



VIA FEDEX AND ELECTRONIC MAIL

9/13/2017

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

Re: **The United Illuminating Company's Notice of Exempt Modification Pursuant to R.C.S.A. § 16-50j-58 to Existing Energy Facility Site at 1677 Seaview Avenue** in the City of Bridgeport ("Notice of Exempt Modification")

Dear Chairman Stein:

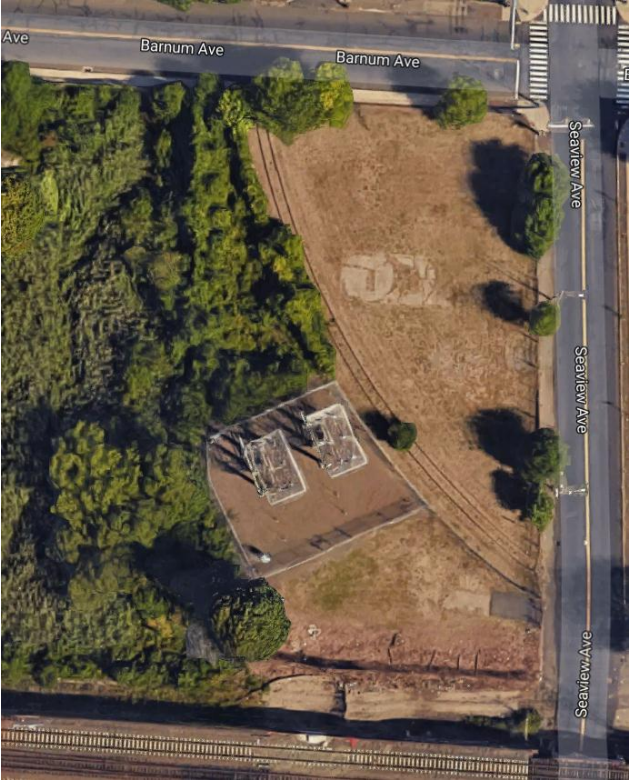
Pursuant to Regulations of Connecticut State Agencies ("R.C.S.A.") §16-50j-58, The United Illuminating Company ("UI" or "Company") hereby notifies the Connecticut Siting Council (the "Council") of its intent to make exempt modifications to its substation at Seaview Tap Substation ("Facility" or "Energy Facility"). The \$625 filing fees, along with 2 copies of this Notice of Exempt Modification, are enclosed herewith.

Existing Energy Facility

The Facility is located at 1677 Seaview Avenue in the City of Bridgeport, CT at 41.186093 and Λ -73.170558 and is bounded as follows:

BEGINNING at a point on the westerly street line of Seaview Avenue 224.76 feet southerly of the southwest corner of Barnum Avenue and Seaview Avenue when measured along said westerly street line of Seaview Avenue; then continuing southerly along said street line for a distance of 39.72 feet to a point; thence westerly along a line making an interior angle of $85^{\circ}-07'-20''$ with said westerly street line of Seaview Avenue for a distance of 137.37 feet to a point; thence northerly along a line making an interior angle of $92^{\circ}-20'-10''$ with the last described line for a distance of 39.39 feet to a point; thence again northerly along a line making an interior angle of $212^{\circ}-26'-12''$ with the last described line for a distance of 47.41 feet to a point; thence again northerly along a line making an interior angle of $154^{\circ}-27'-38''$ with the last described line for a distance of 187.46 feet to a point on the southerly street line of Barnum Avenue; thence easterly along the southerly street line of Barnum Avenue making an interior angle of $80^{\circ}-49'-40''$ with the last described line for a distance of 33.90 feet to a point; thence southerly and easterly along the arc of a curve having a radius of 355.00 feet for a distance of 303.52 feet to the point of beginning.

Existing yard structures are approximately 73'-0" high and are enclosed in a fenced and graveled area of 0.13 acres +/-



Existing Seaview Tap Substation Yard Google maps, 2017

Proposed Modifications

UI proposes to install grounding conductors and ground rods within the substation yard and on UI property to comply with IEEE standard 80. Items shown as 'HOLD' in attached drawing 24203-400 are to be completed at a later date.

As the proposed modifications relate solely to improving system maintenance, the changes will not impact the existing Facility's structural capability or impact electric and magnetic fields or noise levels.

Compliance with R.C.S.A. § 16-50j-57(b)

Pursuant to R.C.S.A. § 16-50j-57(b), the proposed changes do not constitute a modification to an existing facility that may have a substantial adverse environmental effect and are exempt from the requirement to obtain a certificate pursuant to Section 16-50k of the Connecticut General Statutes. Specifically, consistent with R.C.S.A. § 16-50j-57(b), the proposed changes to the existing site do not:

- (A) Extend the boundaries of the site beyond the existing fenced compound;
- (B) Increase the height of existing associated equipment;
- (C) Increase noise levels at the site boundary by 6 decibels or more, or to levels that exceed state and local criteria;
- (D) Impact electric and magnetic field levels at the site boundary in a manner that is inconsistent with the Council's Best Management practices for Electric and Magnetic Fields;
- (E) Cause a significant adverse change or alteration in the physical or environmental characteristics of the site; or
- (F) Impair the structural integrity of the facility, as determined in a certification provided by a professional engineer licensed in Connecticut, where applicable.

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:

- (A) The proposed changes would be located within the Substation's existing fence line; the Substation's fenced area would not be expanded.
- (B) The equipment would be no taller than existing equipment within the Substation.
- (C) There would be no change to the existing television or radio interference resulting from the modifications of the Substation.
- (D) Sound-pressure levels at all points along properties lines would continue to meet state regulations set out in R.C.S.A. §§ 22a-69-1 et seq.
- (E) The project work would not affect water resource areas.
- (F) UI's review of the Connecticut Department of Energy and Environmental Protection's ("CT DEEP") Natural Diversity Data Base did not identify any state-listed endangered, threatened, or special concern species in the vicinity of the Project.
- (G) Electric and Magnetic field levels at the Substation boundary would not change as a result of the modifications.

UI intends to initiate the Seaview Tap ground grid enhancement project on or after the Council's acknowledgement that the proposed activities are exempt.

Please do not hesitate to contact me at 203-499-2586 should you have any questions regarding this notice.

Very truly yours,

A handwritten signature in blue ink, appearing to read 'Amy Hicks', with a stylized flourish at the end.

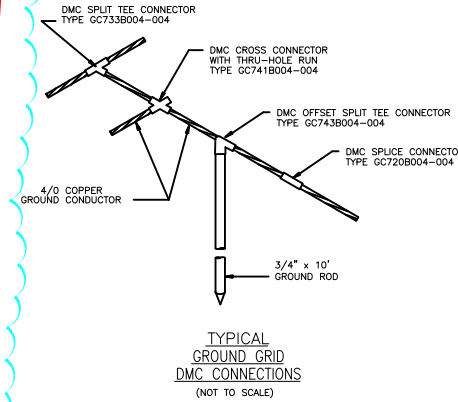
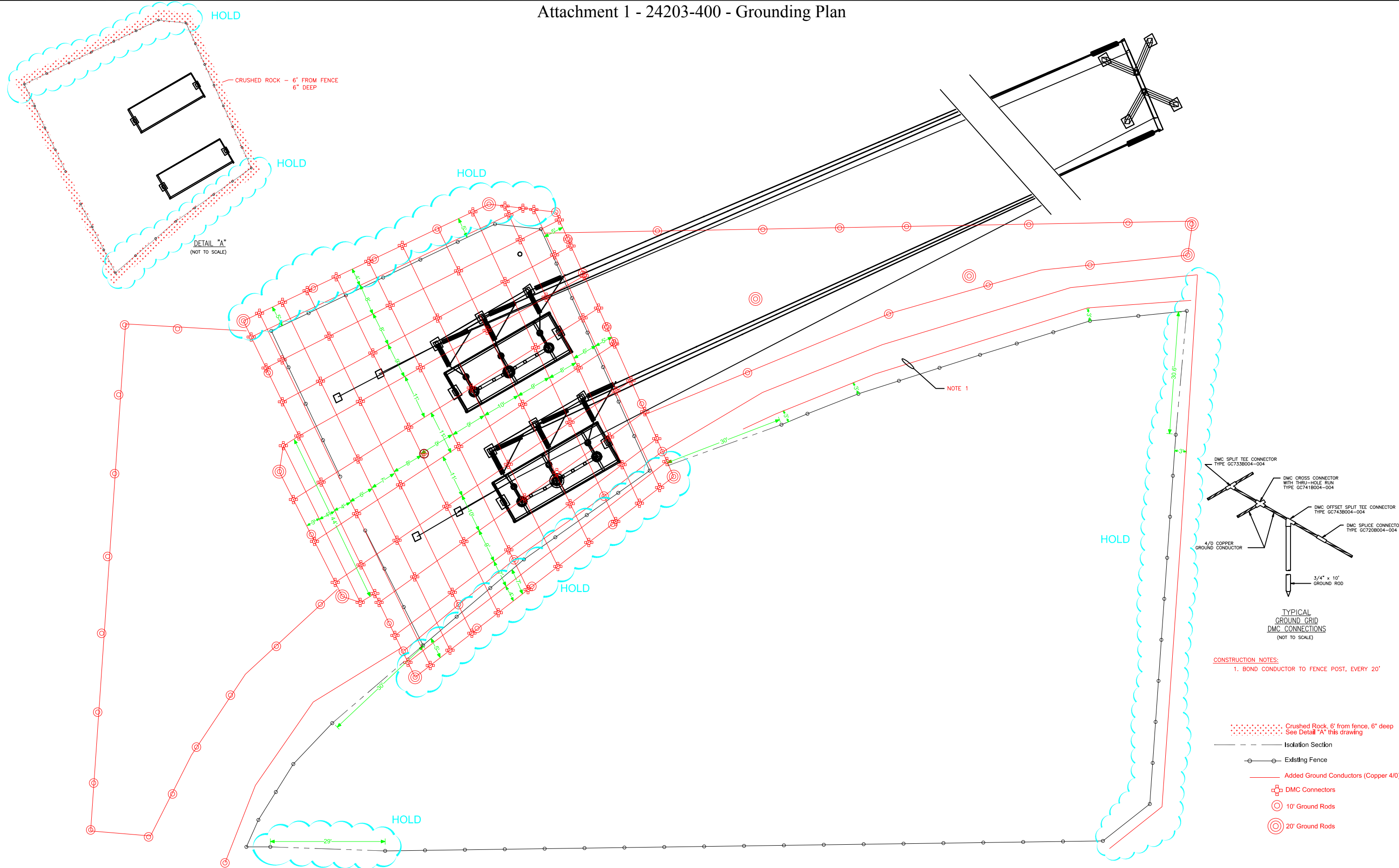
Amy Hicks
Analyst
The United Illuminating Company

cc: Mayor Joseph P. Ganim, City of Bridgeport
James R. Morrissey, UIL Holdings, Attorney for The United Illuminating Company

Attachments:
Attachment 1: Drawing No. 24203-400 - Grounding Plan

Attachment 1

Attachment 1 - 24203-400 - Grounding Plan



CONSTRUCTION NOTES:
1. BOND CONDUCTOR TO FENCE POST, EVERY 20'

- Crushed Rock, 6' from fence, 6" deep
See Detail "A" this drawing
- Isolation Section
- Existing Fence
- Added Ground Conductors (Copper 4/0)
- ⊕ DMC Connectors
- 10' Ground Rods
- ⊗ 20' Ground Rods

DOES NOT CONTAIN
CRITICAL ENERGY INFRASTRUCTURE INFORMATION
DATE OF REVIEW 3/2016 BY MCC

No	Date	Revision	By	Chkd.	Engr.	Supv.
1	3/2016	GROUND GRID ENHANCEMENT PROJECT	VJP	MCC	MCC	RSA



GROUNDING PLAN	
SEA VIEW TAP	
CAD FILE NAME	SEQUENCE No.
089303	24203-400
Drawn	Date
VJP	3/28/2016
Chkd.	Scale:
MCC	NONE
Design Engr.	Design Supv.
MCC	RSA