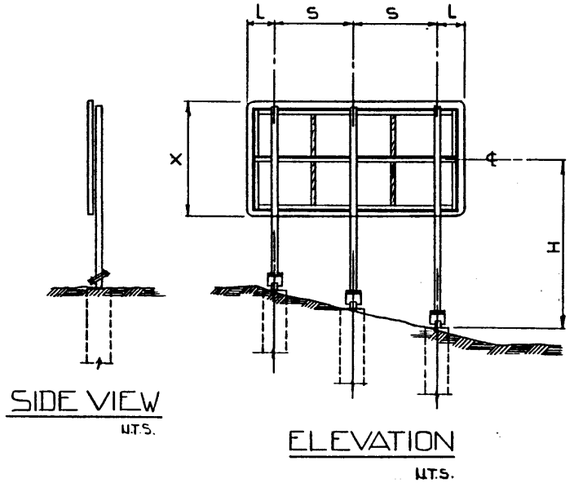
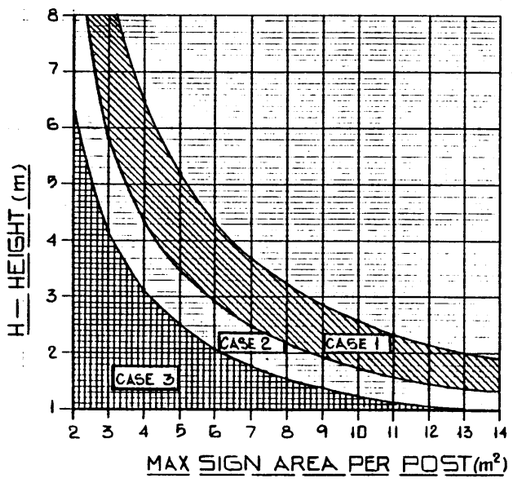
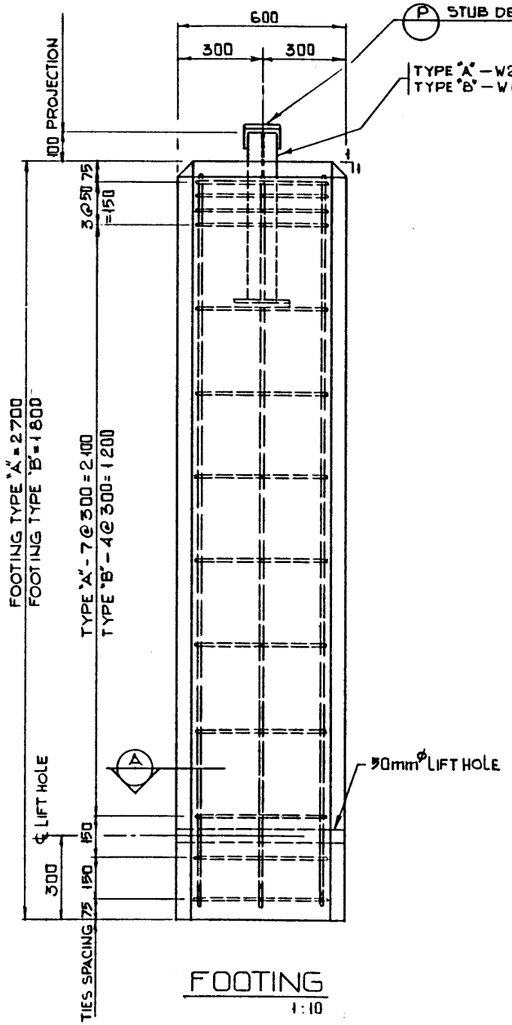




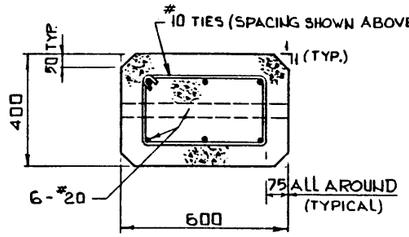
FOOTING SELECTION TABLE

AREA = X(S) INTERIOR FOOTING
AREA = X(L + S/2) EXTERIOR FOOTING

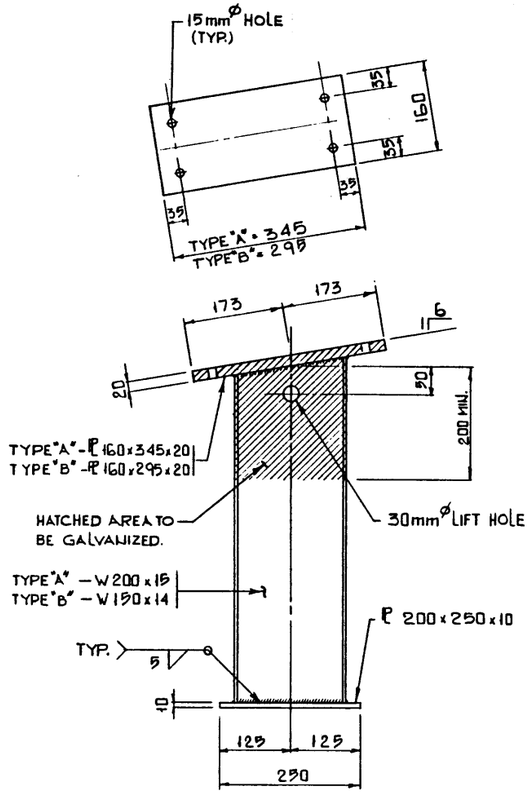
FOR CASE 1. USE FOOTING 'A' WITH STUB 'A'
FOR CASE 2. USE FOOTING 'A' WITH STUB 'B'
FOR CASE 3. USE FOOTING 'B' WITH STUB 'B'



FOOTING
1:10



A SECTION
1:10



P STUB DETAIL
1:5

GENERAL NOTES

DESIGN - C.S.A. CAN 3-S6-M78 SPECIFICATIONS
- ALL REQUIREMENTS OF THE BRIDGE BRANCH SPECIFICATION FOR THE SUPPLY OF STRUCTURAL STEEL (SPEC. NO. B187M-81-JUNE) SHALL BE MET.

WIND LOAD - NATIONAL BUILDING CODE, WIND GUST OF 128 km/h. (80 M.P.H.).

MATERIAL - ALL STEEL TO CONFORM TO THE REQUIREMENTS OF ASTM 36 OR G40.21-M81-300W
- ALL WELDING TO CONFORM TO CURRENT A.W.S. SPECIFICATION D1.1
- ALL GALVANIZING SHALL BE IN ACCORDANCE WITH ASTM A123 OR A153
- ALL CONCRETE TO BE CLASS 'B', F_c = 25 MPA
- ALL REINFORCING STEEL SHALL BE A MINIMUM OF 630.12M GRADE 300.

FOOTINGS SHOULD BE PLACED IN A 750 mm ø SHAFT FOR THEIR FULL DEPTH AND BACKFILLED WITH COLD MIX OR COMPACTED FILL. GRANULAR FILL TO BE COMPACTED TO 92% MAXIMUM DENSITY. NON-GRANULAR FILL TO BE COMPACTED TO 97% STANDARD PROCTOR.

WORK THIS DWG. IN CONJUNCTION WITH DWG. S970

NO	DATE	DESCRIPTION

REVISIONS

APPROVED
CHIEF BRIDGE ENGINEER
DATE

Alberta TRANSPORTATION BRIDGE AND STRUCTURAL ENGINEERING BRANCH — METRIC

BREAK AWAY SIGN POST SUPPORTS

DESIGNED	DRAWN BY	DATE	CHECKED BY	DATE	STREAM	LOCATION	HWY NO	SCALE	FILE NO	SHEET	DWG NO
R.WITTEN	T.S.	82-04-30								OF	S-1439