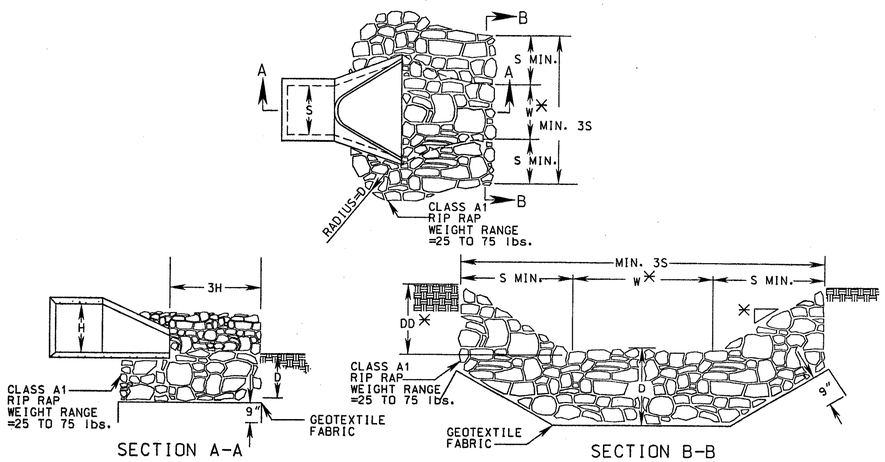
DETAIL 1



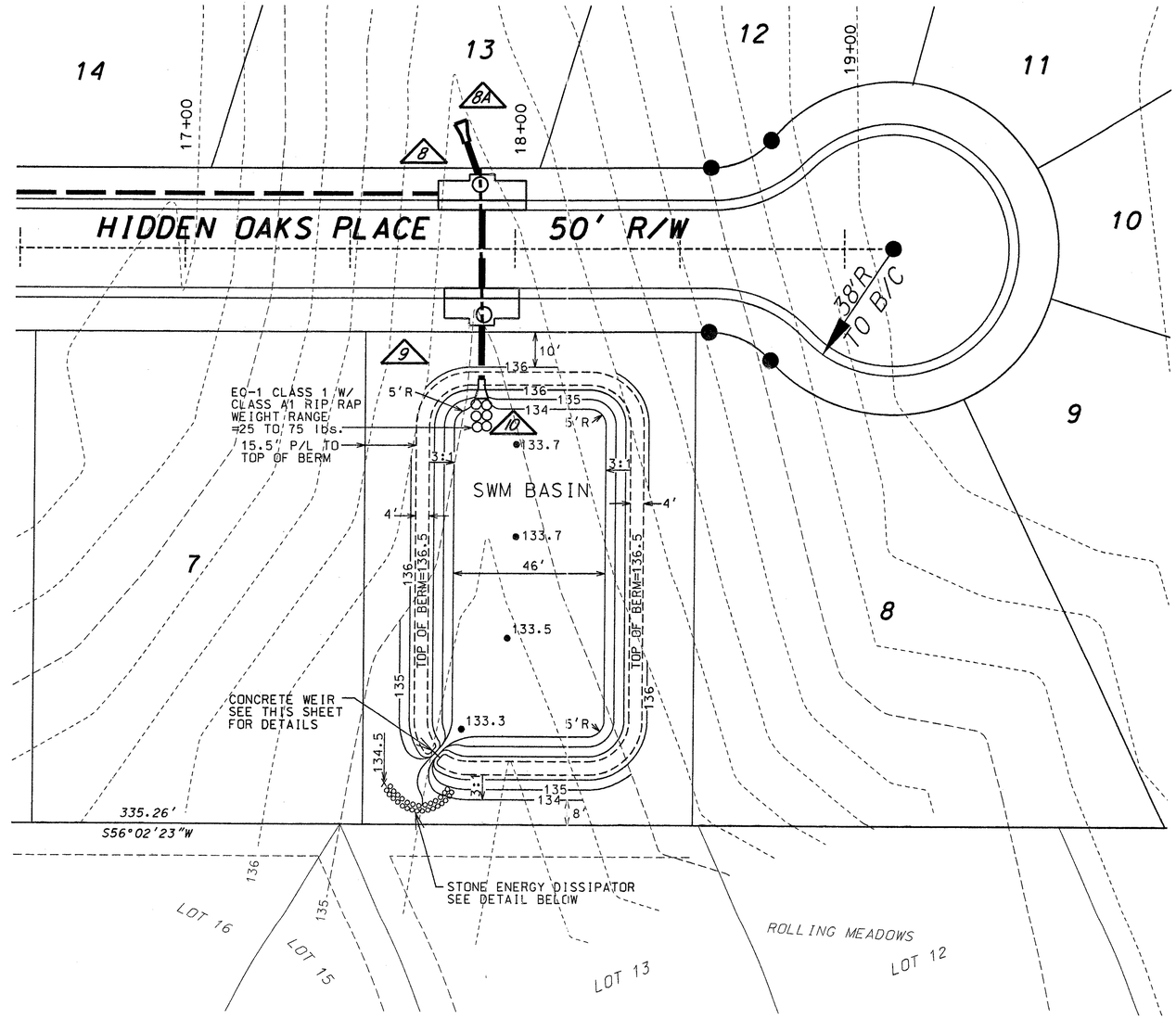
NOTES:

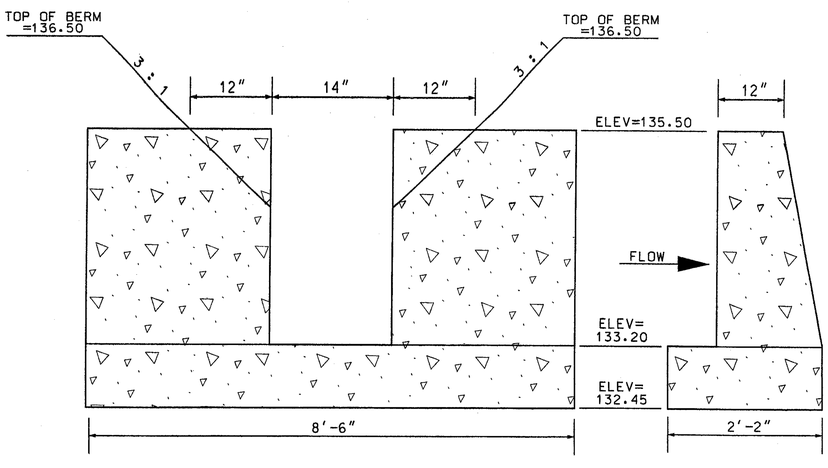
1. FOR MULTIPLE LINE INSTALLATIONS DIMENSION S IS TO GOVERN THE PROTECTION OUTSIDE THE CHANNEL WIDTH (W).
2. ON ANY SECONDARY ROADS INSTALLATION REQUIRING EROSION CONTROL STONE WHERE NO ENDWALL OR ENDSECTION IS SPECIFIED ON PLANS, CONSTRUCTION IS TO BE IN ACCORDANCE WITH DETAIL 2 SHOWN ABOVE.
3. GEOTEXTILE FABRIC TO BE INSTALLED UNDER ALL EROSION CONTROL STONE IN ACCORDANCE WITH THE SPECIFICATIONS.
4. S = DIAMETER OF CIRCULAR CULVERT OR SPAN FOR BOX, ELLIPTICAL OR ARCH CULVERT. H = DIAMETER OF CIRCULAR CULVERT OR RISE/HEIGHT FOR BOX, ELLIPTICAL OR ARCH CULVERT.
5. ✳ USE TYPICAL SECTION SHOWN ON PLANS OR FOR SIDESLOPE, BOTTOM WIDTH AND DEPTH OF CHANNEL. MATCH EXISTING DITCH OR NATURAL GROUND.

EC-1	MIN. DEPTH "D"
CLASS I	2'
CLASS II	3'

NOTE: ALL EROSION CONTROL STONE SHALL BE CLASS A1 RIP RAP

EC-1 VDOT STD. 114.01

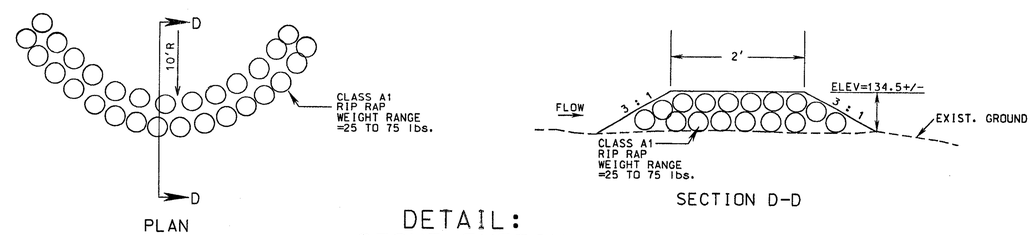




WEIR DETAIL FOR SWM BASIN

NOT TO SCALE

NOTE: ALL CONCRETE SHALL BE CLASS A3
PROVIDE 3/4" CHAMFER TO ALL EDGES



DETAIL:
STONE ENERGY
DISSIPATOR

NOT TO SCALE

ROBERT H. CROWDER, Inc
P.O. BOX 850 PRINCE GEORGE, VA 23875
Phone: 804-861-5217 Fax: 804-861-9115

REVISION	DATE
Co./VDOT	08/02/02
Co./VDOT	08/08/02

HIDDEN OAKS
BLAND DISTRICT
PRINCE GEORGE COUNTY, VIRGINIA
SWM BASIN PLAN AND DETAILS

COMMONWEALTH OF VIRGINIA
CLAYTON M. THOMAS, IV
No. 35470
PROFESSIONAL ENGINEER
8/6/02

DATE: MAY 10, 2002	
SCALE: 1" = 20'	
DESIGN:	DRAWN:
CHECK:	CHECK:
JOB NO.:	
SHEET 9 OF 11	