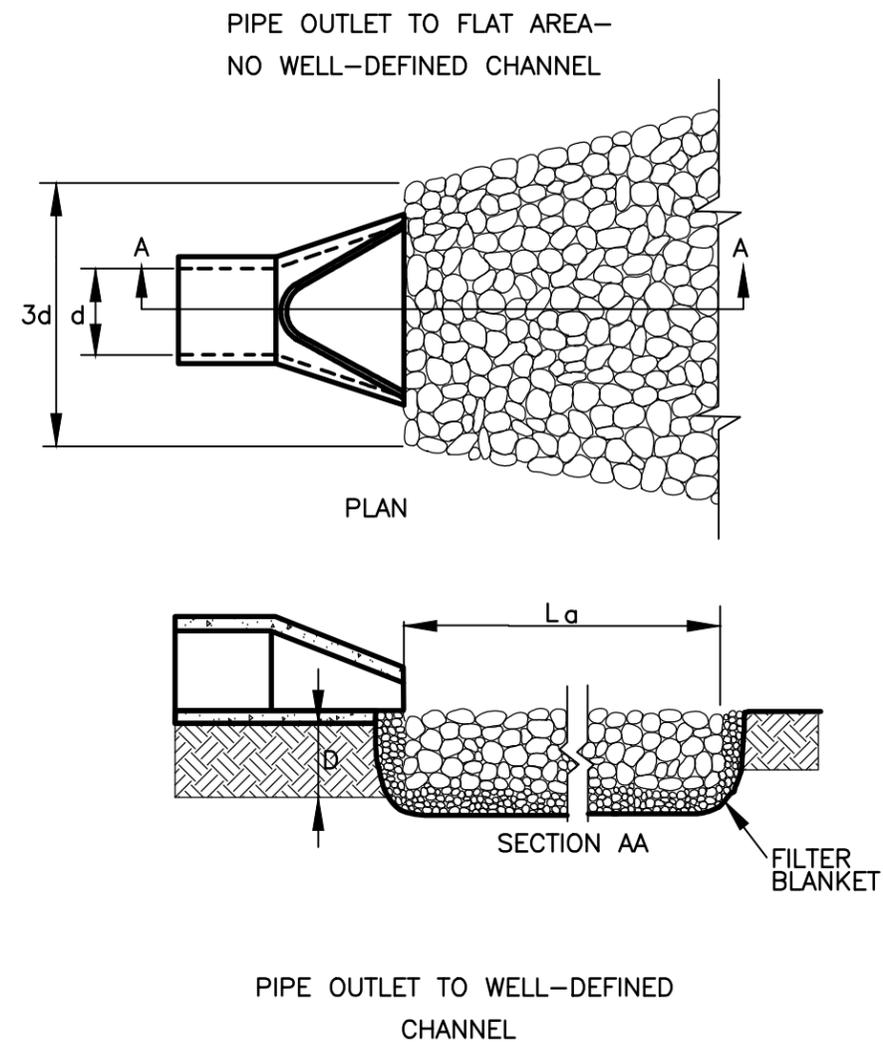


DETAILS MODIFIED FROM VA SWCC



PIPE OUTLET TO WELL-DEFINED CHANNEL

St STORM DRAIN OUTLET PROTECTION

15

TO BE SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN

1. THE FLOW CHARACTERISTICS OF THE PIPE AT FULL FLOW INCLUDING PIPE DIAMETER, FLOW RATE (CFS), VELOCITY (FPS), AND TAILWATER CONDITION
2. THE DIMENSIONS OF THE APRON INCLUDING LENGTH ( $L_a$ ), WIDTH AT THE HEADWALL ( $W_1$ ), DOWNSTREAM WIDTH ( $W_2$ ), AVERAGE STONE DIAMETER ( $d_{50}$ ), MAX STONE SIZE ( $d_{max}$ ) AND STONE DEPTH (D) DESIGNED IN ACCORDANCE WITH FIGURES 6-24.1 AND 6- 24.2 IN GREEN BOOK.

THIS DETAIL WAS TAKEN FROM THE CITY OF ATLANTA'S WEBSITE. IT MAY HAVE BEEN MODIFIED AND SHOULD BE REVIEWED THOROUGHLY.

	STANDARD DETAILS	REV. DATE: SEPT 2011
	STORM DRAIN OUTLET PROTECTION 1 OF 2	ORIG. DATE: NOV 2004 SCALE: N.T.S.
		DETAIL NO. ER-G_ST001