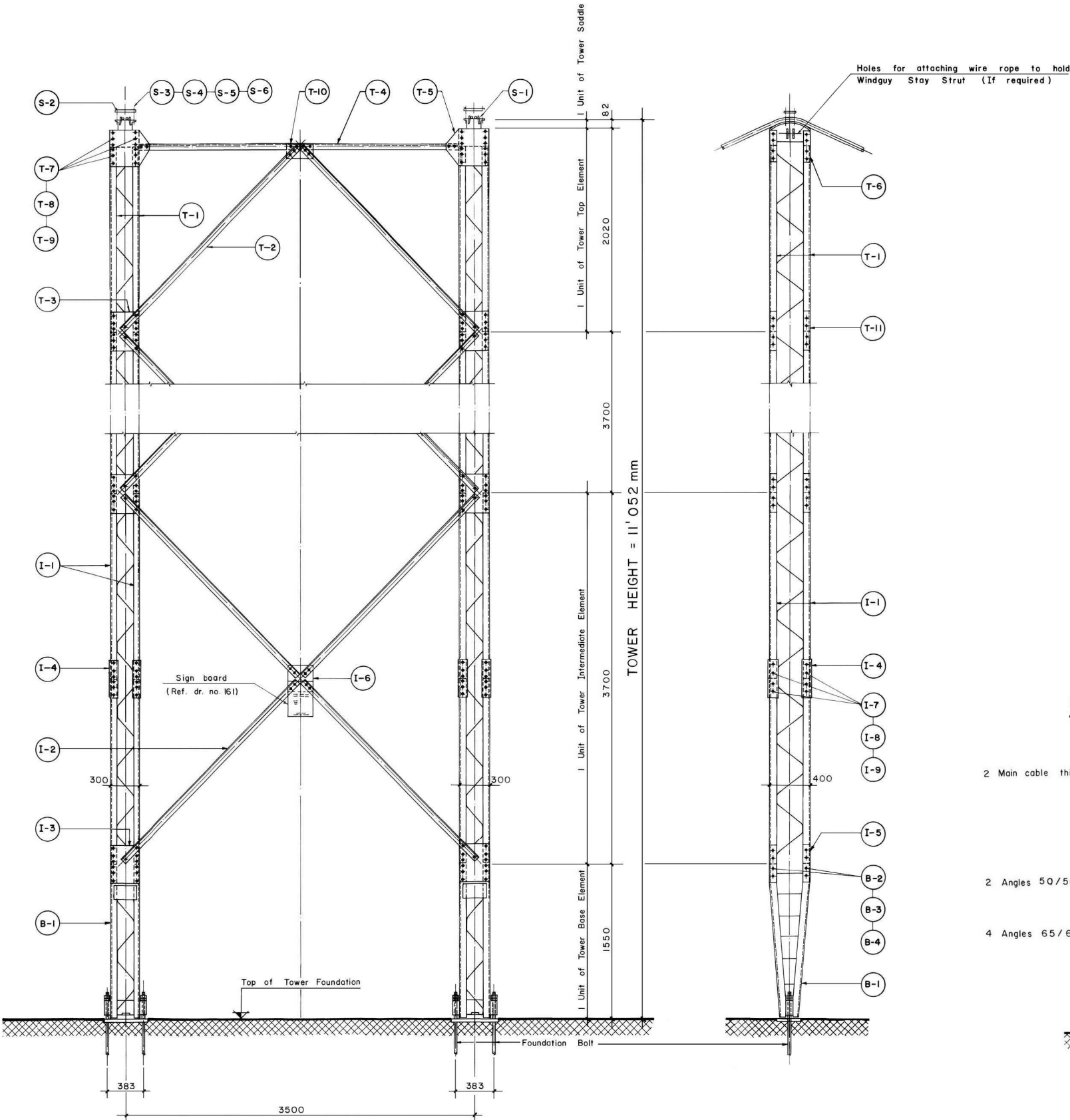


FRONT ELEVATION

SIDE ELEVATION

REQUIREMENT FOR ONE TOWER:

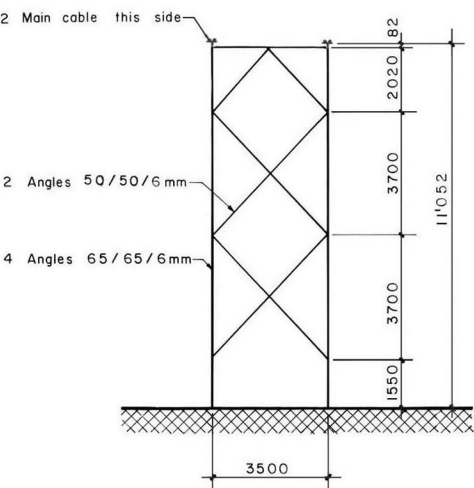


Drawing Title	Drawing no	Number of units required	Weight (kg)		Painting (m ²)		Weight (finished) Galvanized (kg)	
			per unit	total	per unit	total	per unit	total
Tower Base Element	100	1	132.38	132.38	5.28	5.28	124.78	124.78
Tower Intermediate Element	110	2	410.29	820.58	16.36	32.72	375.39	750.78
Tower Top Element	121	1	282.05	282.05	10.90	10.90	253.99	253.99
Tower Saddle	135	1			1.50	1.50		
Sign Board	161	1	1.40	1.40	—	—	—	—
Grand Total			1305.22 kg		50.40 m ²		1194.04 kg	

Summary of Friction Grip Bolt, Nut and Washer.	
Bolt M16 X50, including Nut & Washer.	583 pc.
Bolt M20 X130, including Nut & Washer.	9 pc.
Total weight of Bolt, Nut, Washer.	109.84 kg.
Steel Parts To Be Galvanized.	1303.82 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:—
ø 16mm : 20 mkg; ø 20mm : 40 mkg.

GENERAL ARRANGEMENT



TOTAL TRANSPORTATION WEIGHT : 1305.22 kg

MoLD / DoLIDAR / Trail Bridge Section

Long Span Trail Bridge Standard

Bridge No: Name:

Span:

Steel drawing :

Assembly of Tower

Tower height : 11.05 m

Standard section : 300 x 400 mm

Angle 65 / 65 / 6 mm

4 Main cables

c / c₁ = 3500 mm ; c / c₂ = 383 mm

Date: August 2004

Drawing No.144