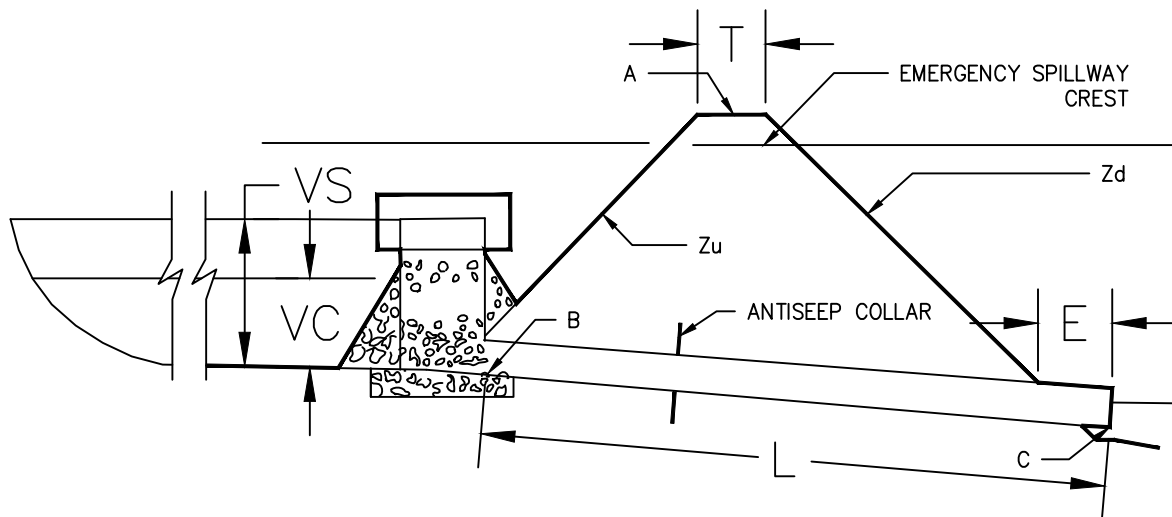


SPILLWAYS

PRINCIPLE SPILLWAY DESIGN



A = TOP OF DAM ELEVATION

B = LOWEST ELEVATION OF PIPE AT RISER

C = LOWEST ELEVATION OF PIPE AT OUTLET

E = EXTENDED LENGTH OF PIPE BEYOND TOE OF DAM

L = TOTAL LENGTH OF PIPE, FT.

$L = [A - (B + C) / 2] [ZU + ZD] + T + E$

T = TOP WIDTH OF DAM, FT.

Zu = UPSTREAM SIDE SLOPE

Zd = DOWNSTREAM SIDE SLOPE



CITY OF CORDELE, GEORGIA - STANDARD DETAIL

SPILLWAYS

DETAIL NO:

E-016

DATE: