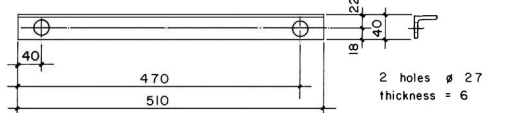
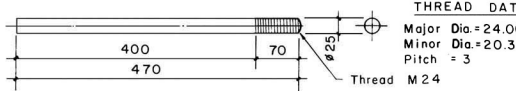
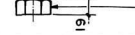
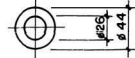
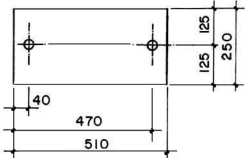
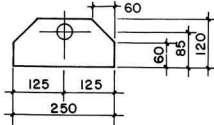
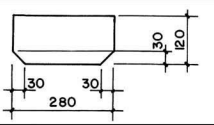
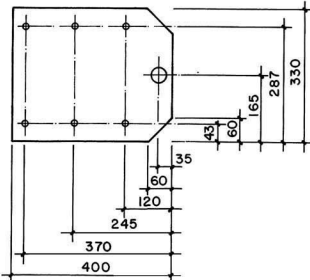
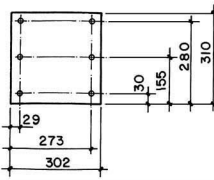
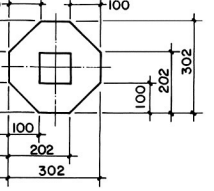
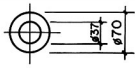


Part no.	Section (mm)	Quantity	Working Drawing (Dimension in mm)	Length		Weight		Surface to be painted		Total weight (finished) Galvanized kg	Remarks
				Single/pc mm	total m	kg/pc	total kg	m ² /pc	total m ²		
1	a Angle 40/40/6 ℓ = 510	2		510	1.02	1.73	3.46	—	—	3.55	Weight of one -welded unit = 6.96 kg -Galvanized unit = 7.10 kg Part nos. 1(a-b) to be welded together as shown in welding detail.
	b Rod ϕ 25 ℓ = 470	2		470	0.94	1.75	3.50	—	—	3.55	
2	Hexagonal nut M 24 IS 1363	5	 Thread M 24	—	—	0.10	0.50	Galvanized			1 pc. extra Ref : IS 1363 -1967
3	Washer ϕ 26 IS 6610	3	 thickness = 8	—	—	0.062	0.19	Galvanized			1 pc extra Ref : IS 6610-1972
4	a Plate 510 / 250 / 20	1		—	—	19.84	19.84	0.27	0.27	20.00	Weight of one -welded unit = 27.92 kg -Galvanized unit = 28.23 kg Part nos. 4 (a-c) to be welded together as shown in welding detail.
	b Plate 250 / 120 / 10	2		—	—	1.99	3.98	0.05	0.10	4.04	
	c Plate 280 / 120 / 8	2		—	—	2.05	4.10	0.07	0.14	4.19	
5	a Plate 400 / 330 / 6	2		—	—	5.96	11.92	0.26	0.52	12.24	Weight of one -welded unit = 23.86 kg -Galvanized unit = 24.49 kg Part nos. 5 (a-d) to be welded together as shown in welding detail.
	b Plate 310 / 302 / 6	2		—	—	4.37	8.74	0.19	0.38	8.97	
	c Plate 302 / 302 / 6	1		—	—	2.86	2.86	0.12	0.12	2.93	
	d Washer ϕ 70 x 8	2	 thickness = 8	—	—	0.17	0.34	0.003	0.01	0.35	

NOTES :

- 1) To obtain uniformity, use of templates and jigs is mandatory for holing, bending and welding of assembly.
- 2) All parts or bundles and packages with identical parts have to be labelled or marked with the respective part number by the workshop.

Serial number	Item	Total weight (kg)
1	Structural steel	424.02
2	Screws, bolts, nuts, washers	32.84
Total : 1 + 2		456.86
		(Pieces)
Thimbles for cable ϕ 13 mm		4
Bulldog grips for cable ϕ 13 mm		12

TOTAL TRANSPORTATION WEIGHT : 470.09 kg

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

Bridge No: Name:

Span:

Working drawing

Windguy Stay Strut
For Windguy Cable ϕ 36 mm

Effective Length : 8.30m

Load Capacity : 130 kN

Date: August 2004

Drawing No.177