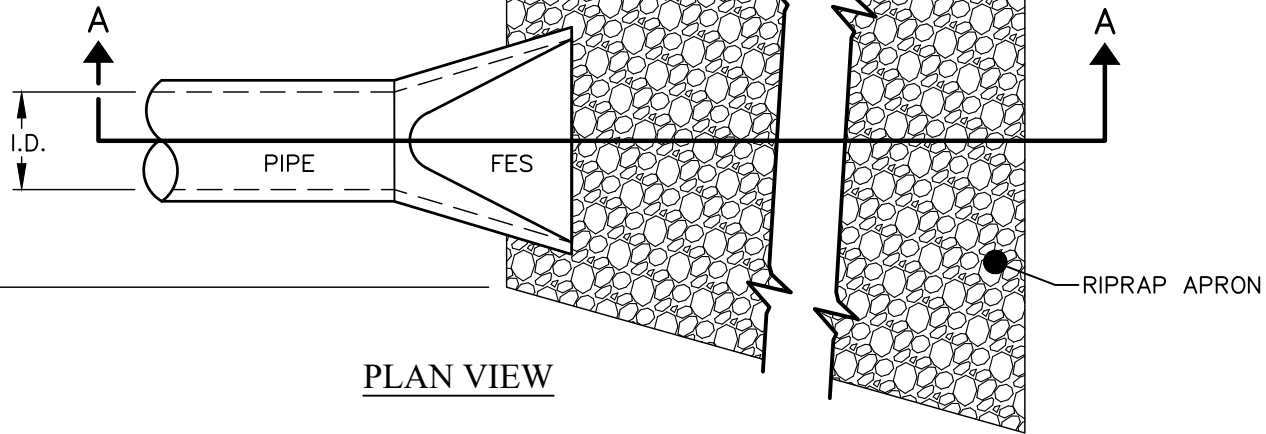


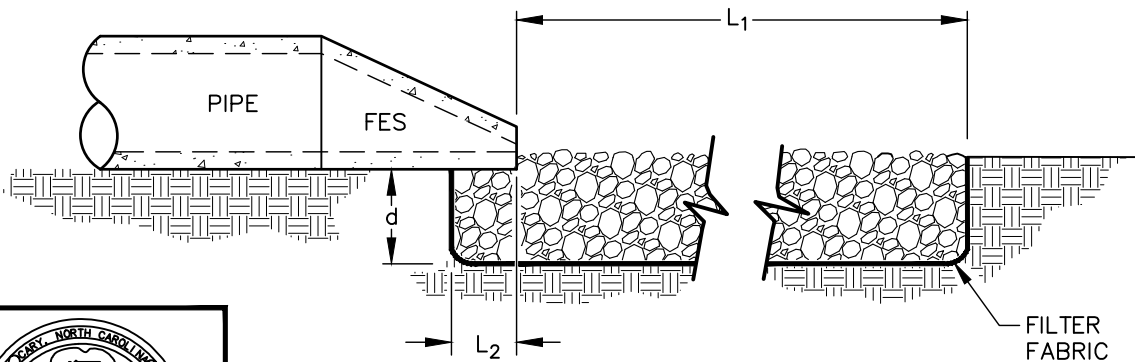
3 TIMES INNER  
DIAMETER (I.D.)



PLAN VIEW

NOTES:

- 1) L = 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) A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIPRAP AND SOIL FOUNDATION.



SECTION 'A-A'

PIPE OUTLET TO FLAT AREA  
NO WELL-DEFINED CHANNEL

DETAIL No.

4000.20



EFFECTIVE: 07/01/21