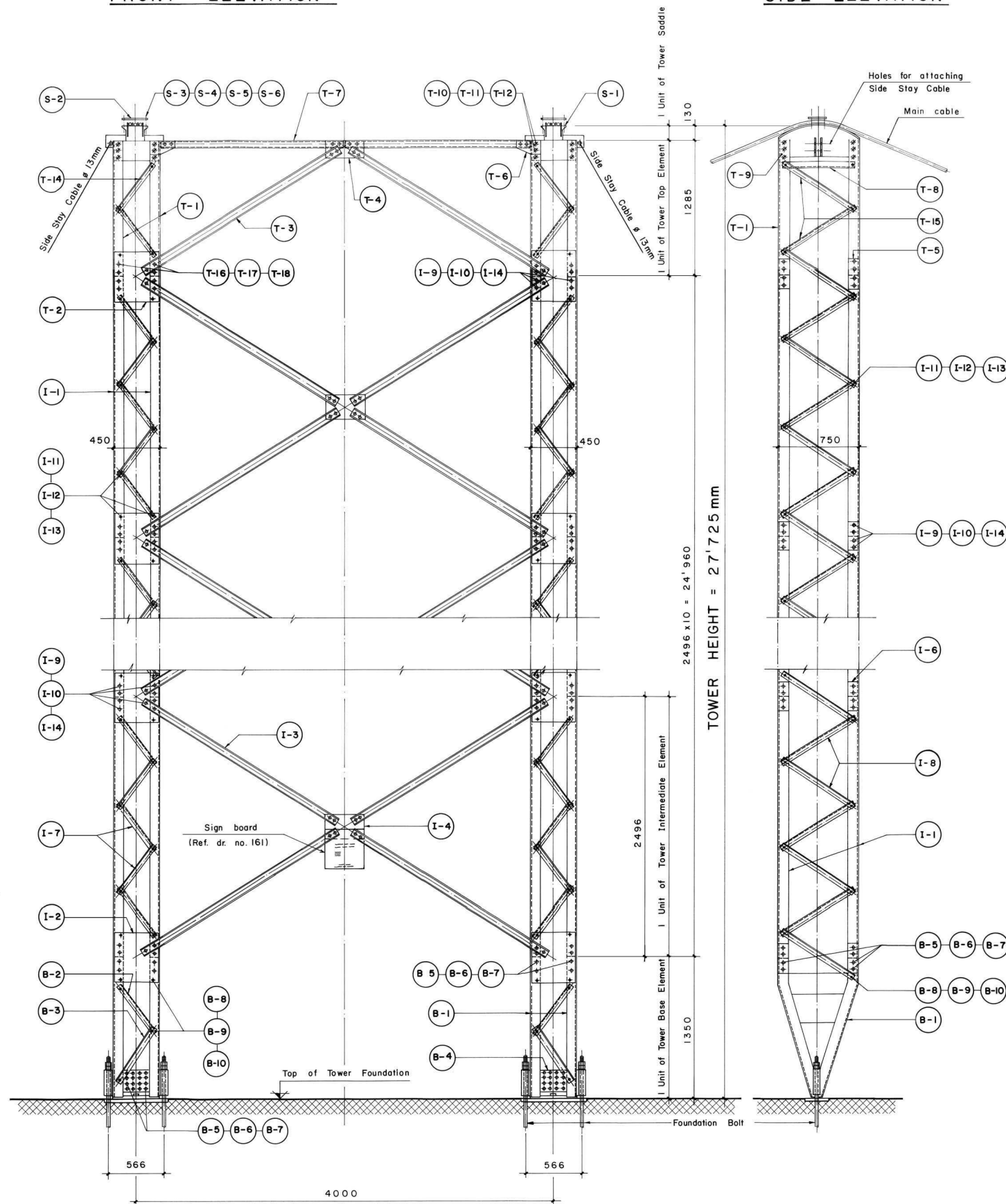


FRONT ELEVATION

SIDE ELEVATION



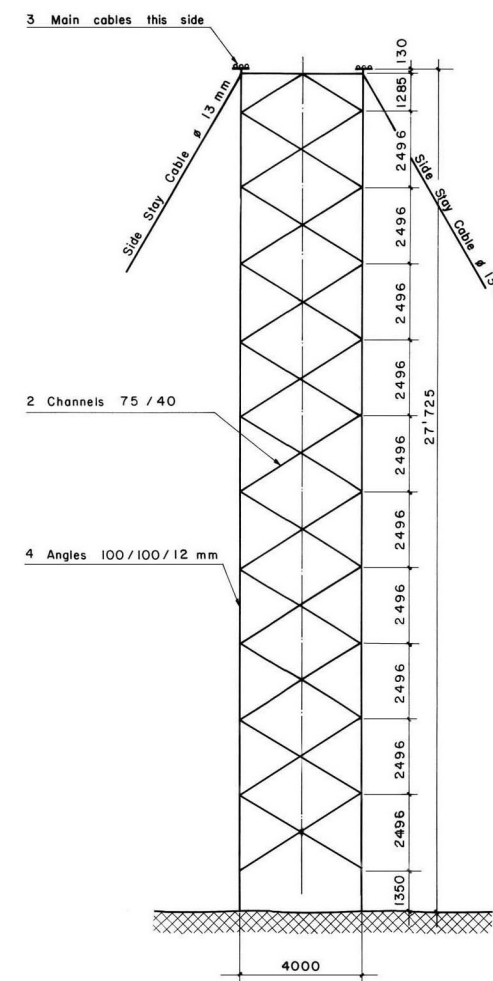
REQUIREMENT FOR ONE TOWER:

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	105	1	360.38	360.38	8.92	8.92	333.24	333.24
Tower Intermediate Element	115	10	809.96	8099.60	23.94	239.40	768.41	7684.10
Tower Top Element	128	1	584.65	584.65	16.92	16.92	525.70	525.70
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			9223.94 kg		268.50 m ²		8716.25 kg	

Summary of Friction Grip Bolt, Nut and Washer.

Bolt M16 X 50, including Nut & Washer.	660 pc.
Bolt M20 X 60, including Nut & Washer.	1061 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.	505.91 kg.
Steel parts to be galvanized	9222.19 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; # 20 mm : 40 mkg.

TOTAL TRANSPORTATION WEIGHT : 9223.94 kg.

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

Bridge No: Name:

Span:

Steel drawing :

Assembly of Tower

Tower height : 27.73 m
Standard section : 450 x 750 mm
Angle 100 / 100 / 12 mm
6 (4) Main cables
c / c₁ = 4000 mm ; c / c₂ = 566 mm

Date: August 2004

Drawing No.154