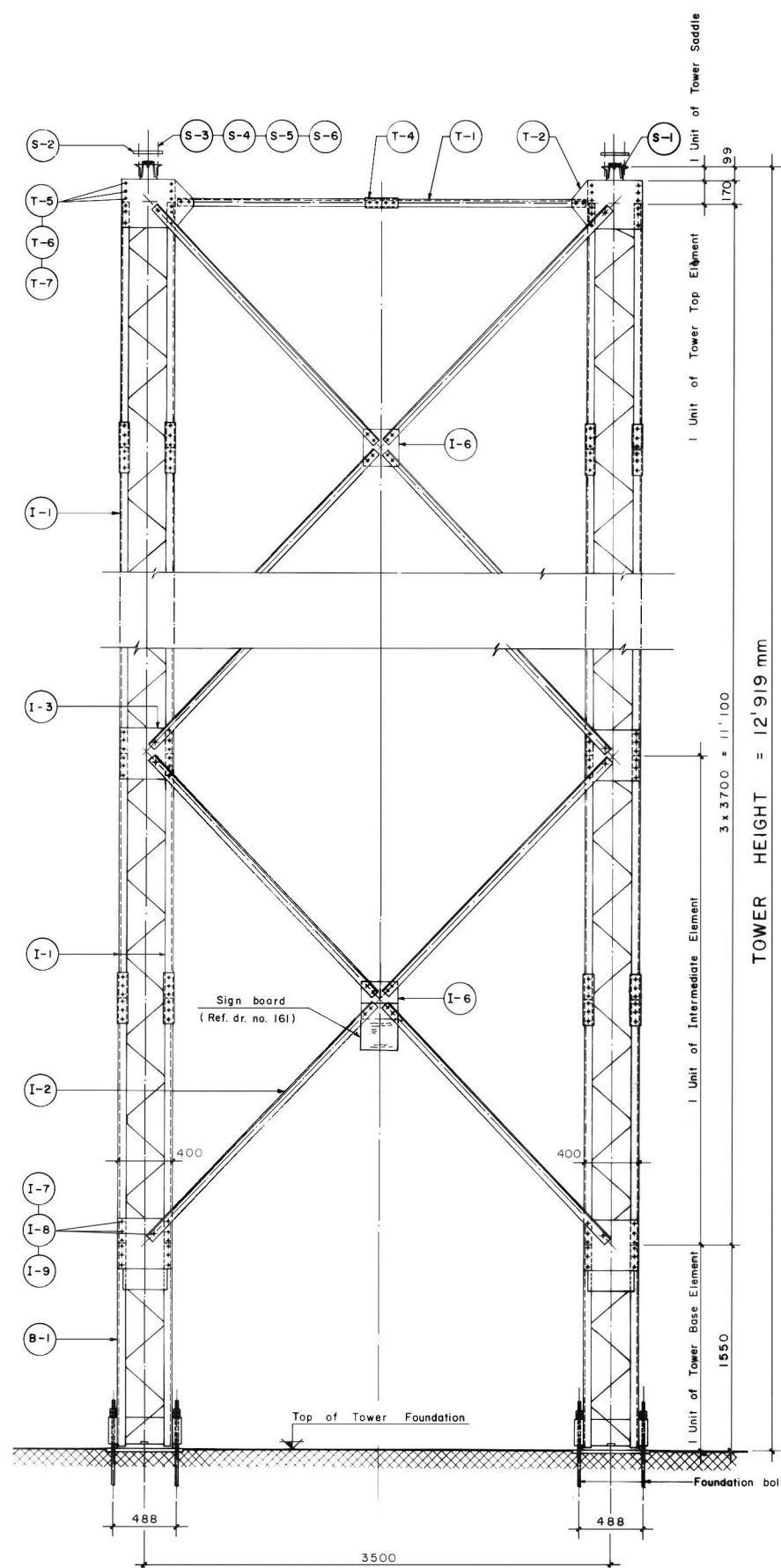
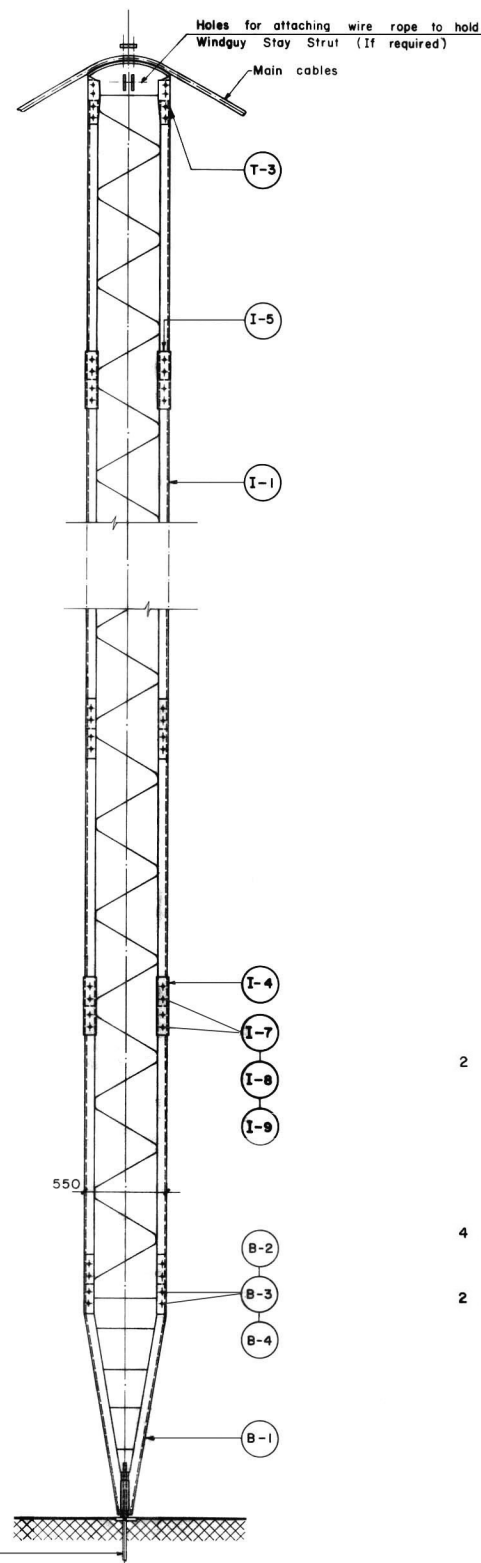


FRONT ELEVATION



SIDE ELEVATION



REQUIREMENT FOR ONE TOWER:

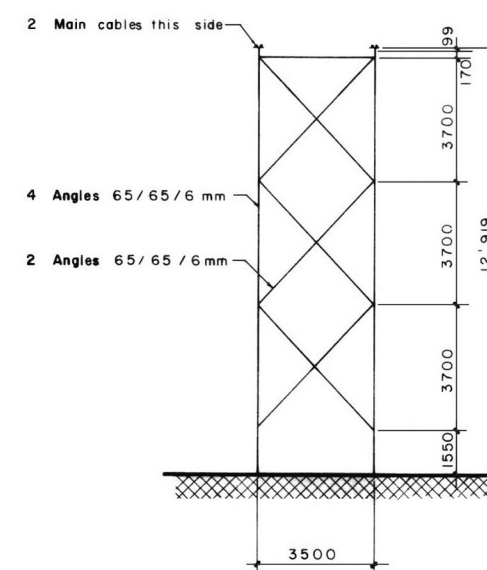
Drawing Title	Drawing no	Number of units required	Weight (kg)		Painting (m ²)		Weight (finished Galvanized kg)	
			per unit	total	per unit	total	per unit	total
Tower Base Element	101	1	157.85	157.85	6.10	6.10	150.25	150.25
Tower Intermediate Element	111	3	501.97	1505.91	18.72	56.16	490.57	1471.71
Tower Top Element	122	1	107.60	107.60	3.74	3.74	90.15	90.15
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			1876.00 kg		68.24 m²		1811.03 kg	

Bolt M16 X 50, including Nut & Washer.		639 pc.
Bolt M20 X 60, including Nut & Washer.		43 pc.
Bolt M20 X 130, including Nut & Washer.		9 pc.
Total weight of Bolt, Nut, Washer.		134.17 kg.
Steel Parts To Be Galvanized.		1874.60 kg.

NOTES:

- 1) All nongalvanized threads have to be painted in site with coaltar after reightening 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 : 1876.00 kg

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

Bridge No: Name:

Span:

Steel drawing:

Assembly of Tower

Tower height : 12.92 m
 Standard section : 400 x 550 mm
 Angle 65 / 65 / 6 mm
 4 Main cables
 c/c₁ = 3500 mm , c/c₂ = 488 mm

Date: August 2004

Drawing No.146