

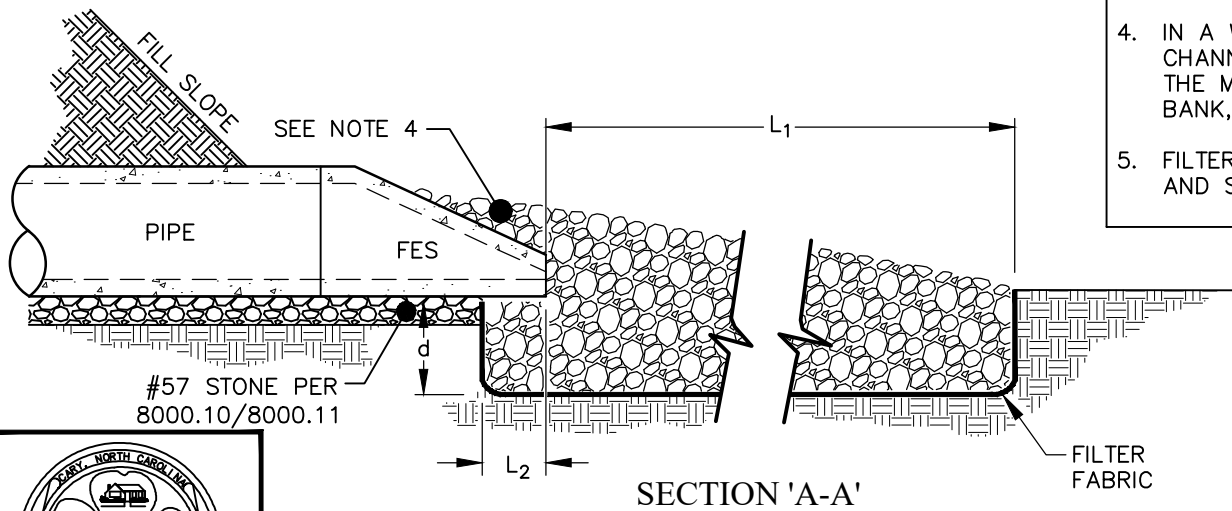
PLAN VIEW

**MAINTENANCE:**

1. INSPECT WEEKLY AND AFTER EACH RAINFALL EVENT.
2. REFRESH AND REPLACE DISLODGED STONE. MAKE REPAIRS IMMEDIATELY.

**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. FILTER FABRIC SHALL BE INSTALLED BETWEEN THE RIPRAP AND SOIL FOUNDATION.

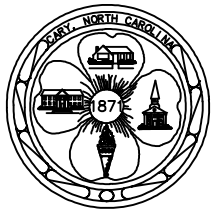


SECTION 'A-A'

#57 STONE PER  
8000.10/8000.11

NTS

PIPE OUTLET TO WELL-DEFINED CHANNEL



EFFECTIVE: 07/01/24

DETAIL No.

4000.21