

ORIGINAL

107 Selden Street, Berlin, CT 06037 Northeast Utilities Service Company P.O. Box 270 Hartford, CT 06141-0270 (860) 665-2036

Kris Aberg Project Manager Tel: (860) 665-6733

March 22, 2010

Daniel F. Caruso, Chairman Connecticut Siting Council Ten Franklin Square New Britain, CT 06051

Re: Docket No. 398
Sherwood Substation
6 New Creek Road
Westport, Connecticut



SITING COUNCIL

Dear Chairman Caruso:

The enclosed information was provided to the Town of Westport Conservation Commission in response to the Commission's letter to the Council (dated January 11, 2010) regarding the Connecticut Light and Power Company's application associated with Docket 398.

We respectfully request that you please include these enclosures as part of CL&P's application submission. Thank you in advance for your assistance.

Respectfully submitted,

NORTHEAST UTILITIES SERVICE COMPANY

Kris Aberg, Project Manager

Transportation Land Development Environmental •

Services



imagination innovation energy Creating results for our clients and benefits for our communities

Vanasse Hangen Brustlin, Inc.

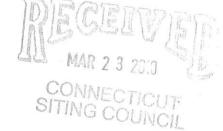
March 22, 2010

Ms. Alicia Mozian Conservation Director Town of Westport 110 Myrtle Avenue Westport, CT 06880

Das

Proposed Sherwood Substation

New Creek Road Westport, Connecticut



Dear Ms. Mozian:

On behalf of the Connecticut Light and Power Company (CL&P) and in response to your letter to the Connecticut Siting Council (dated January 11, 2010) regarding CL&P's revised site plans for the proposed Sherwood Substation, Vanasse Hangen Brustlin, Inc. (VHB) is providing you with a revised planting plan and a sediment and erosion control plan as requested.

Further, VHB coordinated with Jim Kousidis of the Westport Department of Public Works/Engineering regarding the revised driveway location and associated drainage. Mr. Kousidis indicated that he had reviewed the revised site plans (dated December 28, 2009) that were included in CL&P's Application to the Connecticut Siting Council and had no further comments.

Thank you again for your cooperation and support throughout the design and permitting process for this project. If you require any additional information, please do not hesitate to contact us.

Sincerely,

Michael Libertine, LEP

Director, Environmental Services, CT

54 Tuttle Place Middletown, Connecticut 06457-1847 860.632.1500 = FAX 860.632.7879 email: info@vhb.com www.vhb.com

J: \41448.00\cad\ev\planset\CSC\Alt access\41448_ES.dwg Temporary Erosion and Sedimentation Control Maintenance THE SITE CONTRACTOR WILL BE RESPONSIBLE FOR IMPLEMENTING EACH CONTROL SHOWN ON THE SEDIMENTATION AND EROSION CONTROL PLAN. RCHANGE Approximate CL&P THE SITE CONTRACTOR WILL INSPECT ALL SEDIMENT AND EROSION CONTROL STRUCTURES PERGODICALLY AND AFTER EACH RAINFALL EVENT, RECORDS OF THE INSPECTIONS WILL BE PREPARED AND MAINTAINED ON-SITE BY THE CONTRACTOR. Property Boundary SILT SHALL BE REMOVED FROM BEHIND BARRIERS IF GREATER THAN 6-INCHES DEEP OR AS NEFDED. DAMAGED OR DETERIORATED ITEMS WILL BE REPAIRED IMMEDIATELY AFTER IDENTIFICATION THE UNDERSIDE OF HAY BALES SHOULD BE KEPT IN CLOSE CONTACT WITH THE EARTH AND RESET AS NECESSARY. SEDIMENT THAT IS COLLECTED IN STRUCTURES SHALL BE DISPOSED OF PROPERLY AND COVERED IF STORED ON—SITE. IF A TEMPORARY SEDIMENT TRAP IS USED: INSPECT THE TEMPORARY SEDIMENT TRAP AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF A RANIFALL EVENT TO DETERMINE THE CONDITIONS OF THE BASINS OF MORNIC CONSTRUCTION. CLEAN OUT SEDIMENT BASINS WHEN ACCUMULATION REACHES 12". SEDIMENT LEVELS SHALL BE MARKED WITHIN THE SEDIMENT STORAGE AREA BY STAKES. DO NOT ALLOW ACCUMULATED SEDIMENTS TO FLUSH INTO WETLAND AREAS. 50' FROM WETLAND BOUNDARY EROSION CONTROL STRUCTURES SHALL REMAIN IN PLACE UNTIL ALL DISTURBED EARTH HAS BEEN SCOURELY STABILIZED, AFTER REMOVAL OF STRUCTURES, DISTURBED AFEAS SHALL BE REGRADED AND STABILIZED AS SOOM AS PRACICAL. Burlat Hill Beach, MAINTAIN THE CONSTRUCTION ENTRANCE IN A CONDITION WHICH WILL PREVENT TRACKING AND WASHING OF SEDIMENTS ONTO PAVED SURFACES. Frost PI+ NOTE: MORE DETAILED EROSION CONTROL AND CONSTRUCTION METHODS TO FOLLOW THE MATERIAL HANDLING REPORT. APPROXIMATE LOCATION OF PROPOSED UTILITY POLES Erosion and Sedimentation Control Techniques LOCUS MAP THE FOLLOWING EROSION AND SEDIMENTATION CONTROLS SHALL BE EMPLOYED BY THE CONTRACTOR DURING THE EARTHMORK AND CONSTRUCTION PHASES OF THE PROJECT IN ACCORDANCE WITH THE CONNECTICUT DEPARTMENT OF EMPRONMENTAL PROTECTION 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL. PROPOSED INTERCONNECTION TRANSMISSION LINES (TYP.) SCALE IN FEET SIL FEMONG IN AREAS WHERE HIGH RUNOFF VELOCITIES OR HIGH SEDIMENT LOADS ARE EXPECTED, HAY BALE BARRIERS WILL BE BACKED UP WITH SILT FEMOND. THIS SEMI-PERMEABLE BARRIER MADE OF A SYNTHETIC POROUS FABRIC WILL PROVIDE ADDITIONAL PROVIDENCION. THE SILT FEMCES AND HAY BALE BARRIER WILL BE REPLACED AS DETERMINED BY PERIODIC FIELD INSPECTIONS. HAY BALE BARRIERS HAY BALE BARRIERS WILL BE PLACED TO TRAP SEDIMENT TRANSPORTED BY RUNGET BEFORE IT REACHES THE DRAINAGE SYSTEM OR LEAVES THE CONSTRUCTION SITE. BALES WILL BE SET AT LEAST FOUR INCHES INTO THE EXISTING GROUND TO MINIMIZE UNDERCUTTING BY RUNGEF. Connecticut SILT FENCE AND HAY BALE BARRIER(TYP.) CATCH BASIN PROTECTION NEWLY CONSTRUCTED AND EXISTING CATCH BASINS WILL BE PROTECTED WITH SILT SACKS **Light & Power** <u>Gravel and construction entrance/exit</u> A Teuporary crushed-stone construction entrance/exit will be constructed. A cross slope will be placed in the entrance to direct runoff and sedment away from flowing onto public rights—of—way. VEGETATIVE SLOPE STABILIZATION STABILIZATION OF OPEN SOIL SUPERACES WILL BE IMPLEMENTED WITHIN 14 DAYS AFTER GRADING OR CONSTRUCTION ACTIVITIES HAVE TEMPORARILLY OR PERMANENTLY CEASED, UNLESS THERE IS SUFFICIENT SNOW COVER TO PROHIBIT IMPLEMENTATION. VEGETATIVE SLOPE STABILIZATION WILL BE SUED TO MININIZE EROSION ON SLOPES OF 3.1 OF FLATTER. ANNUAL GRASSES, SUCH AS ANNUAL RYE, WILL BE USED TO ENSURE RAPID GERMINATION AND PRODUCTION OF ROOTHASS. PERMANENT STABILIZATION WILL BE COMPLETE WITH THE PRAINTING OF PERMANEL GRASSES OR LEGUMES. ESTABLISHMENT OF THE SUPPORARY AND PERMANELS VEGETATIVE COVER ANY BE ESTABLISHMENT OF THE SHORT AND WHERE AND THE STABILIZATION WE HAVE STABILIZATION FOR THE STABILIZATION WE HAVE BE PROMOTED FOR EFFECTIVE ESTABLISHMENT OF THESE EVALUATE WILL, FERRILIZER AND WHERE MULL BE PROMOTED FOR EFFECTIVE ESTABLISHMENT OF THESE VEGETATIVE STABILIZATION METHODS. MULCH WILL ALSO BE USED AFTER PERMANENT SECONIG TO PROTICT SOIL FROM THE IMPACT OF FALLING RAIN AND TO INCREASE THE CAPACITY OF THE SOIL TO ABSORB WATER. The Northeast Utilities System SILT FENCE AND HAY BALE BARRIER(TYP.) STOCKPIE. MANAGEMENT SIDESLOPES OF STOCKPILED MATERIAL SHALL BE NO STEEPER THAN 2-1. STOCKPILES NOT USED WITHIN 30 DAYS NEED TO BE SEEDED AND MULCHED IMMEDIATELY AFTER FORMATION OF THE STOCKPIE. HAYBALES AND SILT FENCE. ARE TO BE PLACED AROUND THE STOCKPILE AREA APPROXIMATELY TO FEET FROM THE TOW OF SLOPE. 100 YEAR FLOOD PLAIN PER FEMA MAPPING DUST CONTROL. PERIODICALLY MOISTEN EXPOSED SURFACES ON UNPAVED TRAVELWAYS TO KEEP THE TRAVELWAY SILT FENCE (TYP.) INLAND WETLANDS The second second TO THE THE PERSON OF THE PERSO NEW CREEK ROAD - SILT FENCE AND HAY BALE Vanasse Hangen Brustlin, Inc. Transportation • Land Development • Environmental Services 54 Tuttle Place, Middletown, Connecticut 06457-1847 MAPLE TIDAL WETLANDS Tel: 860 632-1500 • Fax: 860 632-7879 PLANS AND SPECIFICATIONS ARE SUBJECT TO TIDAL WETLANDS REVISIONS PENDING FINAL SITING COUNCIL APPROVAL Northeast Utilities Service Co. CONNECTICUT LIGHT & POWER COMPANY SHERWOOD SUBSTATION PROPOSED LAYOUT EROSION AND SEDIMENT CONTROL PLAN WESTPORT, CONNECTICUT PV APP MPL CHKD PV SDK

SCALE IN FEET

12/28/09 REVISED COMPOUND

1 12/1/09 ALTERNATE ACCESS

2 12/11/09 ALTERNATE ACCESS LAYOUT AND GRADING

DATE SEPT. 23, 2009 DATE SEPT. 23, 2009 DATE SEPT. 23, 2009 DATE

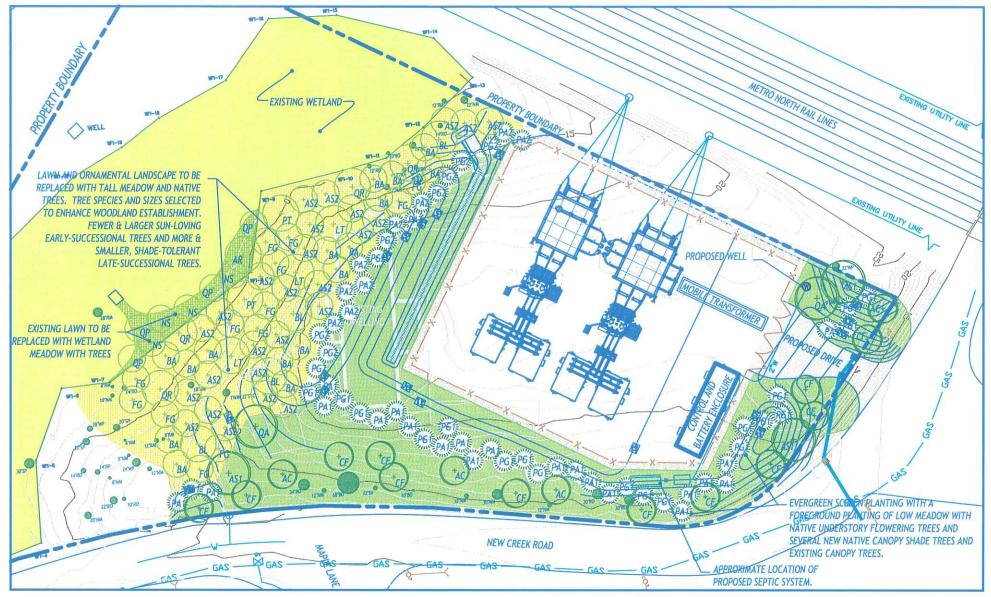
SIZE 11x17 FIELD BOOK & PAGES

NUSCO

H-SCALE 1"=60"

V-SCALE

BY CHK APP APP R.E. PROJ. NUMBER: 41448



PLANT LIST

SYM.	QTY.	SCIENTIFIC NAME	COMMON HAME	SIZE	ROOT	RATE	HEIGHT
TREES							
AC	4	AMELANCHIER CANADENSIS	MULTI-STEM SERVICEBERRY	8'-10' HT.	CONT.	MED.	35'-50'
AR	1	ACER RUBRUM	RED MAPLE	6'-8' HT.	BEB	MEDFAST	75'-100'
A S1	3	ACER SACCHARUM	SUGARMAPLE	2.5"-3" CAL.	ВЕВ	SLOW	75'-100'
A S2	26	ACER SACCHARUM	SUGARMAPLE	6'-8' HT.	CONT.	SLOW	75'-100'
BA	16	BETULA ALLEGHANIENSIS	YELLOW BIRCH	6'-8' HT.	CONT.	SLOW-MED.	50'-75'
BL	4	BETULA LENTA	BLACKBIRCH	6'-8' HT.	В&В	MED.	50:-75
CF	12	CORNUS FLORIDA	FLOWERING DOGWOOD	8'-10' HT.	CONT.	MED.	35'-50'
FG	13	FAGUS GRANDIFOLIA	A MERICAN BEECH	6.8 HT.	CONT.	SLOW	75'-100'
LT	3	LIRIODEND RON TULIPFERA	TULIP TREE	6'-8' HT.	B&B	MEDFAST	75'-100'
NS	+	NYSSA SYLVATICA	BLACKTUPELO	6'-8' HT.	CONT.	SLOW	50'-75'
PA1	19	PICEA ABIES	NORWAY SPRUCE	12'-14' HT.	B&B	MEDFAST	50'-75'
PA 2	10	PICEA ABIES	NORWAY SPRUCE	5'-6' HT.	B&B	MED_FAST	50'-75'
PG1	19	PICEA GLAUCA	WHITE SPRUCE	12'-14' HT.	8&8	SLOW-MED.	50'-75'
PG2	9	PICEA GLAUCA	WHITE SPRUCE	5'-6' HT.	B&B	SLOW-MED.	50-75
PT	2	POPULA S TREMULOIDES	QUAKING A SPEN	6'-8' HT.	ВЕЕВ	FAST	35'-50'
QA	3	QLERC US A LBA	WHITE OAK	2.5"-3" CAL.	8&8	SLOW	75'-100'
QP	4	QUERCUS PA LUSTRIS	PIN OAK	6'-8' HT.	CONT.	MEDFAST	50'-75'
QR	4	QLERCUS RLBRA	RED OAK	6-8 HT.	CONT.	MED.	50'-75'
TOTAL:	156						

SEED MIXES

WETLAND MEADOW: NEW ENGLAND WETMIX AS PRODUCED NEW ENGLAND WETLAND PLANTS, INC (WWW.NEWP.COM).

APPLIED AT A RATE OF 1 LB/2,500 SQUARE FEET.

TALL MEADOW: NEW ENGLAND CONSERVATION/WILDLIFE MIX AS PRODUCED NEW ENGLAND WETLAND PLANTS, INC (WWW.NEWP.COM). APPLIED AT A RATE OF 1 LB/1,750 SQLARE FEET.

SHORT MEADOW: "NO MOW MIX" AS PRODUCED BY PRAIRIE NURSERY (WWW.PRAIRIENURSERY.COM OR 1-800-476-9453) 'NO MOW' SEED MIX CONSISTS OF LOW MAINTENANCE, NO WATERING, NO FERTILIZING COOL SEASON GRASSES (PRIMARILY FESTUCA RUBRA AND FESTUCA OVINA).

GENERAL NOTES

- 1. PROPOSED PLANTING INFORMATION PROVIDED BY WILLIAM KENNY ASSOCIATES LLC., EXISTING AND OTHER PROPOSED INFORMATION TAKEN FROM A PLAN PREPARED BY VANASSE HANGEN BRUSTLIN, INC.
- ALL TREE LOCATIONS SHOWN ARE APPROXIMATE.

LEGEND

EXISTING 5 CONTOUR

EXISTING 1' CONTOUR

EXISTING SPOT GRADE

PROPOSED CONTOUR

PROPOSED SPOT GRADE

PROPERTY BOUNDARY

WILLIAM KENNY ASSOCIATES LLC

SOIL SCIENCE ECOLOGICAL SERVICES LAND USE PLANNING LANDSCAPE ARCHITECTURE

217 WEBB ROAD FAIRFIELD, CT 06825 PHONE: 203 366 0588 FAX: 203 366 0067 wkassociates.net EXISTING 5' CONTOUR

EXISTING WETLAND

EXISTING TREE TO REMAIN TO THE EXTENT POSSIBLE

PROPOSED FREE STANDING STONEWALL

PROPOSED RETAINING WALL
SUBSURFACE OR OVERHEAD
UTILITY LINE OR STRUCTURE

PROPOSED SHORT MEADOW

PROPOSED TALL MEADOW

PROPOSED WETLAND MEADOW

PROPOSED NATIVE FLOWERING TREE

PROPOSED NATIVE CANOPY TREE

San Maria

PROPOSED EVERGREEN TREE

+

PROPOSED NATIVE EARLY SUCCESSIONAL CANOPY TREE

PROPOSED NATIVE LATE
SUCCESSIONAL CANOPY TREE

CONCEPT PLANTING PLAN

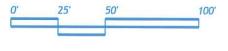
OWNER:

NORTHEAST UTILITIES SERVICE CO. for CONNECTICUT LIGHT AND POWER COMPANY

LOCATION:

SHERWOOD SUBSTATION WESTPORT, CONNECTICUT

DATE: JUNE 8, 2009 SEPTEMBER 21, 2009 (REV. 1) DECEMBER 28, 2009





WKA REF. NO. 1542