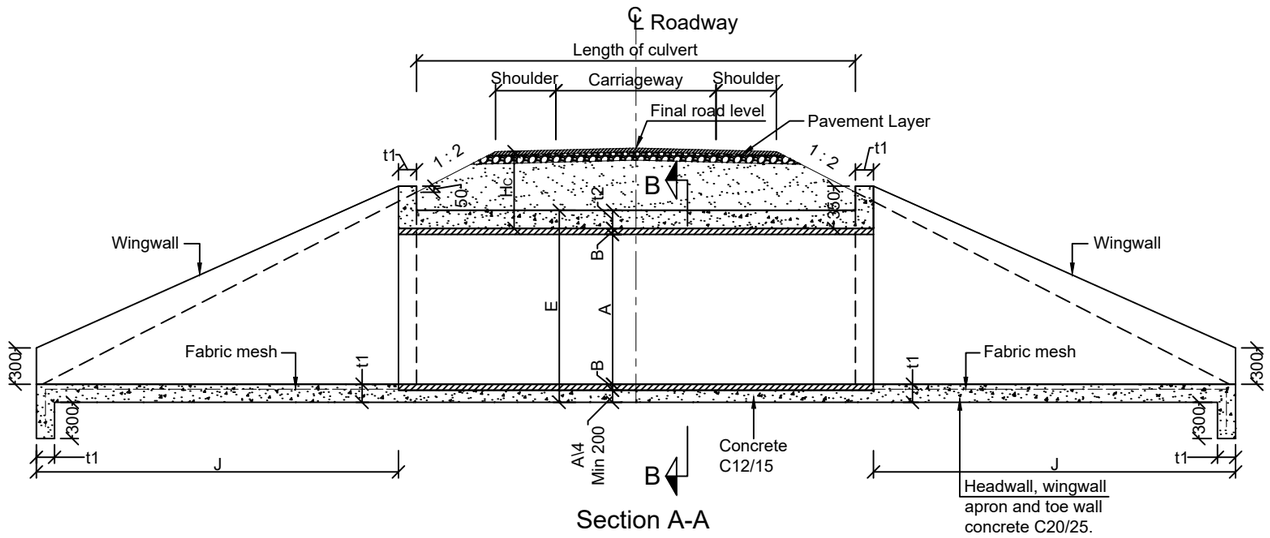
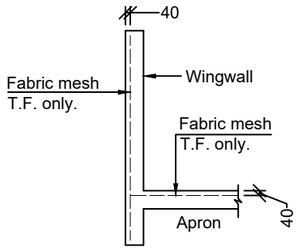


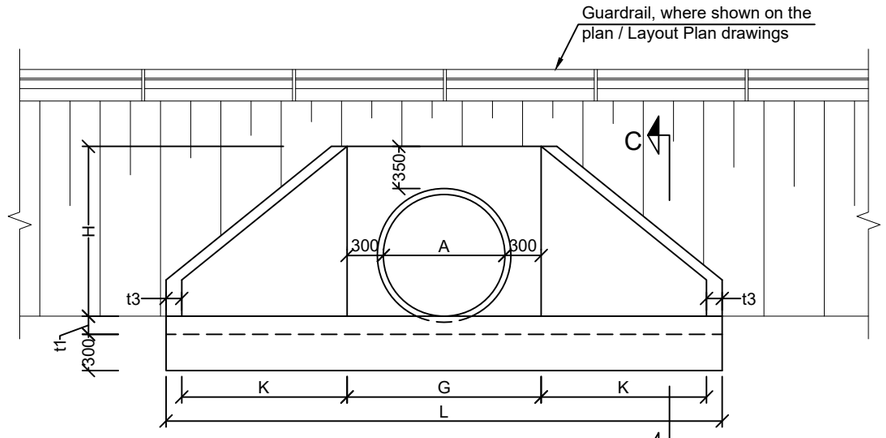
Section A-A



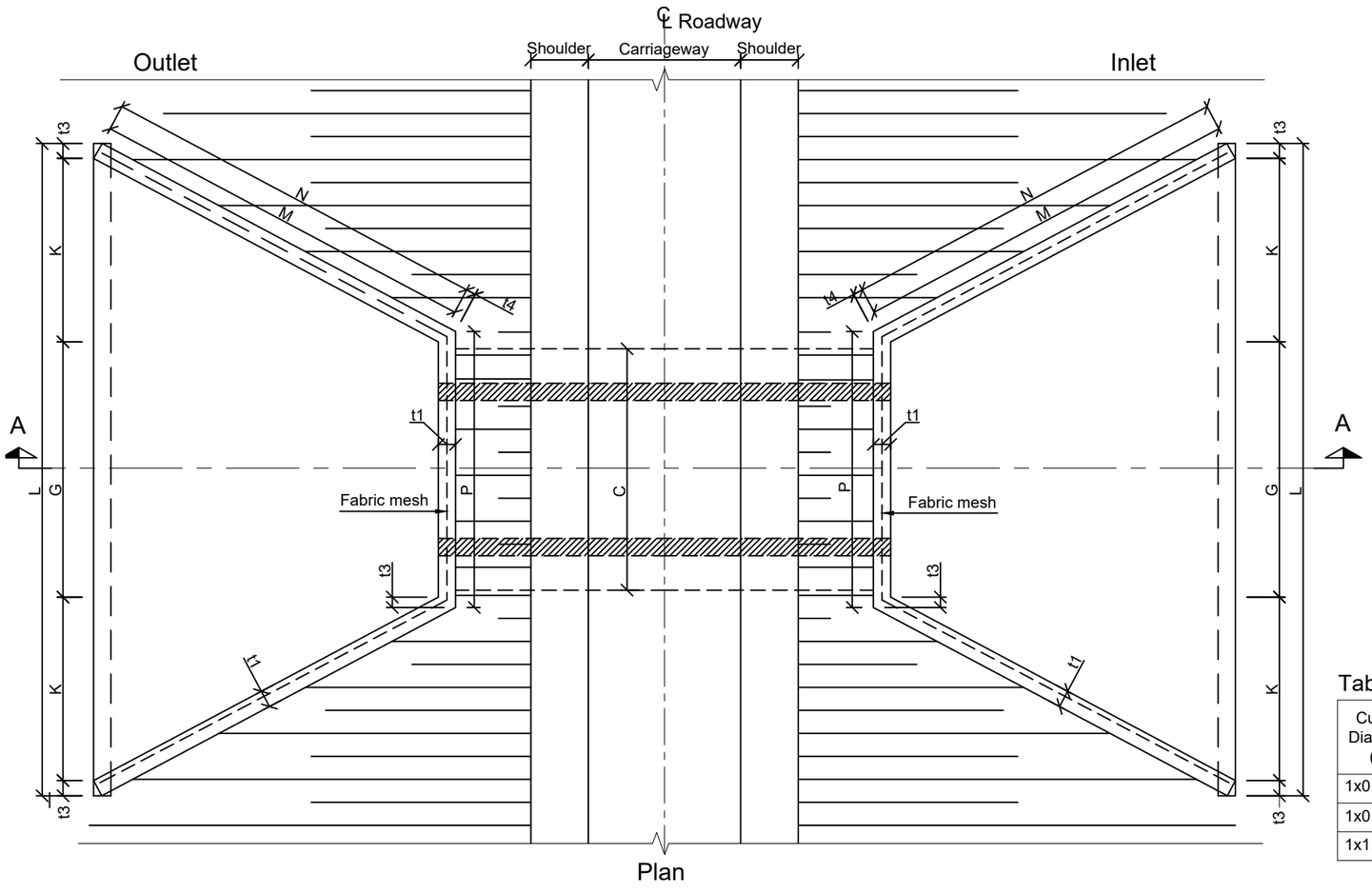
Section C-C

NOTES:-

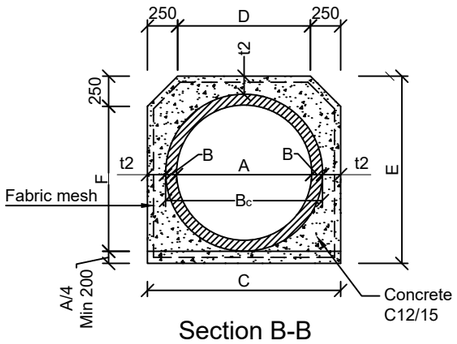
1. All dimensions are in millimeters unless otherwise specified.
2. Level and slope of the pipe shall be as instructed by the Engineer on site.
3. Concrete for headwall, apron, toe wall to be C20/25.
4. Concrete for blinding and surround to be C12/15.
5. A252 Fabric mesh reinforcement to B.S. 4483 to be placed as shown.
6. Cover to Fabric mesh to be 40mm.
7. Concrete pipe shall be of strength class min 120.



Front Elevation



Plan



Section B-B

Quantity

Culvert Diameter (m)	Concrete C20/25 inlet and outlet	Concrete C12/15 surrounding & beam per running metre
1x0.60mØ	2.468m^3	0.663m^3
1x0.90mØ	4.096m^3	1.132m^3
1x1.20mØ	8.002m^3	2.000m^3

Table

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_C (m)
1x0.60mØ	0.60	0.05	1.00	0.50	1.05	0.60	1.20	1.00	1.75	1.01	3.48	2.02	2.11	1.37	0.15	0.15	0.13	0.09	0.3-0.9
1x0.90mØ	0.90	0.09	1.38	0.88	1.46	0.98	1.50	1.34	2.43	1.40	4.57	2.81	2.89	1.67	0.15	0.15	0.13	0.09	0.3-0.9
1x1.20mØ	1.20	0.10	1.80	1.30	1.90	1.35	1.80	1.65	3.00	1.73	5.61	3.46	3.58	2.03	0.20	0.20	0.17	0.12	0.3-0.9

NO.	AMENDMENTS	DATE

CLIENT:

REPUBLIC OF KENYA
MINISTRY OF ROADS AND TRANSPORT
P.O. BOX 30260-00100
NAIROBI

STANDARD DRAINAGE DRAWINGS

Standard single pipe culvert with concrete surround

DRAWING NO.: WSCM/22/1/01

Date: Nov. 2023 | Scale: N.T.S. | Sheet No.: 1/1