



**Northeast  
Utilities System**

107 Selden Street, Berlin CT 06037

Northeast Utilities Service Company  
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Hartford, CT 06141-0270  
(860) 665-5000

February 8, 2006

Ms. Pamela B. Katz  
Chairman  
Connecticut Siting Council  
10 Franklin Square  
New Britain, CT 06051

Re: Docket No. 272 D&M Plans

Dear Ms. Katz:

This letter provides the response to requests for the information listed below.

Response to CSC-02 Interrogatories dated 01/27/2006  
D&M - 007 , 008 , 010

Very truly yours,

Anne Bartosewicz  
Project Director  
Transmission Business  
NUSCO  
As Agent for CL&P

AB/tms  
cc: Service List

**The Connecticut Light and Power Company  
Docket No. D&M Plans**

**Data Request CSC-02  
Dated: 01/27/2006  
Q- D&M-007  
Page 1 of 1**

**Witness: NO WITNESS  
Request from: Connecticut Siting Council**

**Question:**

Is the five-foot excavation below sub-grade needed for construction of foundations? If not explain.

**Response:**

The depth of excavation relates directly to safety and constructability.

Foundation footings must have enough depth to be below the frost line for adequate soils support, and be deep enough for the ground grid and buried raceways to pass over its base. A five-foot over-excavation meets these requirements.

In addition, all structures and equipment within the switching station must be well grounded to provide for personnel safety. Providing a top layer of soil improves the conditions for designing adequate grounding.

**The Connecticut Light and Power Company  
Docket No. D&M Plans**

**Data Request CSC-02  
Dated: 01/27/2006  
Q- D&M-008  
Page 1 of 1**

**Witness: NO WITNESS  
Request from: Connecticut Siting Council**

**Question:**

Provide plan identifying location and associated structures (i.e. sound buffer and fuel storage and containment) for the emergency generator. Identify the size and fuel for the emergency generator.

**Response:**

Exhibit 3 of the Beseck Switching Station D&M Plan provides the conceptual arrangement of the Switching Station. It is anticipated that the standby generator will be located near the Equipment Enclosure in the southwest corner of the yard. However, the exact location has not been determined. The generator will be sized to supply a station load of approximately 150kW. The fuel type is Liquid Propane (LP) gas. Fuel storage will be in an above grade cylindrical shaped tank with approximate dimensions of 3 feet diameter, by 10 feet long. No fuel spill-containment will be provided. The generator will comply with applicable State noise control Regulations.

**The Connecticut Light and Power Company  
Docket No. D&M Plans**

**Data Request CSC-02  
Dated: 01/27/2006  
Q- D&M-010  
Page 1 of 2**

**Witness: NO WITNESS  
Request from: Connecticut Siting Council**

**Question:**

Using the Landscaping plan identify pole numbers and structure numbers and schedule for removal of such structures.

**Response:**

An updated landscaping plan (Exhibit 8) is attached. The drawing has been updated to show structure and line numbers as requested. In addition, some duplicate structures and lines have been removed.

The periods for removals of existing structures are as follows under the present construction schedule:

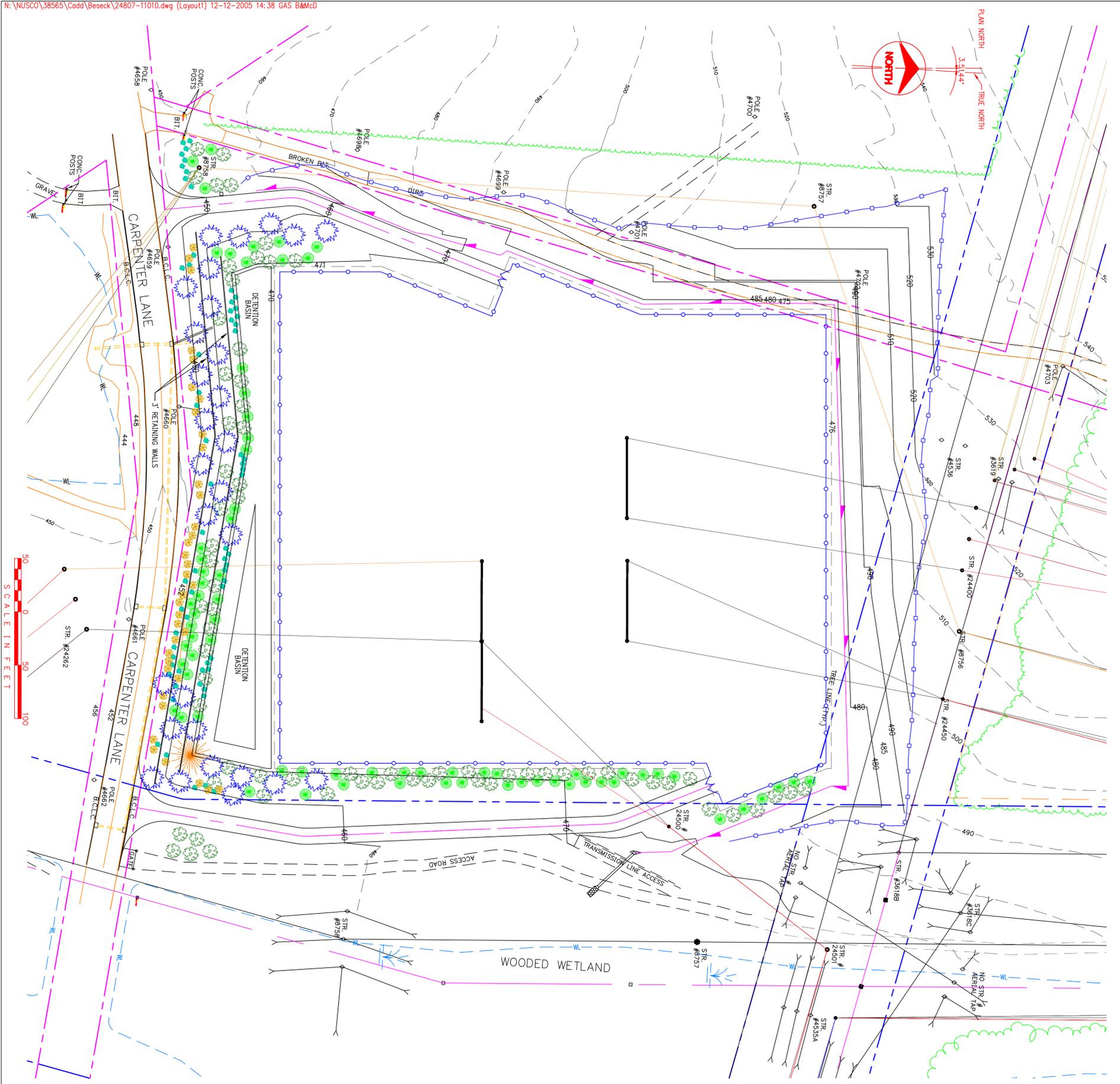
South line of bundled 1975 circuit - 5/11/07 to 8/20/07  
Structure #4535A and aerial taps

1466 line - 7/6/07 to 8/2/07  
Structures #3618B, 3618C and 3619

387 line - 1/22/08 to 2/18/08  
Structures #8758 and 8757



24807-EXHIBIT 8 COLOR.pdf



**NOTES:**

All plant material shall be nursery grown and shall conform to the American Standard for Nursery Stock published by the American Association of Nurserymen.  
 All plants shall be delivered to the site securely balled in burlap or in original containers, with all labels intact. All plants must be free of disease and insects, and will be inspected on the site by the Owner's Representative prior to planting.  
 The Owner's Representative reserves the right to reject any plants not in conformance with the specifications or in unacceptable condition.  
 Contractor shall stake all planting locations and receive approval of all locations from the Owner's Representative prior to planting.  
 All trees and shrubs shall be mulched individually with 4 to 6 inches depth of wood chips per NU Specifications for Landscaping.  
 All plant material shall be guaranteed for one year after planting, and contractor shall maintain the planting including all watering, weeding, or other maintenance necessary for a period of one year after planting. Contractor will provide watering, weeding, cultivating, spraying, and pruning necessary to keep plant materials in a healthy growing condition.  
 No plant shall be placed inside the top of slope of the detention basin. All damage to the detention basin Cloymax liner shall be repaired as specified.

**LANDSCAPE LEGEND**

SYMBOL	QUANTITY	NAME	SIZE
	30	WHITE PINE (Pinus strobus)	5'-6' HT
	69	RED CEDAR (Juniperus virginiana)	4'-5' HT
	37	APPLE SERVICEBERRY (Amelanchier x grandiflora)	3 1/2'-4' HT
	72	DARK AMERICAN ARBROVITAE (Thuja occidentalis 'Nigra')	4'-5' HT
	1	NORWAY SPRUCE (Picea abies)	6'-8' HT
	64	Viburnum (in variety-Blackhaw, Arrowwood, Nannyberry)	1 1/2'-2' HT

**ABBREVIATIONS**

WL - WETLAND  
 TOS - TOP OF SLOPE

LEGEND	SYMBOL	DESCRIPTION
PROPERTY LINE		PROPERTY LINE
EASEMENT		EASEMENT
FENCE		FENCE
TOP OF SLOPE		TOP OF SLOPE
EXISTING MAJOR CONTOUR		EXISTING MAJOR CONTOUR
FINISHED GRADE CONTOUR		FINISHED GRADE CONTOUR
FLOWLINE		FLOWLINE
OUTVERT		OUTVERT
DROP INLET		DROP INLET
TRANSMISSION LINE POLE		TRANSMISSION LINE POLE
OVERHEAD TRANSMISSION LINE		OVERHEAD TRANSMISSION LINE
WOODED WETLAND		WOODED WETLAND
WOODED WETLAND BOUNDARY		WOODED WETLAND BOUNDARY

REFERENCE DRAWINGS  
 22331-5-12-05 TOPOGRAPHIC SURVEY

NO CHANGES  
 GENERATED  
 MAKE NO  
 MANUAL  
 CHANGES

BEFORE CHANGES		VOID DWG.	
AFTER CHANGES		NO BEFORE DWG.	
REVISIONS DURING CONSTRUCTION			
<b>NORTHEAST UTILITIES SERVICE CO.</b>			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE		LANDSCAPE PLAN	
WALLINGFORD, CT.			
BY	CHKD	APP	APP
DATE	DATE	DATE	DATE
SCALE	AS NOTED	DWG. NO.	CON-0005-EXHIBIT 8