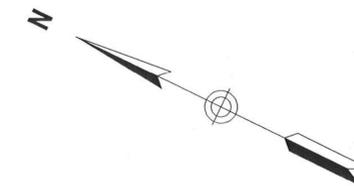


**Connecticut  
Light & Power**

**The Northeast Utilities System**



PLANS AND SPECIFICATIONS ARE SUBJECT TO REVISIONS PENDING FINAL SITING COUNCIL APPROVAL

**PRELIMINARY**

CAD GENERATED DWG

NORTHEAST UTILITIES SERVICE CO.

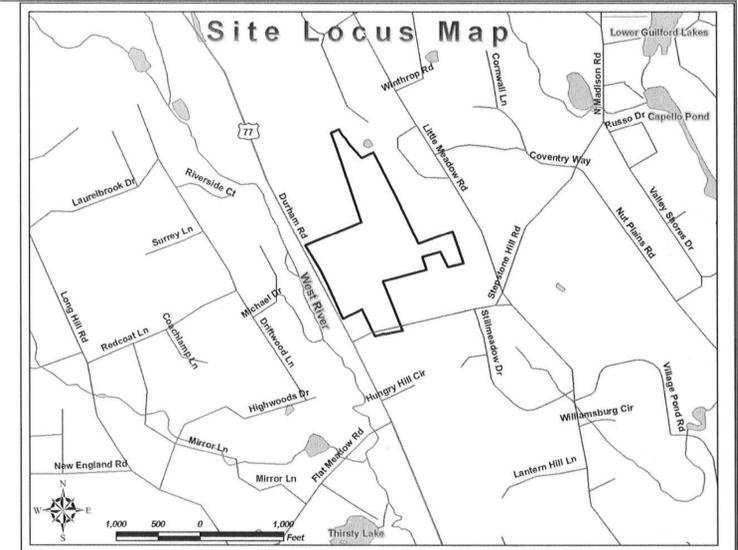
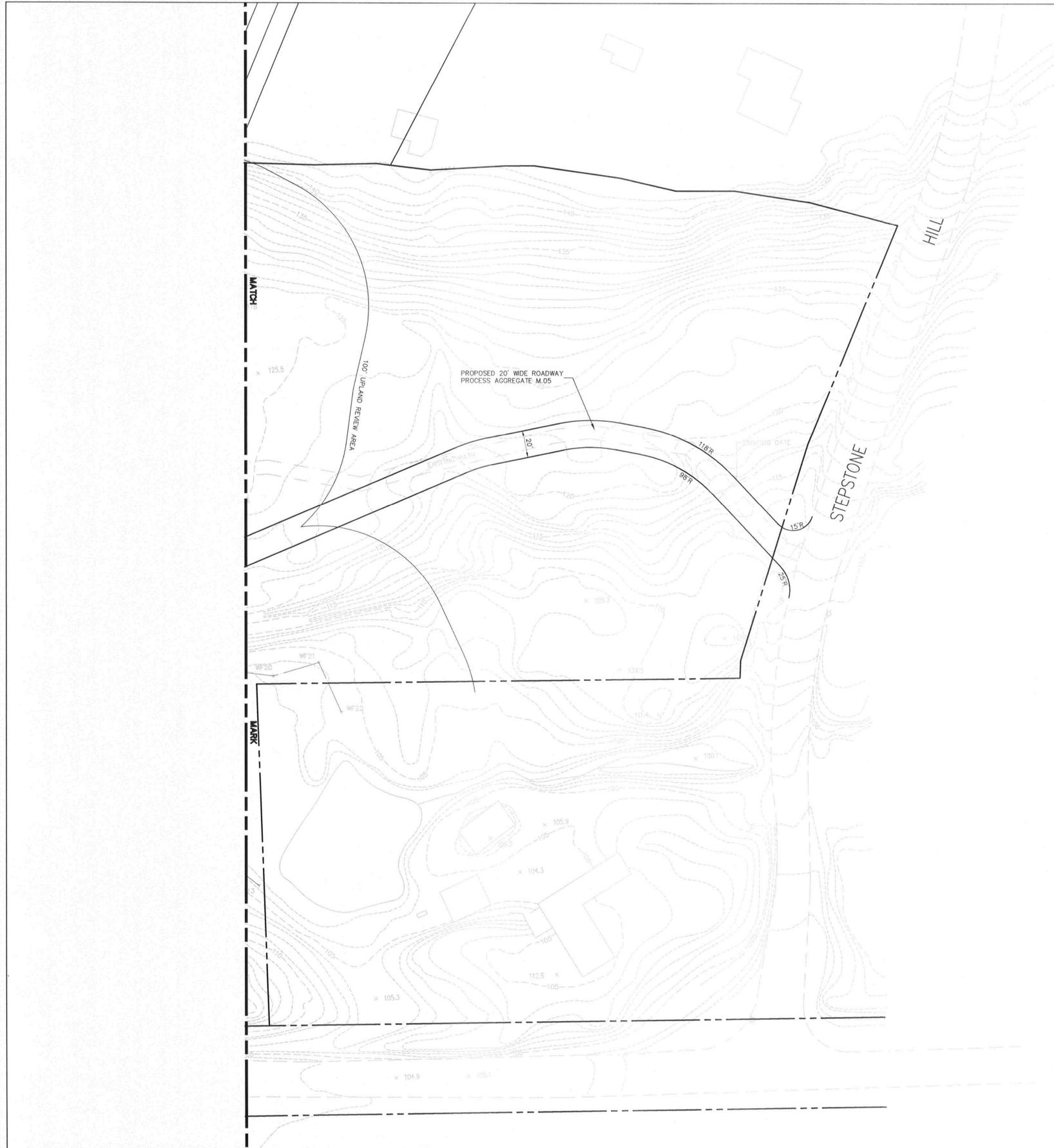
FOR THE CONNECTICUT LIGHT & POWER COMPANY

TITLE **Layout and Erosion Control Plan  
Stepstone Hill Substation**  
Guilford, Connecticut

BY	VHB	CHKD	APP	APP
DATE	06/26/06	DATE	DATE	DATE
SCALE	1" = 40'	DWG. NO.	C-3a	

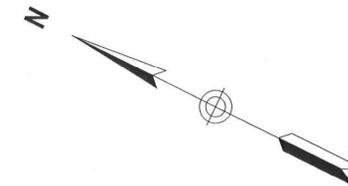


WF NO.	DATE	REVISIONS	BY	CHK	APP	APP



**Connecticut  
Light & Power**

**The Northeast Utilities System**



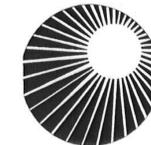
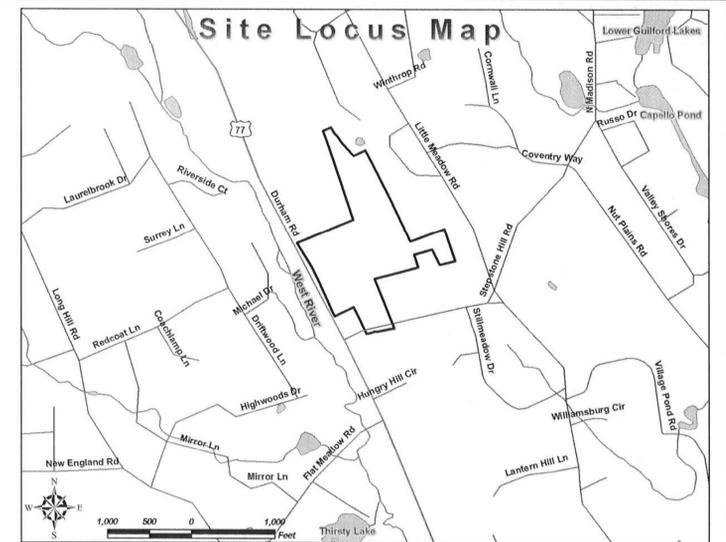
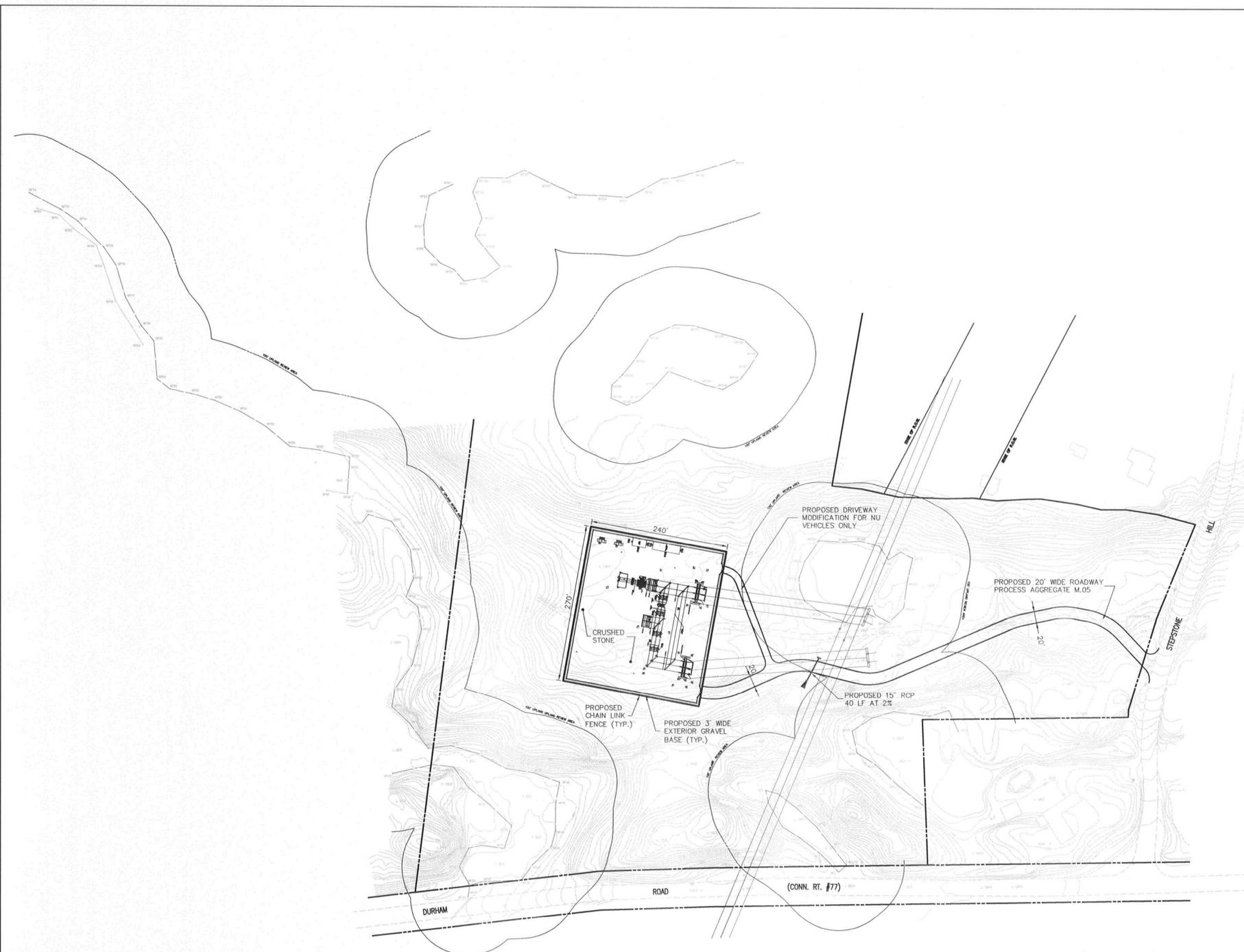
PLANS AND SPECIFICATIONS ARE SUBJECT TO REVISIONS PENDING FINAL SITING COUNCIL APPROVAL

**PRELIMINARY**

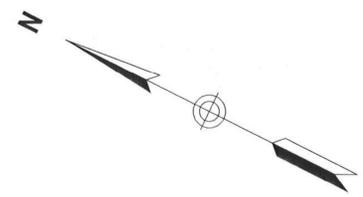
CAD  
GENERATED  
DWG.



NORTHEAST UTILITIES SERVICE CO.	
FOR THE CONNECTICUT LIGHT & POWER COMPANY	
TITLE <b>Layout and Erosion Control Plan Stepstone Hill Substation</b> Guilford, Connecticut	
BY VHB	CHKD APP
DATE 06/26/06	DATE DATE
SCALE 1" = 40'	DWG. NO. C-3
MF NO.	DATE
REVISIONS	BY
CHK	APP
APP	APP



**Connecticut  
Light & Power**  
The Northeast Utilities System



PLANS AND SPECIFICATIONS ARE SUBJECT TO REVISIONS PENDING FINAL SITING COUNCIL APPROVAL

**PRELIMINARY**



NORTHEAST UTILITIES SERVICE CO.	
FOR THE CONNECTICUT LIGHT & POWER COMPANY	
TITLE <b>Overall Site Plan Stepstone Hill Substation</b> Guilford, Connecticut	
BY <b>VHB</b>	CHKD APP
DATE <b>06/26/06</b>	DATE
SCALE <b>1"=100'</b>	DWG. NO. <b>C-2</b>
MF NO.	DATE
REVISIONS	BY CHK APP

**Legend**

Exist.	Prop.	Exist.	Prop.	
				CONCRETE
				HEAVY DUTY PAVEMENT
				RIPRAP
				CONSTRUCTION ENTRANCE
				EASEMENT
				TOP OF CURB ELEVATION
				BOTTOM OF CURB ELEVATION
				SPOT ELEVATION
				TOP & BOTTOM OF WALL ELEVATION
				BORING LOCATION
				TEST PIT LOCATION
				MONITORING WELL
				UNDERDRAIN
				DRAIN
				ROOF DRAIN
				SEWER
				FORCE MAIN
				OVERHEAD WIRE
				WATER
				FIRE PROTECTION
				DOMESTIC WATER
				GAS
				ELECTRIC
				STEAM
				TELEPHONE
				FIRE ALARM
				FIRE ALARM
				CABLE TV
				CATCH BASIN
				DOUBLE CATCH BASIN
				GUTTER INLET
				DRAIN MANHOLE
				TRENCH DRAIN
				PLUG OR CAP
				CLEANOUT
				FLARED END SECTION
				HEADWALL
				SEWER MANHOLE
				CURB STOP & BOX
				CLEANOUT
				WATER VALVE & BOX
				TAPPING SLEEVE, VALVE & BOX
				DRAIN MANHOLE
				CAST IRON PIPE
				CONDUIT
				DUCTILE IRON PIPE
				FLARED END SECTION
				FORCE MAIN
				FRAME AND GRATE
				FRAME AND COVER
				GUTTER INLET
				GREASE TRAP
				HIGH DENSITY POLYETHYLENE PIPE
				HANDHOLE
				HEADWALL
				HYDRANT
				INVERT ELEVATION
				INVERT ELEVATION
				LIGHT POLE
				METAL END SECTION
				PAVED WATER WAY
				POLYVINYLCHLORIDE PIPE
				REINFORCED CONCRETE PIPE
				RIM ELEVATION
				SEWER MANHOLE
				TAPPING SLEEVE, VALVE AND BOX
				UNDERGROUND
				UTILITY POLE
				MATCHLINE
				PATH
				TREE LINE
				WIRE FENCE
				FENCE
				STOCKADE FENCE
				STONE WALL
				RETAINING WALL
				STREAM / POND / WATER COURSE
				DETENTION BASIN
				HAY BALES
				SILT FENCE
				MINOR CONTOUR
				MAJOR CONTOUR
				PARKING COUNT
				COMPACT PARKING STALLS
				DOUBLE YELLOW LINE
				STOP LINE
				CROSSWALK
				ACCESSIBLE CURB RAMP
				ACCESSIBLE PARKING
				VAN-ACCESSIBLE PARKING

**Abbreviations**

General	Utility
ABAN ABANDON	CB CATCH BASIN
ACR ACCESSIBLE CURB RAMP	CMP CORRUGATED METAL PIPE
ADJ ADJUST	CO CLEANOUT
APPROX APPROXIMATE	DCB DOUBLE CATCH BASIN
BIT BITUMINOUS	DMH DRAIN MANHOLE
BS BOTTOM OF SLOPE	CIP CAST IRON PIPE
BWLL BROKEN WHITE LANE LINE	COND CONDUIT
CONC CONCRETE	DIP DUCTILE IRON PIPE
DYCL DOUBLE YELLOW CENTER LINE	FES FLARED END SECTION
EL ELEVATION	FM FORCE MAIN
ELEV ELEVATION	F&G FRAME AND GRATE
EXIST EXISTING	F&C FRAME AND COVER
FDN FOUNDATION	GI GUTTER INLET
FFE FIRST FLOOR ELEVATION	GT GREASE TRAP
GRAN GRANITE	HDPE HIGH DENSITY POLYETHYLENE PIPE
GTD GRADE TO DRAIN	HH HANDHOLE
LA LANDSCAPE AREA	HW HEADWALL
LOD LIMIT OF DISTURBANCE	HYD HYDRANT
MAX MAXIMUM	INV INVERT ELEVATION
MIN MINIMUM	J= INVERT ELEVATION
NIC NOT IN CONTRACT	LP LIGHT POLE
NTS NOT TO SCALE	MES METAL END SECTION
PERF PERFORATED	PWW PAVED WATER WAY
PROP PROPOSED	PVC POLYVINYLCHLORIDE PIPE
REM REMOVE	RCP REINFORCED CONCRETE PIPE
RET RETAIN	R= RIM ELEVATION
R&D REMOVE AND DISPOSE	SMH SEWER MANHOLE
R&R REMOVE AND RESET	TSV TAPPING SLEEVE, VALVE AND BOX
SWEL SOLID WHITE EDGE LINE	UG UNDERGROUND
SWLL SOLID WHITE LANE LINE	UP UTILITY POLE
TS TOP OF SLOPE	
TYP TYPICAL	

**Notes:**

- General**
- CONTRACTOR SHALL NOTIFY "CALL BEFORE YOU DIG" (1-800-922-4455) AT LEAST 72 HOURS BEFORE EXCAVATING.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL REQUIREMENTS.
  - ACCESSIBLE ROUTES, PARKING SPACES, RAMPS, SIDEWALKS AND WALKWAYS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE FEDERAL AMERICANS WITH DISABILITIES ACT AND WITH STATE AND LOCAL LAWS AND REGULATIONS (WHICHEVER ARE MORE STRINGENT).
  - AREAS DISTURBED DURING CONSTRUCTION AND NOT RESTORED WITH IMPERVIOUS SURFACES (BUILDINGS, PAVEMENTS, WALKS, ETC.) SHALL RECEIVE 6 INCHES LOAM AND SEED.
  - WITHIN THE LIMITS OF THE BUILDING FOOTPRINT, THE SITE CONTRACTOR SHALL PERFORM EARTHWORK OPERATIONS REQUIRED UP TO SUBGRADE ELEVATIONS.
  - WORK WITHIN THE LOCAL RIGHTS-OF-WAY SHALL CONFORM TO LOCAL MUNICIPAL STANDARDS. WORK WITHIN STATE RIGHTS-OF-WAY SHALL CONFORM TO THE LATEST EDITION OF THE STATE HIGHWAY DEPARTMENTS STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES.
  - UPON AWARD OF CONTRACT, CONTRACTOR SHALL MAKE NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN NECESSARY PERMITS, PAY FEES, AND POST BONDS ASSOCIATED WITH THE WORK INDICATED ON THE DRAWINGS, IN THE SPECIFICATIONS, AND IN THE CONTRACT DOCUMENTS. DO NOT CLOSE OR OBSTRUCT ROADWAYS, SIDEWALKS, AND FIRE HYDRANTS, WITHOUT APPROPRIATE PERMITS.
  - TRAFFIC SIGNAGE AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
  - AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
  - IN THE EVENT THAT SUSPECTED CONTAMINATED SOIL, GROUNDWATER, AND OTHER MEDIA ARE ENCOUNTERED DURING EXCAVATION AND CONSTRUCTION ACTIVITIES BASED ON VISUAL, OLFACTORY, OR OTHER EVIDENCE, THE CONTRACTOR SHALL STOP WORK IN THE VICINITY OF THE SUSPECTED MATERIAL TO AVOID FURTHER SPREADING OF THE MATERIAL, AND SHALL NOTIFY THE OWNER IMMEDIATELY SO THAT THE APPROPRIATE TESTING AND SUBSEQUENT ACTION CAN BE TAKEN.
  - CONTRACTOR SHALL PREVENT DUST, SEDIMENT, AND DEBRIS FROM EXITING THE SITE AND SHALL BE RESPONSIBLE FOR CLEANUP, REPAIRS AND CORRECTIVE ACTION IF SUCH OCCURS.
  - DAMAGE RESULTING FROM CONSTRUCTION LOADS SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
  - CONTRACTOR SHALL CONTROL STORMWATER RUNOFF DURING CONSTRUCTION TO PREVENT ADVERSE IMPACTS TO OFF SITE AREAS, AND SHALL BE RESPONSIBLE TO REPAIR RESULTING DAMAGES, IF ANY, AT NO COST TO OWNER.
  - THIS PROJECT DISTURBS MORE THAN ONE ACRE OF LAND AND FALLS WITHIN THE NPDES CONSTRUCTION GENERAL PERMIT (CGP) PROGRAM AND EPA JURISDICTION. PRIOR TO THE START OF CONSTRUCTION CONTRACTOR IS TO FILE A CGP NOTICE OF INTENT WITH THE EPA AND PREPARE A STORMWATER POLLUTION PREVENTION PLAN IN ACCORDANCE WITH THE NPDES REGULATIONS. CONTRACTOR SHALL CONFIRM THE OWNER HAS ALSO FILED A NOTICE OF INTENT WITH THE EPA.
- Utilities**
- THE LOCATIONS, SIZES, AND TYPES OF EXISTING UTILITIES ARE SHOWN AS AN APPROXIMATE REPRESENTATION ONLY. THE OWNER OR ITS REPRESENTATIVE(S) HAVE NOT INDEPENDENTLY VERIFIED THIS INFORMATION AS SHOWN ON THE PLANS. THE UTILITY INFORMATION SHOWN DOES NOT GUARANTEE THE ACTUAL EXISTENCE, SERVICEABILITY, OR OTHER DATA CONCERNING THE UTILITIES, NOR DOES IT GUARANTEE AGAINST THE POSSIBILITY THAT ADDITIONAL UTILITIES MAY BE PRESENT THAT ARE NOT SHOWN ON THE PLANS. PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY AND DETERMINE THE EXACT LOCATIONS, SIZES, AND ELEVATIONS OF THE POINTS OF CONNECTIONS TO EXISTING UTILITIES AND, SHALL CONFIRM THAT THERE ARE NO INTERFERENCES WITH EXISTING UTILITIES AND THE PROPOSED UTILITY ROUTES, INCLUDING ROUTES WITHIN THE PUBLIC RIGHTS OF WAY.
  - WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, OR EXISTING CONDITIONS DIFFER FROM THOSE SHOWN SUCH THAT THE WORK CANNOT BE COMPLETED AS INTENDED, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED IN WRITING TO THE OWNER'S REPRESENTATIVE FOR THE RESOLUTION OF THE CONFLICT AND CONTRACTOR'S FAILURE TO NOTIFY PRIOR TO PERFORMING ADDITIONAL WORK RELEASES OWNER FROM OBLIGATIONS FOR ADDITIONAL PAYMENTS WHICH OTHERWISE MAY BE WARRANTED TO RESOLVE THE CONFLICT.
  - SET CATCH BASIN RIMS, AND INVERTS OF SEWERS, DRAINS, AND DITCHES IN ACCORDANCE WITH ELEVATIONS ON THE GRADING AND UTILITY PLANS.
  - RIM ELEVATIONS FOR DRAIN AND SEWER MANHOLES, WATER VALVE COVERS, GAS GATES, ELECTRIC AND TELEPHONE PULL BOXES, AND MANHOLES, AND OTHER SUCH ITEMS, ARE APPROXIMATE AND SHALL BE SET/RESET AS FOLLOWS:
    - PAVEMENTS AND CONCRETE SURFACES: FLUSH
    - ALL SURFACES ALONG ACCESSIBLE ROUTES: FLUSH
    - LANDSCAPE, LOAM AND SEED, AND OTHER EARTH SURFACE AREAS: ONE INCH ABOVE SURROUNDING AREA AND TAPER EARTH TO THE RIM ELEVATION.
  - THE LOCATION, SIZE, DEPTH, AND SPECIFICATIONS FOR CONSTRUCTION OF PROPOSED PRIVATE UTILITY SERVICES SHALL BE INSTALLED ACCORDING TO THE REQUIREMENTS PROVIDED BY, AND APPROVED BY, THE RESPECTIVE UTILITY COMPANY (GAS, TELEPHONE, ELECTRIC, FIRE ALARM, ETC.). FINAL DESIGN LOADS AND LOCATIONS TO BE COORDINATED WITH OWNER AND ARCHITECT.
  - THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR AND SHALL BE RESPONSIBLE FOR PAYING FEES FOR POLE RELOCATION AND FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE, FIRE ALARM, AND ANY OTHER PRIVATE UTILITIES, WHETHER WORK IS PERFORMED BY CONTRACTOR OR BY THE UTILITIES COMPANY.
  - UTILITY PIPE MATERIALS SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED ON THE PLAN:
    - WATER PIPES SHALL BE SPECIFIED BY THE WATER COMPANY.
    - SANITARY SEWER PIPES SHALL BE POLYVINYL CHLORIDE (PVC) SEWER PIPE
    - STORM DRAINAGE PIPES SHALL BE CLASS IV RCP.
  - SITE CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR AND SHALL FURNISH EXCAVATION, INSTALLATION, AND BACKFILL OF ELECTRICAL FURNISHED SITEMARK RELATED ITEMS SUCH AS PULL BOXES, CONDUITS, DUCT BANKS, LIGHT POLE BASES, AND CONCRETE PADS. SITE CONTRACTOR SHALL FURNISH CONCRETE ENCASUREMENT OF DUCT BANKS IF REQUIRED BY THE UTILITY COMPANY AND AS INDICATED ON THE DRAWINGS.
  - SITE CONTRACTOR SHALL EXCAVATE AND BACKFILL TRENCHES FOR GAS IN ACCORDANCE WITH GAS COMPANY'S REQUIREMENTS.
  - ALL DRAINAGE AND SANITARY STRUCTURE INTERIOR DIAMETERS (4" MIN.) SHALL BE DETERMINED BY THE MANUFACTURER BASED ON THE PIPE CONFIGURATIONS SHOWN ON THESE PLANS. FOR MANHOLES THAT ARE 20 FEET IN DEPTH AND GREATER, THE MINIMUM DIAMETER SHALL BE 5 FEET.

- Layout and Materials**
- DIMENSIONS ARE FROM THE FACE OF CURB, FACE OF BUILDING, FACE OF WALL, AND CENTER LINE OF PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED.
  - CURB RADII ARE 3 FEET UNLESS OTHERWISE NOTED.
  - CURBING SHALL BE BCLC WITHIN THE SITE UNLESS OTHERWISE INDICATED ON THE PLANS.
  - SEE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS AND DETAILS CONTIGUOUS TO THE BUILDING, INCLUDING SIDEWALKS, RAMPS, BUILDING ENTRANCES, STAIRWAYS, UTILITY PENETRATIONS, CONCRETE DOOR PADS, COMPACTOR PAD, LOADING DOCKS, BOLLARDS, ETC.
  - PROPOSED GRANITE BOUNDS AND ANY EXISTING PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE SET OR RESET BY A PROFESSIONAL LICENSED SURVEYOR.
  - PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTING PAVEMENT ELEVATIONS AT INTERFACE WITH PROPOSED PAVEMENTS, AND EXISTING GROUND ELEVATIONS ADJACENT TO DRAINAGE OUTLETS TO ASSURE PROPER TRANSITIONS BETWEEN EXISTING AND PROPOSED FACILITIES.
  - SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SCALED TO THEIR ACTUAL DIMENSIONS OR LOCATIONS ON THE DRAWINGS. THE CONTRACTOR SHALL REFER TO THE DETAIL SHEET DIMENSIONS, MANUFACTURERS' LITERATURE, SHOP DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES.
  - CONTRACTOR SHALL NOT RELY SOLELY ON ELECTRONIC VERSIONS OF PLANS, SPECIFICATIONS, AND DATA FILES THAT ARE OBTAINED FROM THE DESIGNERS, BUT SHALL VERIFY LOCATION OF PROJECT FEATURES IN ACCORDANCE WITH THE PAPER COPIES OF THE PLANS AND SPECIFICATIONS THAT ARE SUPPLIED AS PART OF THE CONTRACT DOCUMENTS.

- Demolition**
- THE CONTRACTOR TO REMOVE AND DISPOSE OF EXISTING MANMADE SURFACE FEATURES WITHIN THE LIMIT OF WORK INCLUDING BUILDINGS, STRUCTURES, PAVEMENTS, SLABS, CURBING, FENCES, UTILITY POLES, SIGNS, ETC. UNLESS INDICATED OTHERWISE ON THE DRAWINGS. REMOVE AND DISPOSE OF EXISTING UTILITIES, FOUNDATIONS, AND UNSUITABLE MATERIAL WITHIN THE PROPOSED BUILDING FOOTPRINT AND TEN FEET BEYOND AND BENEATH PROPOSED EXTERIOR COLUMNS, PER DRAWINGS AND SPECIFICATIONS.
  - EXISTING UTILITIES SHALL BE TERMINATED, UNLESS OTHERWISE NOTED, IN CONFORMANCE WITH LOCAL, STATE, AND INDIVIDUAL UTILITY COMPANIES STANDARDS SPECIFICATIONS, AND DETAILS. THE CONTRACTOR SHALL COORDINATE UTILITY SERVICE DISCONNECTS WITH THE UTILITY REPRESENTATIVES.
  - CONTRACTOR SHALL DISPOSE OF DEMOLITION DEBRIS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS, ORDINANCES, AND STATUTES.

- Erosion Control**
- PRIOR TO STARTING ANY OTHER WORK ON THE SITE, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND SHALL INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS AND AS IDENTIFIED IN FEDERAL, STATE, AND LOCAL APPROVAL DOCUMENTS PERTAINING TO THIS PROJECT.
  - CONTRACTOR SHALL INSPECT AND MAINTAIN EROSION CONTROL MEASURES, AND REMOVE SEDIMENT THEREFROM ON A WEEKLY BASIS AND WITHIN TWELVE HOURS AFTER EACH STORM EVENT AND DISPOSE OF SEDIMENTS IN AN UPLAND AREA SUCH THAT THEY DO NOT ENCUMBER OTHER DRAINAGE STRUCTURES AND PROTECTED AREAS.
  - CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT REGULATORY PROTECTED AREAS, WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND, OR DIRECT DEPOSIT.
  - CONTRACTOR SHALL PERFORM CONSTRUCTION SEQUENCING SUCH THAT EARTH MATERIALS ARE EXPOSED FOR A MINIMUM OF TIME BEFORE THEY ARE COVERED, SEEDED, OR OTHERWISE STABILIZED TO PREVENT EROSION.
  - UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER, CONTRACTOR SHALL REMOVE AND DISPOSE OF EROSION CONTROL MEASURES AND CLEAN SEDIMENT AND DEBRIS FROM ENTIRE DRAINAGE AND SEWER SYSTEMS.
- Existing Conditions Information**
- BASE PLAN: THE PROPERTY LINES SHOWN AND THE TOPOGRAPHY AND PHYSICAL FEATURES WERE OBTAINED FROM A MAP ENTITLED "THE CONNECTICUT LIGHT AND POWER CO. BERLIN, CONN., SITE PLAN - 1987 PHOTOGRAMMETRY, TOWN OF GUILFORD, PROJECT NO. 59-3-266, SCALE: 1"=50', DATE: JAN 12, 1988, NO. 21381-A DN B, PROJECT: STEPSTONE HILL SUBSTATION, DWG. NO. 21381-A NO B.
    - DELINEATION OF THE WETLANDS AND PLACEMENT OF THE FLAGS WAS PERFORMED BY: VHB, INC.
    - FLAGS MARKING THE WETLANDS WERE LOCATED BY: VHB, INC.
  - TOPOGRAPHY: ELEVATIONS ARE BASED ON CT NAD 29.

PLANS AND SPECIFICATIONS ARE SUBJECT TO REVISIONS PENDING FINAL SITING COUNCIL APPROVAL

PRELIMINARY

NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
<b>Legend and General Notes</b>			
Stepstone Hill Substation			
Guilford, Connecticut			
BY	VHB	CHKD	APP
DATE	06/26/06	DATE	DATE
SCALE	NONE	DWG. NO.	C-1



# Site Plans

Issued for: **Location Approval**

Date Issued: June 26, 2006

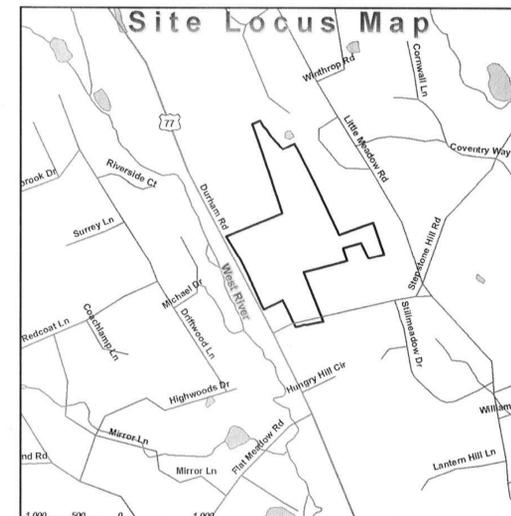
Latest Issue: June 26, 2006

## Index

No.	Drawing Title	Latest Issue
C-1	Legend and General Notes	06/26/06
C-2	Overall Site Plan	06/26/06
C-3	Layout and Erosion Control Plan	06/26/06
C-3a	Layout and Erosion Control Plan	06/26/06
C-4	Grading, Drainage and Utility Plan	06/26/06
C-4a	Grading, Drainage and Utility Plan	06/26/06
C-5	Site Details	06/26/06

# Stepstone Hill Substation

Stepstone Hill Road  
Guilford, Connecticut



Site Location Map ↑ 0 500 1000 Feet

## Property Information

Site:  
**The Connecticut Light and Power Company**  
Stepstone Hill Road  
Guilford, Connecticut

Applicant:  
**The Connecticut Light and Power Company**  
P.O. Box 270  
Hartford, Connecticut 061414-0270  
(860) 605-5000

Assessor's Plat: Map 91  
Lot: 46 and 46A



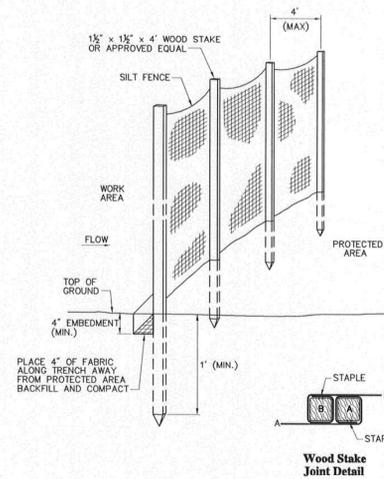
**Connecticut  
Light & Power**

**The Northeast Utilities System**

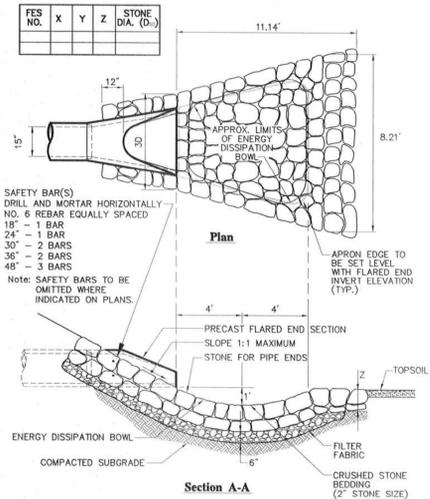


*Vanasse Hangen Brustlin, Inc.*  
Transportation  
Land Development  
Environmental Services

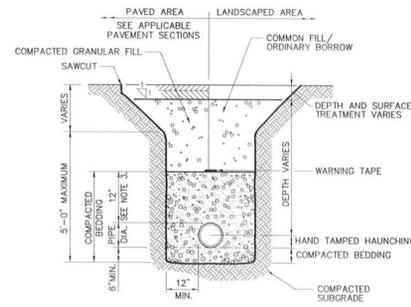




**Silt Fence Barrier** 6/03  
N.T.S. Source: VHB LD\_650

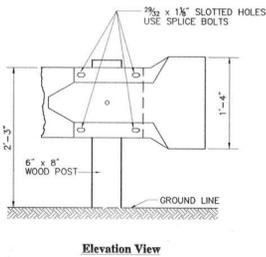
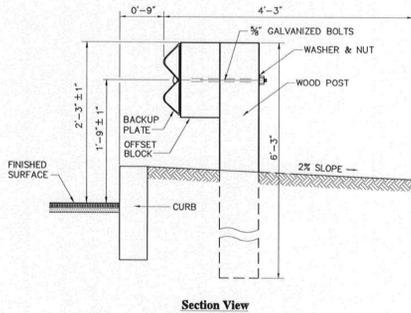
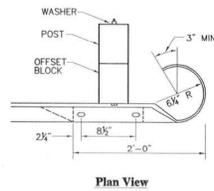
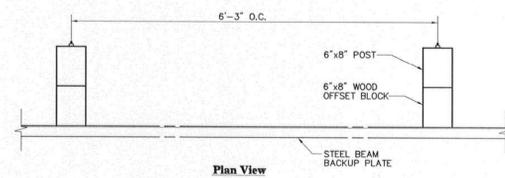


**Flared End Section (FES) with Stone Protection** 6/03  
N.T.S. Source: VHB REV LD\_134

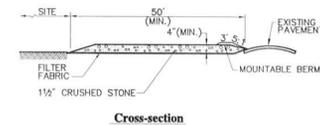
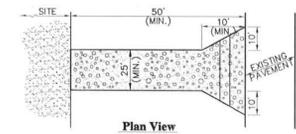


- Notes:**
- WHERE UTILITY TRENCHES ARE CONSTRUCTED THROUGH DETENTION BASIN BERMS OR OTHER SUCH SPECIAL SECTIONS, PLACE TRENCH BACKFILL WITH MATERIALS SIMILAR TO THE SPECIAL SECTION REQUIREMENTS.
  - USE METALLIC TRACING/WARNING TAPE OVER ALL PIPES.
  - FOR HDPE PIPE, DIMENSION IS 24 INCHES.

**Utility Trench** 6/03  
N.T.S. Source: VHB LD\_300

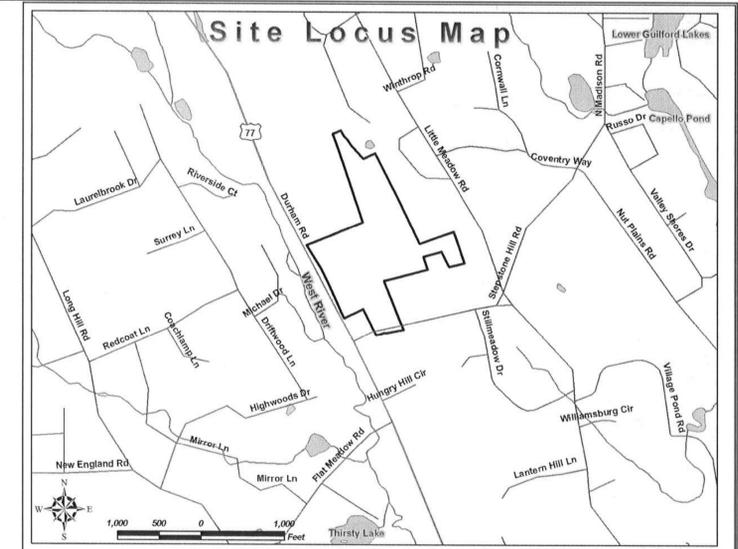


**Steel Beam Guardrail with Wood Post** 6/03  
N.T.S. Source: VHB LD\_455



- Notes:**
- ENTRANCE WIDTH SHALL BE A TWENTY-FIVE (25) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
  - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. BERM SHALL BE PERMITTED. PERIODIC INSPECTION AND MAINTENANCE SHALL BE PROVIDED AS NEEDED.
  - STABILIZED CONSTRUCTION EXIT SHALL BE REMOVED PRIOR TO FINAL FINISH MATERIALS BEING INSTALLED.

**Stabilized Construction Exit** 6/03  
N.T.S. Source: VHB LD\_682



**Connecticut Light & Power**

**The Northeast Utilities System**

PLANS AND SPECIFICATIONS ARE SUBJECT TO REVISIONS PENDING FINAL SITING COUNCIL APPROVAL

**PRELIMINARY**

CAD GENERATED DWG



NORTHEAST UTILITIES SERVICE CO.			
FOR THE CONNECTICUT LIGHT & POWER COMPANY			
TITLE			
<b>Site Details</b> <b>Stepstone Hill Substation</b> Guilford, Connecticut			
BY	VHB	CHKD	APP
DATE	06/26/06	DATE	DATE
SCALE	NONE	DWG. NO.	C-5
MF	NO.	DATE	REVISIONS
BY	CHK	APP	APP