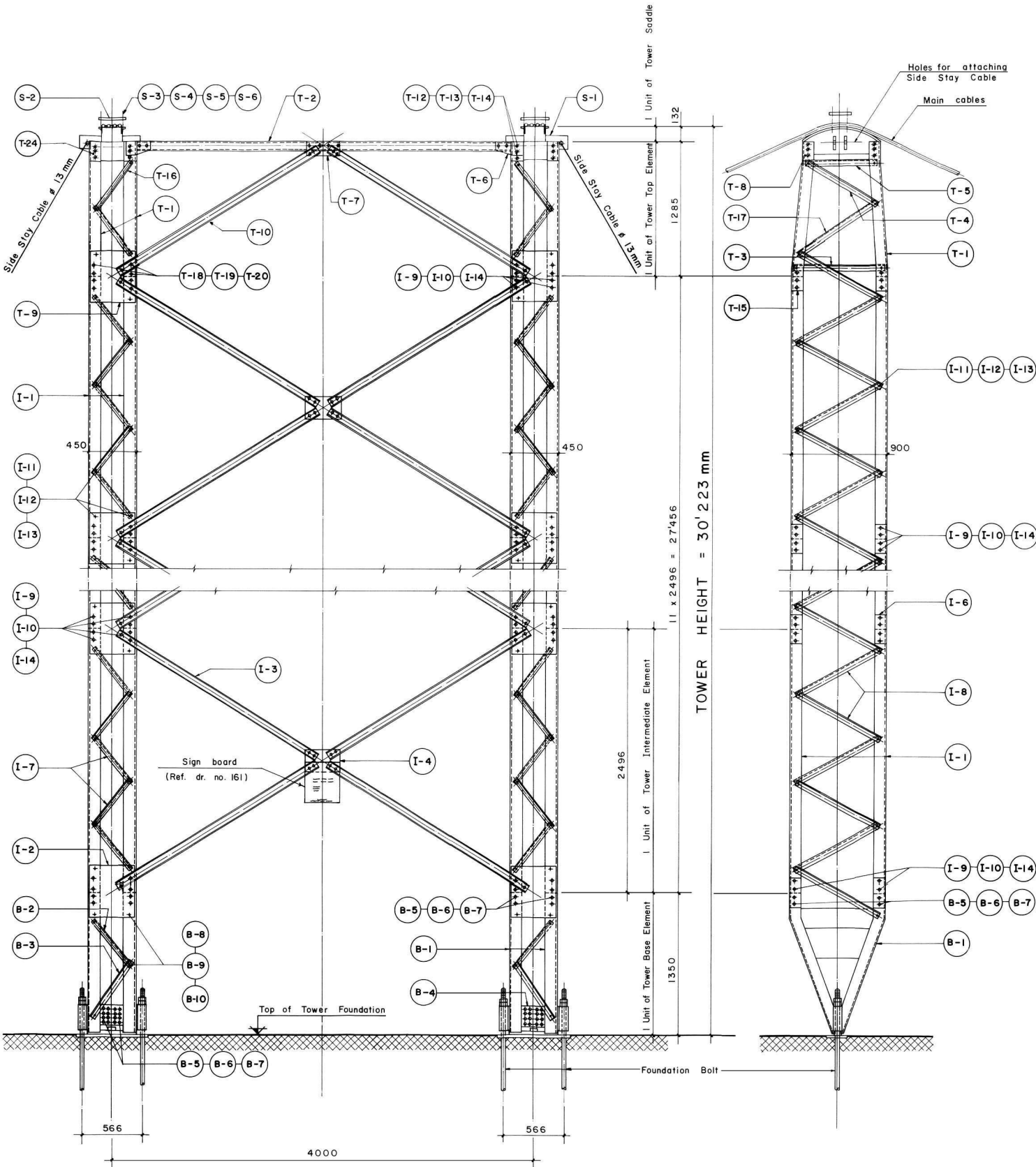


FRONT ELEVATION

SIDE ELEVATION



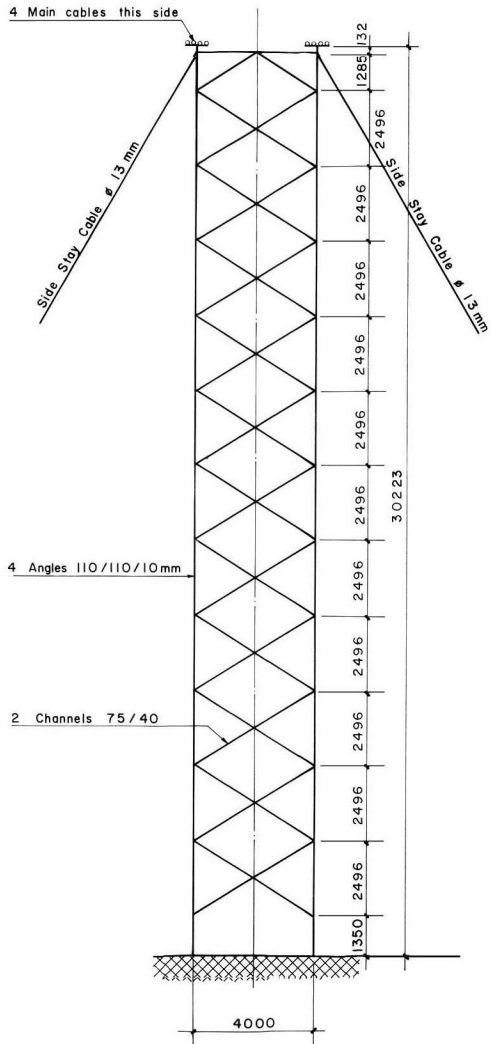
REQUIREMENT FOR ONE TOWER :

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	106	1	371.19	371.19	9.22	9.22	344.05	344.05
Tower Intermediate Element	116	11	805.88	8864.68	25.14	276.54	764.33	8407.63
Tower Top Element	129	1	604.21	604.21	18.66	18.66	545.26	545.26
Tower Saddle	138	1	199.32	199.32	3.46	3.46	194.79	194.79
Sign Board	161	1	1.75	1.75	—	—	—	—
Grand Total :			10041.15 kg		307.88 m ²		9496.73 kg	

Summary of Friction Grip Bolt, Nut and Washer.

Bolt M16 X 50, including Nut & Washer.	720 pc
Bolt M20 X 60, including Nut & Washer.	1154 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.	547.64 kg.
Steel parts to be galvanized	10039.40 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 :—
ø 16mm : 20mkg ; ø 20mm : 40mkg.

TOTAL TRANSPORTATION WEIGHT : 10041.15 kg

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

Bridge No: Name:

Span:

Steel drawing :

Assembly of Tower

Tower height : 30.22 m
Standard section : 450 x 900 mm
Angle 110/110/10 mm
8 Main cables
c/c₁ = 4000 mm ; c/c₂ = 566 mm

Date: August 2004

Drawing No.158