

Little, Geof

From: Little, Geof
Sent: Tuesday, October 09, 2012 3:01 PM
To: 'Hannu Kemppinen'
Cc: Brenda Coble (brendalcoble@bellsouth.net); Evan Andrews; Patrone, John
Subject: RE: CDLF Gas Vent Construction

Dear Hannu,

This email authorizes the modifications to the closure construction at the Cobles C&D Landfill including the use of 8- and 10-inch diameter pipe.

The submittal referenced below and this authorization are identified together as Document ID No. 17384.

Please let me know of any questions or comments regarding this authorization.

Thanks,

Geof

Geoffrey H. Little
Solid Waste Section
NC-DENR Division of Waste Management

Email correspondence to and from this sender may be subject to the N.C. Public Records Law and may be disclosed to third parties.

From: Hannu Kemppinen [<mailto:hkemppin@joyceengineering.com>]
Sent: Monday, October 01, 2012 11:33 AM
To: Little, Geof
Cc: Brenda Coble (brendalcoble@bellsouth.net); Evan Andrews
Subject: CDLF Gas Vent Construction

Geoff,

This email is in response to our telephone conversation last week regarding gas vent construction at a C&D landfill. The attached Drawing EP-06 is the approved drawing for the Coble's Sandrock C&D landfill closure from 2008 with gas vent detail. For the practical consideration to install a gas vent in the C&D landfill where the waste includes lumber, concrete and rebar the gas vent pits must be excavated rather than drilled. We propose the slight modifications sketched on the attached drawing detail; the total depth from surface to be 10 feet, and the low-permeability soil used for the closure as an alternate for the bentonite plug. In addition to these changes, the Coble's C&D landfill has larger pipe material on site (8 and 10 inch diameter PVC pipe). The Cobles request the use of larger pipe for the gas vent installation to utilize the material at hand rather than purchasing new materials.

Joyce Engineering on behalf of the Coble's Sandrock C&D landfill is requesting approval for the above modifications to the gas vent construction methods and materials. Your prompt response will be appreciated while the closure work is under construction and the gas vents installation is about to begin.

Hannu Kemppinen, P.G. | Senior Project Consultant |
JOYCE ENGINEERING

NO.	REV.	DATE	REVISIONS AND RECORD OF ISSUES
1	EA	5/19/09	MOORE'S GAS VENT DETAIL
2	EA	5/19/09	VENT LOCATIONS REVISED, SHOWN ON CHAN.
3	EA	5/19/09	VENT LOCATIONS REVISED, SHOWN ON CHAN.
4	EA	5/19/09	VENT LOCATIONS REVISED, SHOWN ON CHAN.

DATE: 5/19/09
 APPROVED: EA
 CHECKED: EA
 DRAWN: RB
 DESIGNED: SC



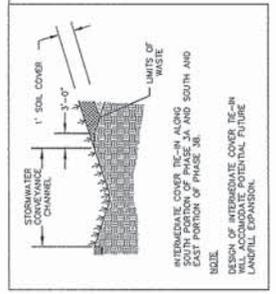
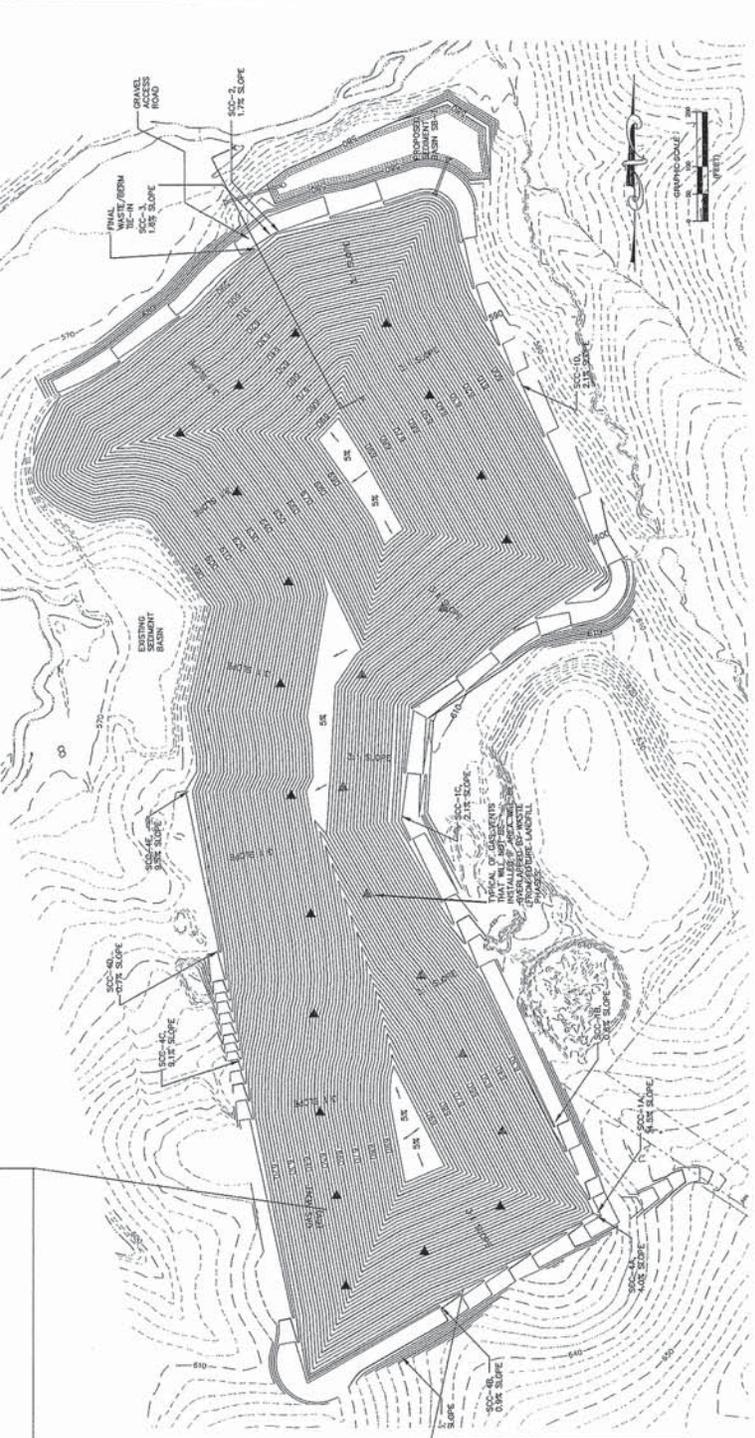
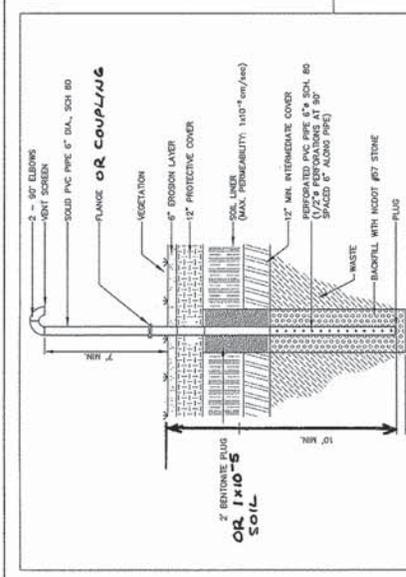
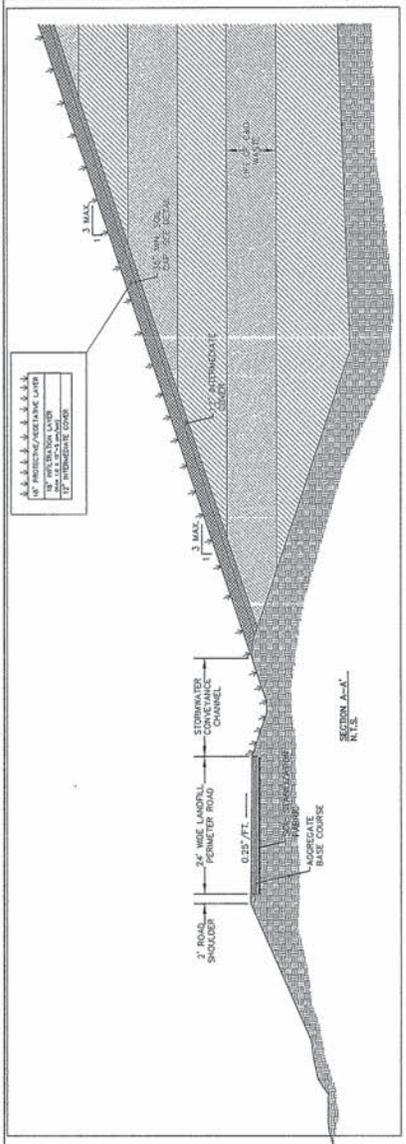
COBLE'S SANDROCK, INC.
 ENGINEERING, INC.
 2011 WEST HARMONY ROAD
 KIMESVILLE, NC 27093
 PHONE: (336) 293-0883
 FAX: (336) 293-0882

FINAL GRADING PLAN
 COBLE'S SANDROCK, INC.
 KIMESVILLE, NORTH CAROLINA

PROJECT NO.
 419.22

SCALE
 1" = 100'

DRAWING NO.
 17384-FB-0063



10/9/2012 DIN 17384-FB-0063