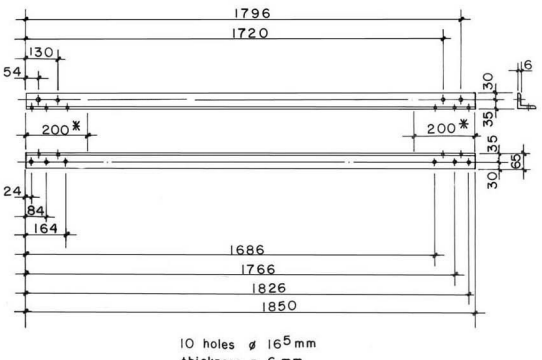

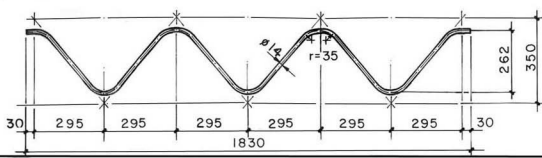
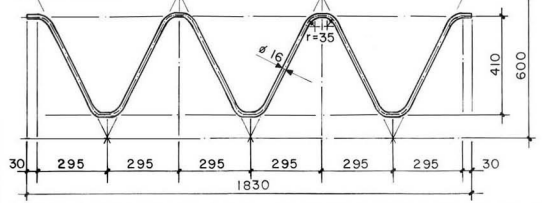
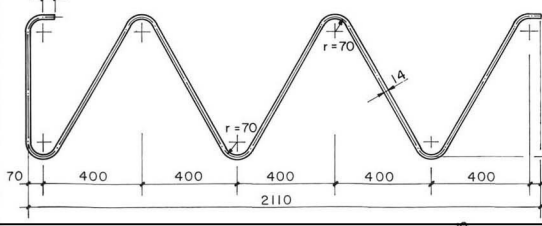
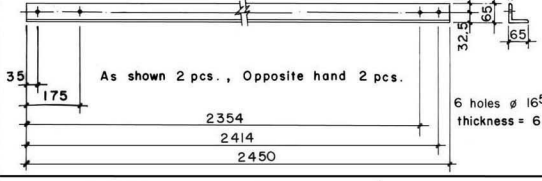
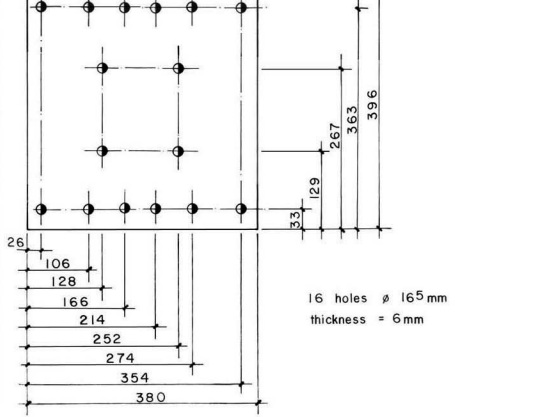


STEELPART LIST

Part no	Section (mm)	Quantity	Working Drawing (Dimension in mm)	Length		Weight		Surface painted m ² /pc	to be Galvanized total m ²	Total weight (finished) Galvanized kg	Remarks
				Single/pc mm	total m	kg/pc	total kg				
T-1	a Angle 65/65/6 ℓ = 1850	8		1850	14.80	10.63	85.04	0.48	3.84	87.38	 On the ends of angle the corner to be ground off (For a length of 200 mm) as shown above.
	b Rod ϕ 16 mm ℓ = 2536	4		2536	10.14	4.00	16.00	0.13	0.52	16.32	ϕ 14 mm and ϕ 16 mm rods to be bent as shown.
	c Rod ϕ 16 mm ℓ = 3307	4		3307	13.23	5.23	20.92	0.17	0.68	21.33	Part nos. T-1 (a,b,c) to be welded together as shown in welding detail.
T-2	a Rod ϕ 16 mm ℓ = 4498	2		4498	9.30	7.34	14.68	0.23	0.46	14.96	Part no. T-2 (a) ϕ 14 mm rod to be bent as shown.
	b Angle 65/65/6 ℓ = 2450	4		2450	9.80	14.09	56.36	0.61	2.44	57.85	Part nos. T-2 (a,b) to be welded together as shown in welding detail.
T-3	Plate 396 / 380 / 6	4		-	-	6.93	27.72	0.30	1.20	28.45	

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 "Galvanized 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	309.22
2	Screws, bolts, nuts, washers	35.01
Total 1 + 2		344.23

TOTAL TRANSPORTATION WEIGHT : 352.15 kg

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

Bridge No: _____ Name: _____

Span: _____

Working & Assembly Drawing :

Tower Top Element

Standard section : 400 x 550 mm

Effective height : 2020 mm

Angle : 65 / 65 / 6 mm

Units : 1 Unit = Steelparts for one Tower

Date: August 2004

Drawing No.123