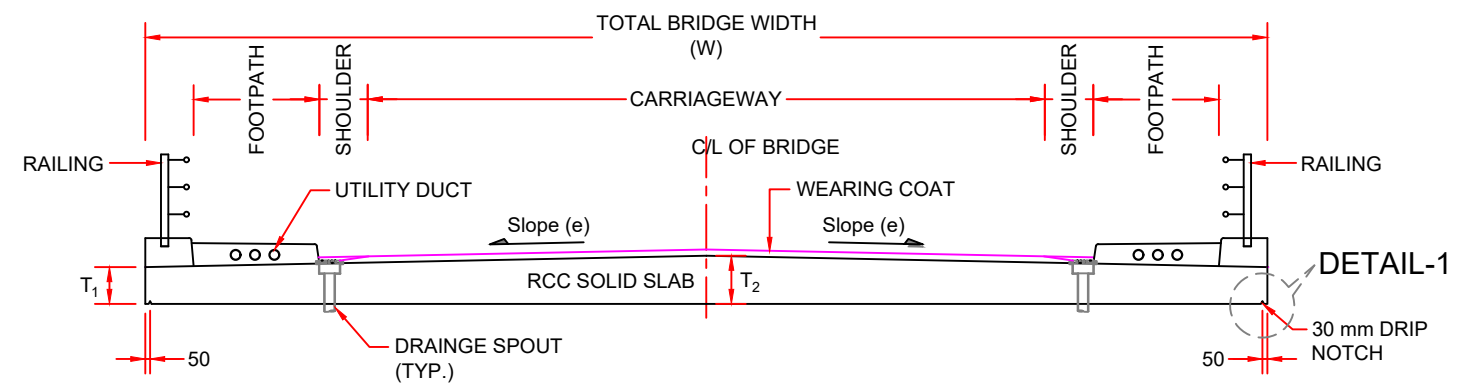


DETAIL -1

- NOTES:**
1. DIMENSIONS: ALL DIMENSIONS ARE IN MILLIMETERS.
 2. MATERIALS: CONCRETE GRADE - C32/40
REINFORCED RIBBED BARS - SPECIFIED
CHARACTERISTIC VALUE OF MINIMUM
YIELD STRENGTH $\geq 500 \text{ N/MM}^2$
 3. COVER TO REINFORCEMENT 60mm.

NOTE :- RAILING-FOOTPATH, & APPROACH SLAB REFER TO STANDARD DRAWING.



TYPICAL CROSS SECTION A-A

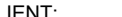
$$T_2 = T_1 + \frac{W}{2} \times e$$

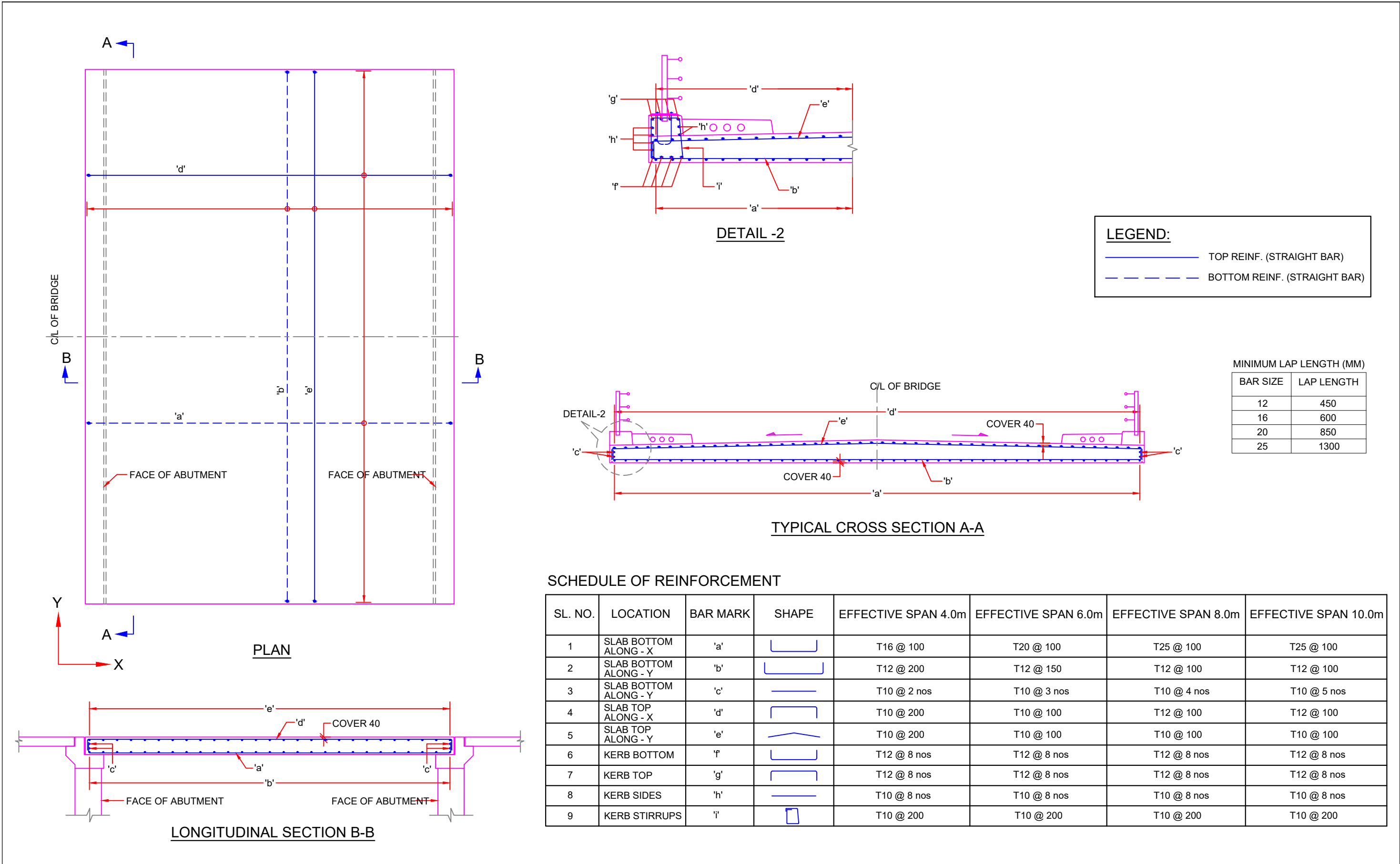
DIMENSION SCHEDULE

S.NO.	EFFECTIVE SPAN (m)	TOTAL SPAN LENGTH (m)	MINIMUM SLAB THICKNESS T_1 (m)	CARRIAGEWAY SINGLE LANE (m) *	CARRIAGEWAY TWO LANE (m)	SHOULDER (m) **	FOOTPATH (m)	RAILING (m)
1.	4.0	4.600	0.375	3.50	7.00	-	1.80	0.50
2.	6.0	6.700	0.475	3.50	7.00	-	1.80	0.50
3.	8.0	8.700	0.625	3.50	7.00	-	1.80	0.50
4.	10.0	10.800	0.775	3.50	7.00	-	1.80	0.50

- * A minimum clear width of 5.5m is desirable for single lane bridge.

** The shoulder width will depend upon the approach road configuration.

NO.	AMENDMENTS	DATE	CLIENT:			STANDARD BRIDGE DRAWINGS	BRIDGE DECK DIMENSION DETAILS OF SMALL SPAN RCC SLAB BRIDGE WITH EFFECTIVE SPAN 4.0M,6.0M,8.0M & 10.0M			
			 REPUBLIC OF KENYA MINISTRY OF ROADS AND TRANSPORT P.O. BOX 30260-00100 NAIROBI				DRAWING NO.: RDM/4/2/1/03			
								Date: Jan. 2024	Scale: N.T.S.	Sheet No.: 1/2



MINIMUM LAP LENGTH (MM)

BAR SIZE	LAP LENGTH
12	450
16	600
20	850
25	1300