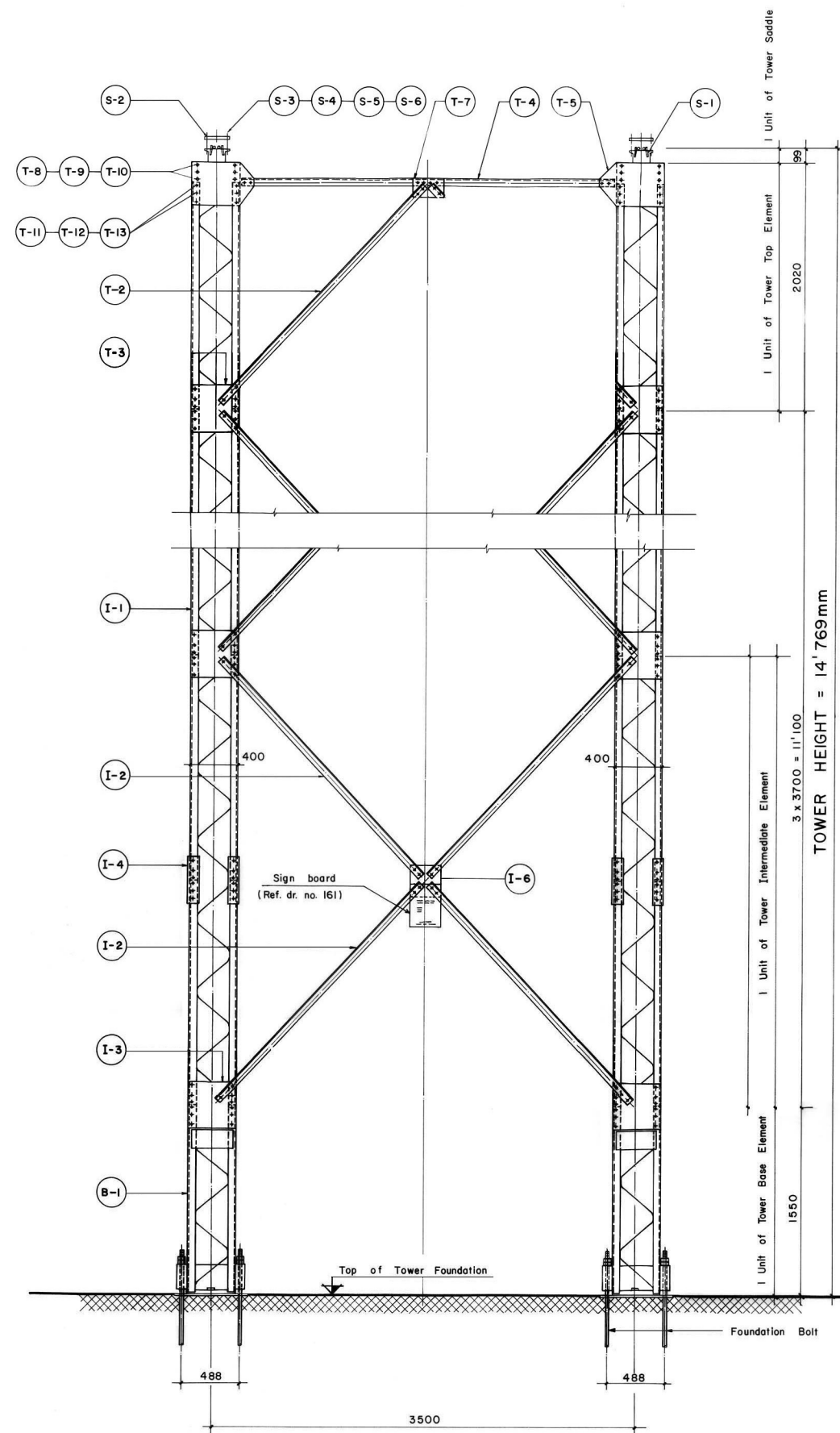
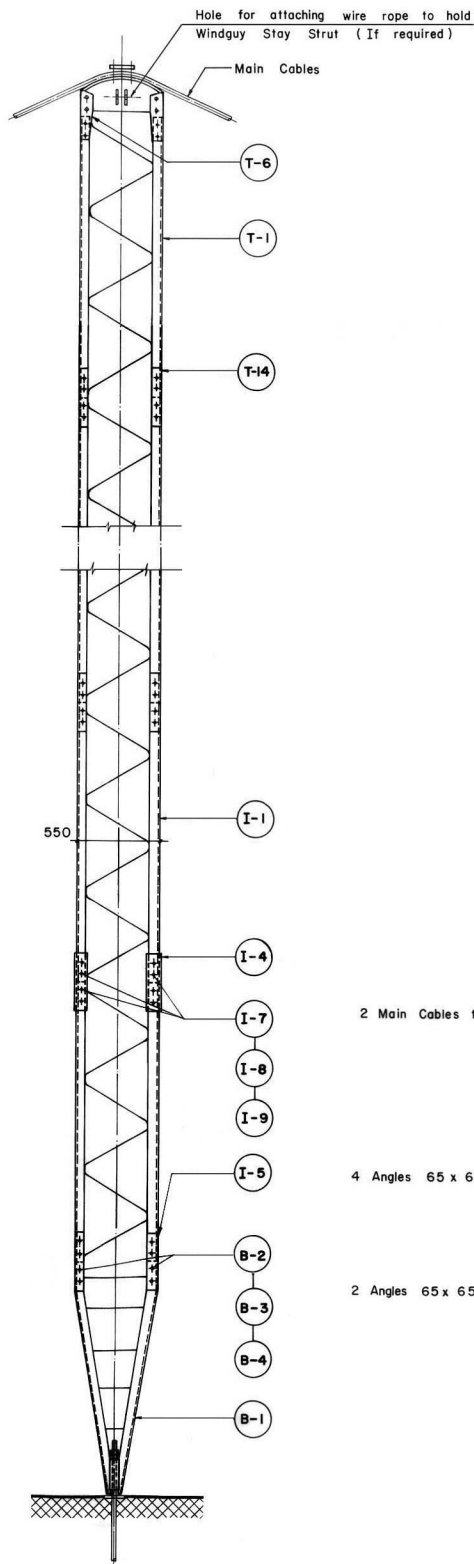


FRONT ELEVATION



SIDE ELEVATION



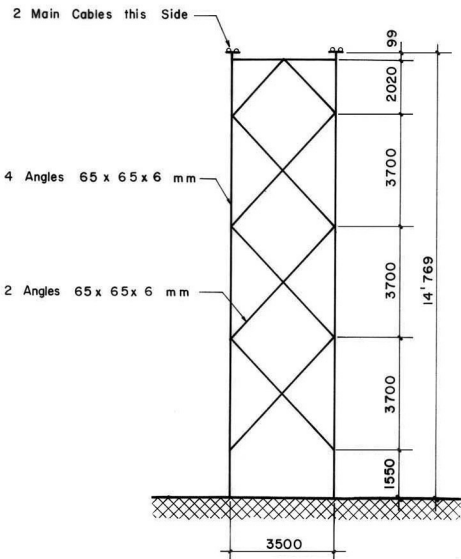
REQUIREMENT FOR ONE TOWER:

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	101	1	157.85	157.85	6.10	6.10	150.25	150.25
Tower Intermediate Element	111	3	501.97	1505.91	18.72	56.16	490.57	1471.71
Tower Top Element	123	1	352.15	352.15	13.00	13.00	317.14	317.14
Tower Saddle	136	1	103.24	103.24	2.24	2.24	98.92	98.92
Sign Board	161	1	1.40	1.40	—	—	—	—
Grand Total			2120.55 kg		77.50 m ²		2038.02 kg	

Summary of Friction Grip Bolt, Nut and Washer.	
Bolt M16 X50, including Nut & Washer.	736 pc.
Bolt M20 X60, including Nut & Washer.	43 pc.
Bolt M20 X130, including Nut & Washer.	9 pc.
Total weight of Bolt, Nut, Washer.	151.73 kg.
Steel Parts To Be Galvanized.	2119.15 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.

GENERAL ARRANGEMENT



TOTAL TRANSPORTATION WEIGHT : 2120.55 kg

MoLD / DoLIDAR / Trail Bridge Section Long Span Trail Bridge Standard	
Bridge No:	Name:
Span:	
Steel drawing : Assembly of Tower Tower height : 14.77 m Standard section : 400 x 550 mm Angle 65 / 65 / 6 mm 4 Main cables c / c ₁ = 3500 mm ; c / c ₂ = 488 mm	
Date: August 2004	Drawing No.147