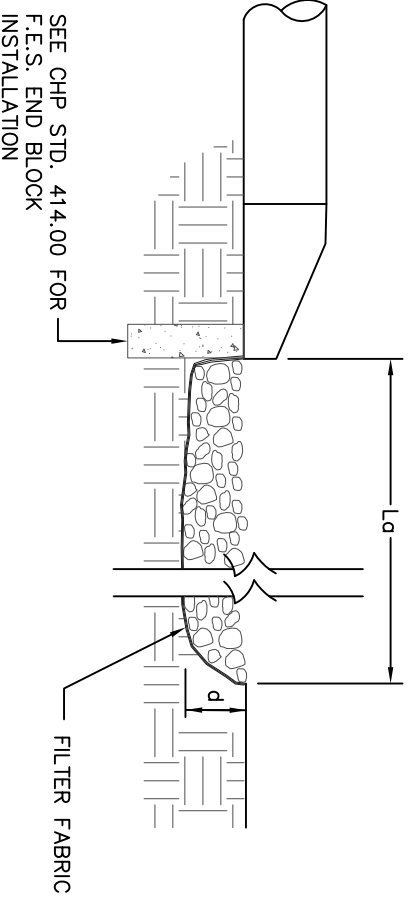


PLAN



SECTION AA

- NOTES:**
1. L_0 IS THE LENGTH OF THE RIPRAP APRON. L_0 IS CALCULATED FROM THE NC EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL, APPENDIX 8.06.1.
 2. $d = 1.5$ TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 6"
 3. $D_0 =$ OUTLET PIPE DIAMETER. $3D_0 = 3$ TIMES THE OUTLET PIPE DIAMETER.
 4. A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIPRAP AND SOIL FOUNDATION.

CITY OF HIGH POINT
 NORTH CAROLINA
 ENGINEERING SERVICES DEPARTMENT
 APPROVED... FEBRUARY 17, 2009
 DIRECTOR

ISSUED 2-17-09
 REVISIONS

STANDARD DRAWING FOR
PIPE OUTLET PROTECTION
 FOR PIPE FLOWING FULL WITH MINIMUM TAILWATER CONDITION

OUTPROTFLAT.DWG

616.01

SHEET 1 OF 1