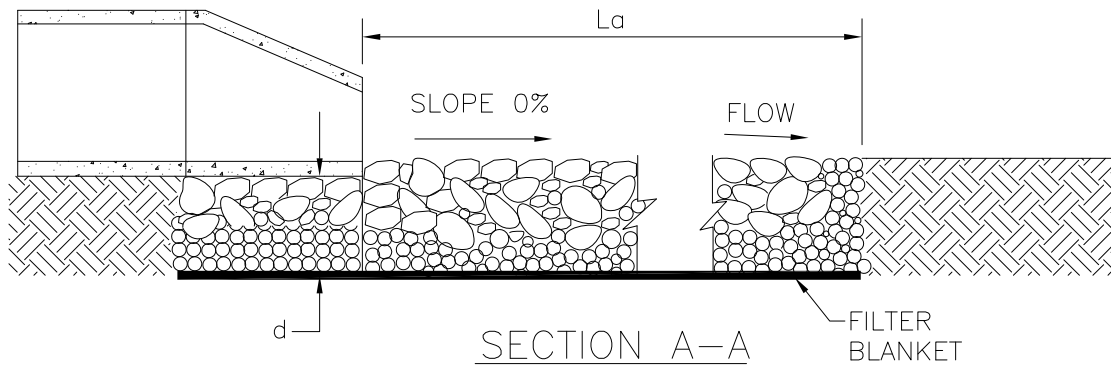
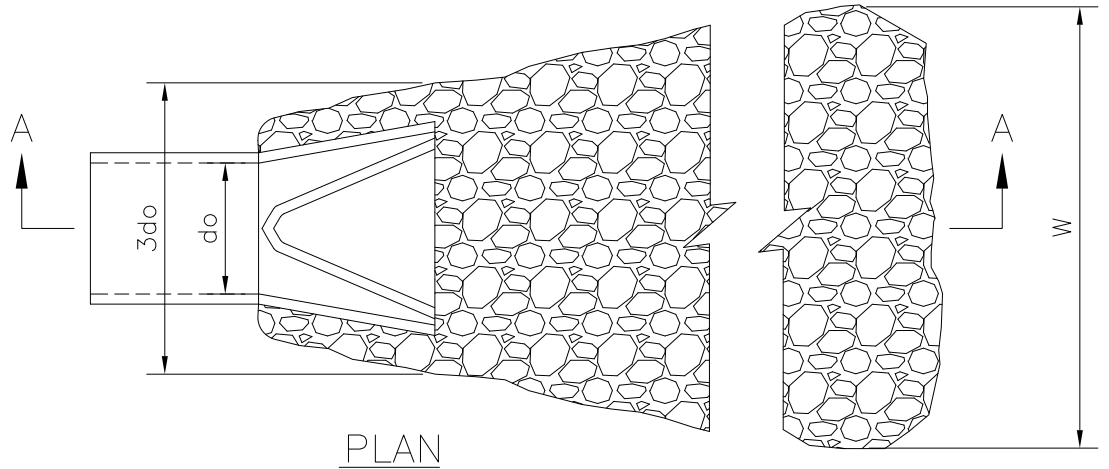


$d_o$  = PIPE DIA.  
 $L_a$  = APRON LENGTH  
 $W$  = APRON WIDTH  
 $3 \times$  PIPE  $\phi$  (MIN.)  
 $d$  = APRON DEPTH



NOTES:

(SEE APPROPRIATE PLAN OR SCHEDULE FOR DIMENSIONS)

1.  $L_a$  IS THE LENGTH OF THE RIP-RAP APRON.
2.  $d = 1.5$  TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 6".
3. A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIP-RAP AND SOIL FOUNDATION.

# RIP-RAP APRON — OUTLET CHANNEL DETAIL

NO SCALE