

July 23, 2018

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

RE: The Connecticut Light and Power Company's Notice of Exempt Modification Pursuant to RCSA § 16-50j-57(a) to Existing Energy Facility Site at 50 Stepstone Hill Road in the Town of Guilford, Connecticut ("Notice of Exempt Modification")

Dear Melanie Bachman:

The Connecticut Light and Power Company dba Eversource Energy ("Eversource") hereby gives notice to the Connecticut Siting Council of its intent to undertake an exempt modification in accordance with Section 16-50j-57(a) of the Regulations of Connecticut State Agencies ("RCSA") for the modification to Eversource's Stepstone Substation described herein.

Proposed Modification

The proposed modification would take place within the existing fenced area at Eversource's Stepstone Substation ("Substation"), located on Eversource property at 50 Stepstone Hill Road in the Town of Guilford, Connecticut. The Substation is a 115- to 23-kV facility with one 115- to 23-kV transformer, two 115-kV transmission circuits, three 23-kV circuits and two 23- to 13.8-kV transformers.

Eversource proposes the following modification to the Substation:

- Installation of one new step down 115- to 23-kV (62.5 megavolt ampere) transformer.
- Installation of one new 115-kV motor-operated disconnect switch.
- Removal of the existing distribution 23-kV station service.
- Installation of 23-kV distribution equipment (double-bus switchgear enclosure, tie breakers, relays, and potential transformers).

- Installation of foundations and relay/control cables to accommodate the new equipment.

The existing substation arrangement with the proposed modification is shown on Attachment A, Drawing No. 16002-92001 – Stepstone –Yard Arrangement Plan & Sections – Connecticut Siting Council.

The proposed modification would not have a substantial adverse environmental effect or cause a significant adverse change or alteration in the physical or environmental characteristics of the Substation because:

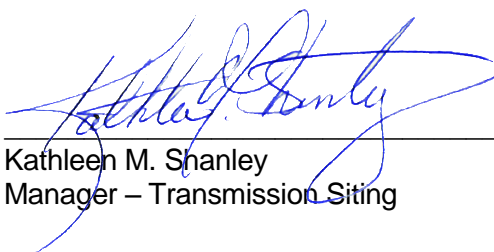
- The modification would be made within the Substation’s existing fenced area and would not impair the structural integrity of the facility.
- The new equipment would be shorter than the tallest existing structure within the Substation and would not cause any significant adverse change in the physical or environmental characteristics of the Substation.
- The work would not affect wetlands or waterways. The Substation is not in a flood zone.
- Eversource’s review of the Department of Energy and Environmental Protection’s Natural Diversity Data Base (“NDDB”) identified no state-listed endangered, threatened, or special concern species in the vicinity of the Substation.
- There would be no increase in television or radio interference resulting from the modification.
- Sound-pressure levels at all points along the property line would continue to meet state regulations.
- Electric and magnetic field levels at the Substation boundary would not change as a result of the modification.

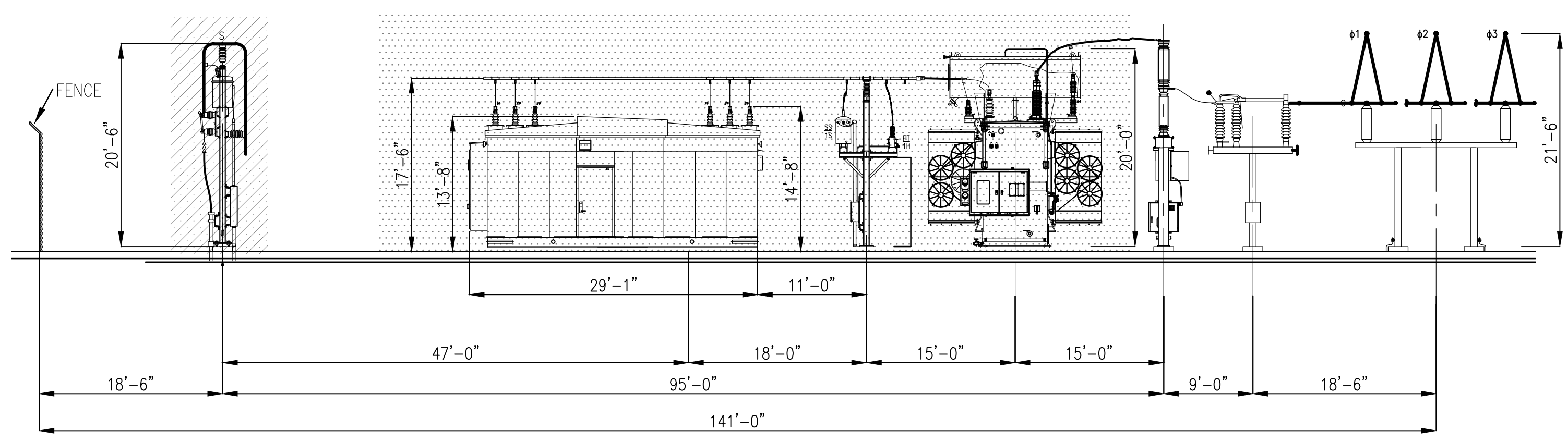
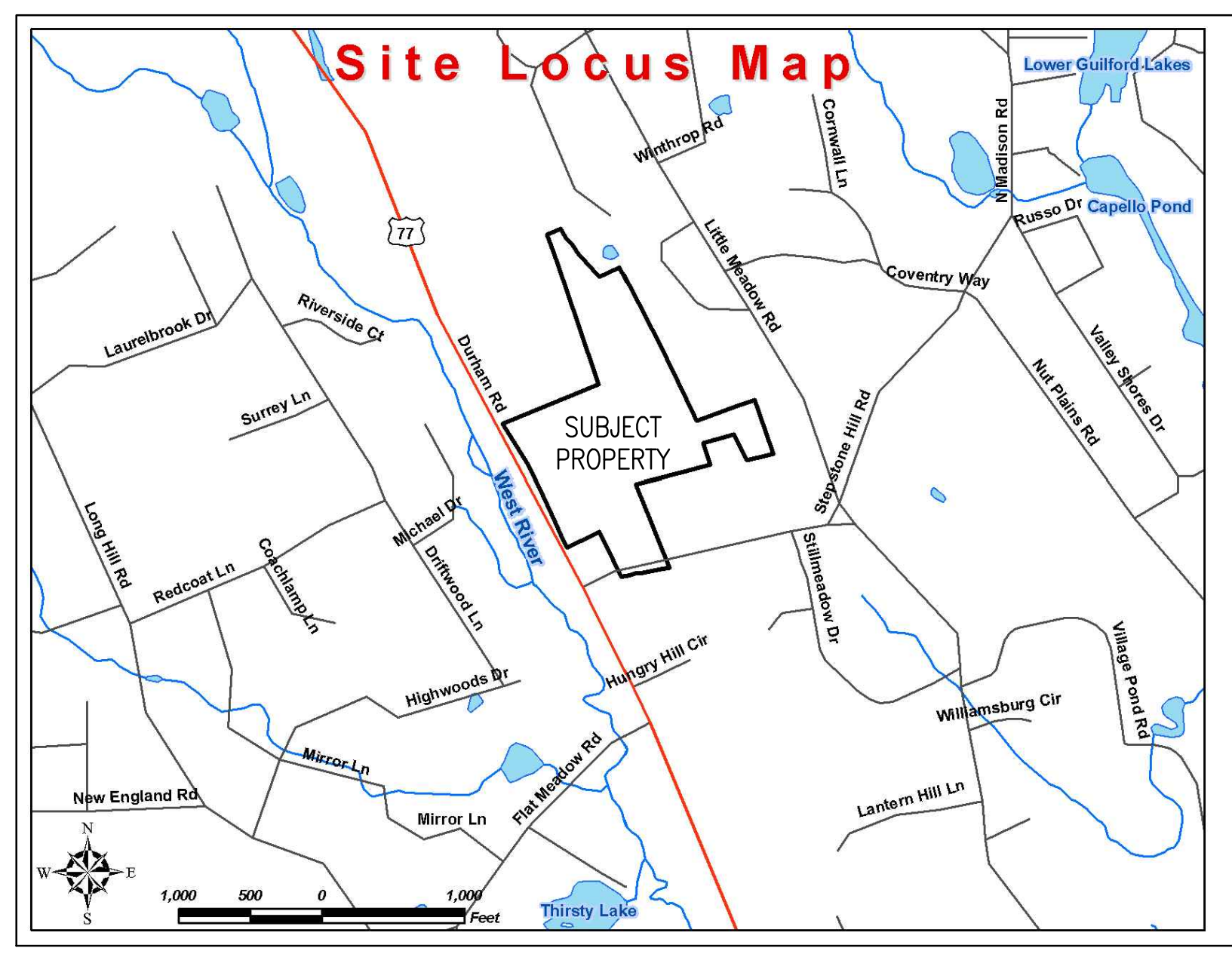
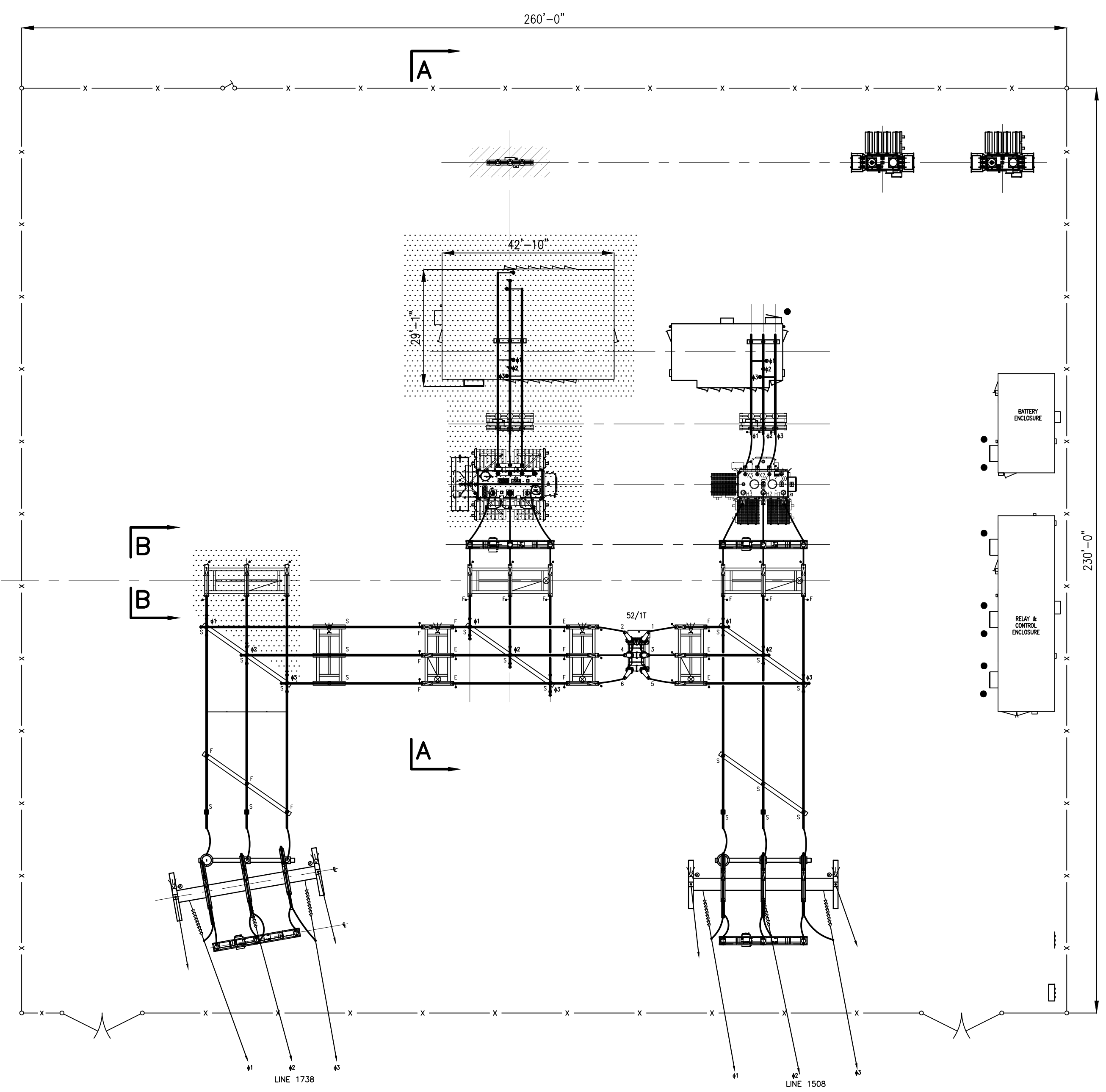
Eversource proposes to commence construction in late August 2018. Work is scheduled to be completed by December 2019.

Enclosed are two (2) copies of this Notice of Exempt Modification along with the filing fee of \$625.00.

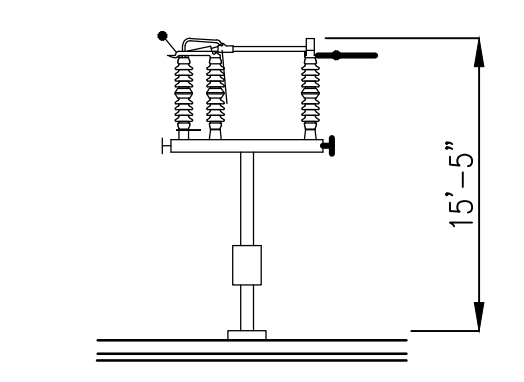
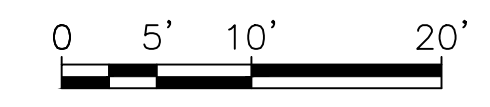
A notice of the exempt modification filing has been provided to the First Selectman of Guilford.

Communications regarding this Notice of Exempt Modification should be directed to Kathleen M. Shanley at (860) 728-4527.

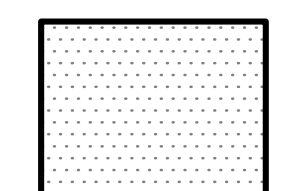
By: 
Kathleen M. Shanley
Manager – Transmission Siting



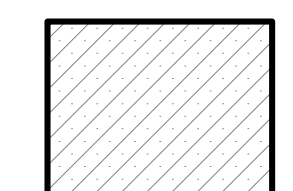
ELEVATION "A-A"



ELEVATION "B-B"



PROPOSED 2018
SUBSTATION
ADDITIONS



PROPOSED 2018
SUBSTATION
REMOVALS

AS BUILT

REVISIONS DURING CONSTRUCTION			

EVERSOURCE
ENERGY

STEPSTONE
YARD ARRANGEMENT PLAN & SECTIONS
CONNECTICUT SITING COUNCIL
GUILFORD, CT

BY	MG	CHKD	MG	APP	APP
DATE	06/18	DATE	06/18	DATE	06/18
H-SCALE	1/16" = 1'-0"	SIZE	D	FIELD BOOK & PAGES	
V-SCALE	N.T.S.	V.S.		R.E. DWG	
R.E. PROJ. NUMBER		DWG NO.			

NO.	DATE	AS BUILT REVISIONS	BY	CHK	APP	APP