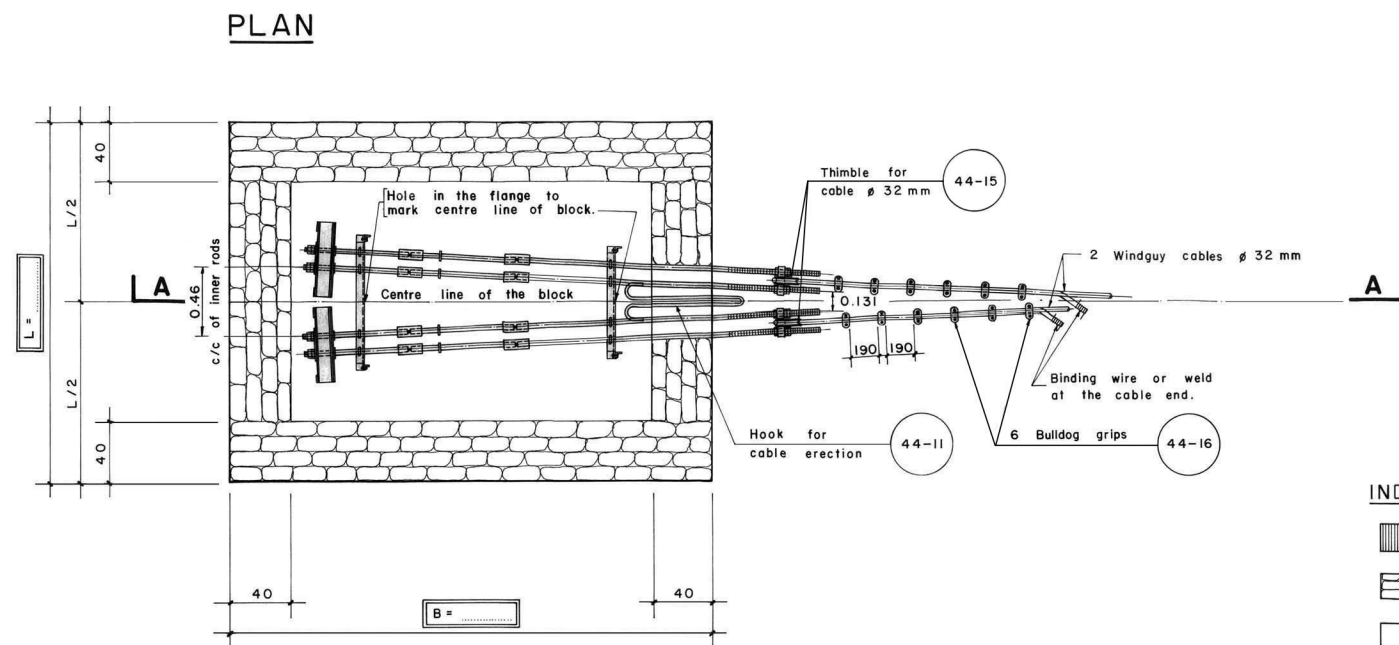
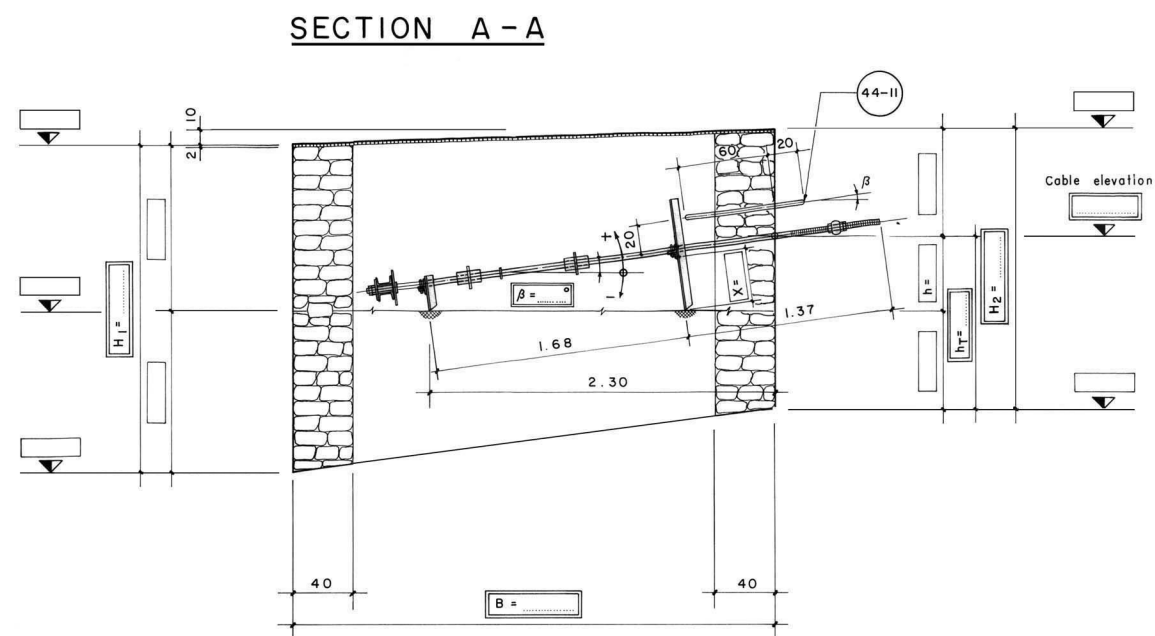


Standard Anchorage Length



- INDEX:
- Cement plaster 1:4, 2 cm thick
 - Rubble masonry 1:4
 - 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

Standard Quantities :

B =m.	L =m.	Vo Quantity (m ³)	Cement	
H ₁ =m.	H ₂ =m.		Bags/ m ³	No. of bags
Cement plaster 1:4 , 2 cm thick Vo = 0.02 BL			9.12	
Rubble masonry 1:4 Vo = 0.4 B (H ₁ + H ₂ - 0.04) + (0.4 H ₁ + 0.4 H ₂ - 0.016) (L - 0.80)			2.28	
Plumb concrete 1:3:6 + 40 % boulders Vo = $\frac{1}{2}$ (L - 0.80) (B - 0.80) (H ₁ + H ₂ - 0.04)			2.64	
TOTAL VOLUME :- Vtotal = $\frac{BL}{2}$ (H ₁ + H ₂)				
		No. of cement bags		

Determination of X and h:

β (°)	-3	-1.5	0	1.5	3	4.5	6	7.5	9	10.5	12
X (cm)	57	101	145	189	233	277	321	365	409	453	497
h (cm)	6	12	19	25	31	37	43	49	55	61	67

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

Limits for Dimensions:

		Standard Length		Extended Length	
		Minimum	Maximum	Minimum	Maximum
B		3.20	3.80	3.90	4.60
L		2.00	4.20	2.00	4.20
h _T	β ≤ 4.5°	0.60	2.80	0.65	3.50
	β > 4.5°	0.90		1.10	
H ₁ , H ₂	β ≤ 4.5°	h _T + 0.80	Open	h _T + 0.80	Open
	β > 4.5°	h _T + 0.45		h _T + 0.45	

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

Bridge No: _____ Name: _____

Span: _____

Structural Drawing:
Windguy Cable Foundation

On Soil _____

2 Cables ø 32 mm

Standard length: ☐
Extended length: ☐

Date: August 2004 Drawing No. 44/1