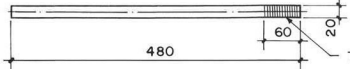
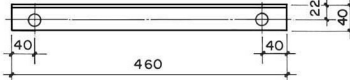
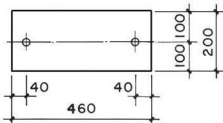
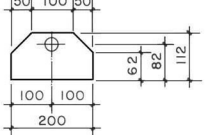
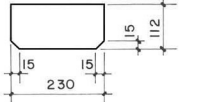
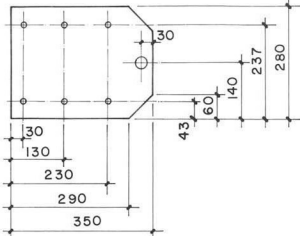
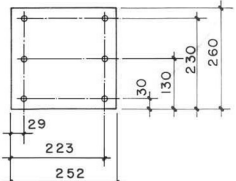
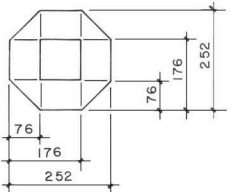

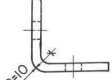


Part no.	Section (mm)	Quantity	Working Drawing (Dimension in mm)	Length		Weight		Surface to be painted		Total Weight (finished) Galvanized (kg)	Remark
				Single/pc mm	total m	kg/pc	total kg	m ² /pc	total m ²		
1	a Rod ϕ 20 $L = 480$	2		480	0.96	1.16	2.32	—	—	2.35	Weight of one welded unit = 5.48 kg Galvanized unit = 5.60 kg Part nos. 1 (a-b) to be welded together as shown in welding detail.
	b Angle 40/40/6 $L = 460$	2		460	0.92	1.58	3.16	—	—	3.25	
2	a Plate 460/200/16	1		—	—	11.46	11.46	0.20	0.20	11.58	Weight of one welded unit = 17.66 kg Galvanized unit = 17.89 kg Part nos. 2 (a-c) to be welded together as shown in welding detail.
	b Plate 200/112/10	2		—	—	1.50	3.00	0.04	0.08	3.05	
	c Plate 230/112/8	2		—	—	1.60	3.20	0.05	0.10	3.26	
3	a Plate 350/280/6	2		—	—	4.37	8.74	0.19	0.38	8.97	Weight of one welded unit = 17.08 kg Galvanized unit = 17.53 kg Part nos. 3 (a-d) to be welded together as shown in welding detail.
	b Plate 260/252/6	2		—	—	3.05	6.10	0.13	0.26	6.26	
	c Plate 252/252/6	1		—	—	1.98	1.98	0.09	0.09	2.03	
	d Washer ϕ 60x8	2		—	—	0.13	0.26	0.01	0.02	0.27	
4	Angle 50/50/6 $L = 1820$	4	Refer to detail	1820	7.28	8.08	12.32	0.36	1.44	33.20	 * The corners at the ends of the angles to be ground off for a length of 100mm as shown above.
5	Angle 50/50/6 $L = 2115$	4	Refer to detail	2115	8.46	9.39	37.56	0.42	1.68	38.58	
6	Angle 50/50/6 $L = 2297$	4	Refer to detail	2297	9.19	10.20	40.80	0.46	1.84	41.92	

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	318.86
2	Screws, bolts, nuts, washers	28.21
Total : 1 + 2		347.07
		(Pieces)
Thimbles for cable ϕ 13 mm		4
Bulldog grips for cable ϕ 13 mm		12

TOTAL TRANSPORTATION WEIGHT : 358.30 kg

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

Bridge No: _____ Name: _____

Span: _____

Working & Assembly Drawing :

Windguy Stay Strut
For Windguy Cable ϕ 32 mm

Effective Length : 6.50 m

Load Capacity : 100 kN

Units :

Date: August 2004

Drawing No.176