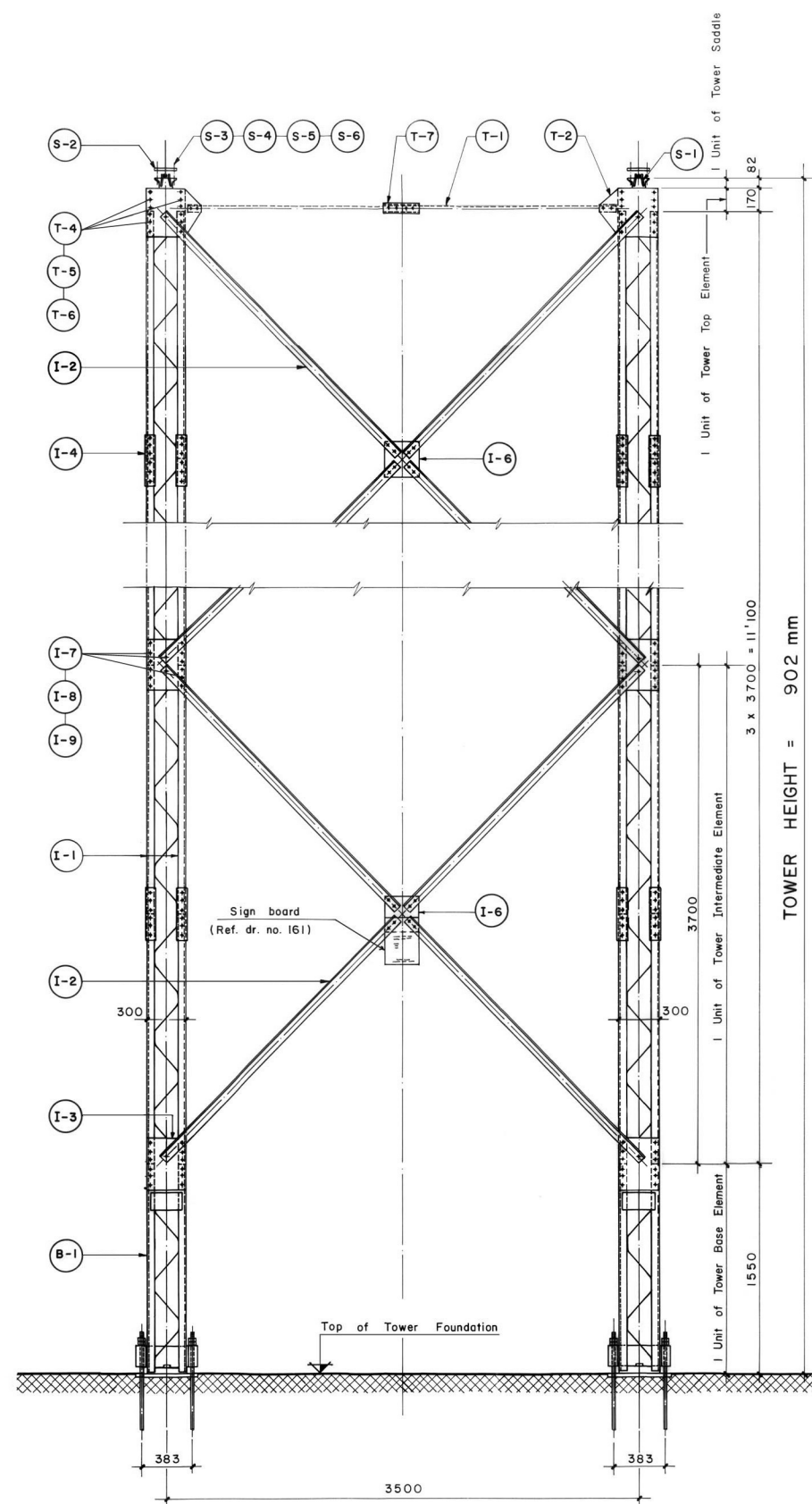
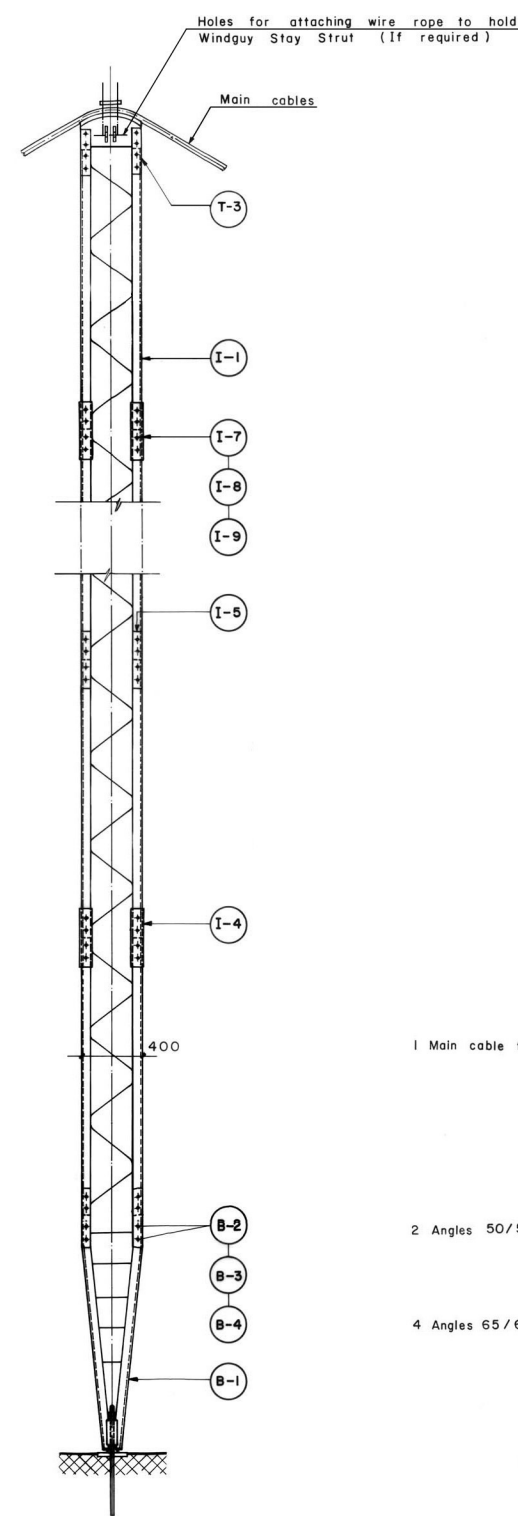


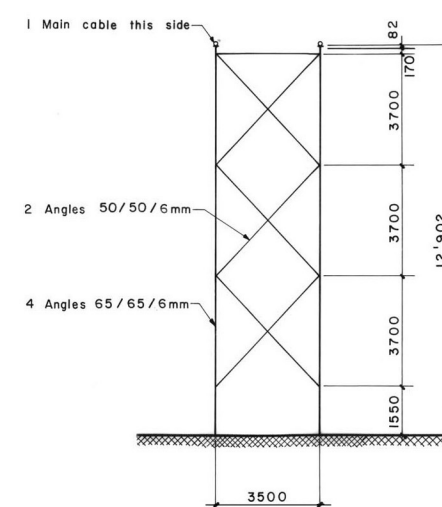
FRONT ELEVATION



SIDE ELEVATION



GENERAL ARRANGEMENT



REQUIREMENT FOR ONE TOWER:

Drawing Title	Drawing no.	Number of units required	Weight (kg)		Painting (m ²)		Weight (finished) Galvanized (kg)	
			per unit	total	per unit	total	per unit	total
Tower Base Element	100	1	132.38	132.38	5.28	5.28	124.78	124.78
Tower Intermediate Element	110	3	410.29	1230.87	16.36	49.08	375.39	1126.17
Tower Top Element	120	1	78.87	78.87	2.88	2.88	68.01	68.01
Tower Saddle	135	1	68.81	68.81	1.50	1.50	64.49	64.49
Sign Board	161	1	1.40	1.40	—	—	—	—
Grand Total			1512.33 kg	58.74 m ²	1383.45 kg			

Summary of Friction Grip Bolt, Nut and Washer.

Bolt M16 X50, including Nut & Washer.	681 pc.
Bolt M20 X130, including Nut & Washer.	9 pc.
Total weight of Bolt, Nut, Washer.	127.58 kg.
Steel Parts To Be Galvanized.	1510.93 kg.

NOTES:

- 1) All nongalvanized threads have to be painted in site with coaltar after retightening of the nuts.
- 2) All steel parts have to be painted with final coat after bridge erection, Only if not Galvanized.
- 3) All nuts have to be tightened to proper torque:—
 # 16mm : 20 mkg; # 20mm : 40 mkg.

TOTAL TRANSPORTATION WEIGHT : 1512.33 kg

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

Bridge No: Name:

Span:

Steel drawing :

Assembly of Tower

Tower height : 12.90 m
 Standard section : 300 x 400 mm
 Angle 65/65/6 mm
 2 Main cables
 c/c₁ = 3500 mm ; c/c₂ = 383 mm

Date: August 2004

Drawing No.145