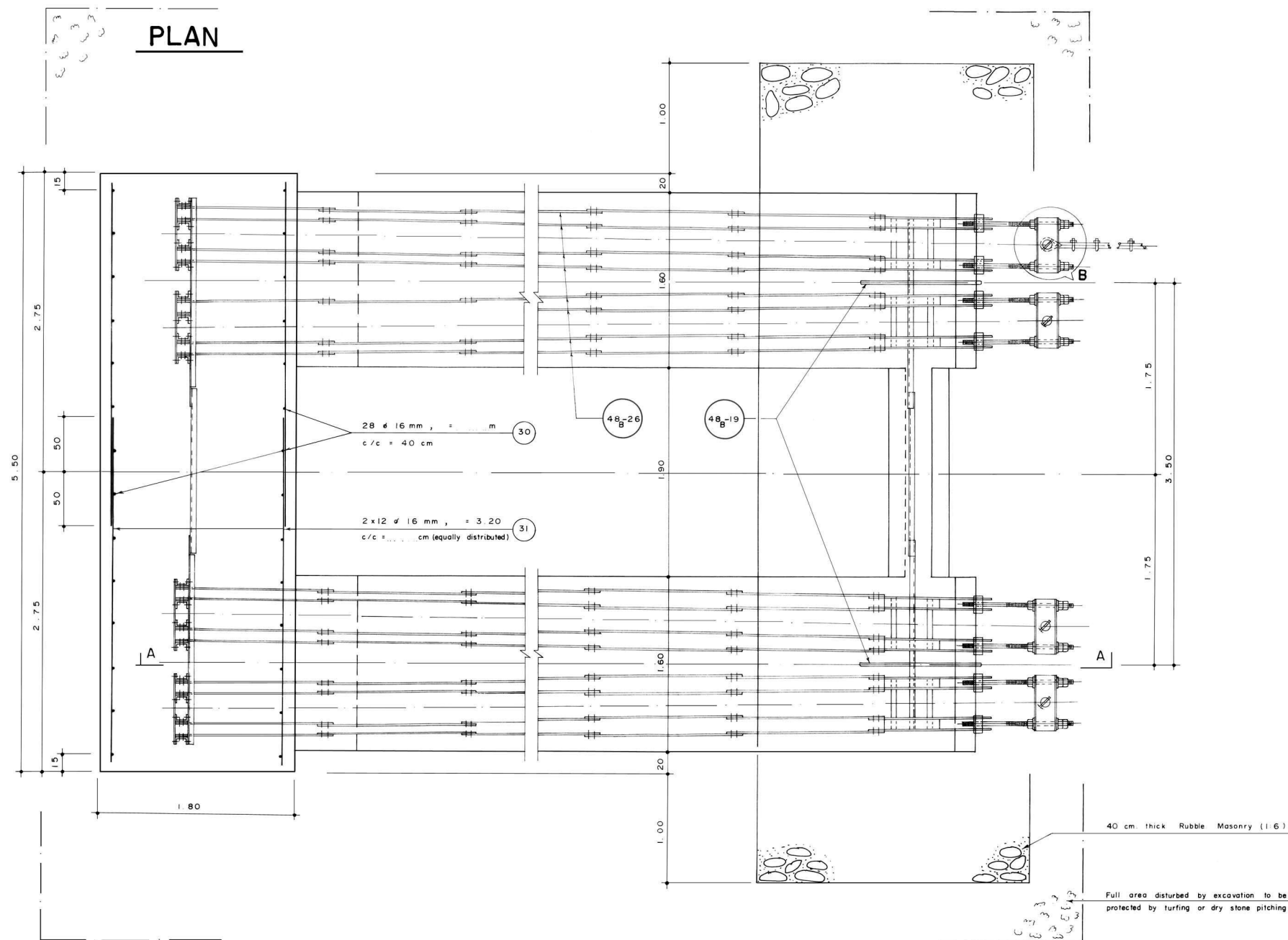


PLAN



Standard Quantities :

B = ... m. h ₁ = ... m.	$\beta = \dots^\circ$ h ₂ = ... m.	Vo Quantity (m ³)	Cement	
			Bags/m ³	No. of bags
Cement plaster 1:4, 2 cm thick		0.20	9.12	1.82
Plain mass concrete 1:3:6 $V_o = 9.90 (h_1 + 0.50) + (B - 1.26) \frac{1.44}{\cos \beta} + \frac{0.10}{\tan \beta} + 0.342$			4.40	
Plumb concrete 1:3:6 + 40% boulders $V_o = 9.90 (h_2 - h_1 - 0.52)$			2.64	
Rubble Masonry (1:6)		7.50	1.50	11.25
TOTAL VOLUME $V_{total} = 9.90 h + (B - 1.26) \frac{1.44}{\cos \beta} + \frac{0.10}{\tan \beta} + 0.144$				
		No. of cement bags		

Formwork	Fo Quantity (m ²)
Fo = 14.60 (h ₂ - h ₁ + 0.23 - 2.00 (B - 1.26) + 2.47	

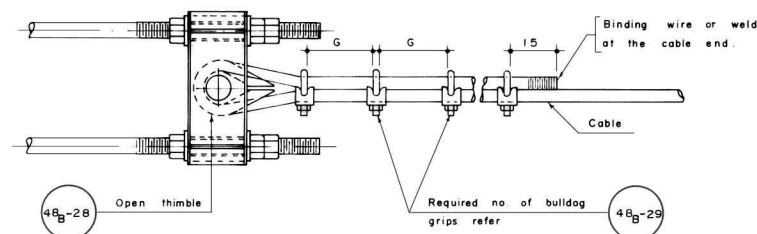
NOTES:

- 1) For temporary tower stay refer to drawing number 52 for back stay and to drawing number 52 and 52/1 or 52/2 for front stay
- 2) Omit part no. 48-8

Additional Reinforcement Steel (Ribbed Torsteel)

Part no	Section (mm)	Quantity	Working Drawing	Length		Weight	
				Single/pc (mm)	Total (m)	kg/pc	Total (kg)
30	Rad # 16 $L = \dots$	28					
31	Rad # 16 $L = 3200$	24		3200	76.80	5.06	121.44

DETAIL AT "B"



Cable # mm	Bulldog grips for one cable	Gap "G" (mm)
36	7	210
40	8	240

MoLD / DoLIDAR / Trail Bridge Section Long Span Trail Bridge Standard

Bridge No: Name:

Span:

Structural Drawing:

Main Cable Deadman Foundation

4 Main cables ϕ ... mm (36 / 40 mm)

Centre to centre distance c/c₁ = 3.50 m.

Date: August 2004

Drawing No. 48B/2