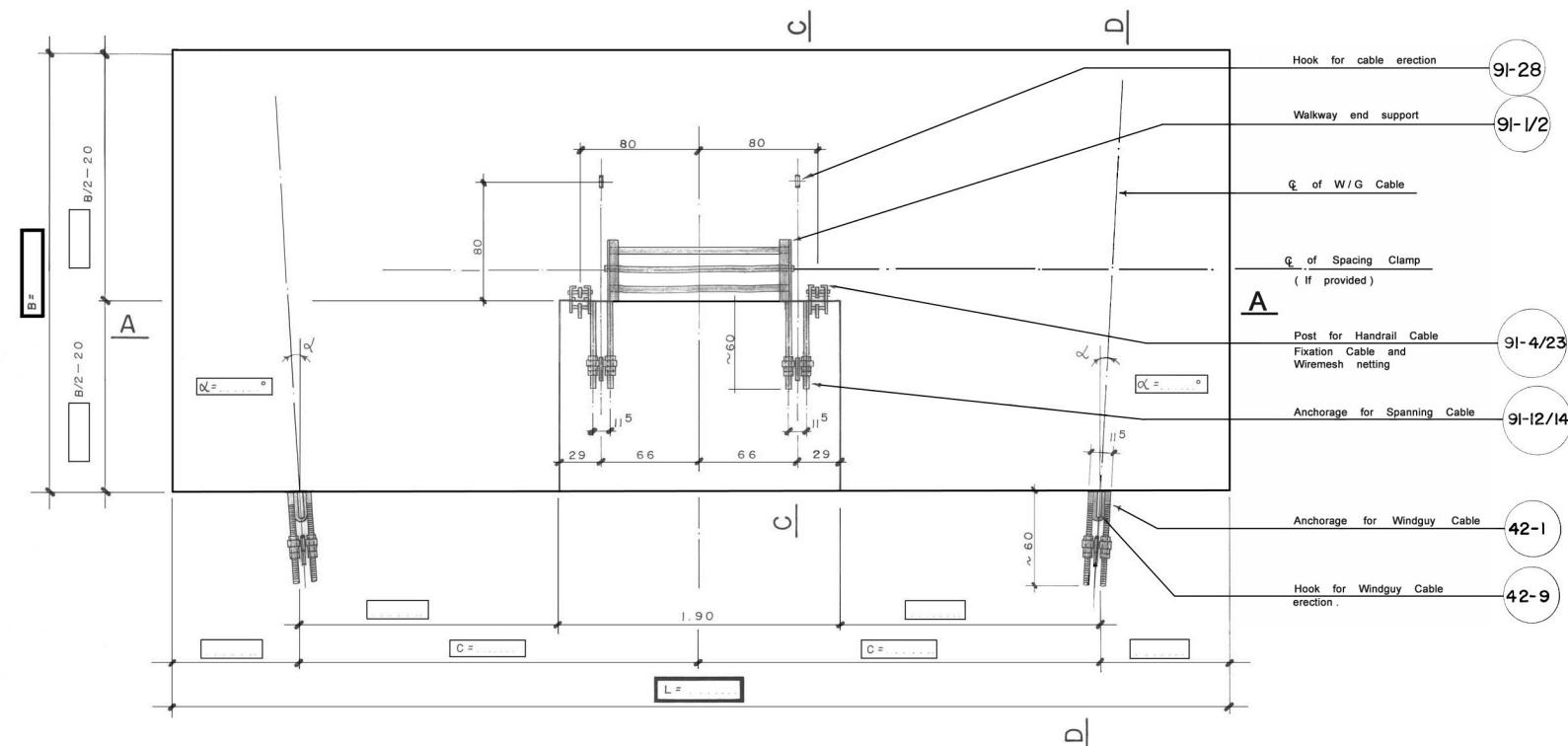
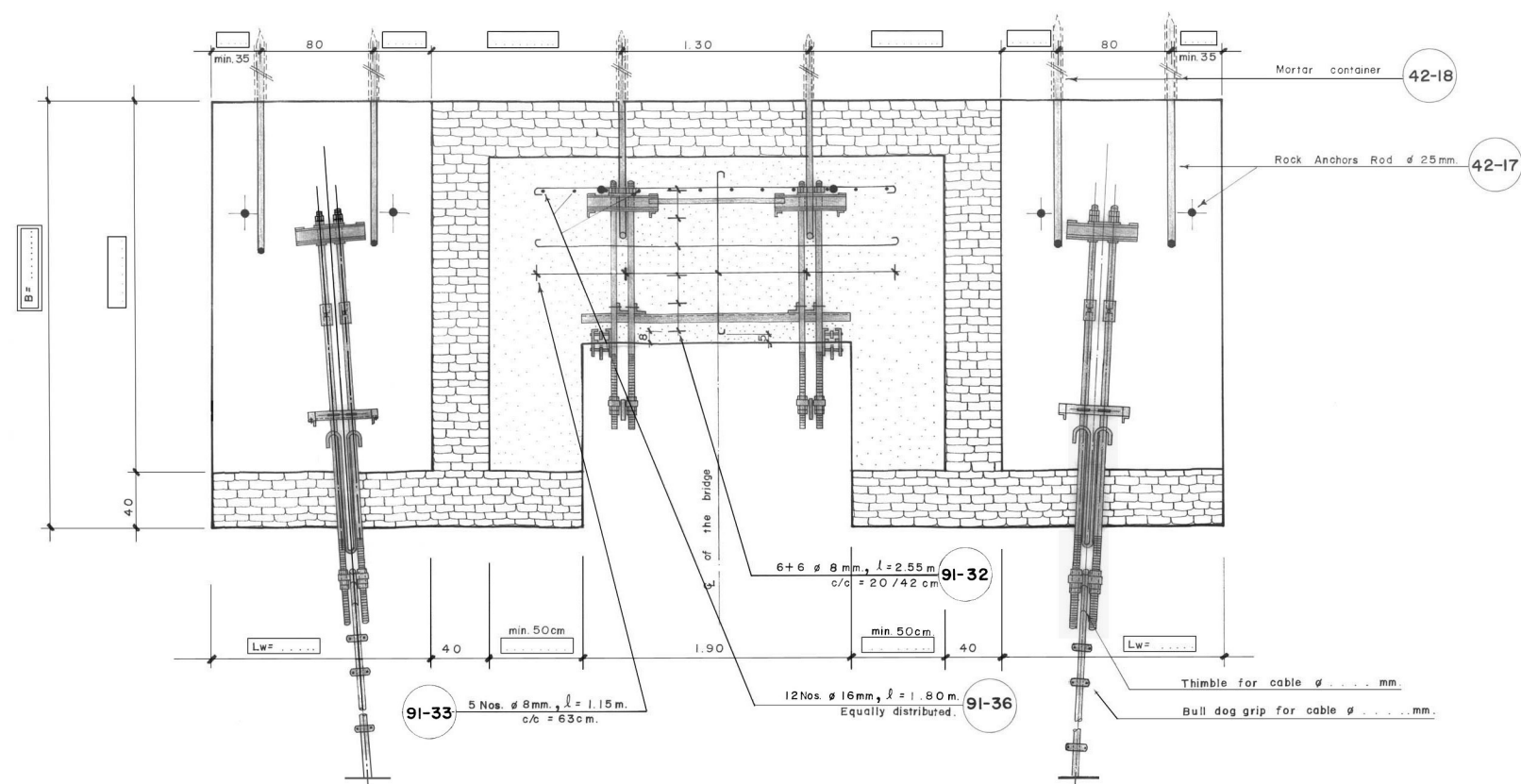


PLAN



SECTION B-B



Standard Quantities:

$L = \dots$ m, $B = \dots$ m, $L_w = \dots$ m $H_1 = \dots$ m.
 $H_2 = \dots$ m.

	Total Quantity (m ³)	Cement/Bags Per/ m ³	Total
Plain lean concrete 1:4:8 $V_o = 0.10 \times L \times \sqrt{H_1 - H_2}^2 + B^2$		3.40	
Plumb concrete 1:3:6 + 40% boulders $V_o =$		2.60	
Reinforced concrete 1:2:4 (vibrated) $V_o = (L - 2L_w - 0.8)(B - 0.8) 0.6 - 0.57B - 0.684$		6.40	
Rubble masonry (1:4) $V_o = 0.4(LH_2 + 0.6L + 1.2B - 1.2L_w) - 0.84$		2.28	
Cement Plaster 1:4 $V_o = 2(B \times L_w) \times 0.02$		9.12	
TOTAL VOLUME $V_{total} = B \times L \left(\frac{H_1 + H_2}{2} - 1.14 \left(\frac{B}{2} - 0.20 \right) + 0.04BL_w \right)$			
No. of cement bags			

Quantity (m ²)
Formwork: $F_o = 0.60B + 0.90$

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

Bridge No: Name:

Span:

STRUCTURAL DRAWING:

WALKWAY & WINDGUY CABLE ANCHORAGE

Spanning Cable ϕ 32 mm.
Windguy Cable ϕ 32 mm.

Date: August 2004

Drawing No. 91/4