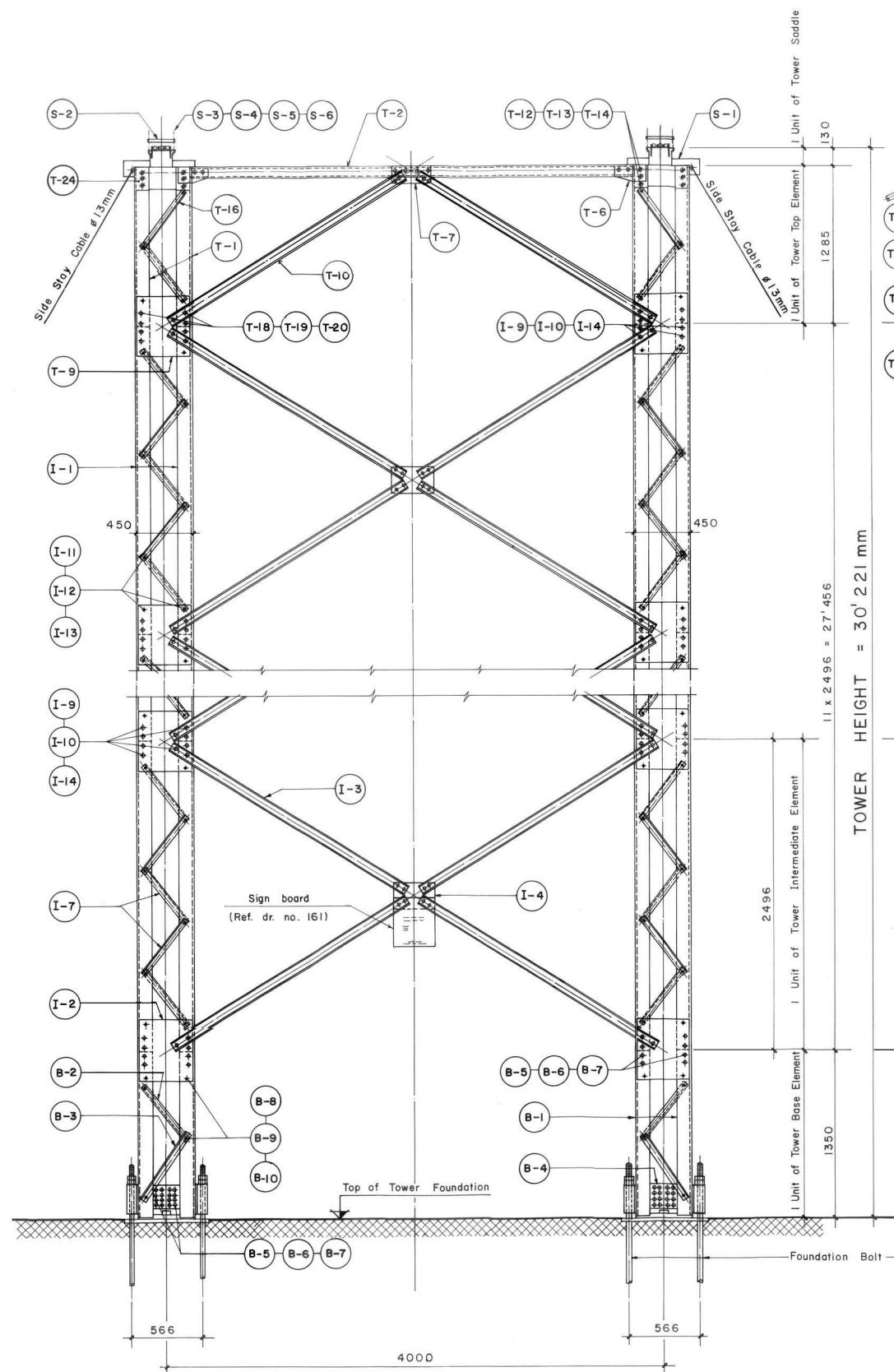
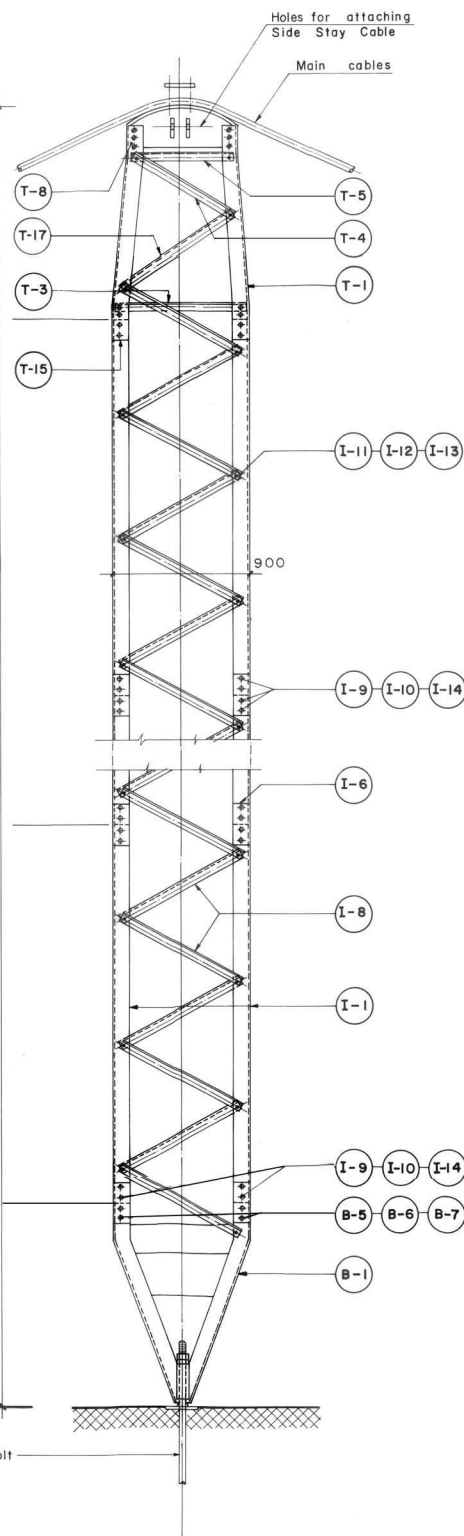


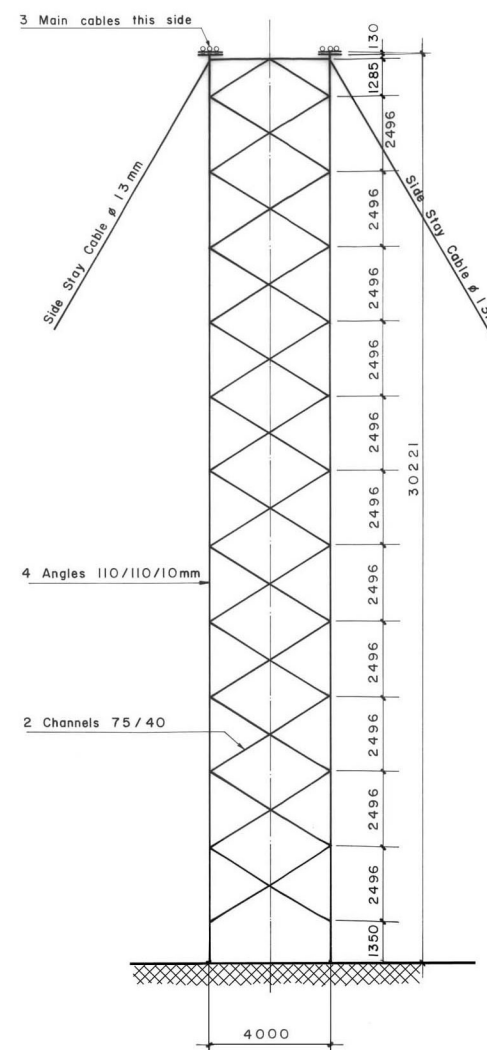
FRONT ELEVATION



SIDE ELEVATION



GENERAL ARRANGEMENT



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	9.92	9.92	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	137	1	177.56	177.56	3.26	3.26	173.21	173.21
Sign Board	161	1	1.75	1.75	—	—	—	—
Grand Total			10019.39 kg		308.38 m ²		9470.15 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.								547.46 kg.
Steel parts to be galvanized								10017.64 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:—
 Ø 16mm : 20 mkg; Ø 20mm : 40 mkg.

TOTAL TRANSPORTATION WEIGHT : 100019.39 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
 6 Main cables
 c/c₁ = 4000 mm ; c/c₂ = 566 mm

Date: August 2004

Drawing No.155