DETAIL D-1  PIPE SLOPE DRAIN

DISCHARGE INTO A STABILIZED CHANNEL, SEDIMENT TRAPPING DEVICE, OR INTO A STABLE AREA AT A NON-EROSIVE VELOCITY.

FLOW

2.5 FT

FLOW

EXTEND TOP ELEVATION AT ZERO PERCENT GRADE UNTIL IT INTERCEPTS ADJOINING EARTH DIKE.

COMPACTED EARTH DIKE

4 TO 7 IN STONE APRON ON NONWOVEN GEOTEXTILE

FLOW

STANDARD FLARED END SECTION

ANCHORS EVERY 10 FT

DISCHARGES TO TRAPS AND BASINS MUST ENTER AT OR ABOVE WET POOL ELEVATION

HEIGHT = PIPE DIAMETER X 2 (MAX. 4 FT)

3% SLOPE OR GREATER

STANDARD FLARED END SECTION

19 IN

5 FT

4 FT

12 IN

NONWOVEN GEOTEXTILE

4 TO 7 IN STONE

MINIMUM LENGTH AT LESS THAN 1% SLOPE

NONWOVEN GEOTEXTILE

PROVIDE ROCK OUTLET PROTECTION AS REQUIRED ON PLAN.