Zoning Board of Adjustment Monday, November 1, 2021 6:30 p.m. City Hall Council Chambers 3 Washington Street, 2nd Floor

AGENDA

- I. Introduction of Board Members
- II. Minutes of the Previous Meeting
- III. Unfinished Business:
- IV. Hearings:

ZBA 21-21: Petitioner, PSNH, d/b/a Eversource, of 13 Legends Dr., Hooksett, requests a Variance for property located at 115 Park Ave., Tax Map #233-002-000-000-000 that is in the Conservation District. The Petitioner requests a Variance to permit a maximum impervious coverage not to exceed 23% where 20% is permitted in the Conservation District per Chapter 100, Article 7.3.3 of the Zoning Regulations.

ZBA 21-22: Petitioner, PSNH, d/b/a Eversource, of 13 Legends Dr., Hooksett, requests a Variance for property located at 115 Park Ave., Tax Map #233-002-000-000-000 that is in the Conservation District. The Petitioner requests a Variance to permit a 40 foot tall electrical enclosure, where 35 feet is permitted in the Conservation District per Chapter 100, Article 7.3.4 of the Zoning Regulations

- V. New Business: New Land Development Code review
- VI. Communications and Miscellaneous:
- VII. Non Public Session: (if required)
- VIII. Adjournment:

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115 Park Ave.ZBA 21-21



Petitioner requests a Variance to permit maximum impervious coverage not to exceed 23% where 20% is permitted per Chapter 100, Article 7.3.3 of the Zoning Regulations.



NOTICE OF HEARING

ZBA 21-21

A meeting of the Zoning Board of Adjustment will be held on Monday, November 1, 2021 at 6:30 PM in City Hall Council Chambers, 2nd floor, 3 Washington St, Keene, New Hampshire to consider the following petition. Petitioner, PSNH, d/b/a Eversource, of 13 Legends Dr., Hooksett, requests a Variance for property located at 115 Park Ave., Tax Map #233-002-000-000-000 that is in the Conservation District. The Petitioner requests a Variance to permit a maximum impervious coverage not to exceed 23% where 20% is permitted in the Conservation District per Chapter 100, Article 7.3.3 of the Zoning Regulations.

This application is available for public review in the Community Development Department at City Hall, 3 Washington Street, Keene, NH 03431 between the hours of 8:00 am and 4:30 pm. or online at https://ci.keene.nh.us/zoning-board-adjustment

Corinne Marcou, Zoning Clerk

Notice issuance date October 22, 2021

APPLICATION FOR APPEAL

Zoning Board of Adjustment 3 Washington Street, Fourth Floor Keene, New Hampshire 03431 Phone: (603) 352-5440

For Office U	se Only:
Case No. Z	BA 21-21
Date Filed 10	115/21
Received By	and
Page	of
Reviewed By	

The undersigned hereby applies to the City of Keene Zoning Board of Adjustment for an Appeal in accordance with provisions of the New Hampshire Revised Statutes Annotated 674:33.

TYPE OF APPEAL - MARK AS MANY AS NECESSARY		
APPEAL OF AN ADMINISTRATIVE DECISION		
APPLICATION FOR CHANGE OF A NONCONFORMING USE		
APPLICATION FOR ENLARGEMENT OF A NONCONFORMING USE		
APPLICATION FOR A SPECIAL EXCEPTION		
APPLICATION FOR A VARIANCE		
APPLICATION FOR AN EQUITABLE WAIVER OF DIMENSIONAL REQUIREMENTS		
SECTION I - GENERAL INFORMATION		
Name(s) of Applicant(s) PSNH (DBA Eversource Energy) Phone: 603.634.3256		
Address 13 Legends Drive, Hooksett, NH 03106		
Name(s) of Owner(s) PSNH (DBA Eversource Energy)		
Address PO Box 270, Hartford, CT 06141-0270		
Location of Property 115 Park Avenue, Keene, NH 03431		
SECTION II - LOT CHARACTERISTICS		
Tax Map Parcel Number 233-2 Zoning District Conservation (CON)		
Lot Dimensions: Front 271.52-ft Rear 544.28-ft Side 1,222.61-ft Side 2,768.41-ft		
Lot Area: Acres 15.28-ac Square Feet 665,710-sf		
% of Lot Covered by Structures (buildings, garages, pools, decks, etc.): Existing 0.3% Proposed 0.8%		
% of Impervious Coverage (structures plus driveways and/or parking areas, etc.): Existing 22% Proposed 23%		
Present Use Electric Transmission Substation		
Proposed Use Electric Transmission Substation		
SECTION III - AFFIDAVIT		
I hereby certify that I am the owner or the authorized agent of the owner of the property upon which this appeal is sought and that all information provided by me is true under penalty of law. Date 9/14/2021		
(Signature of Owner or Authorized Agent)		
Please Print Name Kurt Nelson, Sr. Land Use Licensing & Permitting Specialist, Eversource Energy		

APPLICATION FOR A VARIANCE

•	A Variance is requested from Section (s) 7.3.3	of the Zoning Ordinance to permit:
	a maximum impervious coverage not to exceed 23% whe Conservation (CON) Zoning District.	
DE	SCRIBE BRIEFLY YOUR RESPONSE TO EACH VARIANCE	E CRITERIA:
1.	Granting the variance would not be contrary to the public interest Please see attached.	at because:
	riease see allacried.	
2.	If the variance were granted, the spirit of the ordinance would be	e observed because:
	Please see attached.	
3.	Granting the variance would do substantial justice because:	
	Please see attached.	
	If the variance were granted, the values of the surrounding properause	erties would not be diminished
	Please see attached.	

5. Unnecessary Hardship
A. Owing to special conditions of the property that distinguish it from other properties in the area, denial of the variance would result in unnecessary hardship because:
i. No fair and substantial relationship exists between the general public purposes of the ordinance provision and the specific application of that provision to the property because:
Please see attached.

and

ii. The proposed use is a reasonable one because:

Please see attached.

B. Explain how, if the criteria in subparagraph (A) are not established, an unnecessary hardship will be deemed to exist if, and only if, owing to special conditions of the property that distinguish it from other properties in the area, the property cannot be reasonably used in strict conformance with the ordinance, and a variance is therefore necessary to enable a reasonable use of it.

Please see attached.



Civil Engineers
Structural Engineers
Traffic Engineers
Land Surveyors
Landscape Architects
Scientists

October 15, 2021

Joshua Gorman, Chairman City of Keene Zoning Board of Adjustment 3 Washington Street, Fourth Floor Keene, NH 03431

Re: Variance Request - Keene Zoning Ordinance, Article 7, Section 7.3.3 – Maximum Impervious Lot Cover

Eversource North Keene Substation 115 Park Avenue, Keene, NH 03431

Tax Map 233, Lot 2

General Description

The ISO-New England (ISO-NE) Planning Advisory Committee has identified various reliability needs on the electric system in New Hampshire, broken into four geographical regions. In the western Region, ISO-NE has identified voltage and reliability concerns, which may result in voltage losses across the electric system. The North Keene Substation Project was chosen as the preferred project location to address these concerns, by providing dynamic voltage regulation and reliability across the system.

The project proposes electrical equipment upgrades within the existing North Keene Substation located on Tax Map 233, Lot 2 at 115 Park Avenue, to accommodate the construction of one (1) 40-foot-tall electrical enclosure, transformer, and additional electrical infrastructure upgrades. The new equipment will be used to regulate/balance the voltage on the electric power transmission grid serving the western New Hampshire Region. The construction of the proposed electrical equipment will be located within the existing gravel substation yard. In addition to the work within the yard, the project proposes to reconstruct a temporary gravel driveway to provide permanent access to the site and adjacent Utility Right-of-Way (ROW).

The existing site access is provided by a secure gravel drive through the City owned Wheelock Park, for which an Access Easement was granted at the time of the parcel's subdivision in 2014.

The existing stormwater management system will be enhanced to accommodate the permanent gravel driveway, to convey and treat stormwater runoff associated with impervious area in accordance with NHDES Alternation of Terrain (AoT) and City of Keene Regulations.

Relative to the improvements proposed, the applicant is respectfully requesting relief from Article 7, Section 7.3.3, to allow a maximum impervious coverage not to exceed 23% where 20% is permitted within the Conservation (CON) Zoning District. The existing impervious coverage is 22%, which accounts for the existing gravel access and parking areas along NH Route. 12.

1. Granting the variance would not be contrary to the public interest because:

To be contrary to the public interest, a variance must unduly and in a marked degree conflict with the zoning ordinance such that it violates the ordinance's basic zoning objectives. The requested variance to allow minimal additional lot coverage to provide safe, secure access to the substation and adjacent utility transmission corridor will not threaten the public health, safety or welfare, but will enhance it by allowing for timelier access to both locations to perform routine and emergency maintenance. Granting the variance for the minimal additional lot coverage associated with improvements for safe, secure site access would not alter the essential character of the locality, nor be contrary to the public interest as it facilitates the adequate provision of electricity, an essential public requirement.

2. If the variance were granted, the spirit of the ordinance would be observed because:

The general purpose of the maximum lot coverage provision is to prevent adverse built conditions such as buildings taking up too much space given the lot size and context of its surroundings and to minimize stormwater runoff from impervious surfaces such as pavement or concrete which can have adverse impacts on water quality. Given the minimal increase in lot coverage to provide appropriate access improvements meeting safety and design standards set forth by the New Hampshire Department of Transportation (NHDOT) and the American Association of State Highway and Transportation Officials (AASHTO) and the appropriate provisions for stormwater management, granting relief would not frustrate the purpose of the ordinance and there would be no hazard to the health, safety or the general welfare of the public. The lot coverage presented is consistent with the spirit of the ordinance as there would be no negative cumulative impact on granting similar variances to others in the neighborhood who also share the same conditions as the subject property.

3. Granting the variance would do substantial justice because:

The guiding factor for substantial justice is that any loss to the individual that is <u>not</u> outweighed by a gain to the general public is an injustice. Under the specific design of the proposed site, the gain to the public will not outweigh the harm to the applicant as the public is protected equally in either case. The proposed infrastructure improvements and associated lot coverage will allow Eversource the ability to continue to use the property for the purposes of providing a safe, secure, substation built in accordance with National Electrical Safety Code (NESC) standards.

4. If the variance were granted, the value of surrounding properties would not be diminished because:

Specific to the variance requested, Eversource has continuously operated the site as an electrical substation dating back to 2014. As the industrial character of the site has already been established, the value of the surrounding properties already reflects the intended use and no diminution in value would be expected from the authorization of the requested variance.

5. Unnecessary Hardship:

- a. Owing to special conditions of the property that distinguish it from other properties in the area, denial of the variance would result in an unnecessary hardship because:
 - i. No fair and substantial relationship exists between the general public purposes of the ordinance provision and the specific application of that provision to the property because:

The overall purpose of the ordinance is to promote the health, safety, and general welfare of the public. Relief from the maximum impervious lot coverage criteria as specified by the ordinance can be provided without frustrating the purpose of the ordinance in that the overriding factor of the safety of the public is observed. The existing stormwater management system has been enhanced to provide adequate attenuation and treatment of stormwater runoff associated with the proposed impervious surfaces. Special conditions pertaining to this property that distinguish it from other properties includes; the existing use of the site as an electrical substation which requires an expansive gravel yard, its proximity to the existing transmission lines that need to be regulated, and the need for it to be located within the area it is intended to serve. Denial of the variance would result in an unnecessary hardship for the owner and would not promote a public interest.

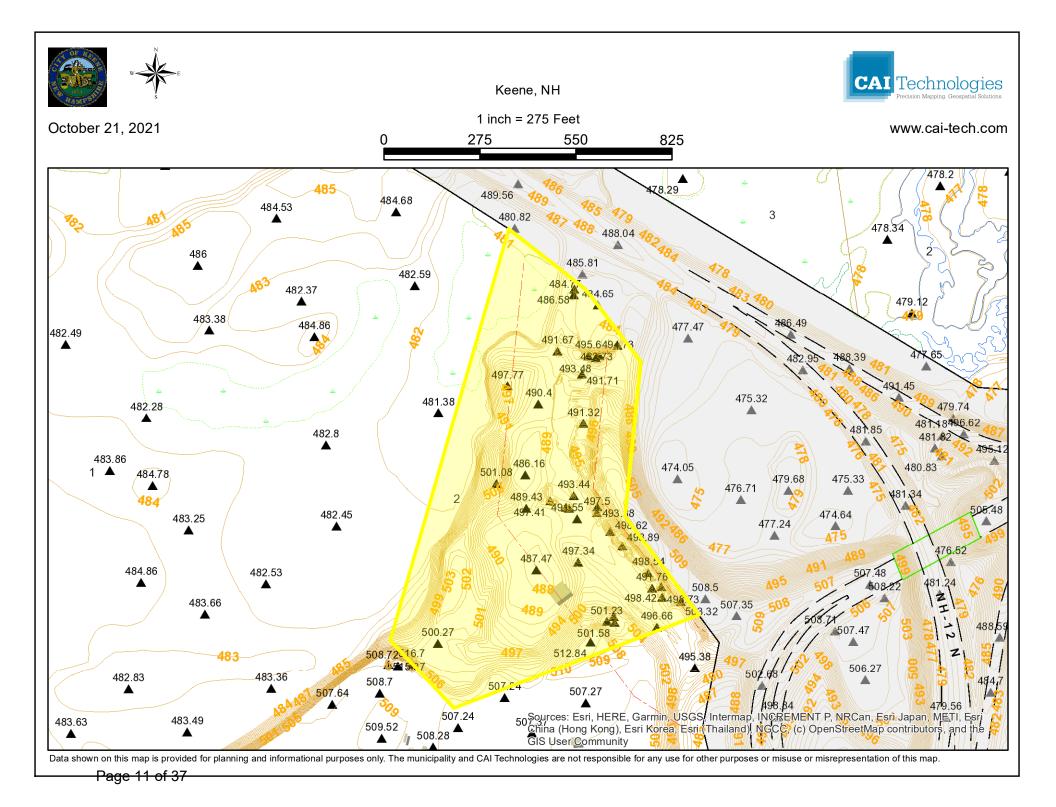
ii. The proposed use is a reasonable one.

The location and existing use of the property as an electrical substation makes the continued use of this property, to support an essential public utility, an appropriate selection. From a design standpoint, the proposed equipment to regulate and balance the voltage on the electric power transmission grid must be located at a transmission substation as well as be sited in the area it is intended to serve; this site accomplishes both objectives. Re-siting the substation elsewhere in the Town would not only create an economic hardship for the applicant but also present substantial electrical design challenges that could compromise the intent of the project.

Re:

b. Explain how, if the criteria in subparagraph (A) are not established, an unnecessary hardship will be deemed to exist if, and only if, owing to the special conditions of the property that distinguish it from other properties in the area, the property cannot be reasonably used in strict conformance with the ordinance, and a variance is therefore necessary to enable a reasonable use of it.

This property is unique and has special conditions that meet the criteria of an unnecessary hardship as it is presently occupied by Eversource's North Keene Substation. A denial of this variance to provide appropriate access improvements to accommodate the proposed electrical infrastructure upgrades for the continued use of the property to serve its purpose as a conveyor of an essential public utility would negatively impact the ability of the property owner to have reasonable use of the lot.



W S

Eversource North Keene Substation Lot 233-2

CAI Technologies
Precision Mapping, Geospatal Solutions

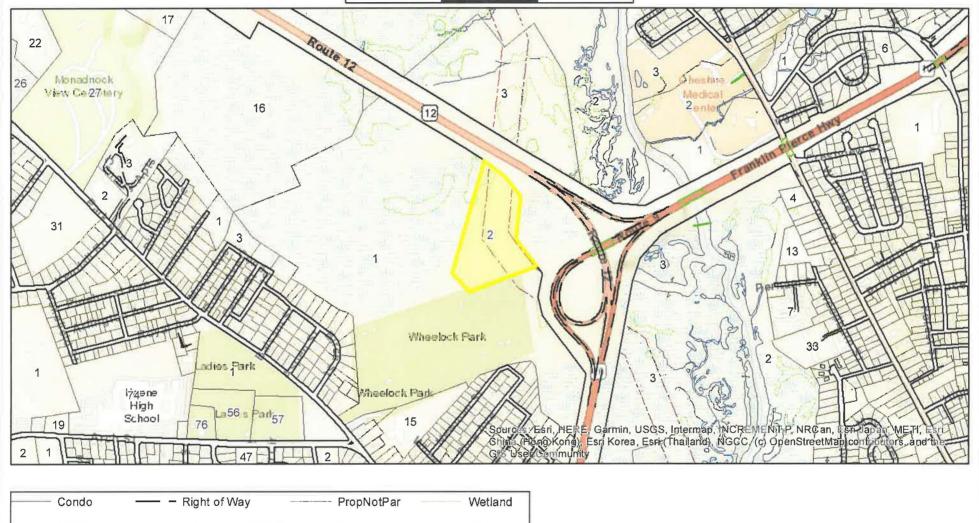
August 12, 2021

1 inch = 1000 Feet

0 1000 2000 3000

www.cai-tech.com

Keene, NH



Condo — Right of Way PropNotPar Wetland

PWater — Private Road ROW — Property Hook WaterLines

Property Line — Utility Property TIC

Public Road — Bridge Road NotPar

Data shown on this map is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this map.

115 PARK AVE.

Location 115 PARK AVE. Map/Lot# 233/ / 002/000 000/000

233002000000000 Acct#

Owner **PSNH**

Building Name

Assessment \$628,600

Appraisal \$628,600 PID 7123

Building Count 1

Current Value

	Appraisal		
Valuation Year	Improvements	Land	Total
2021	\$0	\$628,600	\$628,600
	Assessment		
Valuation Year	Improvements	Land	Total
2021	\$0	\$628,600	\$628,600

Parcel Addreses

Additional Addresses

No Additional Addresses available for this parcel

Owner of Record

Owner

PSNH

Co-Owner Address

HARTFORD, CT 06141-0270

PO BOX 270

Sale Price

\$640,000

Book & Page

2890/0484

Sale Date

12/11/2014

Ownership History

	Owner	rship History	
Owner	Sale Price	Book & Page	Sale Date
SNH	\$640,000	2890/0484	12/11/2014

Building Information

Page 13 of 37 Building 1 : Section 1

Year Built:

Living Area:

0

Replacement Cost:

\$0

Building Percent Good:

Replacement Cost

Less Depreciation:

\$0

Building Attributes		
Fleld	Description	
yle	Vacant Land	
odel		
rade		
ories		
cupancy		
erior Wall 1		
erior Wall 2		
of Structure:		
of Cover		
prior Wall 1		
erior Wall 2		
erior Floor 1		
erior Floor 2		
at Fuel		
at System		
Irooms		
Baths		
f Baths		
ra Fixtures		
ditional Stacks		
ylight Basement		
U		
mt Garage		
l Park		
LA		
BFP Stacks		
fab Fireplace		
BFP Openings		
orfld 300		
srfld 301		

Extra Features
Page 14 of 37

Building Photo

Building Photo

(http://images.vgsi.com/photos2/KeeneNHPhotos/default.jpg)

Building Layout

(ParcelSketch.ashx?pid=7123&bid=7123)

Building Sub-Areas (sq ft)	<u>Legend</u>
No Data for Building Sub-Areas	

No Data for Extra Features

Land

Land Use

Land Line Valuation

Use Code

400

Description

Utility Zone CON

Category

Size (Acres)

15.28

Depth

Assessed Value

\$628,600 Appraised Value \$628,600

Outbuildings

Outbuildings

<u>Legend</u>

No Data for Outbuildings

Valuation History

Appraisal			
Valuation Year	Improvements	Land	Total
2020	\$0	\$628,600	\$628,600

Assessment			
Valuation Year	Improvements	Land	Total
2020	\$0	\$628,600	\$628,600

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Project Tit	le:	DHR R&C #:
Eversourc	e Energy North Keene Substation	
RPR FORM	1 RPR PHOTO LOG	*
Photo #	NH DHR Inventory # and/or locational information; Include a bi	rief description of the
	photograph if necessary.	
1	Existing gated gravel access drive, looking northwest from Whe	elock Park
2	Existing gravel access drive, looking southwest towards Wheeld	ock Park
3	Existing gravel access drive and substation yard entrance, looki	ng northeast towards substation
4	Existing Eversource Energy North Keene Substation, looking northeast towards substation yard	
5	Existing substation yard and area of proposed electrical enclosure, looking northeast towards substation yard	
6	Existing substation yard, looking northwest towards substation	
7	Existing stormwater management area, looking northwest towards utility corridor	
8	Existing Utility ROW gravel access drive, looking northwest along Utility ROW	
9	Existing substation yard, looking south from gravel access drive	
10	Existing Utility ROW (left) and substation yard (right) loking southeast along Utility ROW	
11	Existing gravel access drive to NH Rt. 12, looking north towards NH Rt. 12 along Utility ROW	
12	Existing gravel access drive and parking area along NH Rt. 12, looking southeast towards Utility ROW	
13	Existing gravel access drive along NH Rt. 12, looking northwest	along NH Rt. 12
14	Google Aerial Imagery of Lot 233-2; boundary shown in blue, existing susbtation yard shown in red	



Eversource Energy North Keene Substation – Site Photographs



Existing gated gravel access drive, looking northwest from Wheelock Park

Photo 2



Existing gravel access drive, looking southwest towards Wheelock Park





Existing gravel access drive and substation yard entrance, looking northeast towards substation

Photo 4

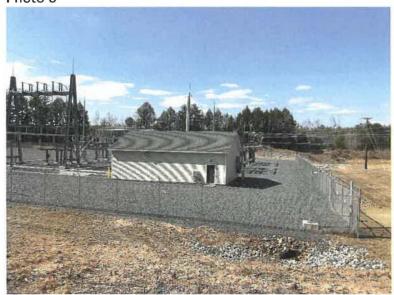


Existing Eversource Energy North Keene Substation, looking northeast towards substation yard



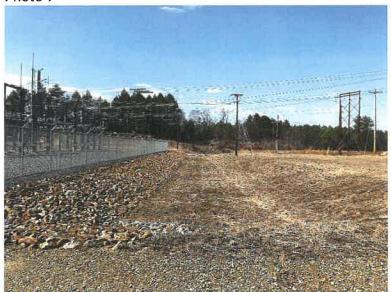


Existing substation yard and area of proposed electrical enclosure, looking northeast towards substation yard



Existing substation yard, looking northwest towards substation





Existing stormwater management area, looking northwest towards utility corridor



Existing Utility ROW gravel access drive, looking northeast along Utility ROW





Existing substation yard, looking south from gravel access drive



Existing Utility ROW (left) and substation yard (right) loking southeast along Utility ROW





Existing gravel access drive to NH Rt. 12, looking north towards NH Rt. 12 along Utility ROW



Existing gravel access drive and parking area along NH Rt. 12, looking southeast towards Utility ROW





Existing gravel access drive along NH Rt. 12, looking northwest along NH Rt. 12



Photo 14



Google Aerial Imagery of Lot 233-2; boundary shown in blue, existing susbtation yard shown in red.

115 Park Ave.ZBA 21-22



Petitioner requests a Variance to permit a 40 foot tall electrical enclosure where 35 feet is permitted per Chapter 100, Article 7.3.4 of the Zoning Regulations.



NOTICE OF HEARING

ZBA 21-22

A meeting of the Zoning Board of Adjustment will be held on Monday, November 1, 2021 at 6:30 PM in City Hall Council Chambers, 2nd floor, 3 Washington St, Keene, New Hampshire to consider the following petition. Petitioner, PSNH, d/b/a Eversource, of 13 Legends Dr., Hooksett, requests a Variance for property located at 115 Park Ave., Tax Map #233-002-000-000-000 that is in the Conservation District. The Petitioner requests a Variance to permit a 40 foot tall electrical enclosure, where 35 feet is permitted in the Conservation District per Chapter 100, Article 7.3.4 of the Zoning Regulations.

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Corinne Marcou, Zoning Clerk

Notice issuance date October 22, 2021

APPLICATION FOR APPEAL

Zoning Board of Adjustment 3 Washington Street, Fourth Floor Keene, New Hampshire 03431 Phone: (603) 352-5440

For Office Use Only:			
Case No. Z	BA21.22		
Date Filed			
Received By CMM			
Page	of		
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The undersigned hereby applies to the City of Keene Zoning Board of Adjustment for an Appeal in accordance with provisions of the New Hampshire Revised Statutes Annotated 674:33.

TYPE OF APPEAL - MARK AS MANY AS NECESSARY				
APPEAL OF AN ADMINISTRATIVE DECISION				
APPLICATION FOR CHANGE OF A NONCONFORMING USE				
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APPLICATION FOR AN EQUITABLE WAIVER OF DIMENSIONAL REQUIREMENTS				
SECTION I - GENERAL INFORMATION				
Name(s) of Applicant(s) PSNH (DBA Eversource Energy) Phone: 603.634.3256				
Address 13 Legends Drive, Hooksett, NH 03106				
Name(s) of Owner(s) PSNH (DBA Eversource Energy)				
Address PO Box 270, Hartford, CT 06141-0270				
Location of Property 115 Park Avenue, Keene, NH 03431				
SECTION II - LOT CHARACTERISTICS				
Tax Map Parcel Number 233-2 Zoning District Conservation (CON)				
Lot Dimensions: Front 271.52-ft Rear 544.28-ft Side 1,222.61-ft Side 2,768.41-ft				
Lot Area: Acres 15.28-ac Square Feet 665,710-sf				
% of Lot Covered by Structures (buildings, garages, pools, decks, etc.): Existing 0.3% Proposed 0.8%				
% of Impervious Coverage (structures plus driveways and/or parking areas, etc.): Existing 22% Proposed 23%				
Present Use Electric Transmission Substation				
Present Use Electric Transmission Substation				
Present Use Electric Transmission Substation Proposed Use Electric Transmission Substation				
Proposed Use Electric Transmission Substation				
Proposed Use Electric Transmission Substation SECTION III - AFFIDAVIT				
Proposed Use Electric Transmission Substation SECTION III - AFFIDAVIT I hereby certify that I am the owner or the authorized agent of the owner of the property upon which				
Proposed Use Electric Transmission Substation SECTION III - AFFIDAVIT I hereby certify that I am the owner or the authorized agent of the owner of the property upon which this appeal is sought and that all information provided by me is true under penalty of law.				
Proposed Use Electric Transmission Substation SECTION III - AFFIDAVIT I hereby certify that I am the owner or the authorized agent of the owner of the property upon which				

APPLICATION FOR A VARIANCE

•	A Variance is requested from Section (s) 7.3.4	of the Zoning Ordinance to permit:				
	An 40-foot tall electrical enclosure, where 35-feet is permitted in the Conservation (CON) Zoning District.					
DI	DESCRIBE BRIEFLY YOUR RESPONSE TO EACH VARIANCE CRITERIA:					
1.	Granting the variance would not be contrary to the public interest. Please see attached.	st because:				
2.	If the variance were granted, the spirit of the ordinance would be Please see attached.	e observed because:				
3.	Granting the variance would do substantial justice because: Please see attached.					
	If the variance were granted, the values of the surrounding propercause Please see attached.	erties would not be diminished				

5. Unnecessary Hardship		
A. Owing to special conditions of the property that distinguish it from other properties in the area, denial of the variance would result in unnecessary hardship because:		
i. No fair and substantial relationship exists between the general public purposes of the ordinance provision and the specific application of that provision to the property because:		
Please see attached.		

and

ii. The proposed use is a reasonable one because:

Please see attached.

B. Explain how, if the criteria in subparagraph (A) are not established, an unnecessary hardship will be deemed to exist if, and only if, owing to special conditions of the property that distinguish it from other properties in the area, the property cannot be reasonably used in strict conformance with the ordinance, and a variance is therefore necessary to enable a reasonable use of it.

Please see attached.



October 15, 2021

Joshua Gorman, Chairman City of Keene Zoning Board of Adjustment 3 Washington Street, Fourth Floor Keene, NH 03431

Re: Variance Request - Keene Zoning Ordinance, Article 7, Section 7.3.4 – Maximum Building Height

Eversource North Keene Substation 115 Park Avenue, Keene, NH 03431

Tax Map 233, Lot 2

General Description

The ISO-New England (ISO-NE) Planning Advisory Committee has identified various reliability needs on the electric system in New Hampshire, broken into four geographical regions. In the western Region, ISO-NE has identified voltage and reliability concerns, which may result in voltage losses across the electric system. The North Keene Substation Project was chosen as the preferred project location to address these concerns, by providing dynamic voltage regulation and reliability across the system.

The project proposes electrical equipment upgrades within the existing North Keene Substation located on Tax Map 233, Lot 2 at 115 Park Avenue, to accommodate the construction of one (1) 40-foot-tall electrical enclosure, transformer, and additional electrical infrastructure upgrades. The new equipment will be used to regulate/balance the voltage on the electric power transmission grid serving the western New Hampshire Region. The construction of the proposed electrical equipment will be located within the existing gravel substation yard. In addition to the work within the yard, the project proposes to reconstruct a temporary gravel driveway to provide permanent access to the site and adjacent Utility Right-of-Way (ROW).

The existing stormwater management system will be enhanced to accommodate the permanent gravel driveway, to convey and treat stormwater runoff associated with impervious area to meet NHDES Alternation of Terrain (AoT) and City of Keene Regulations.

Relative to the improvements proposed, the applicant is respectfully requesting relief from Article 7, Section 7.3.4, to allow a maximum structure height not to exceed 40-feet where 35-feet is permitted within the Conservation (CON) Zoning District.

1. Granting the variance would not be contrary to the public interest because:

To be contrary to the public interest, a variance must unduly and in a marked degree conflict with the zoning ordinance such that it violates the ordinance's basic zoning objectives. Undue and marked conflict exists if granting the variance would "alter the essential character of the neighborhood" or "threaten the public health, safety, or welfare".

The height of the proposed electrical enclosure will not create hazards to the health, safety, or general welfare of the public. While the structure is greater in height than a standard single-story building, the required dimension is dictated by the required clear-distance between the electrical equipment and the structure which houses the units. The space above the equipment is not occupied and the building consists of only one story. As such, the additional height does not create a need for emergency responders to reach upper elevations of the structure for life safety.

The requested variance will allow for electrical upgrades for a safe, secure transmission substation with the purpose of providing an essential service to the general public. Granting the variance would not alter the

Re:

essential character of the locality as the site has been utilized for an essential public utility since construction in 2014 and the site currently consists of existing utility structures in excess of the requested 40-feet in height. The site is abutted by City owned property on three sides and NH Route 12 to the north. As such, the requested variance will not negatively impact visual sightlines of residential abutting properties.

2. If the variance were granted, the spirit of the ordinance would be observed because:

It is assumed the general intent of any height restriction is to secure public safety and provide for appropriate emergency response, provide adequate circulation of light and air, and to protect the character of districts and the interests of the general public in important views. As previously stated, life safety issues are mitigated by the structure having no occupied space above a single-story, and in that the use of the site as an essential public utility electric substation has already been established, the proposed enclosure will have no negative impact on the character of the surrounding area.

The variance request fits within the spirit of the Zoning Ordinance in that the request will not create hazards to the health, safety, or general welfare of the public, nor be detrimental to the use of or out of character with the adjacent neighborhood. Granting the variance would not be contrary to the public interest as it will facilitate the adequate provision of electricity, an essential public requirement.

3. Granting the variance would do substantial justice because:

The guiding factor for substantial justice is that any loss to the individual that is <u>not</u> outweighed by a gain to the general public is an injustice. Under the specific design of the proposed electrical enclosure, the gain to the public will not outweigh the harm to the applicant as the public is protected equally in either case. The proposed infrastructure improvements will allow Eversource the ability to continue to use the property for the purposes of providing a safe, secure, substation built in accordance with National Electrical Safety Code (NESC) standards.

4. If the variance were granted, the value of surrounding properties would not be diminished because:

Specific to the variance requested, Eversource has continuously operated the site as an electrical substation dating back to 2014. As the public utility character of the site has already been established, the value of the surrounding properties already reflects the intended use. As previously stated, the subject parcel does not have residential abutters, and no diminution in value would be expected from the authorization of the requested variance.

5. Unnecessary Hardship:

- a. Owing to special conditions of the property that distinguish it from other properties in the area, denial of the variance would result in an unnecessary hardship because:
 - i. No fair and substantial relationship exists between the general public purposes of the ordinance provision and the specific application of that provision to the property because:

The general purpose of the height limitation is to secure safety, to provide adequate circulation of light and air, and to protect the character of districts and the interests of the general public in important views. In that the height of the structure is a function of providing appropriate clearance distance from the proposed electrical equipment within the structure to the roof of the structure, its construction requires the height specified to accommodate the proposed electrical improvements.

Relief from the maximum structure height criteria as specified by the ordinance can be provided without frustrating the purpose of the ordinance in that the overriding factor of the safety of the public is observed. Special conditions pertaining to this property that distinguish it from other properties includes; the existing use of the site as an electrical substation within the Conservation Zoning District, its proximity to the existing transmission lines that need to be regulated, and the need for it to be located within the area it is intended to serve. Denial of the variance would result in an unnecessary hardship for the owner and would not promote a public interest.

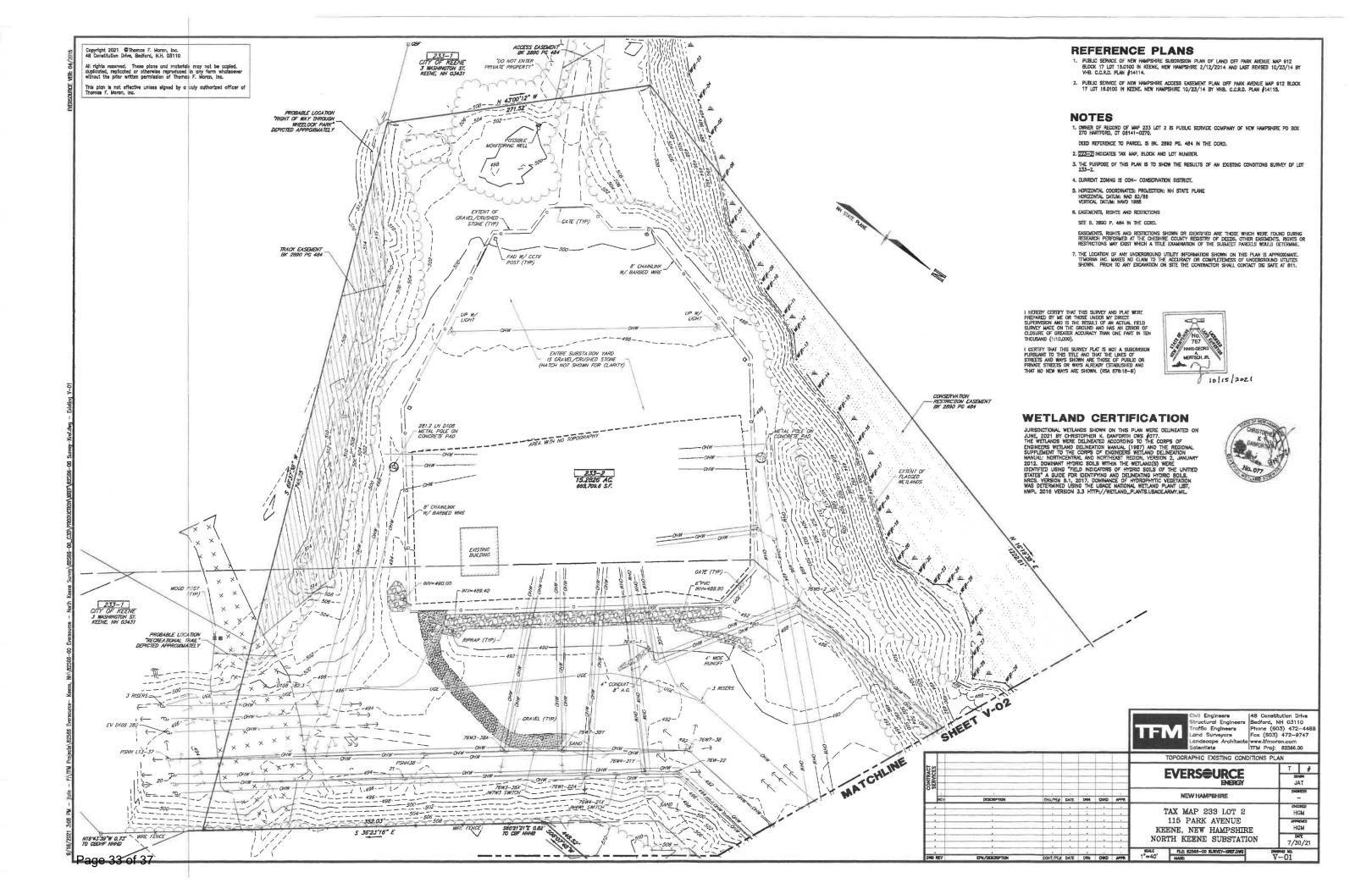
Re:

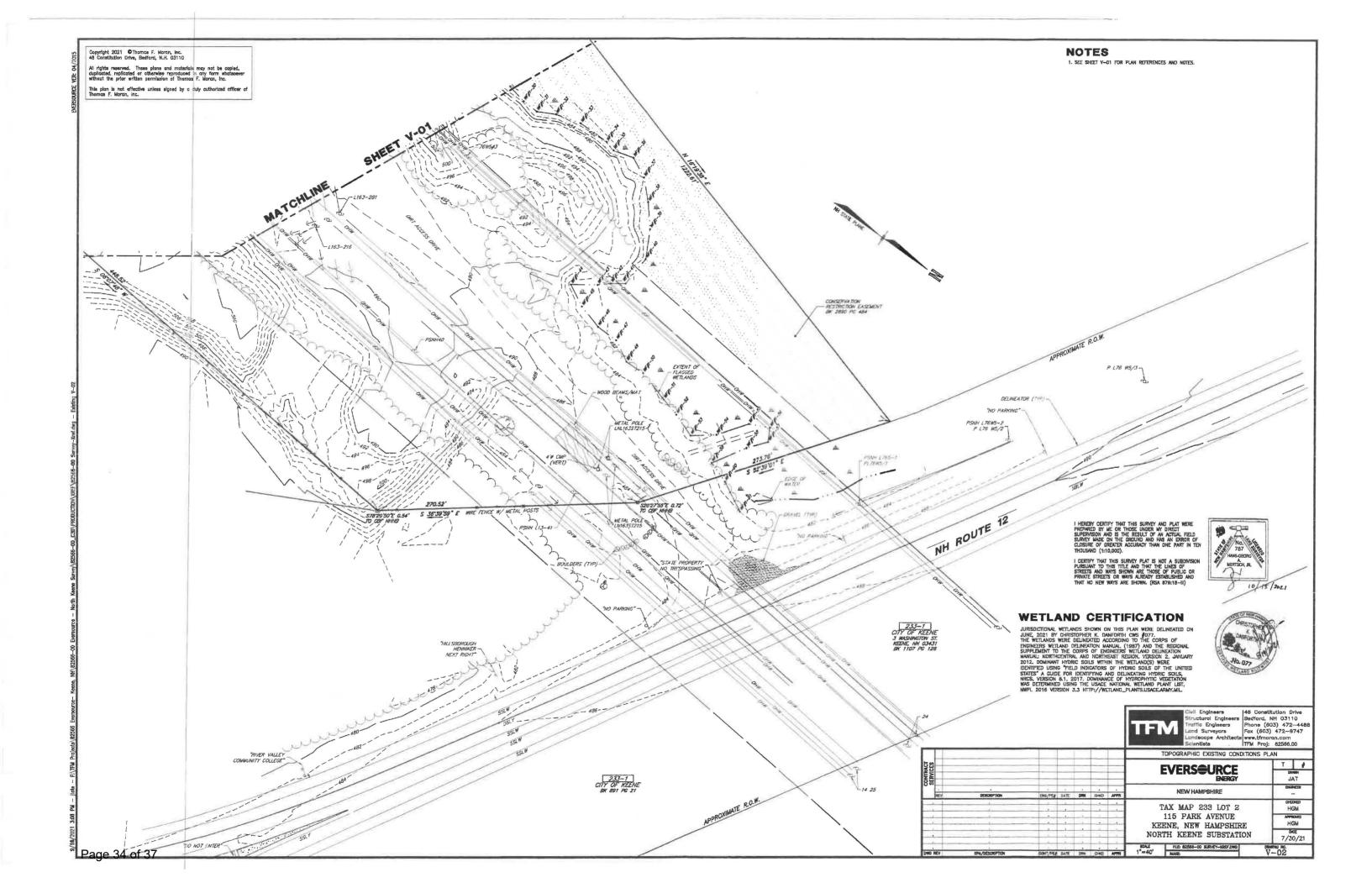
ii. The proposed use is a reasonable one.

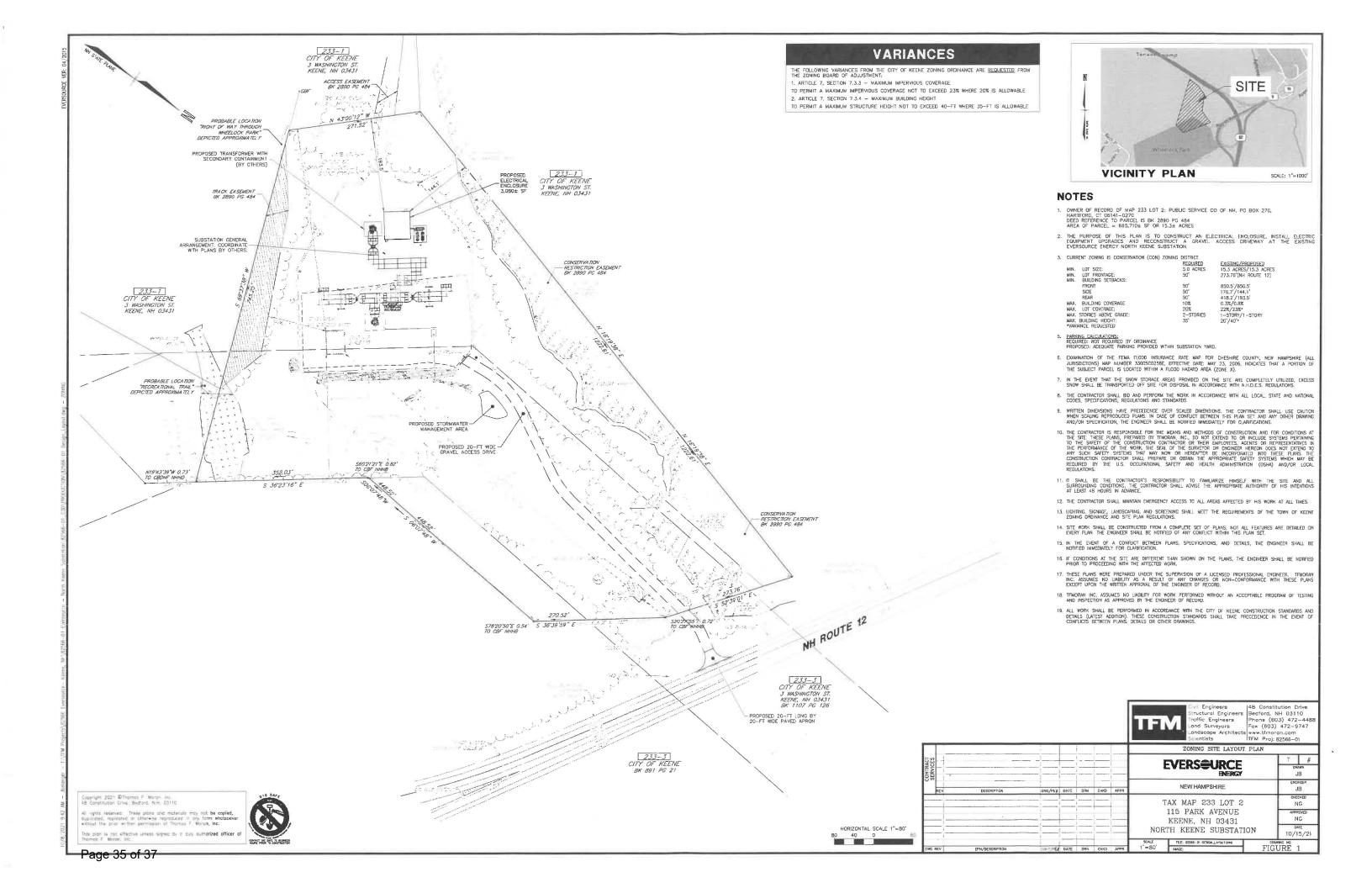
The location and existing use of the property as an electrical substation makes the continued use of this property, to support an essential public utility, an appropriate selection. From a design standpoint, the proposed equipment to regulate and balance the voltage on the electric power transmission grid must be located at a transmission substation as well as sited in the area it is intended to serve; this site accomplishes both objectives. Re-siting the substation elsewhere in the City would not only create an economic hardship for the applicant but also present substantial electrical design challenges that could compromise the intent of the project.

b. Explain how, if the criteria in subparagraph (A) are not established, an unnecessary hardship will be deemed to exist if, and only if, owing to the special conditions of the property that distinguish it from other properties in the area, the property cannot be reasonably used in strict conformance with the ordinance, and a variance is therefore necessary to enable a reasonable use of it.

This property is unique and has special conditions that meet the criteria of an unnecessary hardship as it is presently occupied by Eversource's North Keene Substation. A denial of this variance to provide an appropriately sized structure to accommodate the proposed electrical infrastructure upgrades for the continued use of the property to serve its purpose as a conveyor of an essential public utility would negatively impact the ability of the property owner to have reasonable use of the lot.



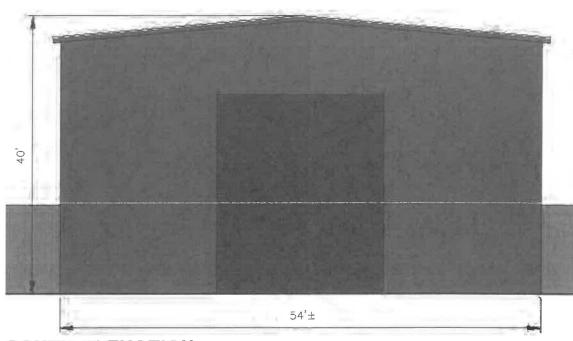




NORTH ELEVATION

PROPOSED ELECTRICAL ENCLOSURE

NOT TO SCALE

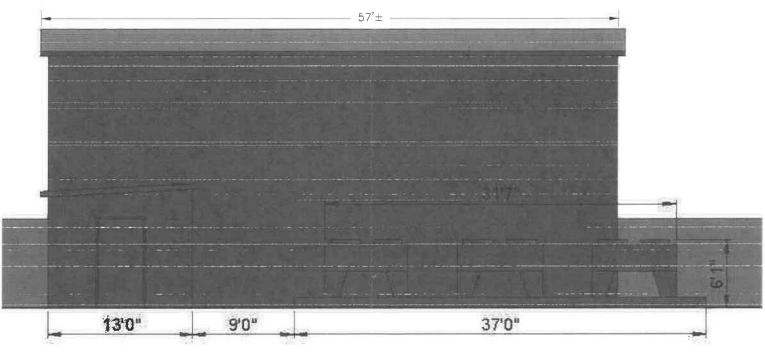


NOT TO SCALE

SOUTH ELEVATION

PROPOSED ELECTRICAL ENCLOSURE

NOT TO SCALE



EAST ELEVATION

PROPOSED ELECTRICAL ENCLOSURE

NOTES

- THESE ELEVATIONS ARE FOR PRELIMINARY DISCUSSION PURPOSES ONLY AND ARE NOT SUITABLE FOR CONSTRUCTION.
- FINAL DESIGN INCLUDING LAYOUT, COLOR AND MATERIALS MAY CHANGE FROM WHAT IS SHOWN ON THIS PLAN.

Ital Engineers
Structural Engineers
Proffic Engineers
And Surveyors
Andscape Architects
Scientists

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TFM Proj: 82566–01

PRELIMINARY ARCHITECTURALELEVATION EVERS@URCE BNERGY DRAWN JB ENGINEER JB NEW HAMPSHIRE ENG/PEN DATE DRN CHKO APP CHECKED NG TAX MAP 233 LOT 2 115 PARK AVENUE APPROVED NG KEENE, NH 03431 NORTH KEENE SUBSTATION DATE 10/15/21

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ZBA ABUTTERS LIST

ADDRESS: 115 Park Avenue, Keene, NH 03431

Owner Name	TMP NO.	Mailing Address
PSNH (DBA Eversource Energy)	233-2	PO Box 270, Hartford, CT 06141-0270
City of Keene	228-2, 228-3, 233-1	3 Washington Street, Keene, NH 03431
Realties, LLC	233-3	3704 Stonegate Drive, Durham, NC 27705
PSNH (DBA Eversource Energy) - Applicant	N/A	c/o Kurt Nelson, 13 Legends Drive, Hooksett, NH 03106
TFMoran, Inc Agent	N/A	c/o Nick Golon, PE, 48 Constitution Drive, Bedford, NH 03110