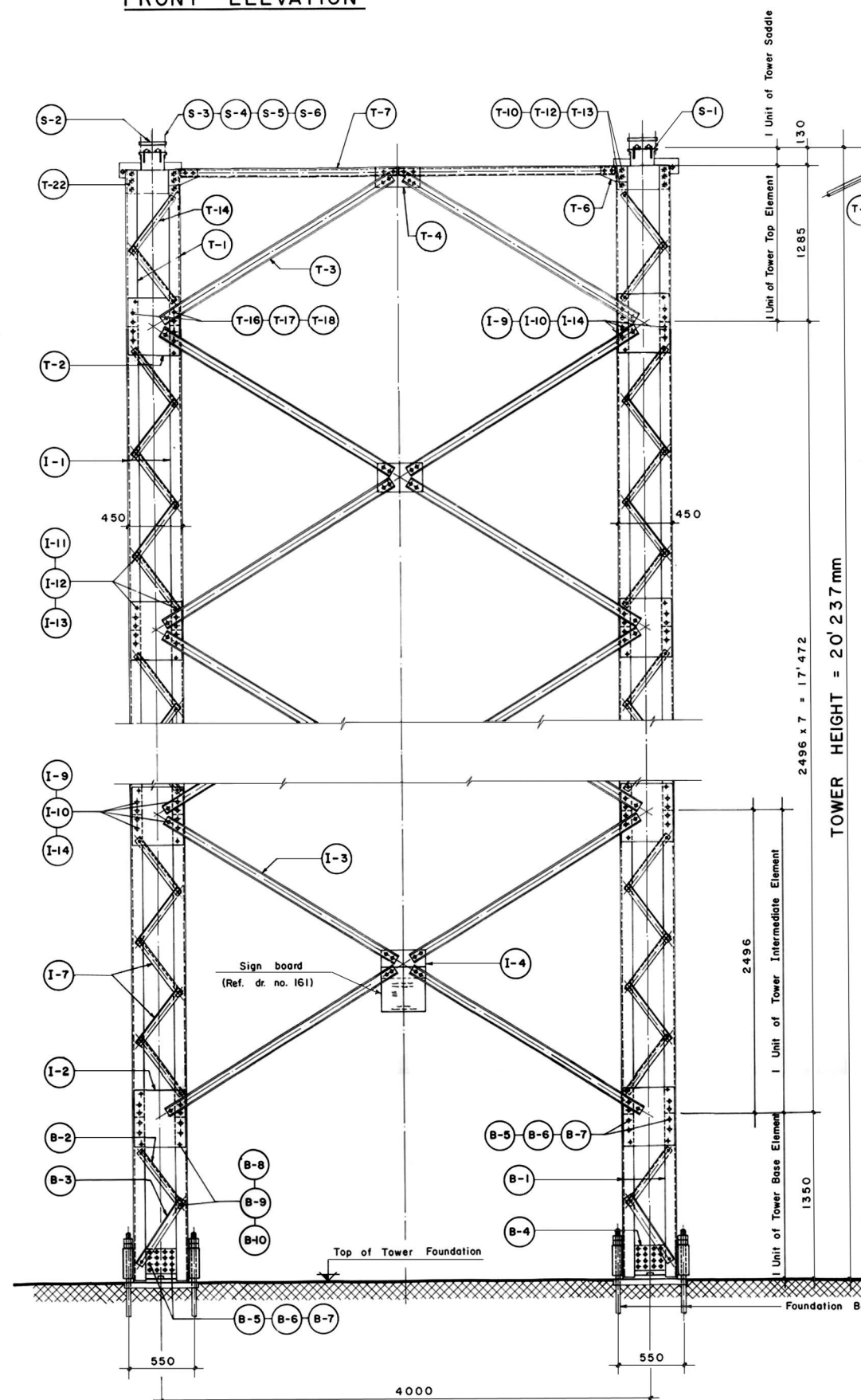
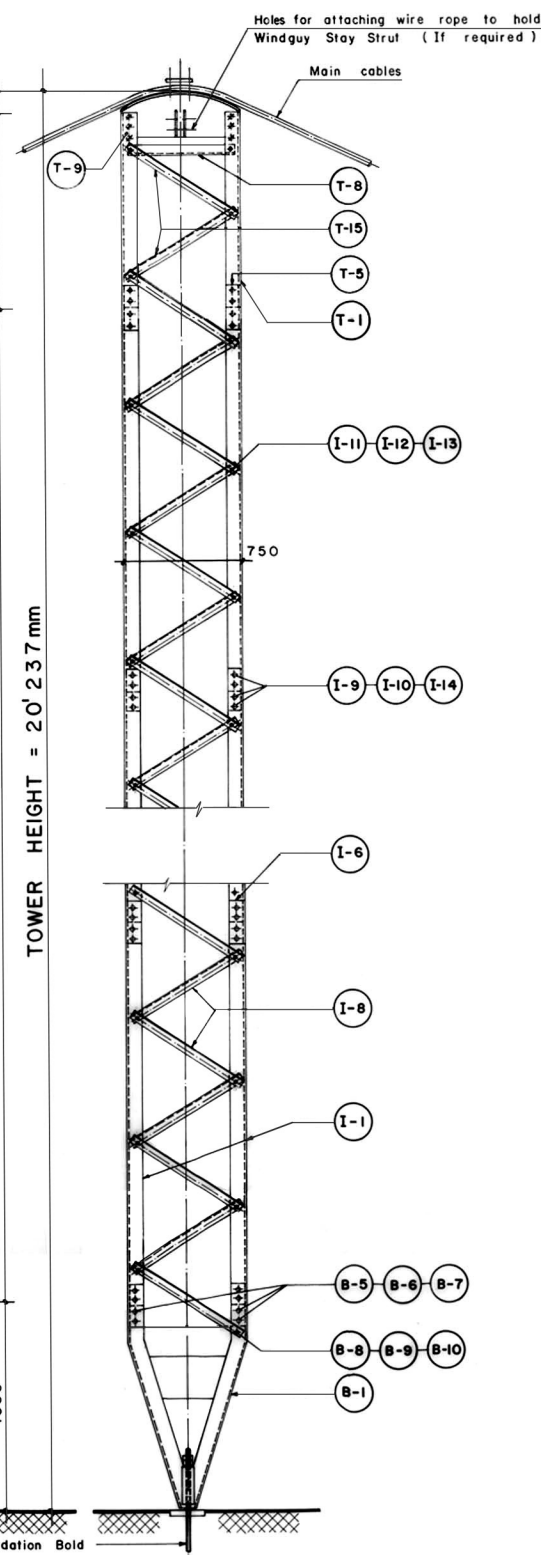


FRONT ELEVATION



SIDE ELEVATION



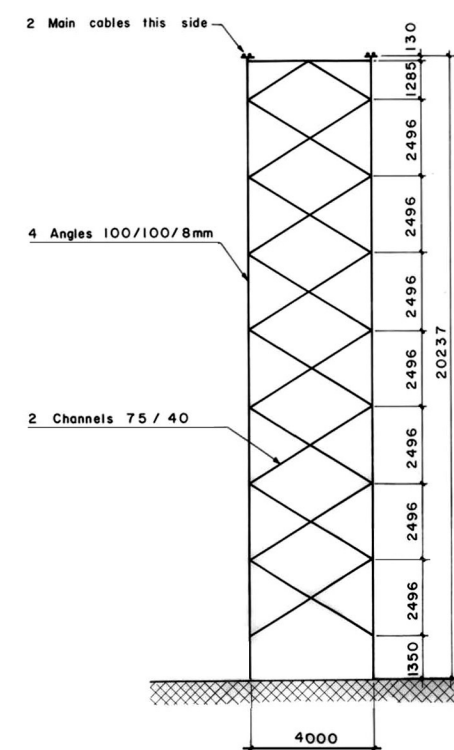
REQUIREMENT FOR ONE TOWER :

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	103	1	299.86	299.86	8.84	8.84	272.72	272.72
Tower Intermediate Element	113	7	699.48	4896.36	23.94	167.58	657.93	4605.51
Tower Top Element	126	1	535.70	535.70	17.20	17.20	476.75	476.75
Tower Saddle	137	1	177.56	177.56	3.26	3.26	173.21	173.21
Sign Board	161	1	1.75	1.75	-	-	-	-
Grand Total			5911.23 kg		166.88 m ²		5528.19 kg	

Summary of Friction Grip Bolt, Nut and Washer.

Bolt M16 X 50, including Nut & Washer.	480 pc.
Bolt M20 X 60, including Nut & Washer.	782 pc.
Bolt M24 X 65, including Nut & Washer.	50 pc.
Bolt M20 X 130, including Nut & Washer.	9 pc.
Total weight of Bolt, Nut, Washer.	381.26 kg.
Steel Parts to be Galvanized.	5909.48 kg.

GENERAL ARRANGEMENT



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 : 5911.23 kg

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

Bridge No: Name:

Span:

Steel drawing :

Assembly of Tower

Tower height : 20.24 m

Standard section : 450 x 750 mm

Angle 100/100/8 mm

4(6) Main cables

c/c₁ = 4000 mm ; c/c₂ = 550 mm

Date: August 2004

Drawing No.151