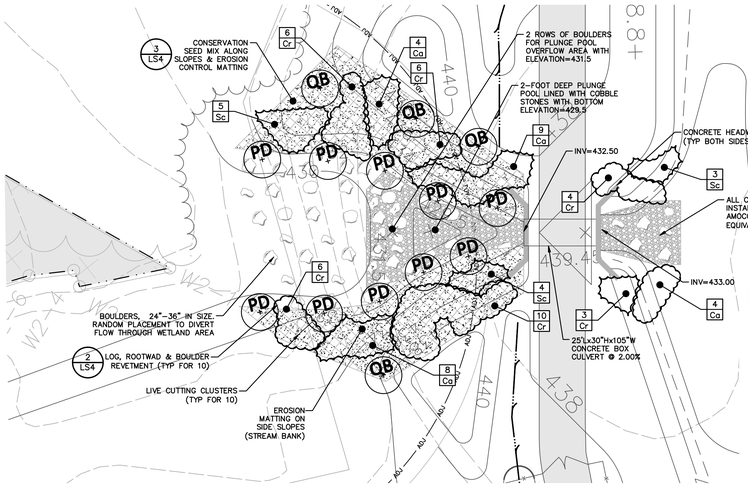
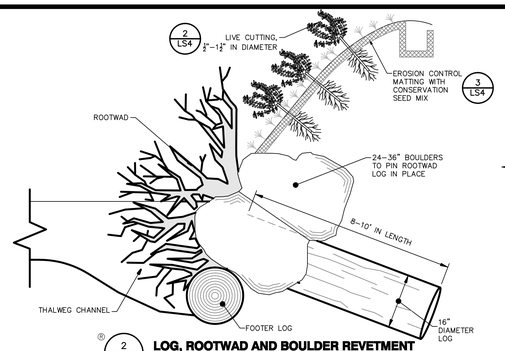


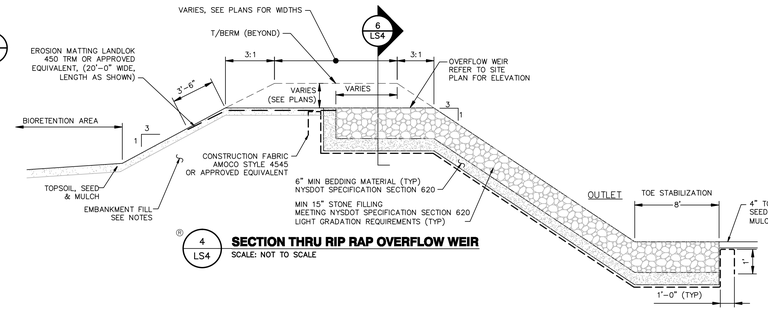

1 LS4 **CULVERT OUTLET PROTECTION ENLARGEMENT PLAN**
SCALE: 1"=20'

**LAYOUT AND LANDSCAPING LEGEND:**

- LOG, ROOTWAD & BOULDER REVETMENT
- CONTAINERIZED SHRUBS
- CONSERVATION SEED MIX & EROSION CONTROL MATTING
- MIX OF 8-10" COBBLE STONE



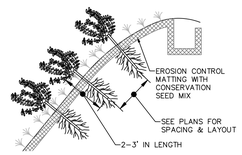

2 LS4 **LOG, ROOTWAD AND BOULDER REVETMENT**
SCALE: NOT TO SCALE



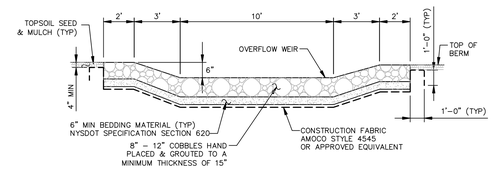

4 LS4 **SECTION THRU RIP RAP OVERFLOW WEIR**
SCALE: NOT TO SCALE

**OVERFLOW WEIR NOTES:**

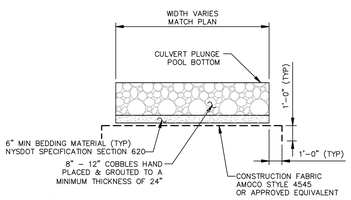
1. EMBANKMENT FILL FOR THE BERM SHALL CONSIST OF A CLEAN WELL GRADED MIXTURE OF SILT, CLAY,SAND AND GRAVEL WITH NO PARTICLES LARGER THAN 6 INCHES. IF SUITABLE, EXCAVATED ON SITE SOILS SHALL BE SELECTIVELY STOCKPILED FOR USE AS EMBANKMENT FILL IN AREAS DESIGNATED BY THE ENGINEER. SOIL SUITABLE FOR USE AS EMBANKMENT FILL SHALL HAVE AT LEAST 40 PERCENT BY WEIGHT FINER THAN THE No. 200 SIEVE AND NO MORE THAN 15 PERCENT BY WEIGHT COARSER THAN THE No. 4 SIEVE. THE FILL SHALL BE FREE OF VEGETATION, ORGANIC MATERIAL AND FROZEN SOIL.
2. ALL AREAS TO BE FILLED SHALL BE FIRST PREPARED BY STRIPPING ALL TOPSOIL AND REMOVING ALL SOFT, WET OR ORGANIC SOIL THAT CANNOT BE COMPACTED BY PROOFROLLING WITH A VIBRATOR ROLLER WEIGHING AT LEAST 10 TONS. PROOFROLLING SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER AND SOIL WHICH CANNOT BE COMPACTED SHALL BE REMOVED.
3. ALL FILL SHALL BE PLACED IN LIFTS NOT EXCEEDING 8 INCHES IN THICKNESS WHEN LOOSE AND BE COMPACTED TO A DENSITY OF AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED IN ACCORDANCE WITH ASTM-1557. ROUGH UP SUBGRAE TO BLEND WITH FIRST LIFT.



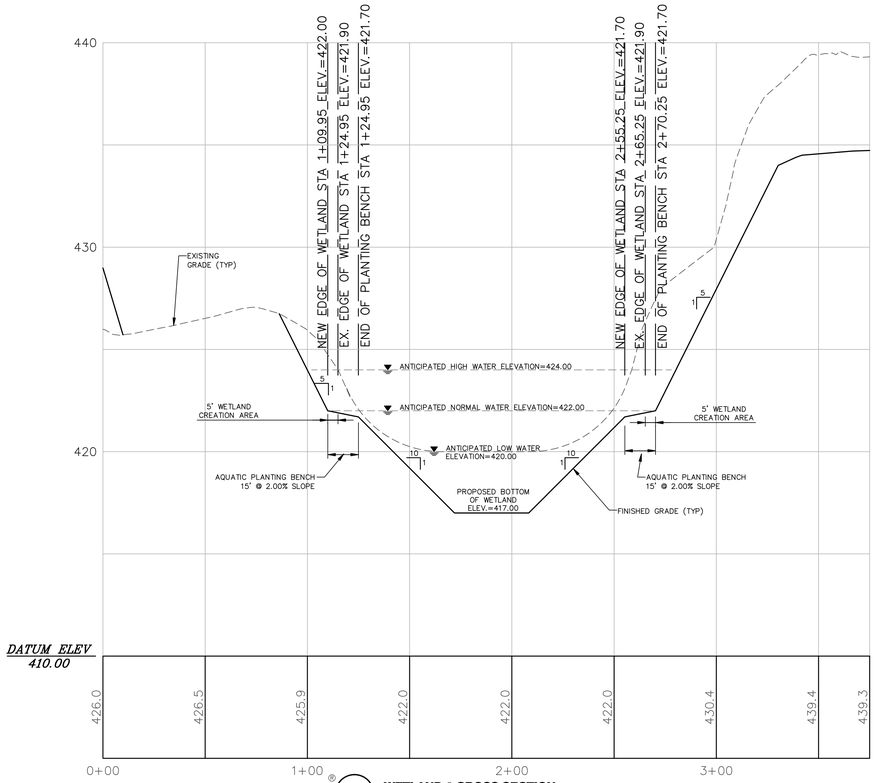

3 LS4 **LIVE CUTTING & SLOPE STABILIZATION**
SCALE: NOT TO SCALE



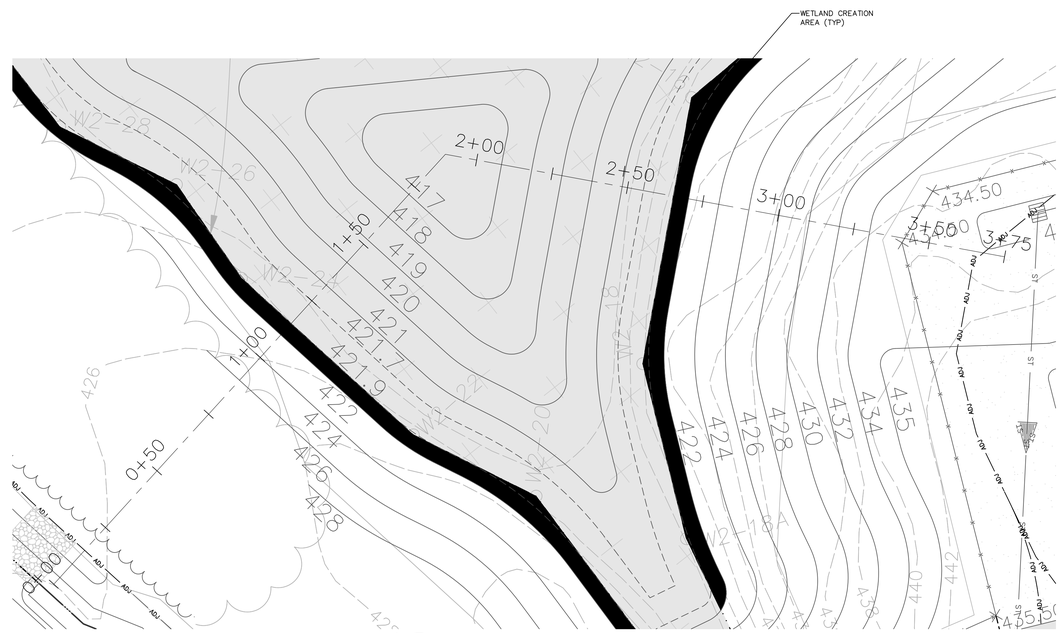

5 LS4 **SECTION THRU BIORETENTION AREA OVER FLOW WEIR**
SCALE: NOT TO SCALE




6 LS4 **CULVERT PLUNGE POOL BOTTOM SECTION**
SCALE: NOT TO SCALE




7 LS4 **WETLAND 2 CROSS SECTION**
SCALE: 1"=20'




8 LS4 **WETLAND 2 PLAN**
SCALE: 1"=20'

**ISSUED FOR PRELIMINARY USE ONLY**

PROJECT NAME
CRICKET VALLEY ENERGY

DEVELOPER
CRICKET VALLEY ENERGY CENTER, LLC.

OWNER OF RECORD
HOWLANDS LAKE PARTNERS, LLC
P.O. BOX 285
MOUNT KISCO, NEW YORK 10549

Dig Safely. New York
☐ Call Before You Dig
☐ Wait The Required Time
☐ Confirm Utility Response
☐ Respect The Marks
☐ Dig With Care
800-962-7962
www.digsafelynewyork.com

ALL RIGHTS RESERVED. COPY OR REPRODUCTION OF THIS PLAN OR ANY PORTION, THEREOF IS PROHIBITED WITHOUT THE WRITTEN PERMISSION OF THE DESIGN ENGINEER, SURVEYOR, OR ARCHITECT.

ALTERATION OF THIS DRAWING, EXCEPT BY A LICENSED P.E. IS ILLEGAL. ANY ALTERATION BY A P.E. MUST BE INDICATED AND BEAR THE APPROPRIATE SEAL, SIGNATURE AND DATE OF ALTERATION.

THE Chazen COMPANIES®
Engineers/Surveyors
Planners
Environmental Scientists
Landscape Architects

CHAZEN ENGINEERING, LAND SURVEYING & LANDSCAPE ARCHITECTURE CO., P.C.

*Office Locations:*

*Dutchess County Office:*
21 Fox Street
Poughkeepsie, New York 12601
Phone: (845) 454-3980

*Capital District Office:*
547 River Street
Troy, New York 12180
Phone: (518) 273-0055

*North Country Office:*
100 Glen Street
Glens Falls, New York 12801
Phone: (518) 812-0513

| rev. | date | description |
|---|---|---|

CRICKET VALLEY ENERGY

# WETLAND RESTORATION NOTES & DETAILS

TOWN OF DOVER, DUTCHESS COUNTY, NEW YORK

| | |
|---|---|
| drawn HPS | checked CL |
| date 8/30/12 | scale AS SHOWN |
| project no. 81001.00 | |
| sheet no. LS4 | |

Drawing Name: S:\81\81000-81099\81001.00\ENG\DWG\02-LS4_LA DETS & NOTES_81001_00.dwg
Xref's Attached: XENG_BASE_81001-00; X_LAYOUT_81001-00; XTB_30x42_81001-00; X_LANDSCAPE_81001-00; X_EROS_81001-00
Date Printed: Sep 04, 2012, 6:15pm