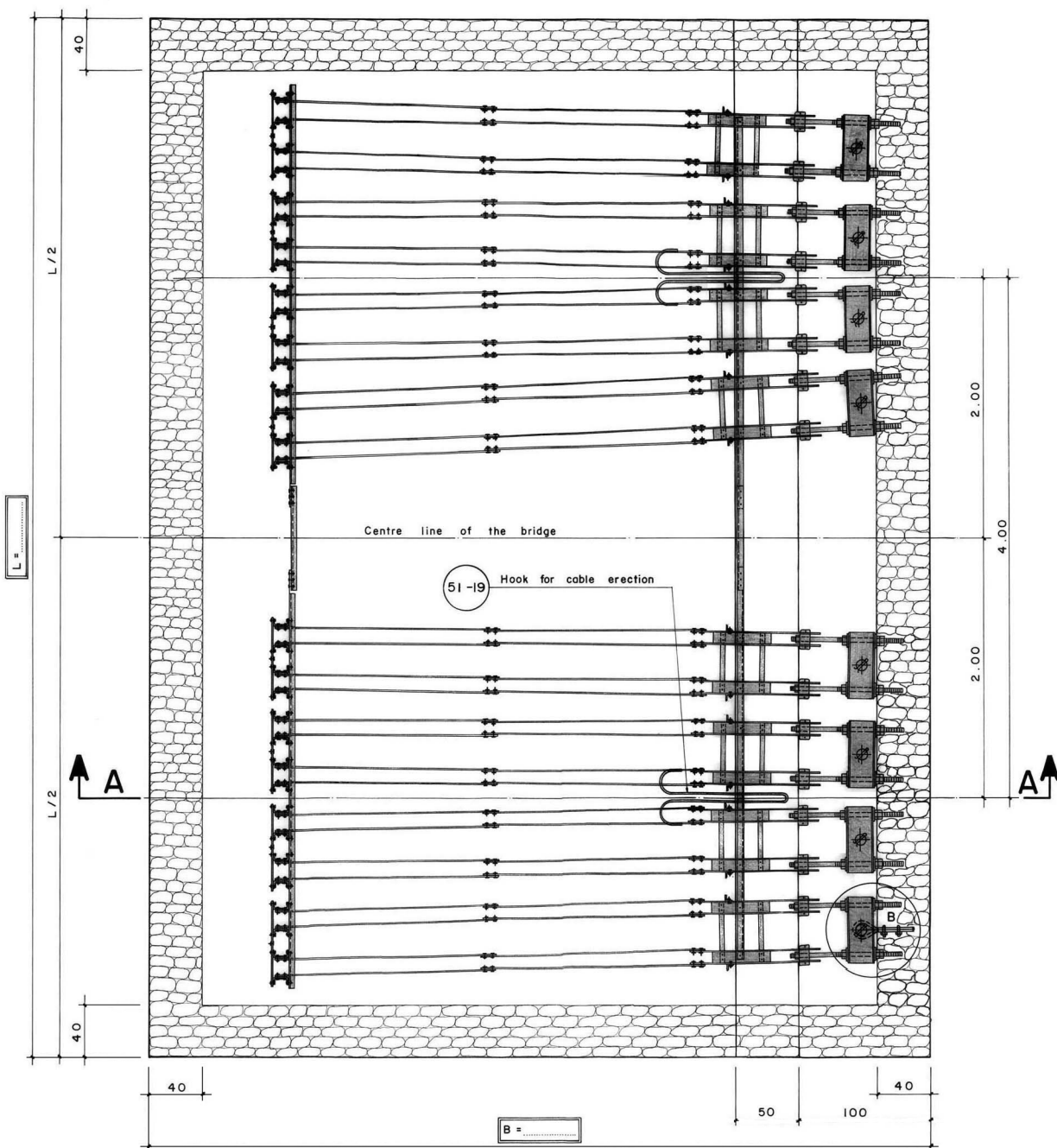
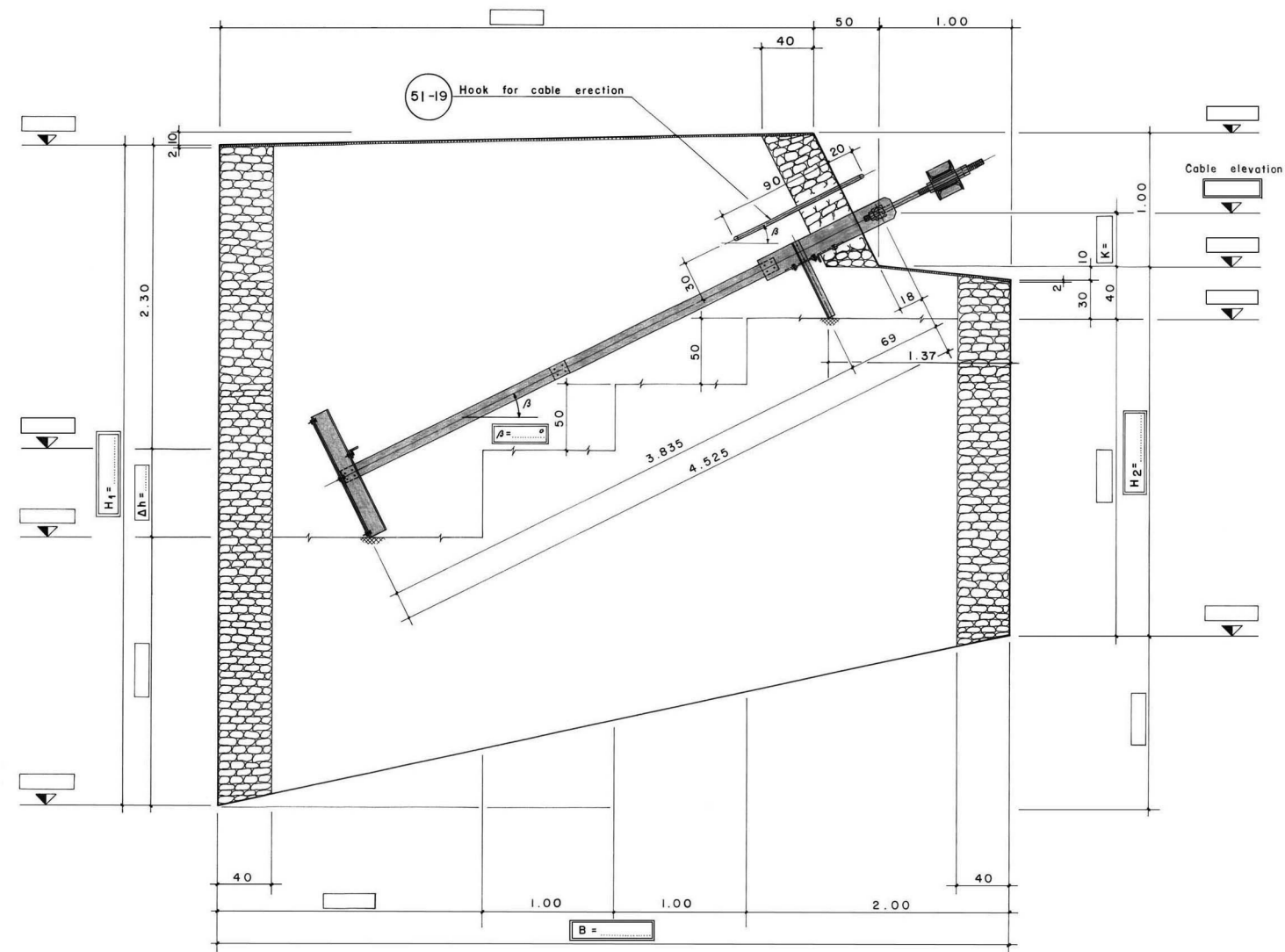


PLAN



SECTION A-A



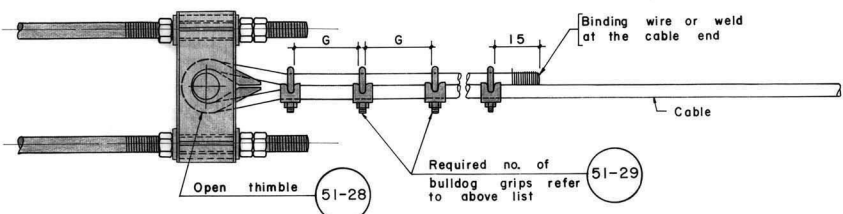
Cable φ mm	Bulldog grips for one cable	Gap "c" mm
36	7	210
40	8	240

$K = 40 \text{ cm} + 0.65 \text{ cm} (\beta - 26.565^\circ) = \text{cm}$

$\Delta h = 67 \text{ cm} + 6.03 \text{ cm} (\beta - 26.565^\circ) = \text{cm}$

$20^\circ \leq \beta \leq 30^\circ$

DETAIL AT "B"



Formwork	Formwork
$F_o = (1.00 + \Delta h)(L - 0.80)$	F_o Quantity (m ²)

Limits for Dimensions:

	Minimum	Maximum
B	5.90	6.50
L	7.90	9.90
H ₁	3.70	6.50
H ₂	1.60	5.50

Standard Quantities:

	B =	L =	H ₁ =	H ₂ =	Vo Quantity (m ³)	Cement Bags/m ³	No. of bags
Cement plaster 1:4, 2 cm thick						9.12	
Rubble masonry 1:4						2.28	
Plumb concrete 1:3:6 + 40% boulders						2.64	
TOTAL VOLUME :-							
$V_{\text{total}} = L [H_1 + H_2 + 1.00] \frac{B}{2} - 1.225$							

INDEX

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

NOTES:

- Refer to General Arrangement for number and direction of probable anchorage rods (part 52-21,27) to stabilize the rock.
- For temporary tower stay use separate anchorage blocks on both sides and tower stay chains at two levels of the tower. Refer to drawing number 52 and 52/3.

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

Bridge No: Name:

Span:

Structural drawing:

Main Cable Foundation

8 Main cables φ (36 / 40mm)

Centre to centre distance: c/c₁ = 4.00m

Date: August 2004

Drawing No. 51/1