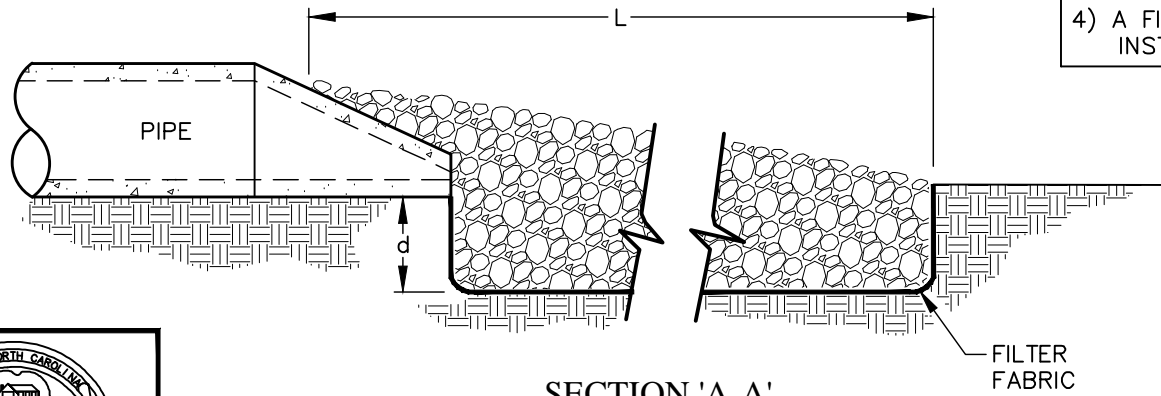


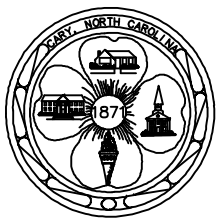
PLAN VIEW

- NOTES:**
- 1) L = THE LENGTH OF THE RIPRAP APRON.
 - 2) d = 1.5 TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 6" (inches).
 - 3) IN A WELL-DEFINED CHANNEL EXTEND THE APRON UP THE CHANNEL BANKS TO AN ELEVATION OF 6" (inches) 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 SOIL FOUNDATION.



SECTION 'A-A'

PIPE OUTLET TO WELL-DEFINED CHANNEL



EFFECTIVE: 12/10/09

DETAIL No.

04000.21
SHEET 1 OF 1