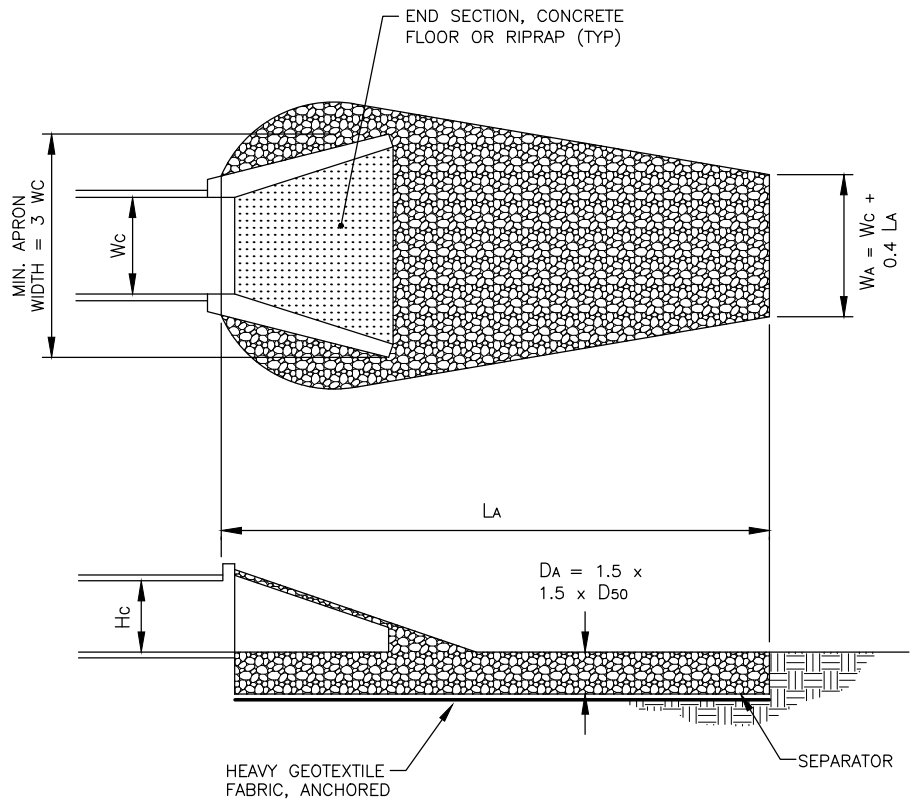


TAILWATER < 0.5 Hc AND ASSUMING FULL CULVERT FLOW (LOW TAILWATER CONDITIONS)



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 UNDERLAYMENT OR GRAVEL FILTER BLANKET

EROSION CONTROL PLAN LEGEND:  OP

REVISION		
ITEM NO.	DESCRIPTION OF CHANGE	APPROVAL DATE

TOWN OF COLLIERVILLE
OUTLET PROTECTION DETAIL

SCALE: NONE

TOC-607