

56 Prospect Street P.O. Box 270 Hartford, CT 06103

Kathleen M. Shanley Manager – Transmission Siting Tel: (860) 728-4527

September 9, 2019

Melanie Bachman, Esq. Executive Director Connecticut Siting Council Ten Franklin Square New Britain, CT 06051

Re: Sub-Petition No. 1293-NBEHNHW-01

Dear Ms. Bachman:

The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource") is filing the attached Sub-Petition No.1293-NBEHNHW-01 with the Connecticut Siting Council ("Council"), regarding maintenance work within its transmission right-of-way in North Branford, East Haven, North Haven and Wallingford Connecticut. The work includes replacing 27 existing wooden transmission structures with new weathering steel transmission structures.

Eversource notified the officials of the municipalities of North Branford, East Haven, North Haven and Wallingford of Eversource's submission of the Sub-Petition and sent copies of the Sub-Petition to owners of directly abutting properties (see Proof of Notice).

Enclosed please find an original and 3 copies of this filing.

Please contact me at 860-728-4527 if you have any questions regarding the enclosed Sub-Petition.

Sincerely,

Enclosures

Attachments: Exhibit A: Sub-Petition Exhibit B: Photographs and Photo Simulation Exhibit C: Maps Exhibit D: Abutter Letter and Proof of Notice

ATTACHMENT A

SUB-PETITION

THE CONNECTICUT LIGHT AND POWER COMPANY doing business as EVERSOURCE ENERGY

Sub-Petition CONNECTICUT SITING COUNCIL – PETITION NO. 1293 TRANSMISSION FACILITY ASSET CONDITION MAINTENANCE IMPROVEMENTS TO COMPLY WITH THE UPDATED NATIONAL ELECTRIC SAFETY CODE CLEARANCE REQUIREMENTS

Towns: North Branford, East Haven, North Haven and Wallingford

Sub-Petition No. 1293-NBEHNHW-01

Project: 387 Transmission Line Structure Replacement Project

Structure Locations: 27 Transmission Line Structures located in North Branford, East Haven, North Haven and Wallingford, Connecticut

I. Introduction:

In accordance with Condition 1 of the March 30, 2017 ruling by the Connecticut Siting Council (the "Council") (as set forth in the Council's March 31, 2017 letter) regarding Petition No. 1293, The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource") submits this Sub-Petition.

II. Description of Transmission Work Activities:

Eversource's 387 Transmission Line Structure Replacement Project (the "Project") is part of an ongoing maintenance program which evaluates the integrity of its utility structures and implements repair, upgrade or replacement in order to ensure the safe and reliable transmission of power to its customers. Due to asset condition, many structures require replacement on a portion of the 387 Line between Williams Road in North Branford and Durham Road in Wallingford. The 387 Line, in its entirety, is a 345-killovolt line that extends from Totoket Junction in North Branford to Scovill Rock Substation in Middletown. Of the structures that will be replaced, 27 structures require a slight increase in structure height to comply with current clearance requirements. These 27 structures to be replaced are a mix of wood H-frame and monopole structures.

Eversource plans to conduct transmission structure replacement work to remediate wood structure damage caused by structure age, weather, and woodpecker activity. The following work ("Work Activities") will be performed:

• Replace 27 existing wood structures with new weathering steel structures. Each replacement structure will be of the same design as its corresponding existing structure, though slightly taller (10 feet or less) than the existing structure. The replacement structures will be installed within 15 feet of the existing structure locations.

III. No Substantial Adverse Environmental Effect:

Eversource respectfully submits that the proposed modifications would have no "substantial adverse environmental effect" pursuant to Conn. Gen. Stat. § 16-50k, based on the following factors:

- a) All Work Activities would take place in areas within Eversource's property or existing ROW utilizing existing access roads, as well as some temporary access roads (collectively the "Work Areas"). Some of the existing access roads would be improved. Eversource can access the structure replacement locations utilizing its existing rights however, in some locations, it has secured rights for off-ROW access routes to minimize the amount of proposed access roads that would need to be installed within the ROW.
- b) Collectively, the Work Activities would result in approximately 22,200 square feet ("SF") of temporary wetland/watercourse impacts, limited to temporary construction matting required for the construction of access roads and work pads for four structures as follows:

Wetland Number	Structure Number	Construction Work Pads Temporary Impacts (SF)	Access Roads Temporary Impacts (SF)
W2	8875	±600	±1,387
W10	8829	±831	±10,253
W11	8826	0	±1,097
W25	8774	±8,032	0
Subtotals:		±9,463	±12,737
	TOTAL:	±22	,200

Work would be conducted in accordance with Eversource's *Best Management Practices Manual for Massachusetts and Connecticut (Construction and Maintenance Environmental Requirements),* September 2016 ("BMPs") to avoid impacts to nearby wetland and watercourse resources.

- c) No impacts to vernal pools ("VP") or vernal pool envelopes would result from the proposed Work Activities. Therefore, no adverse impact to VPs would result from the proposed Work Activities.
- d) Based on review of the Connecticut Department of Energy and Environmental Protection's ("CTDEEP") Natural Diversity Data Base ("NDDB"), Eversource found that only the Work Activities associated with the access road and work pad for Structures 8875 and 8829 and the access road for Structure 8826 are proposed within a NDDB buffered area and wetland jurisdictional area and therefore would be subject to a NDDB review request. Eversource is currently in consultation with CTDEEP regarding Eversource's proposed work in these areas and will adhere to any state-listed species protection measures recommended by CTDEEP, as necessary. Any recommended measures will be incorporated into Eversource's BMPs during construction. With these protection measures, no adverse impacts to state-listed rare species are anticipated.
- e) The Work Activities will not require any tree clearing. However, Eversource may need to undertake minor tree trimming and/or vegetation removal/mowing within the managed ROW corridor to improve access to portions of the Work Areas.
- f) A Phase 1A assessment review of previously recorded cultural resources on file with the Connecticut State Historic Preservation Office conducted by Heritage Consultants, LLC ("Heritage") did not identify any National or State Register of Historic Places properties/districts located within 500 feet of the Work Areas. Two previously recorded archaeological sites (99-15 and 99-26) were identified in the project area in proximity to the work. It is unlikely the first site extends into proposed Work

Activities due to intervening wetlands. The second site appears to fall within a developed area (parking lot for a sports complex) with Udorthents soils and as a result this site has likely been destroyed. As a result, Heritage has determined that no further investigation is recommended or warranted in association with these two archaeological sites.

Based on a review of historic maps, aerial photographs and available soil profiles, five of the proposed work pad locations associated with Structures 8826, 8833, 8834, 8863 and 8864 and the access roads associated with Structures 8810, 8826, 8829, 8833, 8834, 8835, 8838, 8857, 8861, 8863 and 8864 were identified to possess a potential for moderate to high archaeological sensitivity. A Pedestrian Survey reclassified all of the access road locations and all but three of the work pad locations as having no/low cultural sensitivity. A Phase 1B cultural reconnaissance survey, which included shovel pit testing at work pads for Structures 8826 and 8833, found no physical evidence of cultural deposits or archaeological significance. Structure 8834 will be matted, avoiding any potential impact to cultural resources. Based on the foregoing, no further investigation is recommended or warranted.

- g) Increases in the heights of the 27 replacement structures will average approximately 6 feet and none will exceed 10 feet.
- h) Replacement structures would be located within 15 feet of existing structures.
- i) Work Activities associated with Structure 8875 are located partially within the mapped floodway of the Farm River. Work Activities associated with Structure 8829 are located partially within the mapped floodway and 100-year flood zone associated with the Muddy River. Eversource would utilize its BMPs to minimize any impacts to these floodways and the flood zone by utilizing temporary construction matting that would ensure that the floodway and floodplain hydrology would not be adversely affected. With these protective measures and the use of BMPs, no adverse impact to these floodways or 100-year flood zone would result from the proposed Work Activities.
- j) No change in noise levels would result from the installation of the new structures and the applicable lines would continue to comply with the State of Connecticut noise regulations.
- k) Any changes in electric and magnetic field levels outside the ROW would be negligible.

IV. <u>Mitigation:</u>

Temporary environmental effects from construction will be mitigated as follows:

- Erosion and sediment controls ("E&S") will be employed and maintained, as needed, for the duration of the Work Activities in accordance with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control and the BMPs.
- Potential impacts to wetlands and watercourses will be mitigated with the use of temporary construction matting and adherence to the BMPs.
- Any NDDB recommended rare species protective measures will be incorporated into Eversource's BMPs during construction.
- Potential impacts to the floodways and 100-year flood zone would be avoided with adherence to the BMPs and the use of temporary construction matting.

- Eversource's contractor will perform construction sequencing such that any earth materials are exposed for a minimum of time before they are covered, seeded, or otherwise stabilized to prevent erosion.
- During construction, when necessary, anti-tracking mats would be installed at construction entrances onto public roads to prevent tracking of soil onto local streets.
- Upon completion of the Work Activities, all disturbed/exposed areas would be stabilized and revegetated. After the establishment of permanent ground cover, Eversource's contractor would remove the temporary E&S controls and remove/dispose of any accumulated sediments and debris from areas where such measures were used.

V. <u>Access:</u>

No new permanent access roads are proposed within the ROW, however, portions of existing access roads in upland areas may be hardened and/or temporarily widened at turning areas to facilitate the safe passage of construction vehicles. Construction matting would be used on temporary access roads in wetlands as well as in agricultural/maintained lawn upland areas. The matting will be removed upon completion of the Work Activities and the areas restored, as necessary.

Eversource would access the Work Areas by entering its property and/or ROW from existing access points on public roads as follows:

North Branford

- Williams Road for Structures 8876 and 8875
- Foxon Road for Structures 8874, 8873 and 8872
- Sara Circle for Structures 8839, 8838, 8835 and 8834
- Clintonville Road for Structure 8833

East Haven

• Barberry Road for Structures 8864, 8863, 8861, 8860 and 8857

North Haven

• Wildlife Drive for Structure 8829

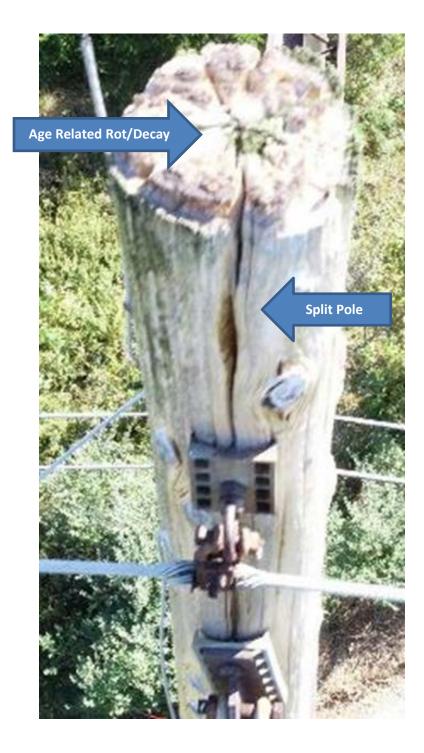
Wallingford

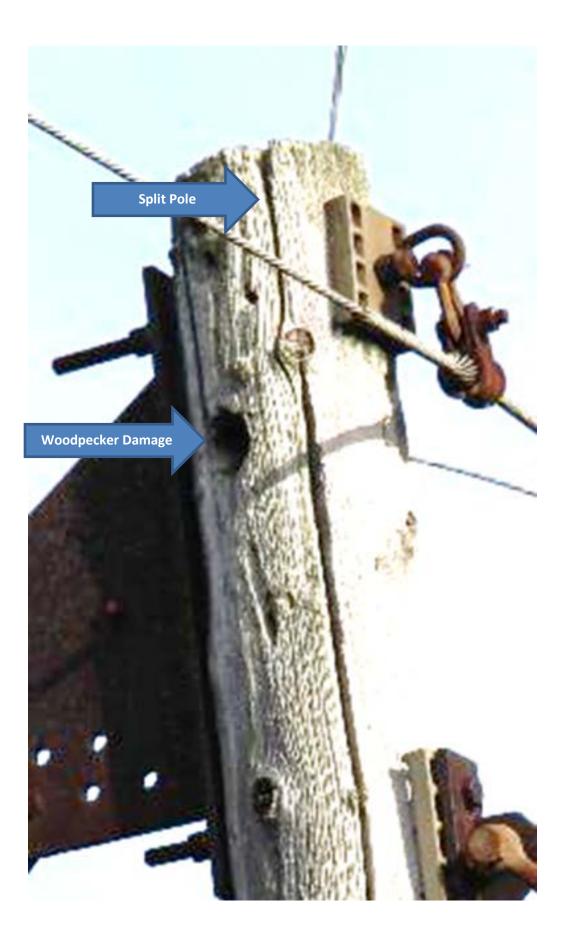
- Wildlife Drive for Structures 8826 and 8824
- Pond Hill Road for Structures 8814 and 8812
- Harrison Road for Structures 8810, 8809, 8808, 8807, 8806 and 8805
- Durham Road for Structure 8774

By:

Kathleen M. Shanley Manager - Transmission Siting

ATTACHMENT B PHOTOGRAPHS AND PHOTO SIMULATION











387 LINE

STRUCTURE 8876

LOCATION

WILLIAMS ROAD NORTH BRANFORD, CT







387 LINE

STRUCTURE 8876

LOCATION WILLIAMS ROAD

NORTH BRANFORD, CT



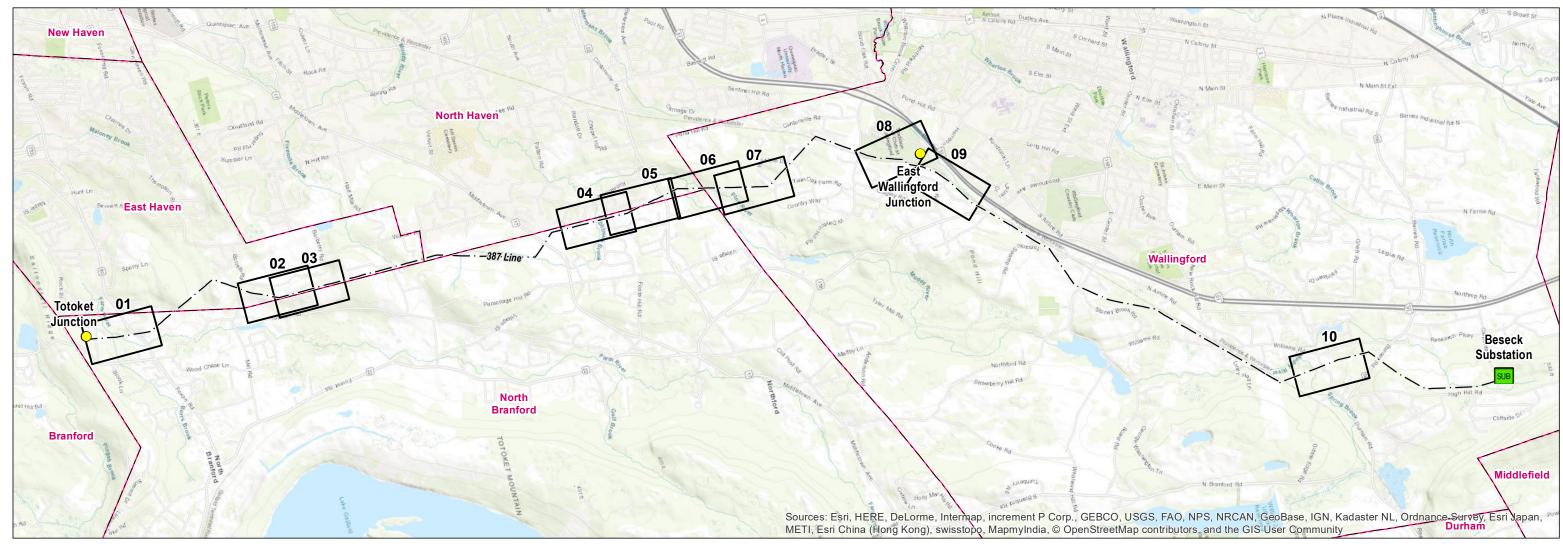


ATTACHMENT C

MAPS

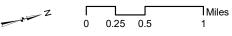
<u>387 Line - Structure Replacement Project</u>

North Branford, East Haven, North Haven, and Wallingford, CT Sub-Petition Map Set Date: September 04, 2019



Legend

Substation O Junction — · – Overhead Eversource Line Map Sheet — Municipal Boundary



INDEX OF FIGURES

Title Sheet / Index Map Abutter Tables & Map Sheets 1-10

PREPARED FOR:

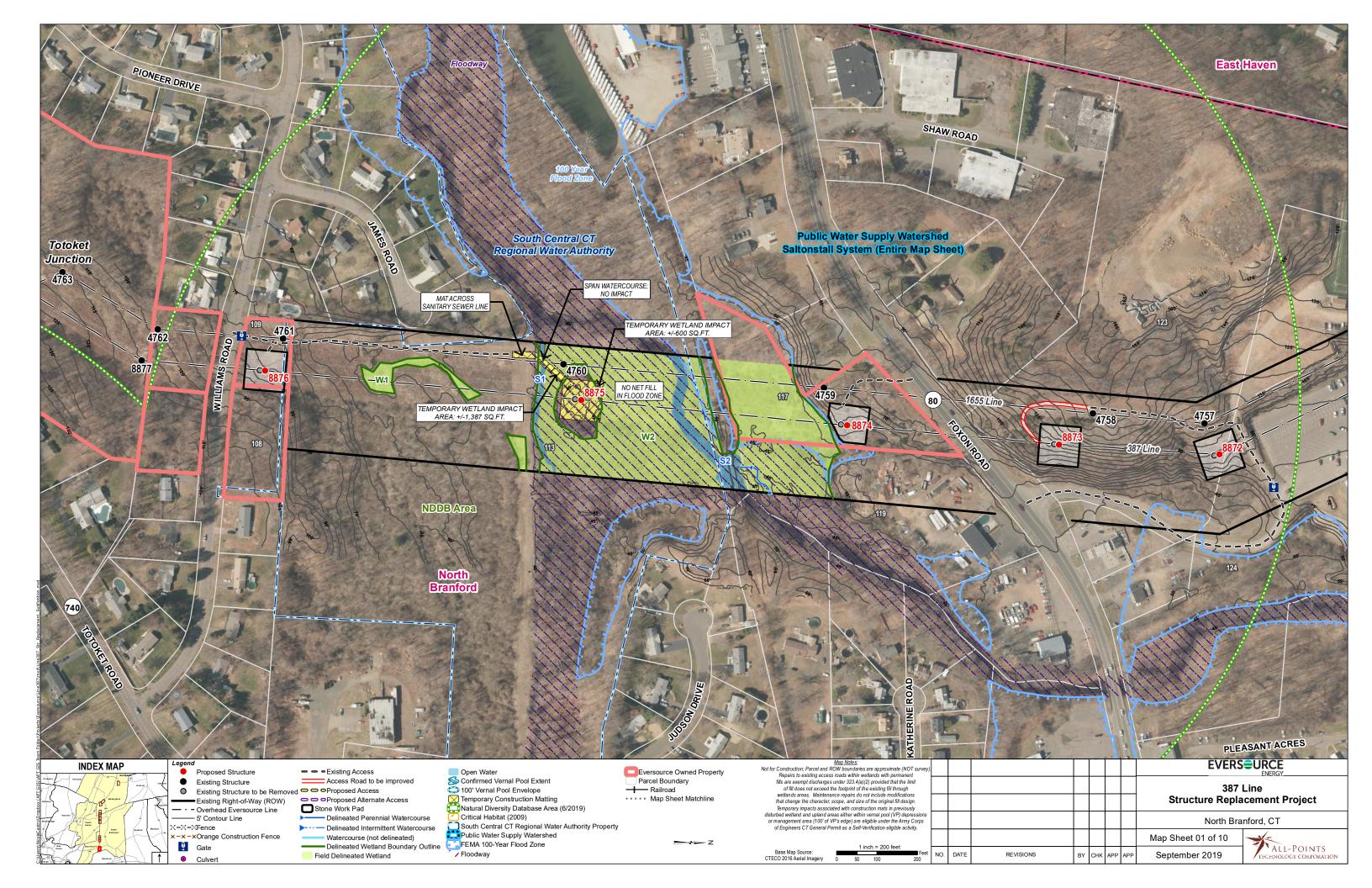


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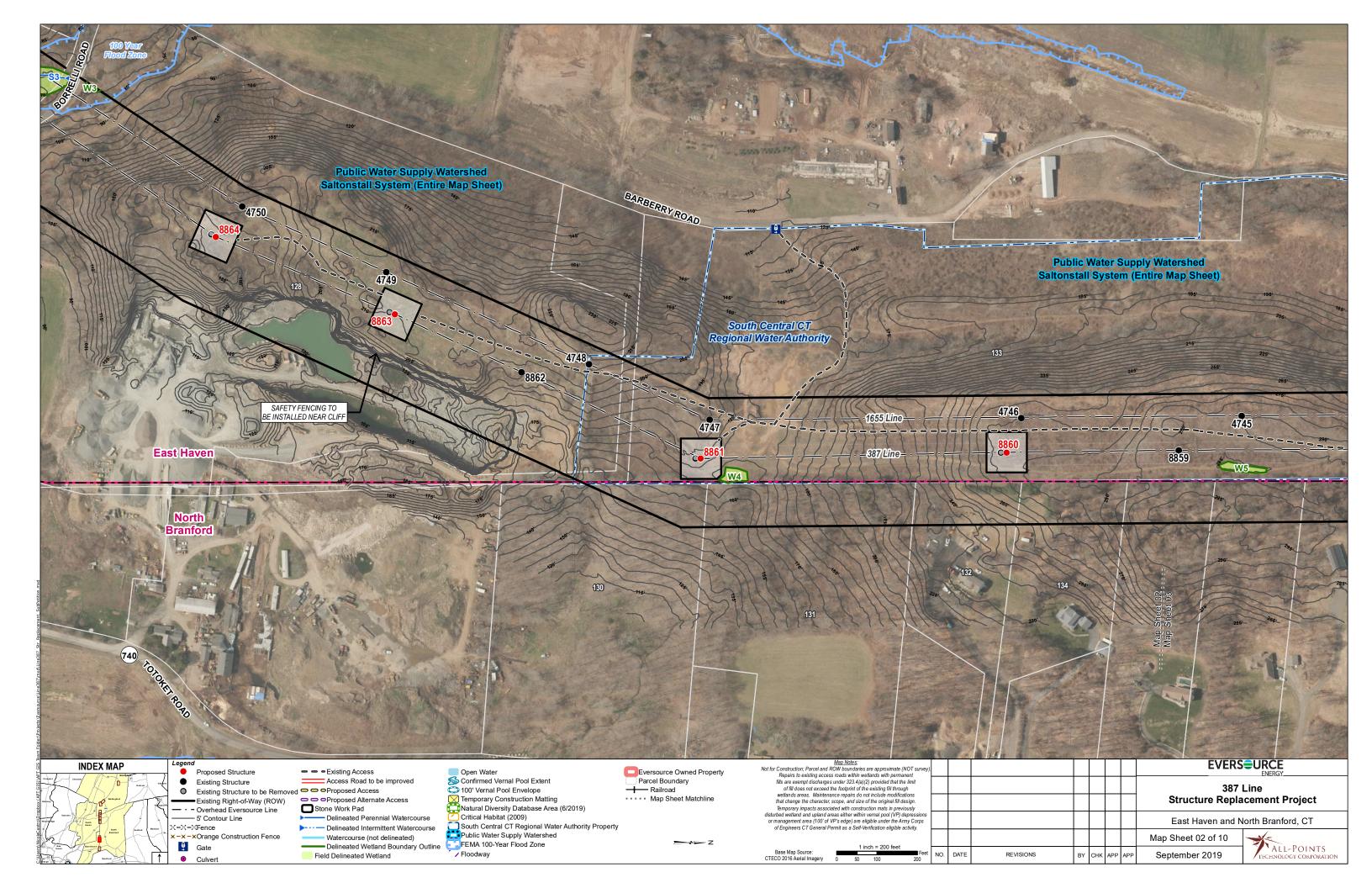
Map Sheet 01 of 10 387 Line - Structure Replacement Project Abutters List

<u>Line List</u> <u>Number</u>	Owner Name	Parcel Address	City	<u>State</u>
108	THE CONNECTICUT LIGHT AND POWER COMPANY (EVERSOURCE)	15-1 WILLIAMS ROAD	NORTH BRANFORD	СТ
109	THE CONNECTICUT LIGHT AND POWER COMPANY (EVERSOURCE)	15-2 WILLIAMS ROAD	NORTH BRANFORD	СТ
113	SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY	98 TOTOKET ROAD	NORTH BRANFORD	СТ
117	THE CONNECTICUT LIGHT AND POWER COMPANY (EVERSOURCE)	115 FOXON ROAD	NORTH BRANFORD	СТ
119	ESTATE OF EDWARD L ADAMS C/O DAWN JACOBSON	155 FOXON ROAD	NORTH BRANFORD	СТ
123	108 FOXON ROAD LLC C/O SBA	150 FOXON ROAD	NORTH BRANFORD	СТ
124	NORMAN A ALDRICH TRUSTEE & SALVATORE A CANDELORA CHILDRENS TRUST	216 FOXON ROAD	NORTH BRANFORD	СТ



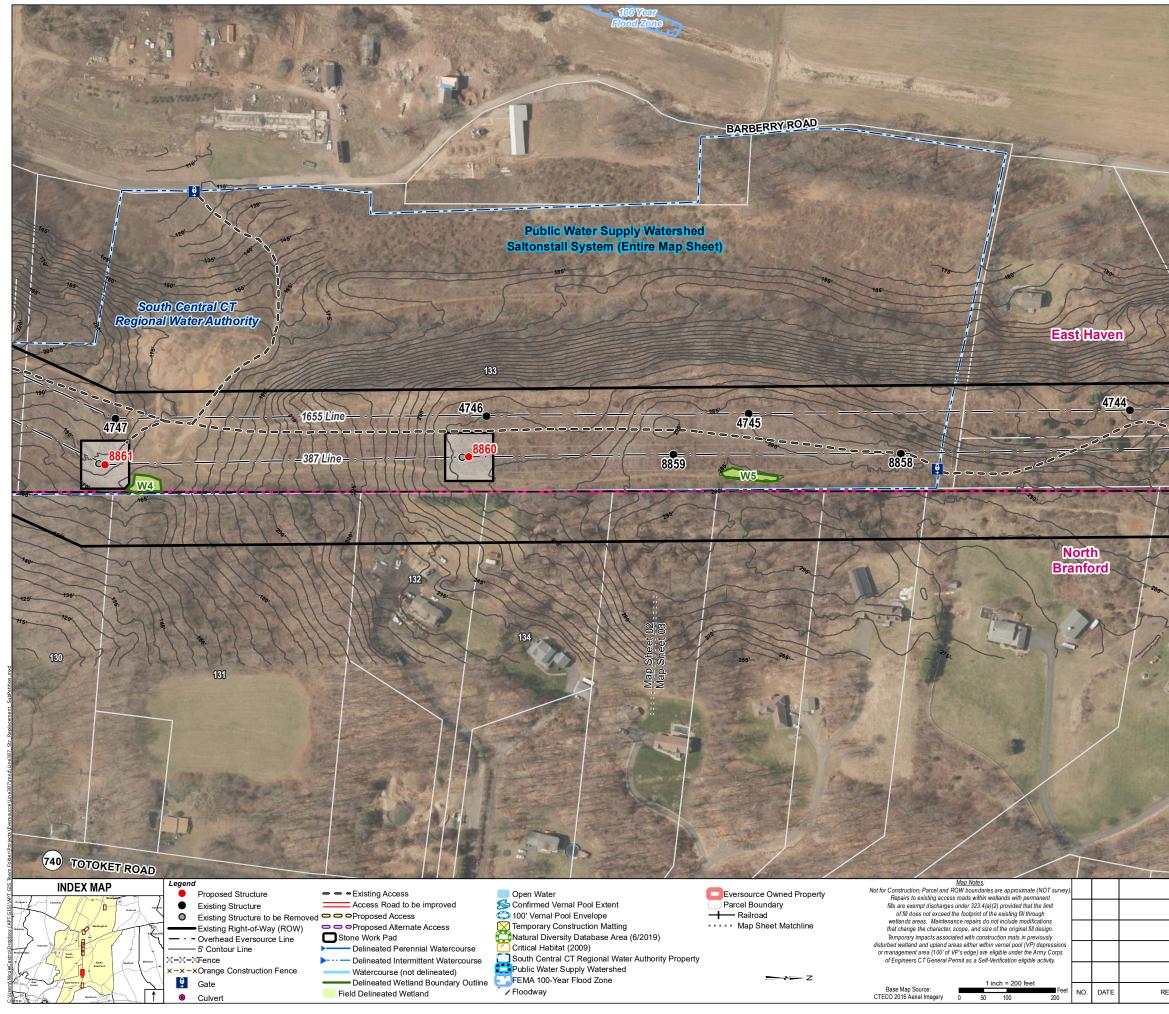
Map Sheet 02 of 10 387 Line - Structure Replacement Project Abutters List

Line List Number	Owner Name	Parcel Address	<u>City</u>	<u>State</u>
128	ONE BARBERRY REAL ESTATE HOLDING LLC	1 BARBERRY ROAD	EAST HAVEN	СТ
130	WHAT TF LLC	420 TOTOKET ROAD	NORTH BRANFORD CT	
131	CHRISTOPHER DILUNGO	438 TOTOKET ROAD	NORTH BRANFORD	СТ
132	CHERYL M GALKO	460 TOTOKET ROAD	NORTH BRANFORD	СТ
133	SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY	181 BARBERRY ROAD	EAST HAVEN	СТ
134	SALVATORE & PATRICIA DAURIO TRUSTEES	464 TOTOKET ROAD	NORTH BRANFORD	СТ



Map Sheet 03 of 10 387 Line - Structure Replacement Project Abutters List

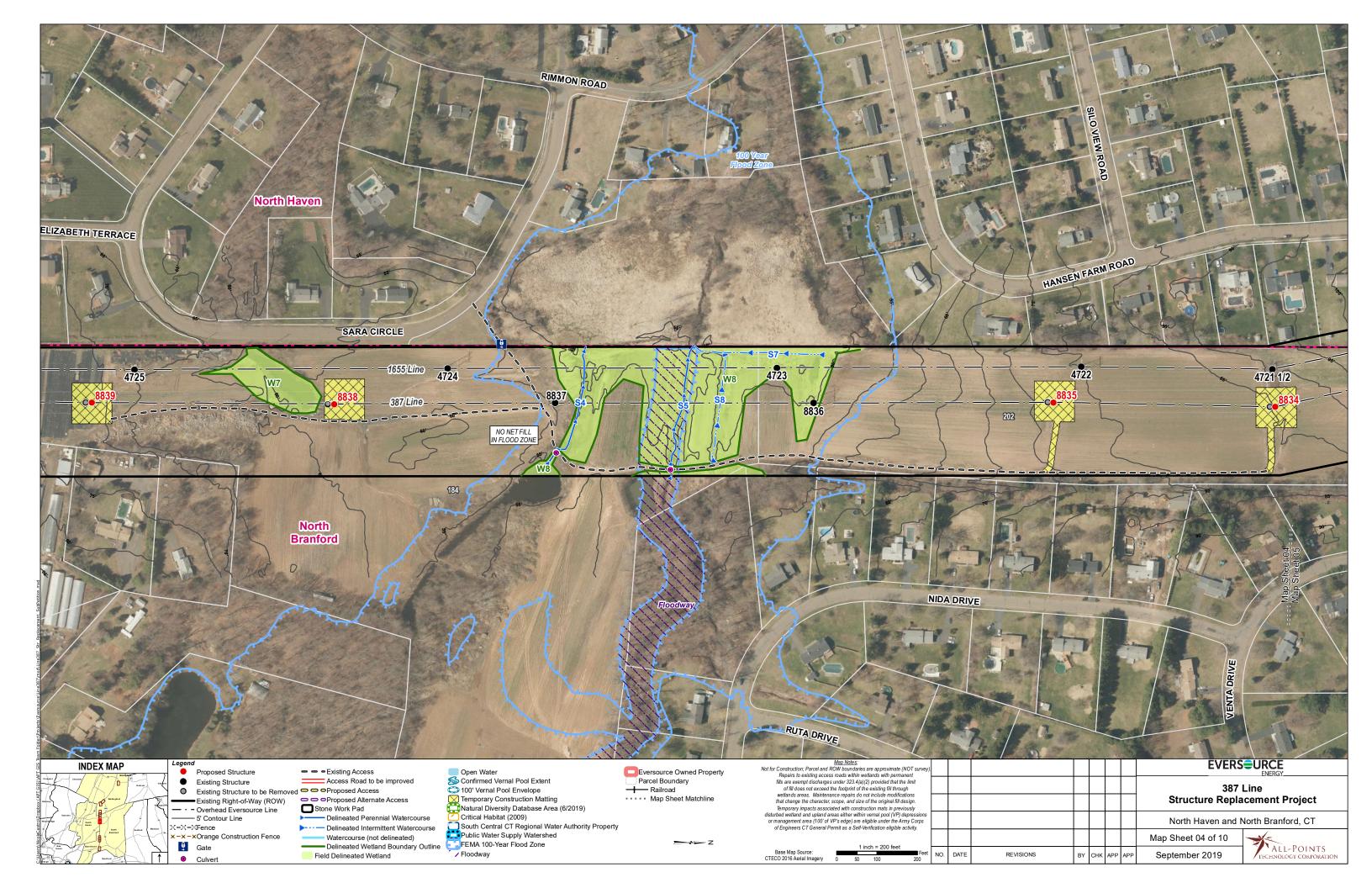
<u>Line List</u> <u>Number</u>	Owner Name	Parcel Address	City	<u>State</u>
130	WHAT TF LLC	420 TOTOKET ROAD	NORTH BRANFORD	СТ
131	CHRISTOPHER DILUNGO	438 TOTOKET ROAD	NORTH BRANFORD	СТ
132	CHERYL M GALKO	460 TOTOKET ROAD	NORTH BRANFORD	СТ
133	SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY	181 BARBERRY ROAD	EAST HAVEN	СТ
134	SALVATORE & PATRICIA DAURIO TRUSTEES	464 TOTOKET ROAD	NORTH BRANFORD	СТ
141	LORIANN DILUNGO	516 TOTOKET ROAD	NORTH BRANFORD	СТ
143	TOWN OF EAST HAVEN	315 BARBERRY ROAD	EAST HAVEN	СТ
148	MARK DILUNGO	4 HALF MILE ROAD	EAST HAVEN	СТ



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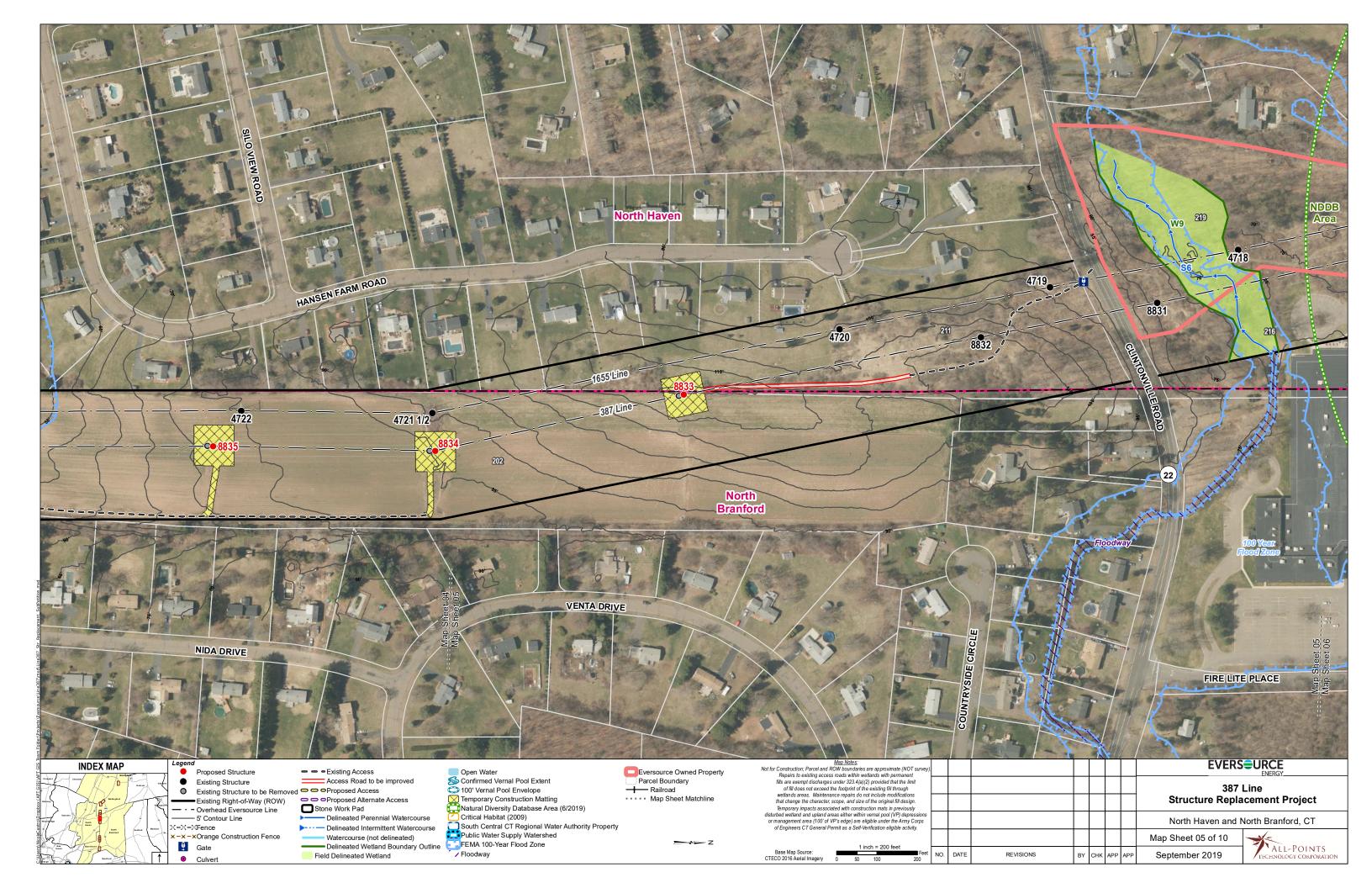
Map Sheet 04 of 10 387 Line - Structure Replacement Project Abutters List

Line List Number	Owner Name	Parcel Address	City	<u>State</u>
184	JOSEPH DIGLIO & GIUSEPPE & AMELIA DIGLIO	1030 MIDDLETOWN AVENUE	NORTH BRANFORD	СТ
202	JOSEPH DIGLIO & GIUSEPPE & AMELIA DIGLIO	MIDDLETOWN AVENUE	NORTH BRANFORD	СТ



Map Sheet 05 of 10 387 Line - Structure Replacement Project Abutters List

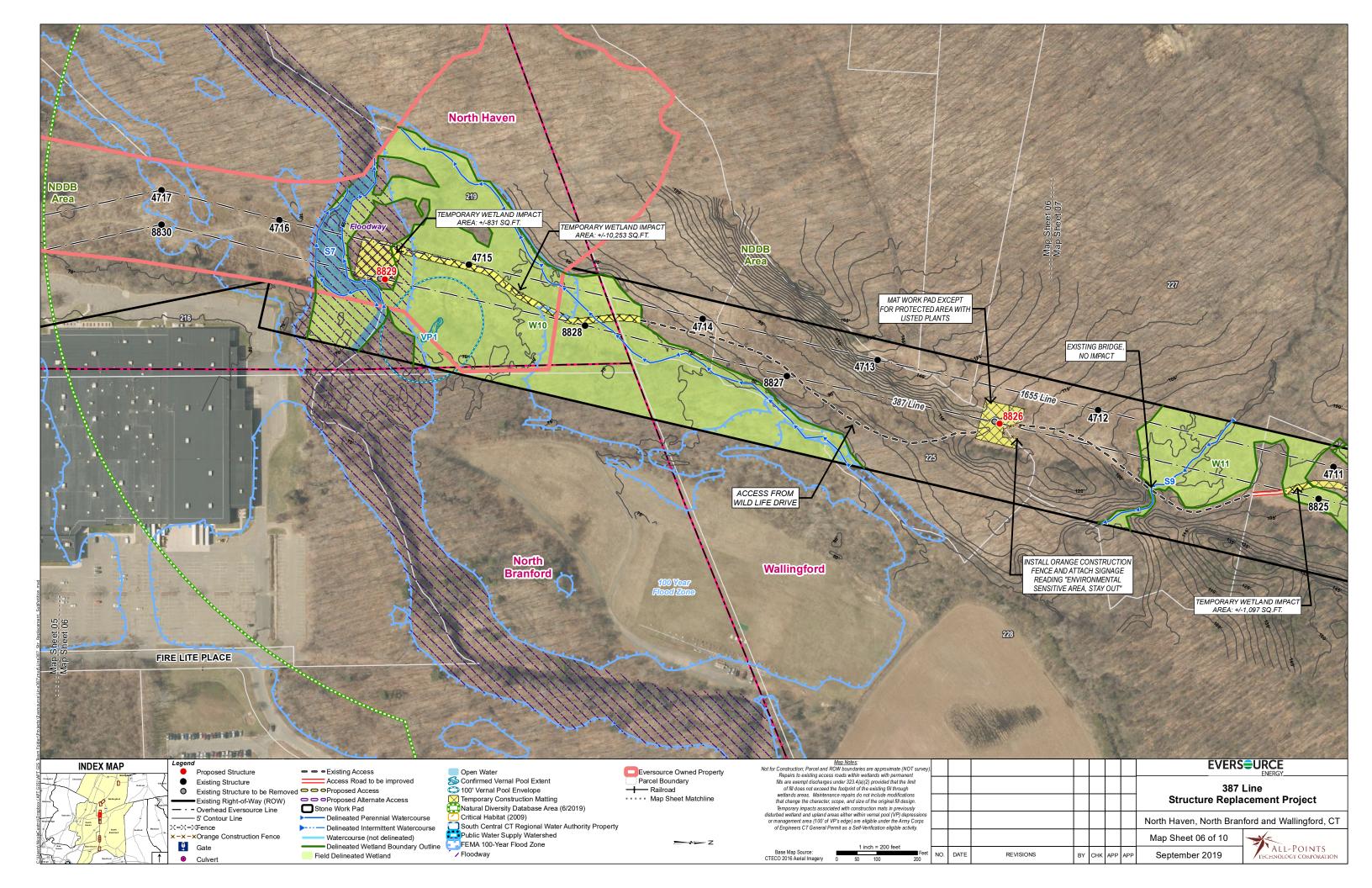
Line List Number	Owner Name	Parcel Address	<u>City</u>	<u>State</u>
202	JOSEPH DIGLIO & GIUSEPPE & AMELIA DIGLIO	MIDDLETOWN AVENUE	NORTH BRANFORD	СТ
211	PAUL REBESCHI CONSTRUCTION INC	HANSEN FARM ROAD OPEN SPACE	NORTH HAVEN	СТ
216	FIRE-LITE ALARMS INC C/O ALTUS GROUP U	593 CLINTONVILLE ROAD	NORTH HAVEN	СТ
219	THE CONNECTICUT LIGHT AND POWER COMPANY (EVERSOURCE)	590 CLINTONVILLE ROAD	NORTH HAVEN	СТ



Map Sheet 06 of 10 387 Line - Structure Replacement Project Abutters List

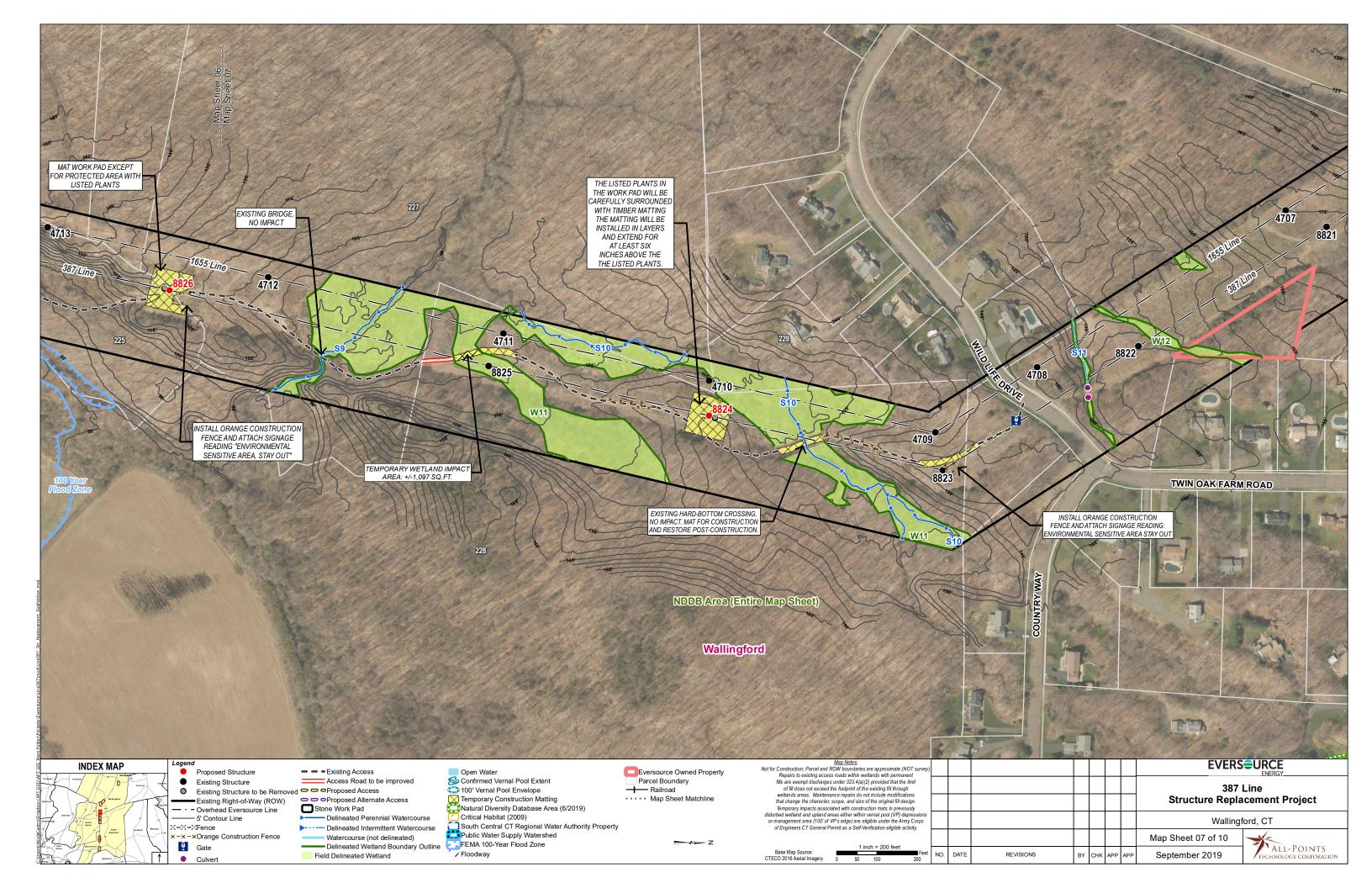
Line List Number	Owner Name	Parcel Address	City	
216	FIRE-LITE ALARMS INC C/O ALTUS GROUP U	593 CLINTONVILLE ROAD	NORTH HAVEN	
219	THE CONNECTICUT LIGHT AND POWER COMPANY (EVERSOURCE)	590 CLINTONVILLE ROAD	NORTH HAVEN	
225	132 CLINTONVILLE LLC	132 CLINTONVILLE ROAD	WALLINGFORD	
227	ANNA M KRUSE	1022 CLINTONVILLE ROAD	WALLINGFORD	
228	MARGERY NEWTON & NANCY N CLARK	406 WOODHOUSE AVENUE	WALLINGFORD	

<u>State</u>
СТ



Map Sheet 07 of 10 387 Line - Structure Replacement Project Abutters List

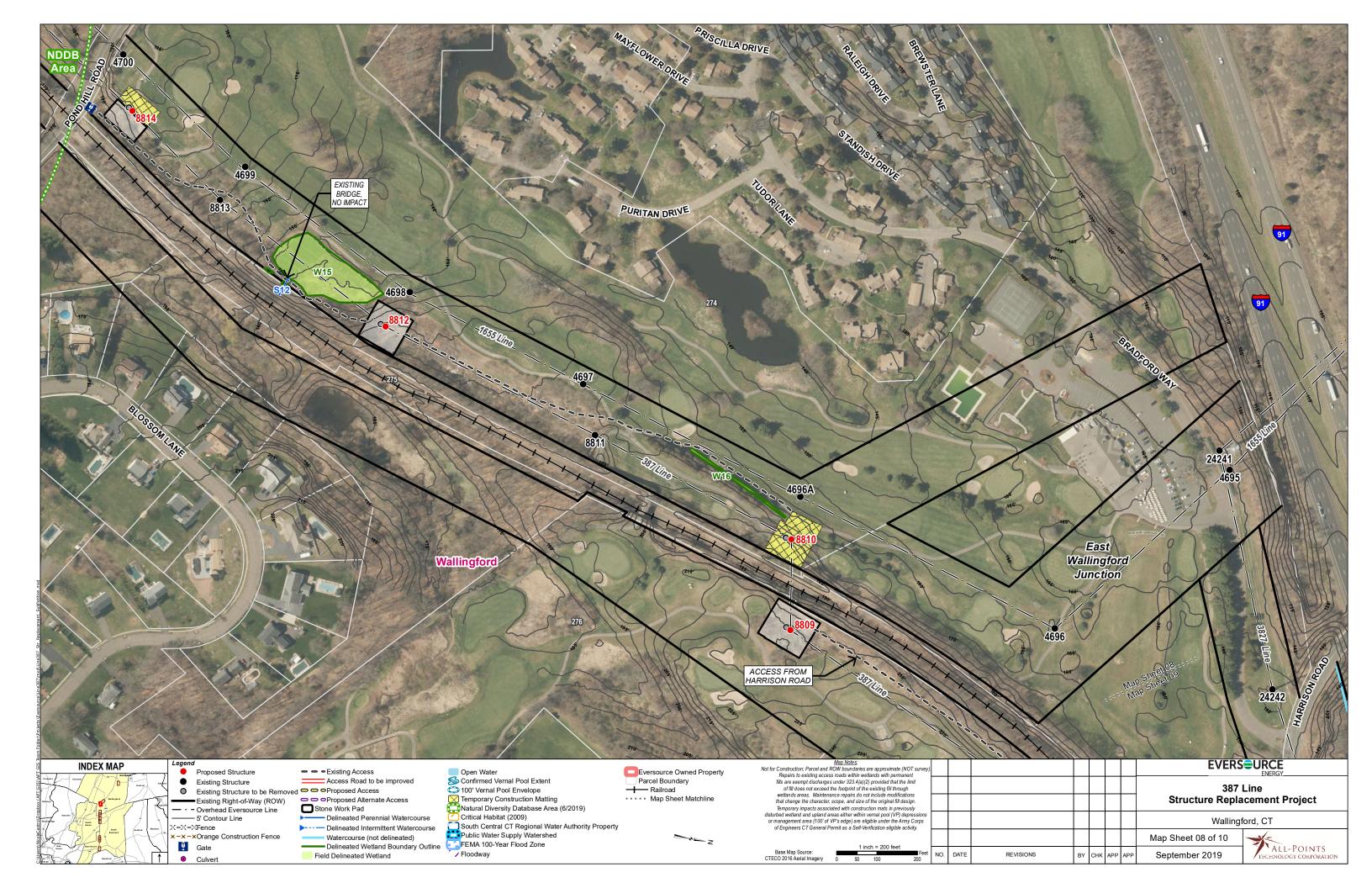
<u>Line List</u> <u>Number</u>	Owner Name	Parcel Address	<u>City</u>	<u>State</u>
225	132 CLINTONVILLE LLC	132 CLINTONVILLE ROAD	WALLINGFORD	СТ
227	ANNA M KRUSE	1022 CLINTONVILLE ROAD	WALLINGFORD	СТ
228	MARGERY NEWTON & NANCY N CLARK	406 WOODHOUSE AVENUE	WALLINGFORD	СТ
229	SCOTT A & SALLY G COMRIE	8 WILDLIFE DRIVE	WALLINGFORD	СТ



Map Sheet 08 of 10 387 Line - Structure Replacement Project Abutters List

<u>Line List</u> <u>Number</u>	Owner Name	Parcel Address	City	5
274	THE TRADITION GOLF CLUB AT WALLINGFORD LLC	37 HARRISON ROAD	WALLINGFORD	
275	TILCON CONNECTICUT INC	DURHAM ROAD	WALLINGFORD	
276	THE TRADITION GOLF CLUB AT WALLINGFORD LLC	HARRISON ROAD	WALLINGFORD	

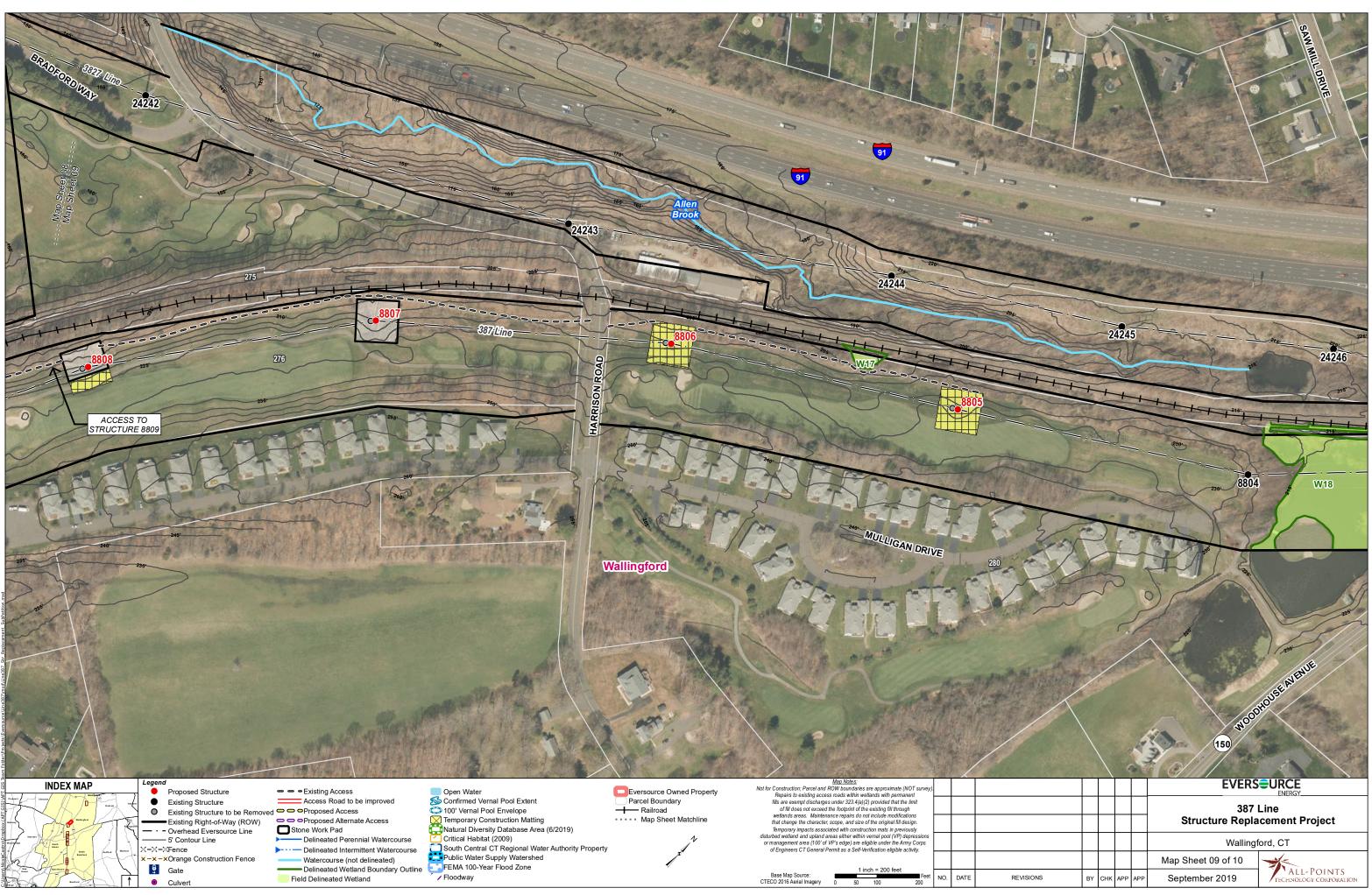
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Map Sheet 09 of 10 387 Line - Structure Replacement Project **Abutters List**

<u>Line List</u> <u>Number</u>	Owner Name	Parcel Address	<u>City</u>	<u>State</u>
275	TILCON CONNECTICUT INC	DURHAM ROAD	WALLINGFORD	СТ
276	THE TRADITION GOLF CLUB AT WALLINGFORD LLC	HARRISON ROAD	WALLINGFORD	СТ
280	FAIRWAYS AT HARBOR RIDGE CONDO ASSOCIATION (31 UNITS)	2-37 MULLIGAN DRIVE	WALLINGFORD	СТ

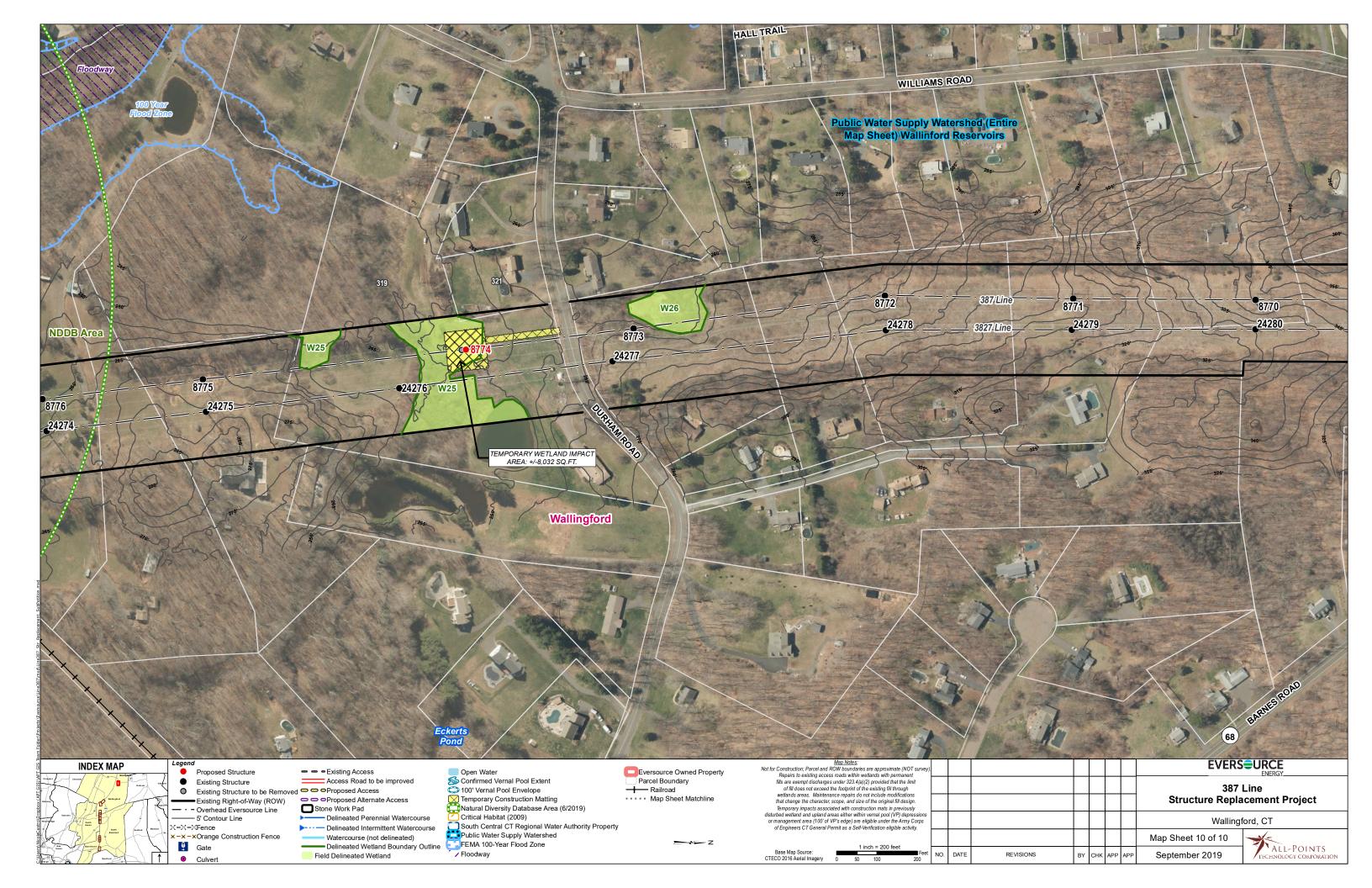
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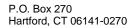
Map Sheet 10 of 10 387 Line - Structure Replacement Project **Abutters List**

<u>Line List</u> <u>Number</u>	Owner Name	Parcel Address	<u>City</u>	<u>State</u>
319	JULES JR & LAURE PERRAULT	1271 DURHAM RD	WALLINGFORD	СТ
321	ROBERT J & NANCY M HIGGINS	1259 DURHAM RD	WALLINGFORD	СТ

<u>State</u>
СТ
СТ



ATTACHMENT D ABUTTER LETTER AND PROOF OF NOTICE





September 9, 2019

Dear Neighbor,

As part of our everyday effort to deliver reliable energy to our customers and communities, we're planning work in your area to replace electric transmission structures. Maintaining the infrastructure that supports the electric lines is one of the ways Eversource ensures the safe, secure transmission of electricity throughout the region.

You're receiving this letter and a copy of the Sub-Petition because the proposed work would be taking place within the right of way on or near your property in North Branford, East Haven, North Haven, and Wallingford. A Sub-Petition is a document with detailed information about the proposed upgrades. Eversource is submitting Sub-Petition No. 1293-NBEHNHW-01 this week to the Connecticut Siting Council (CSC) for its review and approval.

About This Electric System Improvement: What You Can Expect

First, we want you to know that this work will not interrupt electric service to your property.

As part of this project, we are proposing to replace, and slightly increase the height of the existing wood structures. The new, weathering steel structures will increase in height by 10 feet or less, depending on the location.

We are proposing to do the work within the existing rights of way on or near your property. The new structures will provide continued reliability of the transmission system.

Connecticut Siting Council Process and Timing

With this letter, Eversource is providing notice to you of its proposed work activity, as described in the enclosed Sub-Petition. If you have any comments or concerns about the project, please send them to the CSC at the following address within 30 days of the date of this letter: Melanie Bachman, Acting Executive Director; Connecticut Siting Council; Ten Franklin Square; New Britain, CT 06051. You may also email them to the siting.council@ct.gov. If you choose to send comments to the CSC, please reference Sub-Petition No. 1293-NBEHNHW-01 in your correspondence.

Our Commitment to You

We are committed to be a good neighbor and doing our work with respect for you and your property. If you would like more information about this work please call 1-800-793-2202, or send an email to ProjectInfo@eversource.com. Thank you.

Sincerely,

Jared Kupiec

Jared Kupiec Eversource Project Manager – Transmission Projects

AFFIDAVIT OF SERVICE OF NOTICE

STATE OF CONNECTICUT

COUNTY OF HARTFORD

ss. Hartford

In accordance with Condition 2 of the Connecticut Siting Council's ("Council") March 31, 2017 declaratory ruling on Petition No. 1293, I hereby certify that on September 09, 2019, I caused notice of the proposed maintenance activities including a copy of the Sub-Petition No.1293-NBEHNHW-01 of The Connecticut Light and Power Company dba Eversource Energy ("Eversource") to be served on the municipalities listed below and 27 abutters. The notice of the proposed maintenance activities states that comments or concerns regarding the maintenance activities described in the Sub-Petition should be submitted to the Council within 30 days of the date of such notice.

Municipal Officials:

Town of North Branford Michael T. Paulhus, Town Manager 909 Foxon Road North Branford CT 06471

Town of East Haven Joseph Maturo, Mayor 250 Main Street East Haven, CT 06512 Town of North Haven Michael Freda, First Selectman 18 Church Street North Haven, CT 06473

Town of Wallingford William Dickinson, Jr., Mayor 45 South Main Street Wallingford, CT 06492

James L. Smith Project Siting Specialist

On this the ______ day of September, 2019, before me, the undersigned representative, personally appeared, James L. Smith, known to me (or satisfactorily proven) to be the person whose name is subscribed to the foregoing instrument and acknowledged that he executed the same for the purposes therein contained.

In witness whereof, I hereunto set my hand and official seal.

Notary Public My Commission expires:

