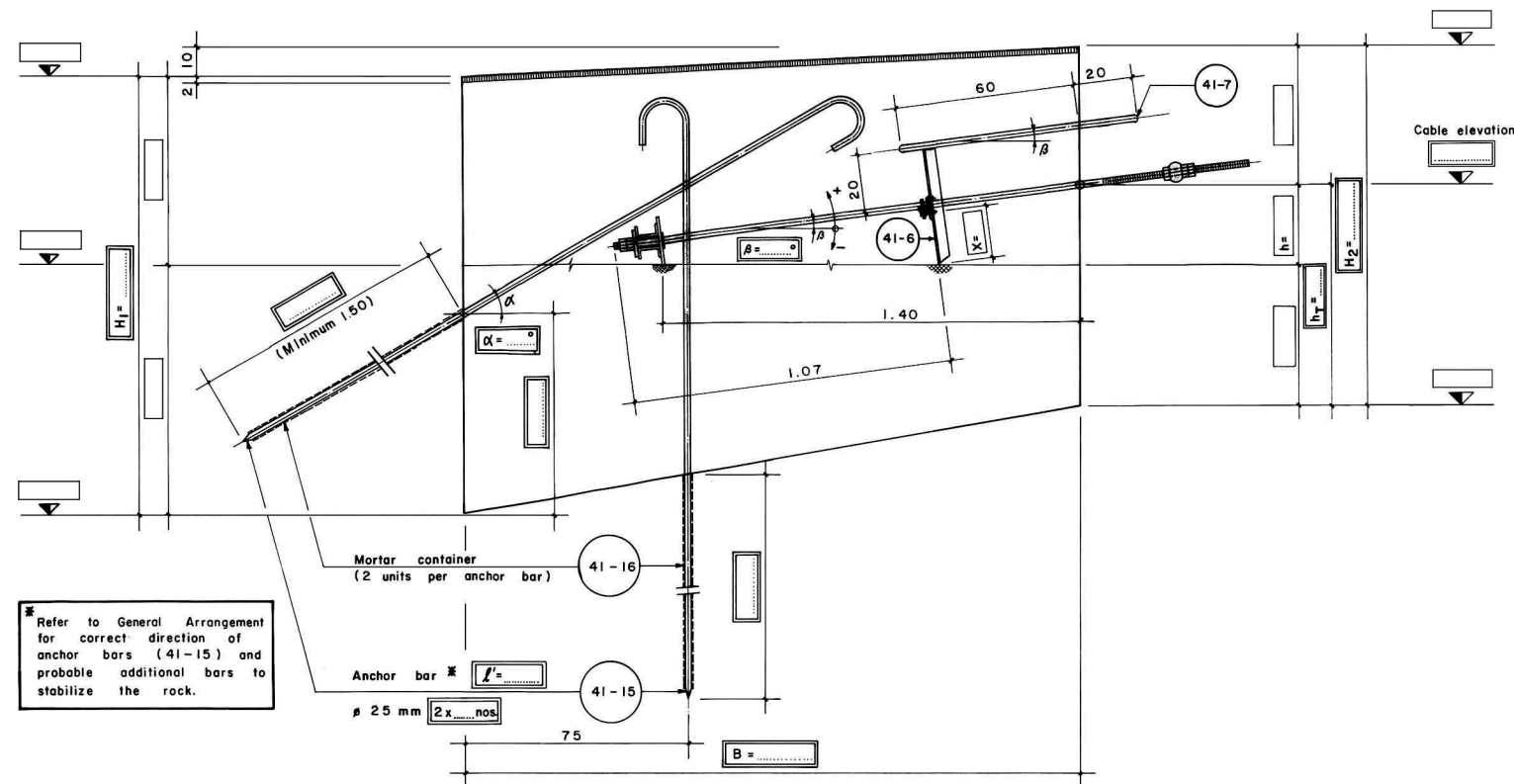
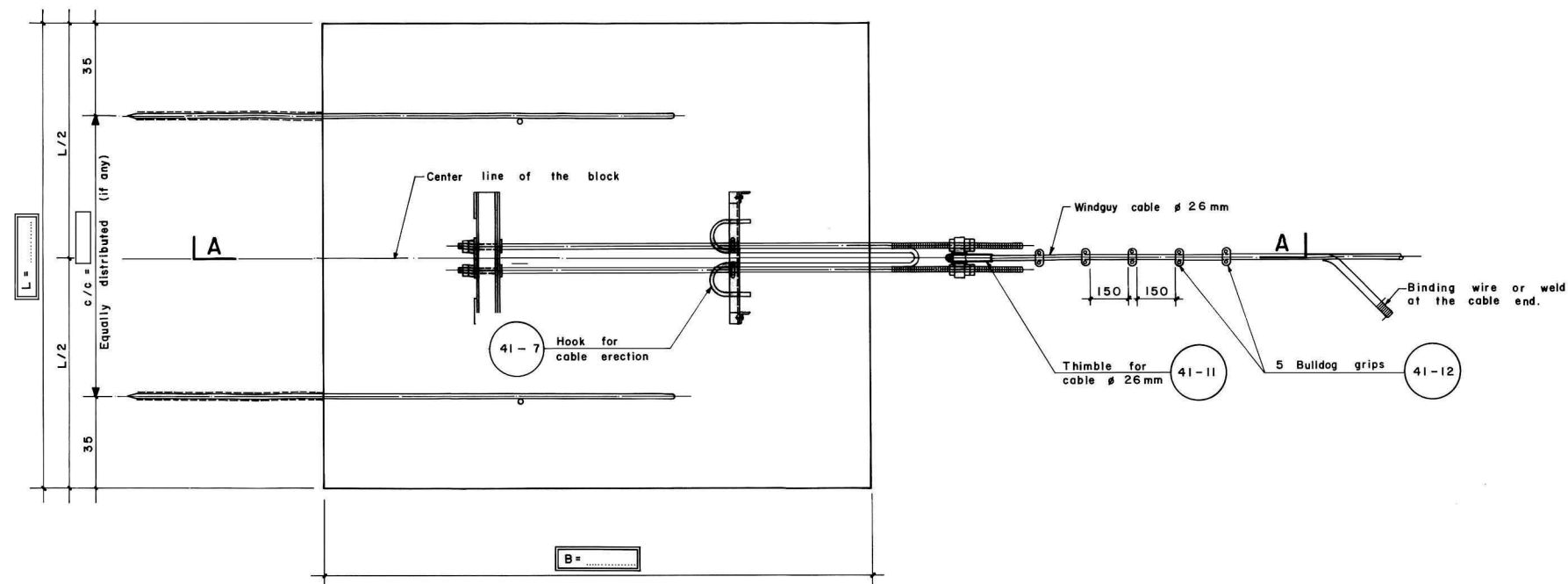


SECTION A-A



PLAN



Standard Quantities :

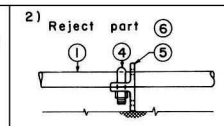
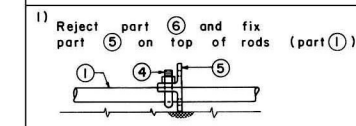
B = m.	L = m.	Vo	Cement
H1 = m.	H2 = m.	Quantity (m ³)	Bags/m ³ No. of bags
Cement plaster 1:4, 2 cm thick		Vo = 0.02 BL	9.12
Plumb concrete 1:3:6 + 40% boulders		Vo = $\frac{BL}{2} (H_1 + H_2 - 0.04)$	2.64
TOTAL VOLUME :-			
Vtotal = $\frac{BL}{2} (H_1 + H_2)$			
No. of cement bags			

Formwork	Fo
Fo = H2 x L	Quantity (m ²)

Determination of X and h:

β (°)	-3	-1.5	0	1.5	3	4.5	6	7.5	9	10.5	12
X (mm)	-91	162	42	66	90	114	138	162	186	210	234
h (cm)	0	4	8	12	15	19	23	26	30	34	37

For intermediate values of β select the data for the next bigger value.



Limits for Dimensions :

	Minimum	Maximum
B	1.7	2.40
L	1.20	3.00
h _T	$\beta \leq 4.5^\circ$ 0.40	$\beta > 4.5^\circ$ 2.00
H ₁ , H ₂	h _T + 0.40	Open

INDEX :

- Cement plaster 1:4, 2 cm thick
- Plumb concrete 1:3:6 + 40% boulders
- Make proper supports on correct level with cement mortar 1:4
- Data to be taken from General Arrangement
- Part number
- Working drawing number

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

Bridge No: Name:

Span:

Structural Drawing :

Windguy Cable Foundation

On Rock

1 Cable ϕ 26 mm

Date: August 2004

Drawing No. 41/2