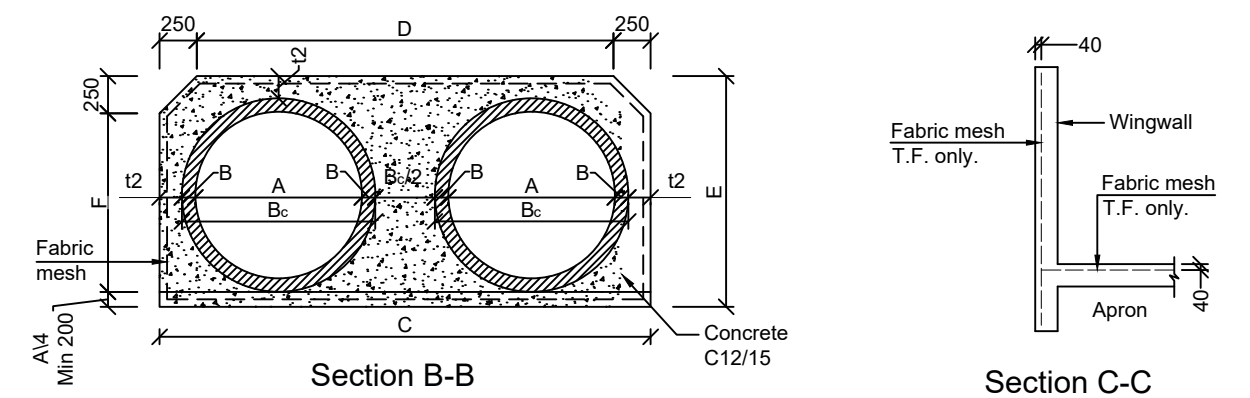


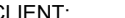
- Guardrail, where shown on the plan / Layout Plan drawings
9. Concrete pipe shall be of strength class min 120.
- 
- Front Elevation



Culvert Diameter (m)	A (m)	B (m)	C (m)	D (m)	E (m)	F (m)	G (m)	H (m)	J (m)	K (m)	L (m)	M (m)	N (m)	P (m)	t1 (m)	t2 (m)	t3 (m)	t4 (m)	H <sub>C</sub> (m)
1x0.60mØ	0.60	0.05	2.05	1.55	1.05	0.60	2.25	0.90	1.75	1.01	4.38	2.02	2.11	2.42	0.15	0.15	0.13	0.09	0.3-0.9
1x0.90mØ	0.90	0.09	3.00	2.50	1.45	0.98	3.12	1.28	2.43	1.40	5.85	2.81	2.89	3.29	0.15	0.15	0.13	0.09	0.3-0.9
1x1.20mØ	1.20	0.10	3.90	3.40	1.90	1.35	3.90	1.60	3.00	1.73	7.71	3.46	3.58	4.13	0.20	0.20	0.17	0.12	0.3-0.9

Culvert Diameter (m)	Concrete C20/25 inlet & outlet	Concrete C12/15 surround & bed per running m
1x0.60mØ	3.248m³	1.876m³
1x0.90mØ	5.662m³	3.725m³
1x1.20mØ	11.282m³	6.389m³

Culvert Diameter (m)	ΔC (m)	ΔD (m)	ΔG (m)	ΔL (m)	ΔP (m)	Additional concrete C20/25 inlet & outlet	Additional concrete C12/15 surround & bed per running m
1x0.60mØ	1.05	1.05	1.05	1.05	1.05	0.754m³	0.789m³
1x0.90mØ	1.62	1.62	1.62	1.62	1.62	1.526m³	1.585m³
1x1.20mØ	2.10	2.10	2.10	2.10	2.10	3.188m³	2.696m³

NO.	AMENDMENTS	DATE	CLIENT:			STANDARD DRAINAGE DRAWINGS	Standard Double pipe culvert with concrete surround			
			 <div>REPUBLIC OF KENYA MINISTRY OF ROADS AND TRANSPORT P.O. BOX 30260-00100 NAIROBI</div>				DRAWING NO.: WSCM/22/1/03			
								Date: Nov. 2023	Scale: N.T.S.	Sheet No.: 1/1