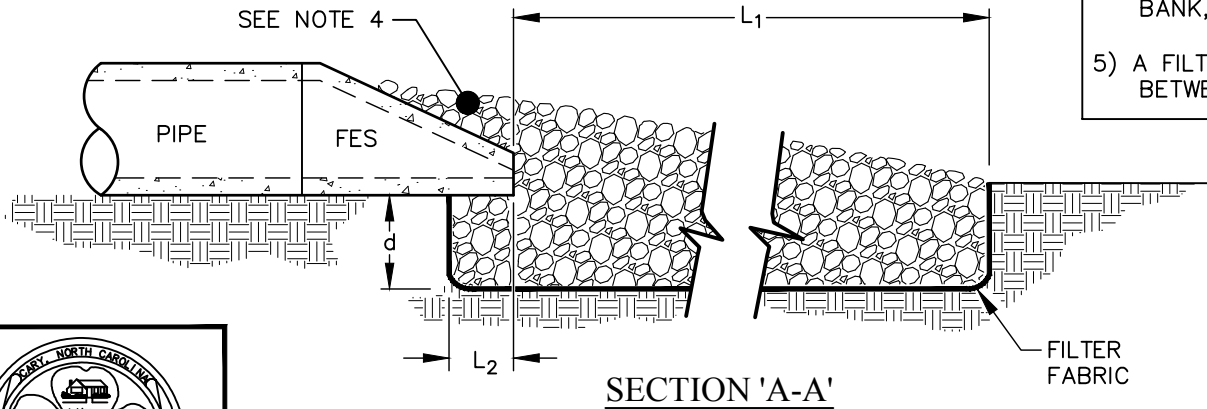


PLAN VIEW

NOTES:

- 1) L_1 = LENGTH OF THE RIPRAP APRON.
- 2) L_2 = RIPRAP TO BE INSTALLED UNDERNEATH 1/3 THE LENGTH OF FLARED END SECTION (FES).
- 3) d = 1.5 TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 6 INCHES.
- 4) 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.
- 5) A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIPRAP AND SOIL FOUNDATION.



SECTION 'A-A'

FILTER FABRIC



EFFECTIVE: 01/05/17

PIPE OUTLET TO WELL-DEFINED CHANNEL

DETAIL No.

04000.21

SHEET 1 OF 1