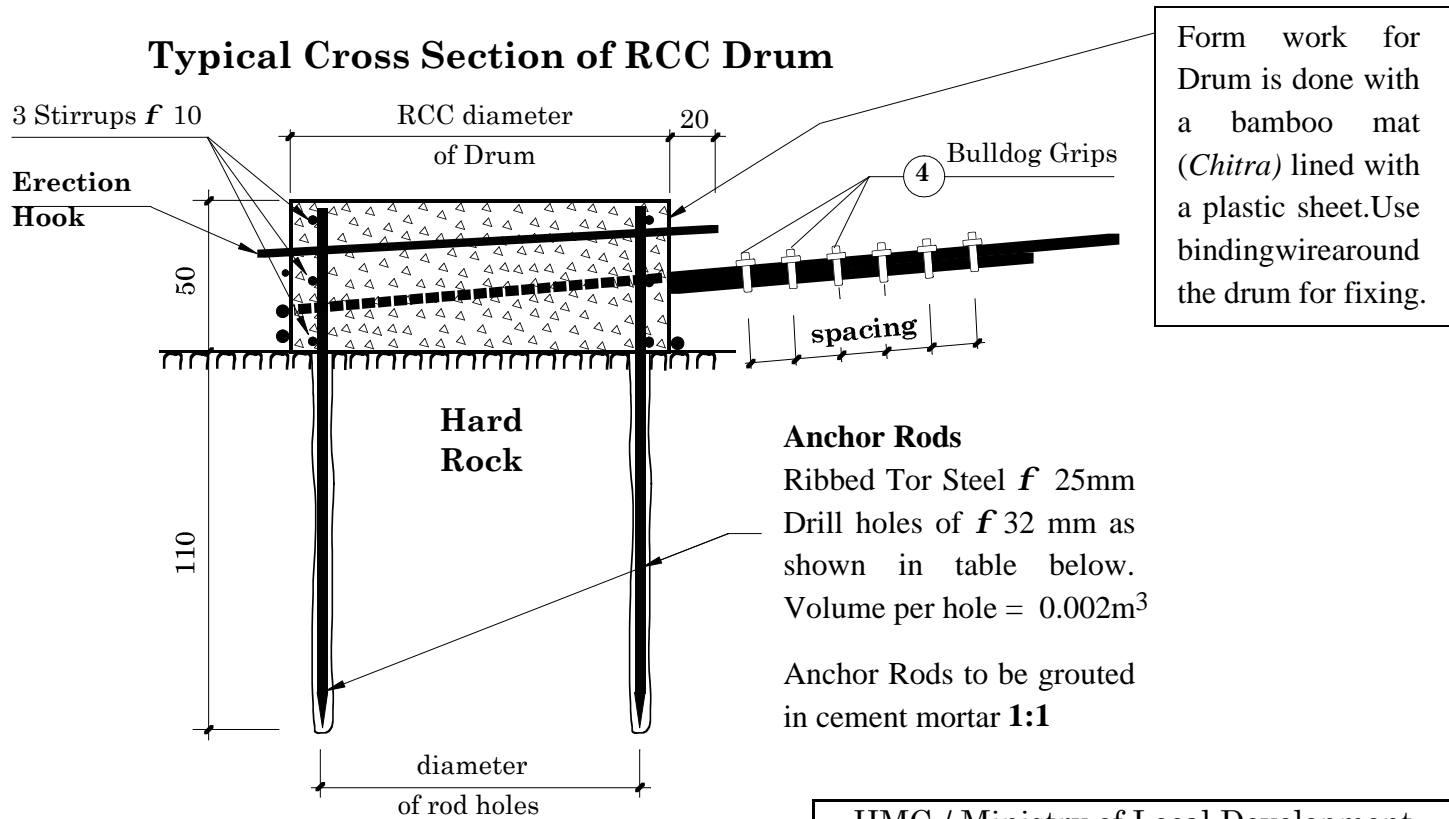


Dimension of Drums and Quantity of Anchor Rods :

Cable f mm	arrangement of anchor rods	required diameter of:		Total Volume of Drum [m ³]	Required Anchor Rods f 25 mm [nos]	Stirrups f 10 mm			
		RCC Drum [cm]	circle of rod holes [cm]			nos	cutting length [mm]	bending dia [mm]	weight kg/pc [kg]
Cable f 26		65	50	0.40*	8*	6*	2270	530	1.40
OR				*for 2 Drums					
Cable f 32		75	60	0.50*	12*	6*	2580	630	1.59

Part No	Section [mm]	Quantity [nos]	Working Drawing	Weight	
				Kg/pc	total Kg
1	Ri-Bar f 25 l = 1500	.....	Anchor Rod	5.78	.....R
2	Ri - Bar f 10 l =	6	Stirrup for Cable Drum	.....	.....R
3	Plain Rod f 20 l = 3200	2	Erection Hook	7.90	15.80R
4	Bulldog Grip f .....	.....	Bulldog Grip for Cable ϕ 26 or 32 mm MS forged, according to ISI standard, hot dip galvanized	.....	.....D
A = kg. Total Transportation Weight, D+R			D = kg. Bulldog Grips		R = kg. Reinforcement Steel



Standard Quantities

Type of construction	[m ³]
Hammer dressed Stone Masonry 1:4	2.64
Concrete 1:2:4 (Volume of Drums)	-----
Concrete 1:3:6	0.26
Broken Stones	1.52

HMG / Ministry of Local Development DoLIDAR / Short Span Trail Bridge Standard		
Bridge Name:		
No:	Bank:	Span:
Steel & Construction Drawing :		
Main Cable Drum Anchor for Suspension Bridges, 2 Main Cables f 26 or 32 mm for Hard Rock Direct Cable Connection, c/c ₁ = 2.50 m Anchor Type DR 1		
Date : July 15, 2002		Drawing No. 47Ncon