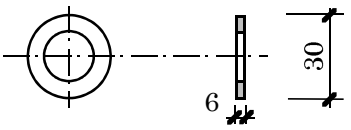
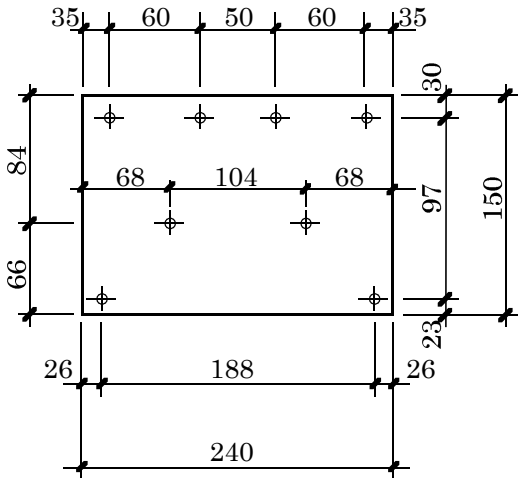
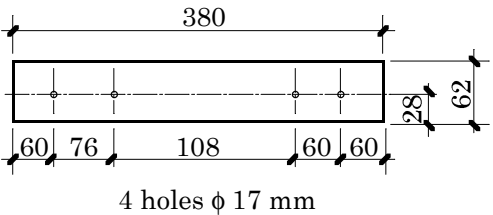
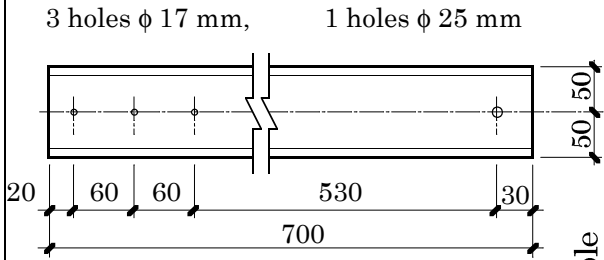
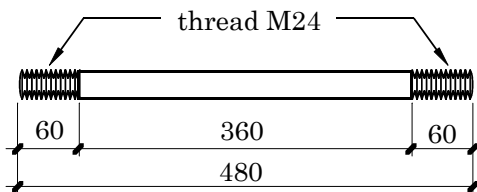
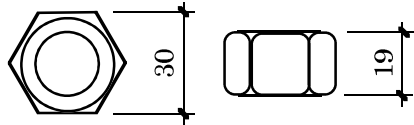


Part No.		Section [mm]	Quantity [nos]	Working Drawing	Weight	
					kg / pc	total kg
T - 1	a	Angle 65/65/6 l = 1850	16		10.63	170.08
	b	Rod f 12 l = 2164	4		1.92	7.68
	c	Rod f 12 l = 2536	4		2.25	9.00
T - 2	a	Rod f 10 l = 3709	2		2.30	4.60
	b	Angle 50/50/6 l = 2536	4		11.27	45.08
T - 3		Plate 380/296/6	4		5.16	20.64
T - 4	a	Angle 50/50/6 l = 1590	4		7.15	28.60
	b	Rod f 10 l = 2536	2	Rod f 10 to be bent as shown in welding detail.	1.57	3.14
T - 5		Plate 420/360/6	4		6.12	24.48
T - 6		Plate 310/65/6	8		0.91	7.28
T - 7		Hex Bolt M16 - 40	155		0.09	13.95 ^c
T - 8		Hex Nut M16	155		0.03	4.65 ^c

Part No.	Section [mm]	Quantity [nos]	Working Drawing	Weight	
				kg / pc	total kg
T - 9	Plain Washer f 17	155		0.02	3.10^c
T - 10	Plate 240/150/6	2		1.62	3.24
T - 11	Plate 310/65/6	8		1.07	8.56
T - 12	a Channel 100/50/4 l = 700	4		5.53	22.12
	b Rod f 25 l = 480	2		1.85	3.70
	c Hex Nut M24	8		0.097	0.78^c
A = 387.37 kg. Transportation Weight Galvanised : B + C + 6.69 kg.			B = 358.20 kg. Total Structural Steel to be galvanized	C = 22.48 kg. Nuts, Bolts, Washer	

Transportation unit of part T-1 = 52.25 kg.

Transportation unit of part T-2 = 25.49 kg.

Transportation unit of part T-4 = 16.28 kg.

Notes :

All Structural steel must comply with :
 IS 226 - 1975 for structural steel.
 IS 800-1984 for general construction in steel.
 All steelparts must be **hot dip galvanised**
 according to IS 2629 & 2633,
 min thickness = 80 µ m

HMG / Ministry of Local Development	
DoLIDAR / Short SpanTrail Bridge Standard	
Bridge Name:	
No:	Span:
Steel Drawing:	
Top Element for Tower No. 4 Steelpart List for one Element for one Tower Nos of Elements required :	
Date : September 30, 2002	Drawing No. 121N