

Type of pipe	Q ₁₀ or Q _{1.20} Class of flow (m ³ /s)						Required culvert diameter (mm)
	Type of intake*						
	Projection			Bevelled or straight			
Round	0	-	0.11	0	-	0.12	450
	0.12	-	0.14	0.13	-	0.16	500
	0.15	-	0.23	0.17	-	0.25	600
	0.24	-	0.33	0.26	-	0.37	700
	0.34	-	0.46	0.38	-	0.51	800
	0.47	-	0.64	0.52	-	0.70	900
	0.65	-	0.81	0.71	-	0.90	1,000
	0.82	-	1.28	0.91	-	1.41	1,200
	1.29	-	1.88	1.42	-	2.08	1,400
	1.89	-	2.24	2.09	-	2.47	1,500
	2.25	-	2.63	2.48	-	2.90	1,600
	2.64	-	3.53	2.91	-	3.90	1,800
	3.54	-	4.59	3.91	-	5.07	2,000
	4.60	-	5.83	5.08	-	6.44	2,200
	5.84	-	7.24	6.45	-	8.00	2,400
	7.25	-	9.72	8.01	-	10.74	2,700
	9.73	-	12.65	10.75	-	13.98	3,000
	12.66	-	16.05	13.99	-	17.74	3,300
16.06	-	19.95	17.75	-	22.05	3,600	

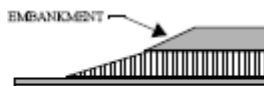
Structural plate	16.80 - 20.94	18.57 - 23.13	3,670
	20.95 - 25.80	23.14 - 28.51	3,990
	25.81 - 31.11	28.52 - 34.38	4,300
	31.12 - 37.02	34.39 - 40.92	4,610
	37.03 - 43.56	40.93 - 48.15	4,920
	43.57 - 50.75	48.16 - 56.09	5,230
	50.76 - 58.60	56.10 - 64.78	5,540
	58.61 - 67.15	64.79 - 74.25	5,850
	67.16 - 76.40	74.26 - 84.45	6,160
	76.41 - 86.40	84.46 - 95.50	6,470
	86.41 - 96.03	95.51 - 107.33	6,780

* TYPE OF INTAKE

STRAIGHT WALL



BEVELLED INTAKE



PROJECTING INTAKE

