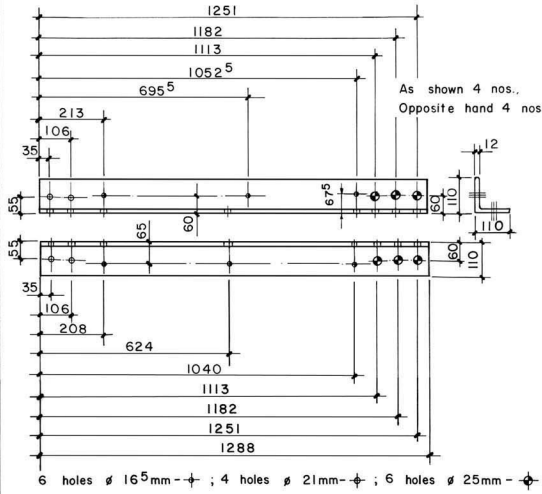
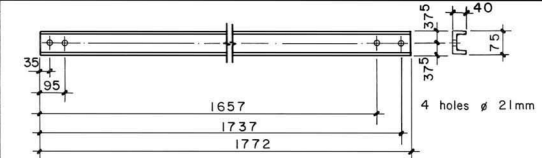
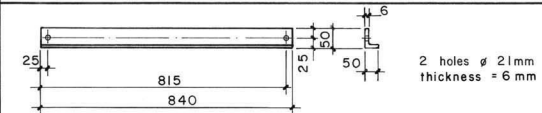
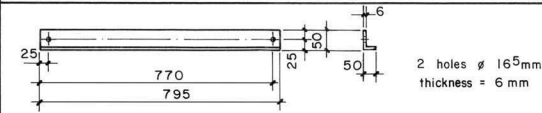
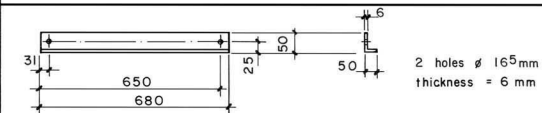
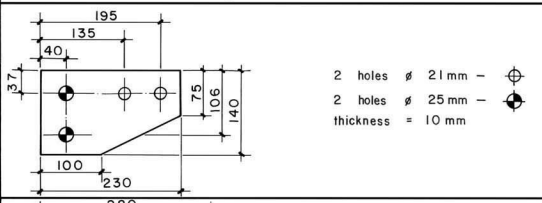
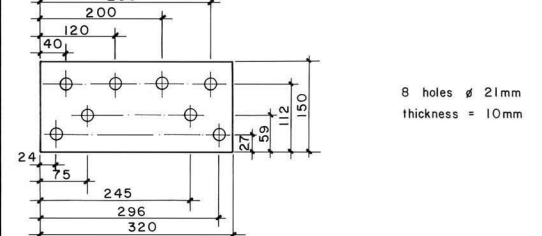


STEELPART LIST

Part no	Section (mm)	Quantity	Working Drawing (Dimension in mm)	Length		Weight		Surface to be painted		Total weight (finished) Galvanized kg	Remarks
				Single/pc m	total m	kg/pc	total kg	m ² /pc	total m ²		
T-1	Angle 110/110/12 $\angle = 12.88$	8		1288	10.30	24.72	197.76	0.57	4.56	200.54	Angle to be bent as shown in bending detail 1:5
T-2	a Channel ISMC 75-1772	4		1772	7.09	12.00	48.00	0.55	2.20	49.34	Part no T-2 (a, b, c) channels and rods to be bent and welded together as shown in welding detail 1:10
	b Rod ø 16 mm $\angle = 3001$	2	Refer to detail for the bending of rod	3001	6.00	4.74	9.48	0.15	0.30	9.66	
	c Rod ø 16 mm $\angle = 3953$	2	Refer to detail for the bending of rod	3953	7.91	6.25	12.50	0.20	0.40	12.74	
T-3	Angle 50/50/6 $\angle = 840$	4		840	3.36	3.78	15.12	0.16	0.64	15.51	
T-4	Angle 50/50/6 $\angle = 795$	4		795	3.18	3.58	14.32	0.15	0.60	14.69	
T-5	Angle 50/50/6 $\angle = 680$	4		680	2.72	3.06	12.24	0.13	0.52	12.56	
T-6	Plate 230/140/10	4		-	-	2.06	8.24	0.06	0.24	8.39	
T-7	Plate 320/150/10	2		-	-	3.55	7.10	0.10	0.20	7.22	

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 for M20 & 6.6 for M16) and washers (IS 6610) can be supplied.

Serial number	Item	Total weight (kg)
1	Structural steel	561.64
2	Screws, bolts, nuts, washers	58.95
Total 1 + 2		620.59

TOTAL TRANSPORTATION WEIGHT : 631.82 kg

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

Bridge No: _____ Name: _____

Span: _____

Working Drawing :

Tower Top Element

Standard section : 450 x 900 mm

Effective height : 1285 mm

Angle : 110/110/12 mm

Units : 1 Unit = Steelparts for one Tower

Date: August 2004

Drawing No. 130