

February 22, 2016

Robert Stein, Chairman
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

RE: Notice of Exempt Modification Pursuant to RCSA § 16-50j-57(a) to Existing Energy Facility Site at 16 Walnut Hill Road in the Town of Bethel, Connecticut (“Notice of Exempt Modification”)

Dear Chairman Stein:

The Connecticut Light and Power Company doing business as Eversource Energy (“Eversource”) hereby gives notice to the Connecticut Siting Council of its intent to undertake modifications to Eversource’s Plumtree Substation (“Project”) described herein.

Proposed Modifications

The Project would take place at Plumtree Substation (“Substation”) which is located on Eversource’s property at 16 Walnut Hill Road in the Town of Bethel. The Substation is a 345- to 115- to 13.8-kV facility with two 345-kV transmission lines, two 345 to 115-kV autotransformers, five 115-kV transmission lines, one 115- to 13.8-kV transformer and three 13.8-kV circuits.

Eversource proposes the following modifications:

- a) Replacement of one existing 115-kV oil-filled circuit breaker with a new dual 115-kV sulfur hexafluoride (SF₆) circuit breaker with an integrated ground switch on the existing foundations. Installation of two circuit breaker control cabinets for the SF₆ dual circuit breaker on a new foundation next to the breaker.
- b) Replacement of an existing 115-kV disconnect switch and related bus support with a new underhung 115-kV disconnect switch mounted on the existing terminal structure.

The proposed modifications are shown on Drawing No. 10304-92001 – Plumtree Yard Arrangement – Plan & Sections.

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

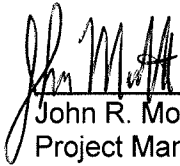
- All modifications would be made within the Substation's existing fenced area.
- All new equipment would be shorter than the tallest existing equipment within the Substation.
- The Project would not affect wetlands or waterways and is not in a flood zone.
- Eversource's review of the Department of Energy and Environmental Protection's Natural Diversity Data Base ("NDDDB") identified no state-listed endangered, threatened, or special concern species in the vicinity of the Substation.
- There would be no television or radio interference caused by the modifications.
- Sound-pressure levels at all points along the property line would continue to comply with state regulations.
- Electric and magnetic field levels at the Substation boundary would not change as a result of the modifications.

Eversource proposes to commence construction in March 2016. Work is scheduled to be completed by December 2016.

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

A notice has been provided to the First Selectman Matt Knickerbocker.

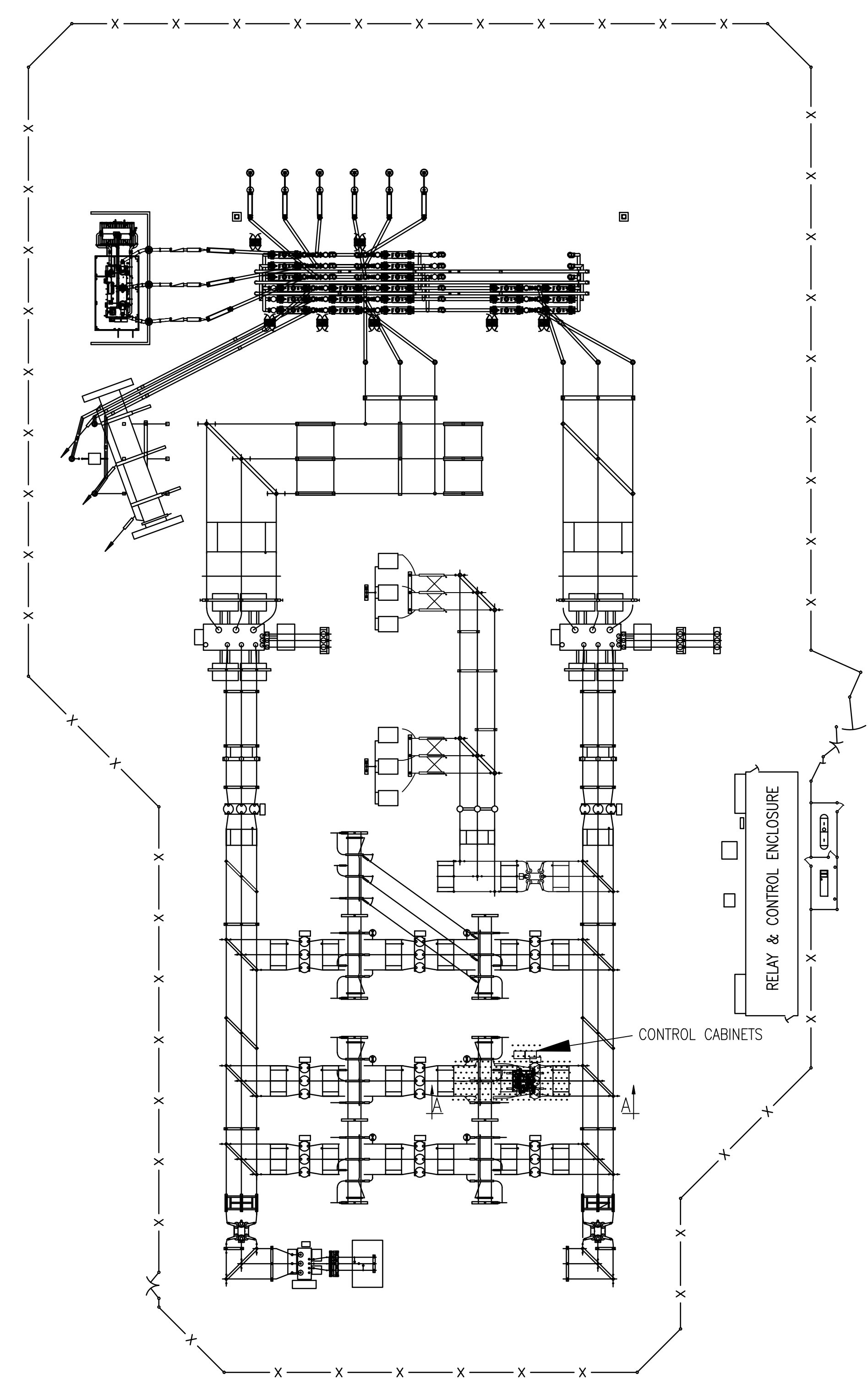
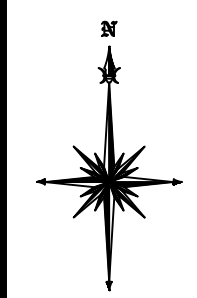
Communications regarding this Notice of Exempt Modification should be directed to John Morissette at (860) 728-4532.

By:  _____
John R. Morissette
Project Manager – Transmission Siting - CT

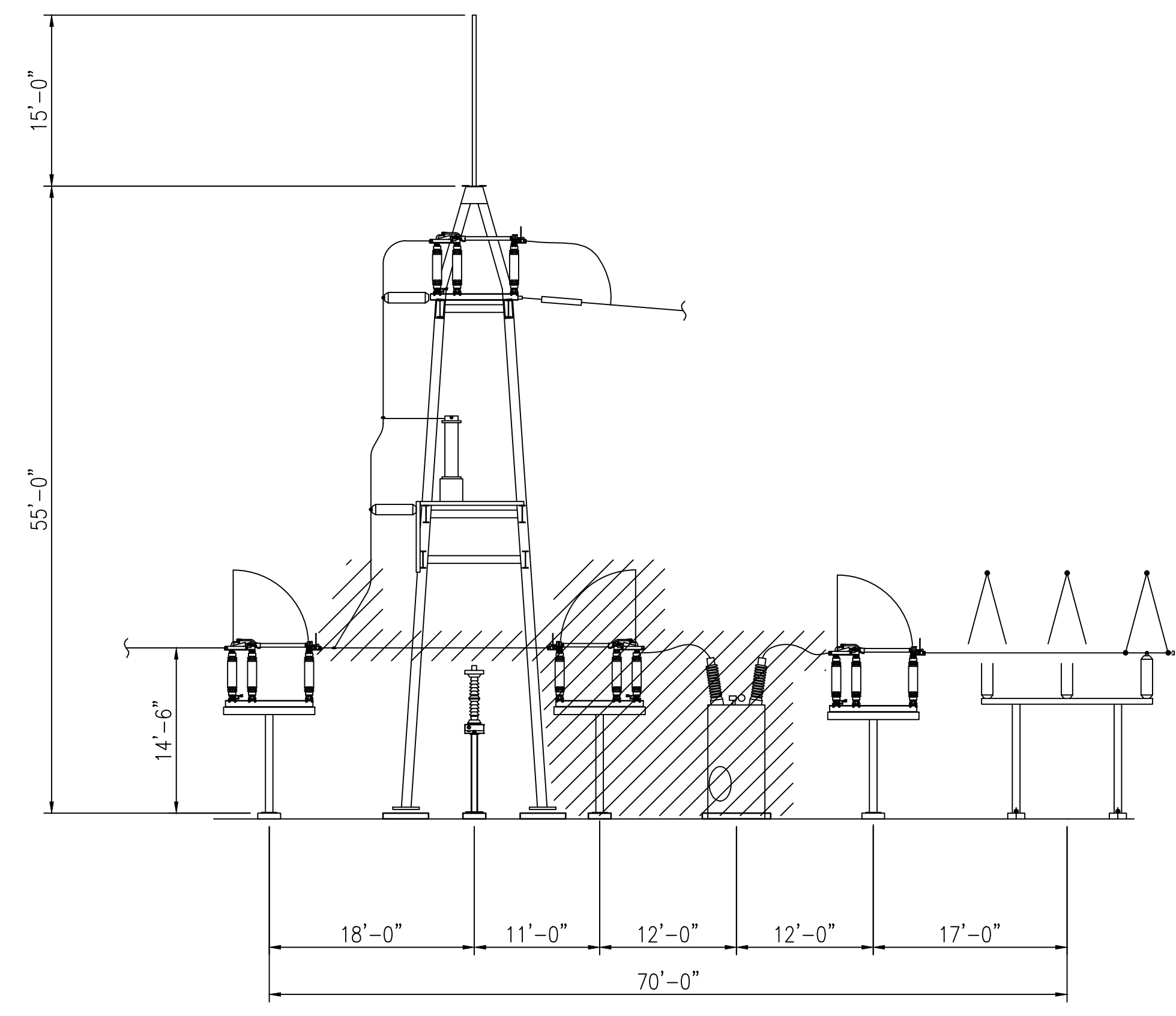
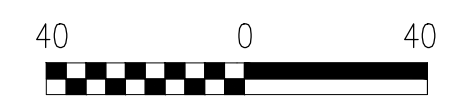
cc: First Selectman Matt Knickerbocker, Town of Bethel

Attachment:

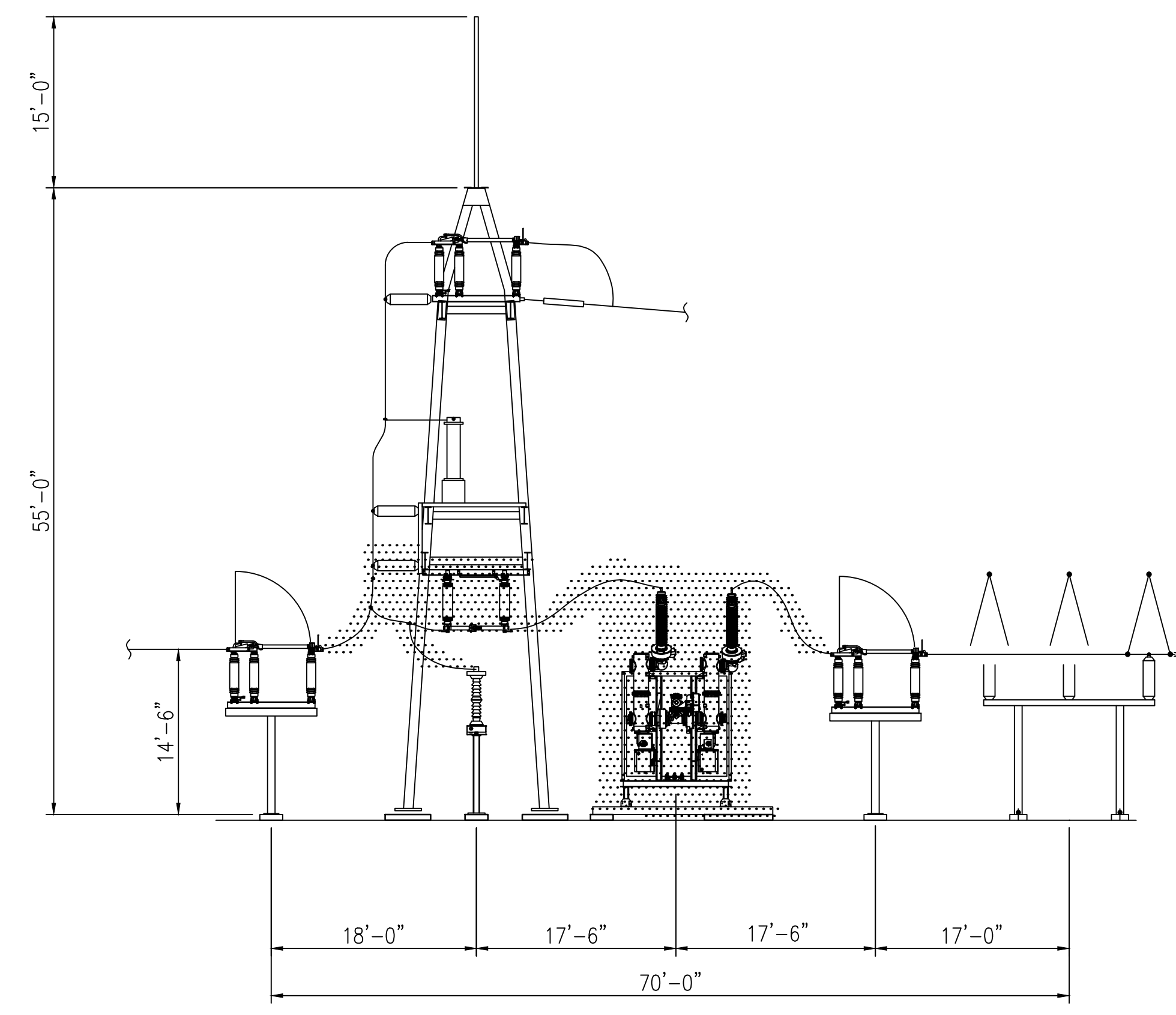
Attachment A: Drawing No. Drawing No. 10304-92001 – Plumtree Yard Arrangement – Plan & Sections



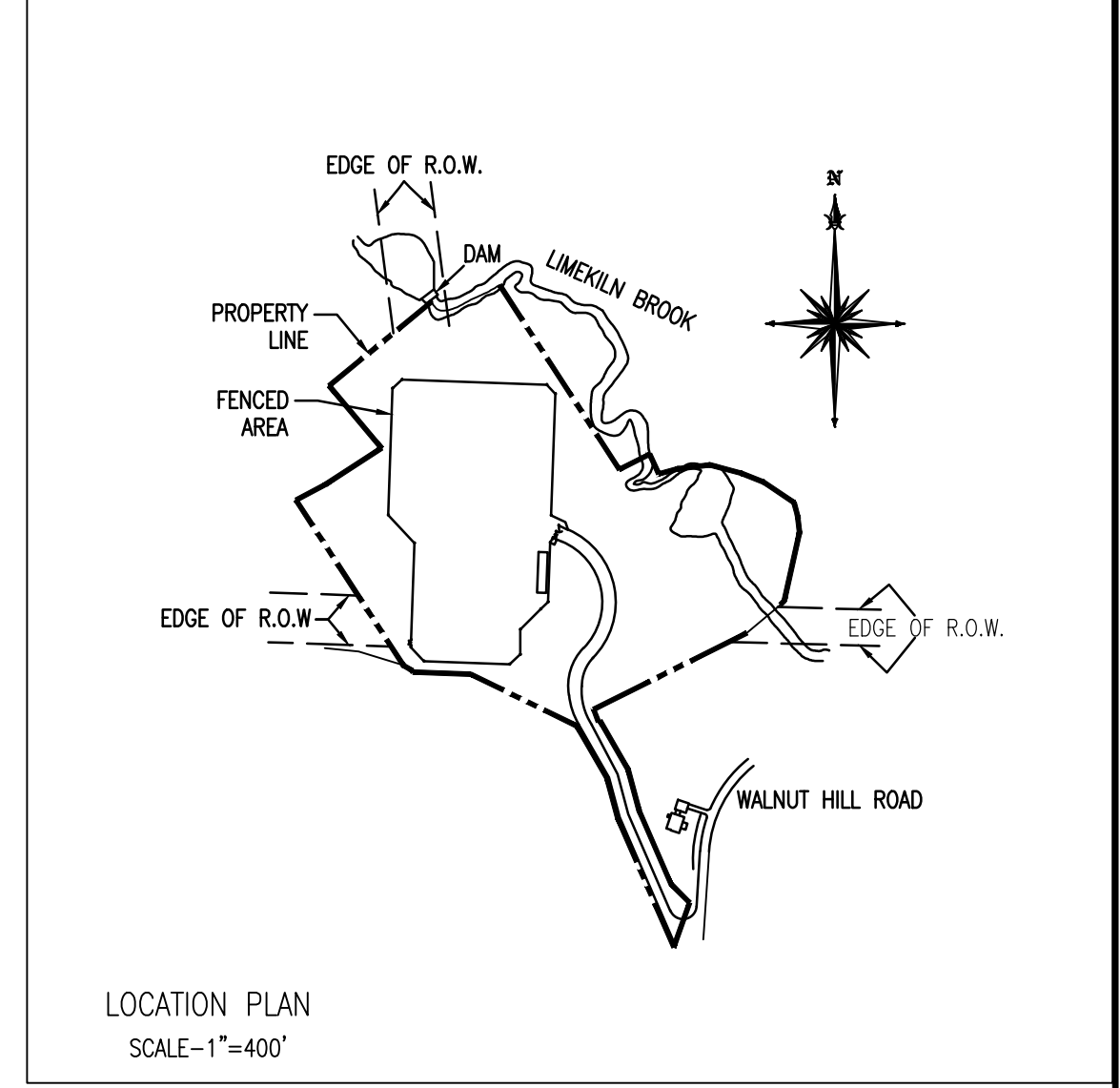
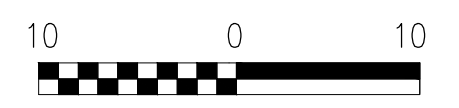
PLAN
2016 ADDITIONS
SCALE - 1"=40'-0"



SECTION A-A
2016 REMOVAL
SCALE - 1"=10'-0"



SECTION A-A
2016 ADDITION
SCALE - 1"=10'-0"



LOCATION PLAN
SCALE - 1"=400'



2016 PROPOSED ADDITIONS 2016 TO BE REMOVED



REVISIONS DURING CONSTRUCTION					
NO.	DATE	BY	DESCRIPTION	APP.	DATE

EVERSOURCE ENERGY

TITLE
**PLUMTREE SUBSTATION
YARD ARRANGEMENT - PLAN & SECTIONS
CONNECTICUT SITING COUNCIL
BETHEL, CT**

BY	CHKD	REM	APP	LEG	APP	ALG	
KPKR							
DATE	6/02	DATE	6/02	DATE	6/02	DATE	6/02
H-SCALE	AS NOTED	SIZE	D	FIELD BOOK & PAGES			
V-SCALE	AS NOTED	V.S.		R.E. DWG			
R.E. PROJ. NUMBER				DWG NO.	10904-92001		