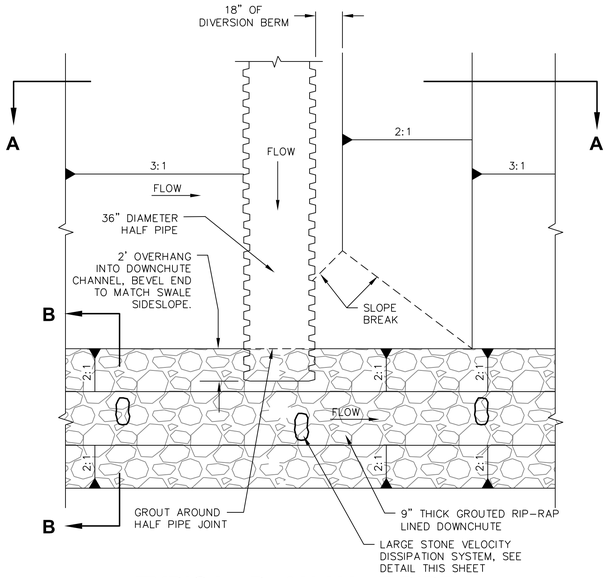
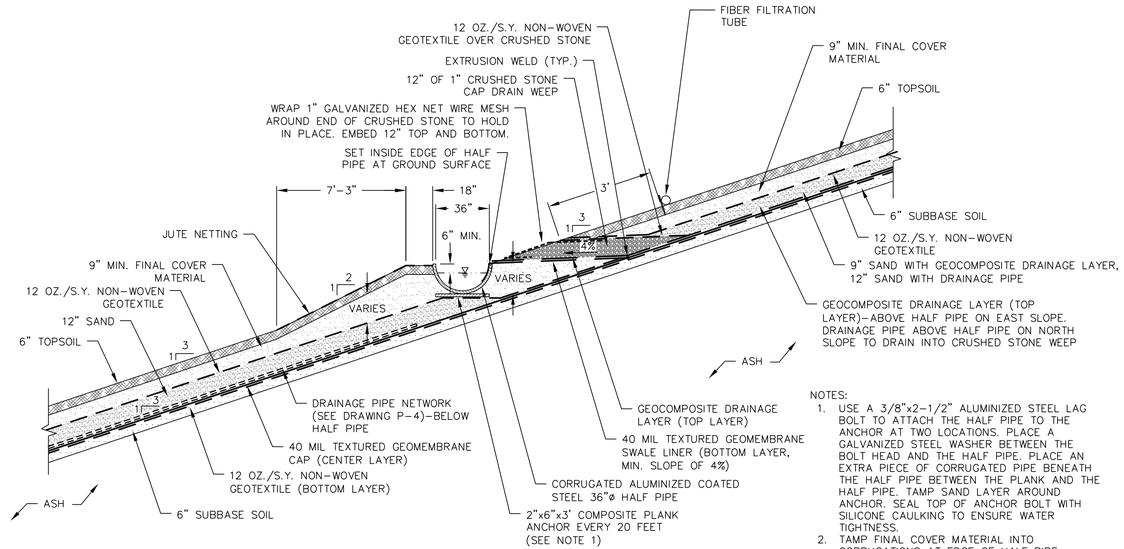


TYPICAL PLAN-HALF PIPE SWALE INTO DOWNCHUTE SWALE

NTS



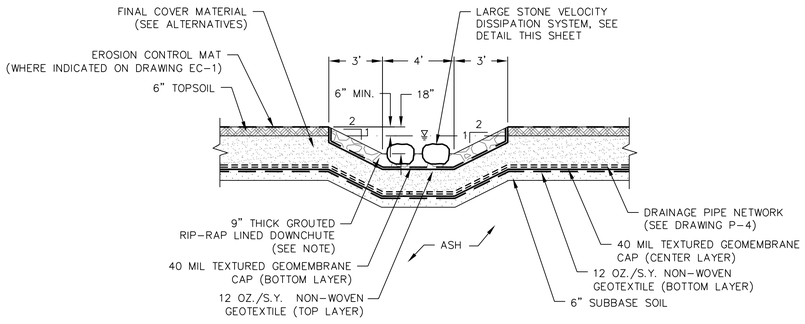
NOTES:

1. USE A 3/8"x2-1/2" ALUMINIZED STEEL LAG BOLT TO ATTACH THE HALF PIPE TO THE ANCHOR AT TWO LOCATIONS. PLACE A GALVANIZED STEEL WASHER BETWEEN THE BOLT HEAD AND THE HALF PIPE. PLACE AN EXTRA PIECE OF CORRUGATED PIPE BENEATH THE HALF PIPE BETWEEN THE PLANK AND THE HALF PIPE. TAMP SAND LAYER AROUND ANCHOR. SEAL TOP OF ANCHOR BOLT WITH SILICONE CAULKING TO ENSURE WATER TIGHTNESS.
2. TAMP FINAL COVER MATERIAL INTO CORRUGATIONS AT EDGE OF HALF PIPE.
3. EXTEND 40 MIL TEXTURED GEOMEMBRANE SWALE LINER (BOTTOM LAYER) A MINIMUM OF 12" BEYOND THE EDGE OF THE STEEL HALF PIPE.

SECTION A-A

HALF PIPE SLOPE DIVERSION SWALE

NTS



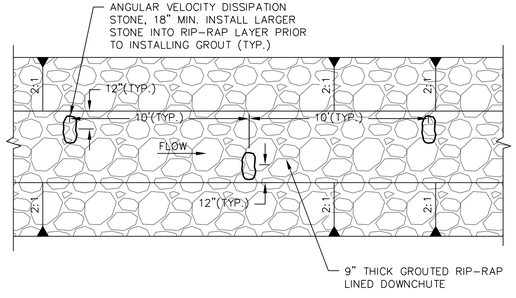
SECTION B-B

NOTES:

1. PLACE 9" RIP-RAP ON GEOTEXTILE LAYER
2. FILL VOID SPACES WITH FLOWABLE GROUT SUCH THAT STONE REMAINS EXPOSED AT THE SURFACE

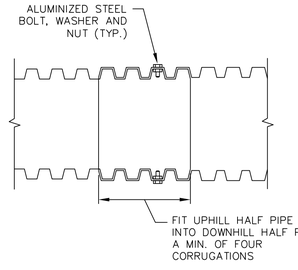
TRAPEZOIDAL DOWNCHUTE ON FINAL COVER

NTS



TYPICAL LARGE STONE VELOCITY DISSIPATION SYSTEM SPACING DETAIL

NTS



HALF PIPE CONNECTION DETAIL

NTS

NO.	REVISIONS	DATE	APPROVAL

DATE _____

CARL N. STOPPER
PROFESSIONAL ENGINEER
CT PE # 13255

CONNECTICUT RESOURCES RECOVERY AUTHORITY
HARTFORD LANDFILL
HARTFORD, CONNECTICUT

TRC
21 Griffin Road North
Windsor, CT 06095
(860) 298-9692

HARTFORD LANDFILL PHASE I ASH AREA FINAL CLOSURE

LANDFILL CAP DRAINAGE DETAILS

DESIGN:	MAB	03/02/09
DRAWN:	KDH	03/02/09
CHECKED:	CNS	03/02/09
SCALE: NTS		
PROJECT: 153306-000260-000006		
DRAWING		

D-1

J:\CAD\153306\000260\Final Ash Area Closure\
D-1.dwg Layout:D-1 March 17, 2009-3:11PM Raioma