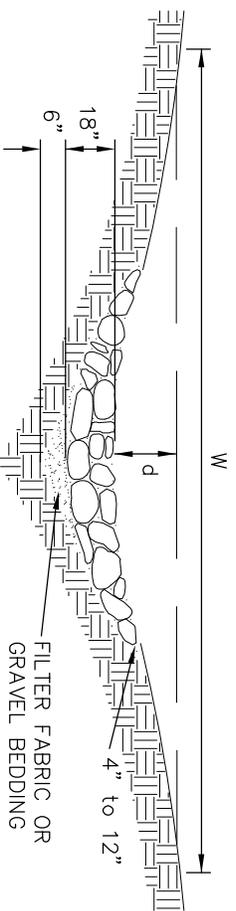
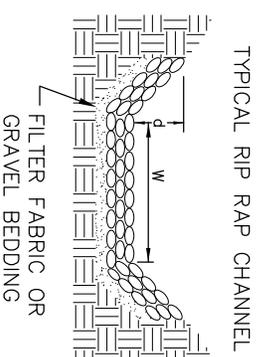


PARABOLIC-SHAPED WATERWAY WITH STONE CENTER DRAIN
(SHAPED BY BULLDOZER)



V-SHAPED WATERWAY WITH STONE CENTER DRAIN
(SHAPED BY MOTOR GRADER)



TYPICAL RIP RAP CHANNEL
TRAPEZOIDAL

NOTE:

TO BE USED WHERE EXCESSIVE STORMWATER VELOCITIES PROHIBIT VEGETATIVE LININGS. SIZE OF STONE MUST BE DETERMINED BY APPROPRIATE DESIGN PROCEDURE. DIMENSIONS FOR d & W VARIES ACCORDING TO DESIGN.

REVISIONS	
DATE	DESCRIPTION



CITY OF ASHEVILLE, N.C.
ENGINEERING DEPARTMENT

RIP RAP LINED CHANNELS

STD. No.

4.10