

[illegible]

Technical drawing of a cable erection hook assembly, labeled 'A' and 'B'.

Section A: Shows the hook for cable erection (42-9) and the thimble for cable (42-13). The hook is labeled 'Hook for cable erection' and the thimble is labeled 'Thimble for cable ø 32 mm'. The center line of the block is indicated.

Section B: Shows the windguy cable (ø 32 mm) and the 7 bulldog grips (42-14). The cable is labeled 'Windguy cable ø 32 mm' and the grips are labeled '7 bulldog grips 42-14'. The binding wire or weld at the cable end is also shown.

Dimensions:

- Total length: $L = \dots$
- Half length: $L/2$
- Cable end offset: $c/e = \dots$
- Hook offset: 3.5
- Grip spacing: 190

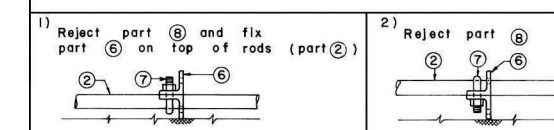
B = m.	L = m.	Vo Quantity (m ³)	Cement	
H ₁ = m.	H ₂ = m.		Bags/m ³	No. of bags
Cement plaster 1:4, 2 cm thick Vo = 0.02 BL			9.12	
Plumb concrete 1:3:6 + 40% boulders Vo = $\frac{BL}{2} (H_1 + H_2 - 0.04)$			2.64	
TOTAL VOLUME :- Vtotal = $\frac{BL}{2} (H_1 + H_2)$				
		No. of cement bags		

Formwork	Fo Quantity (m
$Fo = H_2 \times L$	

		Minimum	Maximum
B		2.50	3.10
L		1.50	3.50
h _T	$\beta \leq 6^\circ$	0.50	2.20
	$\beta > 6^\circ$	0.70	
H ₁ , H ₂		h _T + 0.50	Open

β (°)	-4	-3	-2	0	2	4	6	8	10	12
X (mm)	-10 ¹⁾	18 ²⁾	36	80	124	168	212	256	300	344
h (cm)	-1	3	6	12	18	25	31	38	45	51

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



Bridge No:	Name:
Span:	
Structural	Drawing :
Windguy Cable Foundation On Rock I Cable $\varnothing$ 32 mm	
Date: August 2004	Drawing No. 42/2