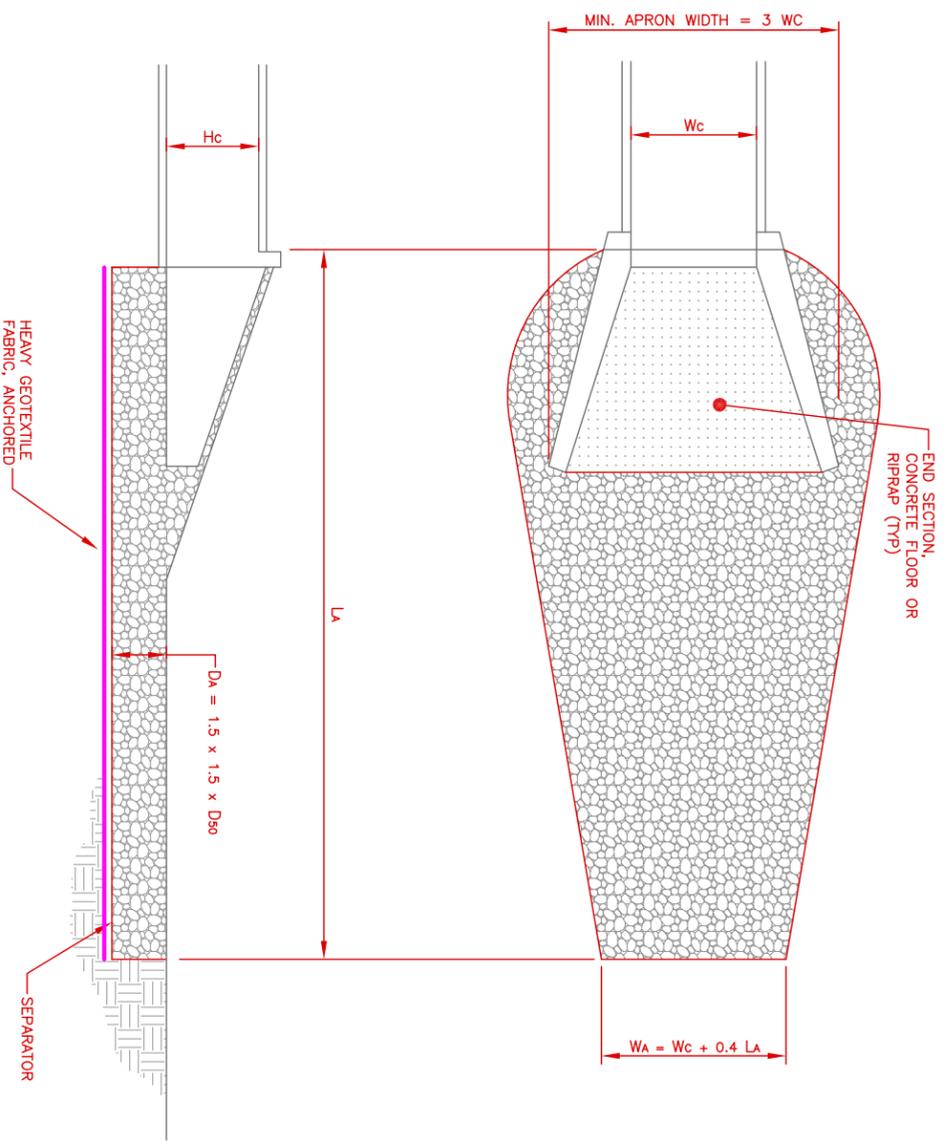


TAILWATER < 0.5 Hc AND ASSUMING FULL CULVERT FLOW (LOW TAILWATER CONDITIONS)



TAILWATER > 0.5 Hc AND ASSUMING FULL CULVERT FLOW (HIGH TAILWATER CONDITIONS)

- Hc = HEIGHT OF CULVERT
- Wc = WIDTH OF CULVERT
- LA = LENGTH OF RIP-RAP APRON
- WA = WIDTH OF RIP-RAP APRON AT END
- D50 = MEDIAN RIP-RAP SIZE
- Dmax = MAXIMUM SIZE OF RIP-RAP = 1.5 D50
- DA = DEPTH OF RIP-RAP APRON = 1.5 Dmax
- SEPARATOR = GEOTEXTILE UNDERLAMENT OR GRAVEL FILTER BLANKET

EROSION CONTROL PLAN LEGEND: OP

REV.	NO.	DATE	DESCRIPTION
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

NOT TO SCALE



OUTLET PROTECTION

7.23