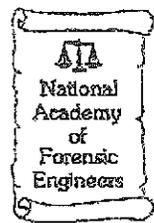


# CRISTINO ASSOCIATES INC.

ELECTRICAL POWER SYSTEMS ENGINEERING  
DESIGN, FORENSICS AND TRAINING

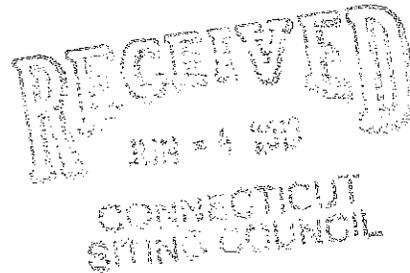


June 3, 2013

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

ORIGINAL

Re: Docket No. 426  
Development and Management Plan  
Third Taxing District Electric Department  
6 Fitch Street  
Norwalk, CT 06855



Dear Chairman Stein:

This letter is intended to provide information regarding the handling and stock piling of excavated material within the construction site for the Fitch Street Substation that was noted as lacking within the D & M Plan submittal. The soil was tested as part of the permit application process and was found to have been free of contaminants. The site's South elevation is considerably lower than its North elevation and will require all of the site spoil plus additional soil to bring the overall site up to an even, finished grand.

The drawing (Tighe & Bond C2.0) that is included in this package identifies the temporary spoil storage area, as well as an area identified for temporary storage for contaminated soil in the event that any is encountered as the excavations progress. Arrangements will be made for trucking excess clean (non-contaminated) spoil off-site in the event that that occurs. Similarly, any contaminated spoil will be appropriately addressed and handled, including off-site transportation and disposal.

I apologize for not having this information included within our submittal and look forward to the Council's review and final decision. Please have a staff member call or e-mail with any questions or additional input.

Sincerely,

  
Joseph A. Cristino, P.E.

JAC/lab

Enclosures

cc: J. Smith, TTD

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**K. Existing Underground Utilities**

It is believed that no underground utilities currently exist on the site. Any that do remain will require removal. The surrounding public streets contain several underground utilities that provide sewer, water and gas service to adjoining residential and industrial land uses. These utilities will not be disrupted by construction of the Fitch Street Substation

**L. Erosion and Sediment Control Plan**

Erosion and sediment control measures to contain runoff at Fitch Street Substation are depicted on the Erosion and Sediment Control Plan drawings (Appendix A). These drawings contain a narrative statement, a description of the anticipated construction phases, and detailed information on the location, type and design of erosion and sediment control measures that TTD will employ during construction. Appendix D includes the erosion and sediment control plans for the construction of both 115kV circuits extending from Fitch Street and the 27.6 kV circuits extending to East Ave.

Fitch Street will be located on land which was formerly comprised of residential housing. There is no known soil contamination on the site. All excavated soil will be used onsite as back fill material upon completion of foundation installation. In the unlikely event that contaminated soil is encountered, excavated soils will be moved to the Soil Stockpile Area (SSA) which is designated on the drawing and where contaminated soil will be temporarily stored until it can be tested and disposed of at an approved facility. A silt fence will be constructed around the site and will be inspected on a daily basis, and repaired or replaced as necessary, until the site is surfaced with crushed stone. The silt fence shall remain until all earth work is complete.

Anti-tracking pads will be installed at the construction access ways. If dewatering is required, the discharge will be directed into a Temporary Sediment Basin which will be constructed and maintained on site. A General Dewatering Permit will be obtained from the City of Norwalk, if required.

In Street Work - during street excavation, hay bales will be placed around storm drains and will remain in place until the adjacent trench work is completed and the disturbed areas are temporarily paved.

**M. Endangered Species, Critical Habitats**

There are no known locations or critical habitat or sites identified as having threatened, endangered or rare plant or animal species as listed by federal or state governments on or adjacent to the new substation site or at the existing switchyard/substation facility that will be modified.

**N. Underground Facilities**

If, during construction, pavement, curbs, gutters, and sidewalks are damaged or require cutting or removal, they will be repaired, replaced and/or resurfaced to match the existing surfaces. They will be finished flush with the adjoining pavement. If fills, embankments and backfills settle or erode before construction is complete, such areas will be repaired, filled, compacted and/or graded to meet the original project specifications.

**d. Disposal of Non-Contaminated Soil**

Excess non contaminated soils, not suitable for re-use during construction, will be temporarily stockpiled on-site and later removed. Soil piles will be protected from wind and water erosion by such means as hay bales, silt fences, and/or temporary diversion runoff channels.

**e. Dust Control**

Control of fugitive dust during construction will be the responsibility of the construction contractors. On-site movement of equipment and vehicles will be restricted to predetermined routes where possible. Dust suppression may use water, calcium chloride or a temporary crushed stone cover. Dust control of earthen stockpiles will use water spray, a crusting agent, or a material covering, whichever is most feasible and effective given the size and location of the stockpile.

**f. Sedimentation and Erosion Control**

Soil erosion and sediment control during construction activities will be consistent with State of Connecticut Guidelines for Soil Erosion and Sediment Control, 2002. Specific erosion control measures are defined on the Erosion and Sediment Control Plan drawings in Appendices A and D.

Land disturbance will be kept to a minimum. Disturbed areas will be stabilized as soon as possible. Given the flat character of the existing substation terrain, runoff volume and velocity is expected to be minimal.

If a sediment filter fence is used (at the discretion of the contractor), it will consist of burlap or a synthetic filter fabric that consists of a pervious sheet of propylene, nylon, polyester, or ethylene filaments. The fence will be anchored to the ground with wood or metal stakes placed a maximum of 8 feet apart. The fabric fence will not exceed 36 inches in height and will have a minimum 6-inch overlap at all joints. Fabric filter barriers will be inspected immediately after each rainfall event, and at least daily during prolonged rainfall. Decomposed or ineffective fabric will be replaced immediately. Sediment buildup which reaches one-half the height of the

