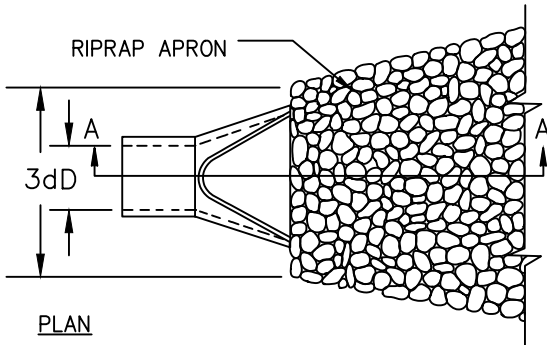
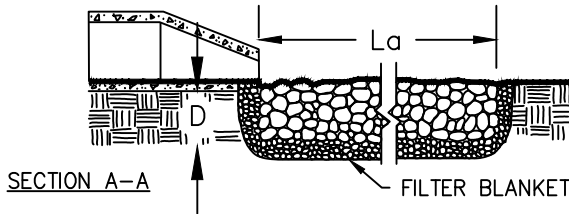


# RIPRAP OUTLET PROTECTION

## PIPE OUTLET TO FLAT AREA -- NO WELL DEFINED CHANNEL



PLAN

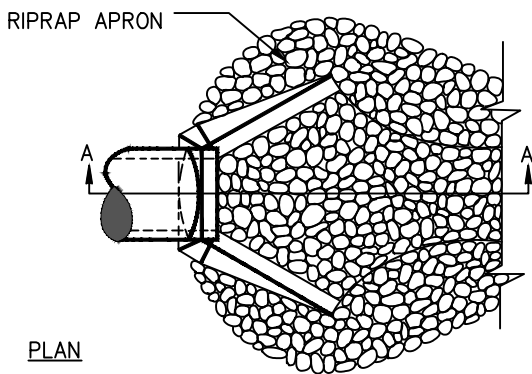


SECTION A-A

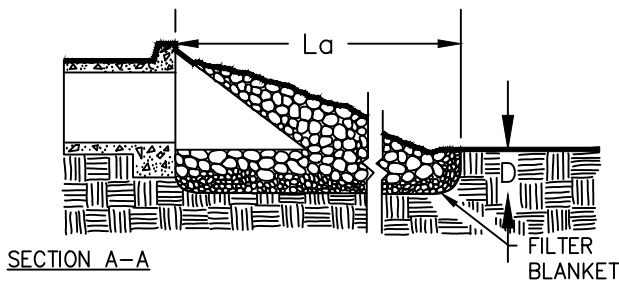
NOTES:

1.  $L_a$  IS THE LENGTH OF THE RIPRAP APRON.
2.  $D = 1.5$  TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 6".
3. IN A WELL-DEFINED CHANNEL, EXTEND THE APRON UP THE CHANNEL BANKS TO AN ELEVATION OF 6" ABOVE THE MAXIMUM TAILWATER DEPTH OR TO THE TOP OF THE BANK (WHICHEVER IS LESS).
4. A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIPRAP AND THE SOIL FOUNDATION.

## PIPE OUTLET TO WELL DEFINED CHANNEL



PLAN



SECTION A-A



CITY OF CORDELE, GEORGIA - STANDARD DETAIL

# RIPRAP OUTLET PROTECTION

DETAIL NO:

E-011

DATE: