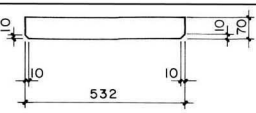
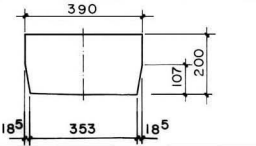
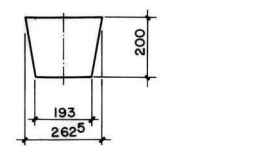
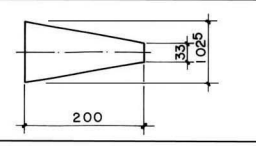
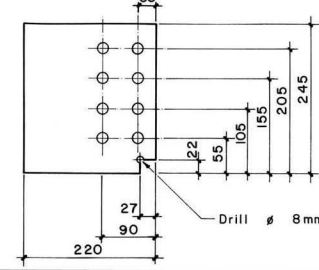
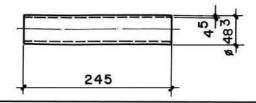
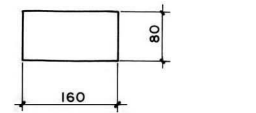
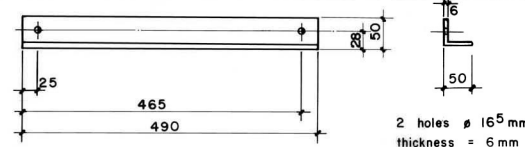
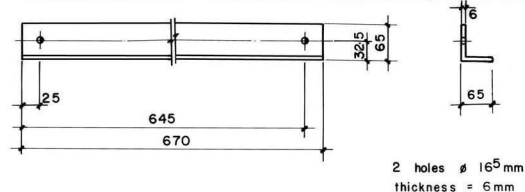


STEELPART LIST

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		
a	Angle 80/80/8 ℓ = 1563	8	Refer to detail 1:5	1563	12.50	14.13	113.04	0.47	3.76	115.33	
b	Plate 532/70/6	4	 thickness = 6mm	—	—	1.75	7.00	0.08	0.32	7.20	
c	Plate 390/200/6	4	 thickness = 6mm	—	—	3.58	14.32	0.16	0.64	14.71	
d	Plate 262 ⁵ /200/6	4	 thickness = 6mm	—	—	2.15	8.60	0.09	0.36	8.82	
e	Plate 200/102 ⁵ /6	4	 thickness = 6mm	—	—	0.64	2.56	0.03	0.12	2.63	
f	Plate 245/220/16	4	 8 holes ø 21mm thickness = 16mm	—	—	6.34	25.36	0.11	0.44	25.63	
g	IS heavy tube O.D ø 483 ℓ = 245	4	 thickness = 16mm	245	0.98	1.09	4.36	0.07	0.28	4.53	
h	Plate 160/80/10	4	 thickness = 10mm	—	—	1.00	4.00	0.03	0.12	4.07	Part no B-1 (a-h) to be welded together as shown in welding detail
B-2	Angle 50/50/6 ℓ = 490	4	 2 holes ø 16.5mm thickness = 6mm	490	1.96	2.00	8.80	0.09	0.36	9.02	
B-3	Angle 65/65/6 ℓ = 670	8	 2 holes ø 16.5mm thickness = 6mm	670	5.36	3.89	31.12	0.25	2.00	32.34	

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.
- 3) "Friction grip bolt, nuts and washers" are mentioned in this drawing. However "Black grade hexagonal bolts and nuts (IS 1363, property class 4.6) and washers (IS 6610)" can be supplied.

Serial number	Item	Total weight (kg)
1	Structural steel	231.74
2	Screws, bolts, nuts, washers	27.87
Total 1 + 2		259.61

TOTAL TRANSPORTATION WEIGHT : 264.99 kg

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

Bridge No: _____ Name: _____

Span: _____

Working & Assembly Drawing :

Tower Base Element

Standard section : 400 x 550 mm

Effective height : 1550 mm

Angle : 80/80/8 mm

c/c₁ = 3500 mm , c/c₂ = 488 mm

Units : 1 Unit ≡ Steelports for one Tower

Date: August 2004

Drawing No. 102