BRIEF SPECIFICATION.

1. GENERAL CONDITIONS OF CONTRACT.

- Shall be NZSS 623 "General Conditions of Contract for Building and Civil Engineering Construction." Maintenance period shall be 90 days after completion

2. PROTECTION OF PROPERTY.

Care shall be taken at all times to cause minimum damage to any trees or plants on or adjacent the site. All debris shall be kept clear of the stream and removed from the site. Existing access to N° 88 shall be kept clear at all times and builders vehicles etc. shall be kept on the roadside of the stream.

3. EXCAVATION & BACKFILLING.

Allow boxing space at abutments. Backfill with selected material and compact. Allow to undercut grassed areas sufficiently to place 150 mm compacted thickness of 40 mm down all in roading metal in driveways to grades shown.

4. CONCRETE.

Shall be high grade to NZSS 1900 Chapter 9:3A and strength shall be 20 Mpa at 28 days on standard cylinder standard cured. All materials and workmanship shall be to the same N.Z.S.S. No wire ties shall be used to hold boxing except outside of concrete. Boxing to exposed concrete faces shall be dressed timber or plywood. All concrete to be vibrated with spud type vibrator. All concrete to be cured for 10 days.

5. REINFORCING.

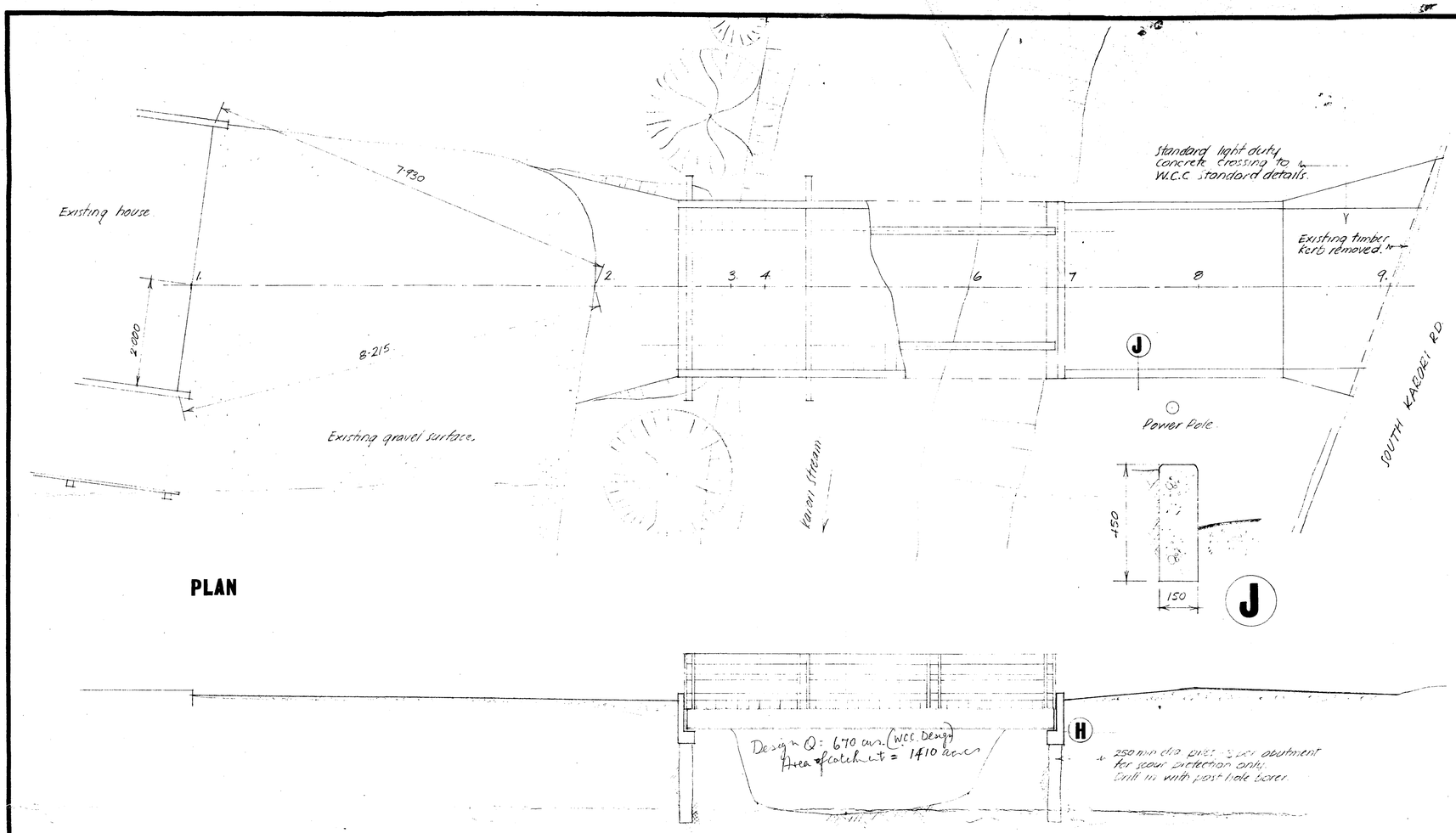
To N.Z.S.S 197. Workmanship to NZSS 1900 Chapter 9:3A. Tie reinforcing at each second intersection point with 4 g annealed black wire.

6. STRUCTURAL STEELWORK

Steel to N.Z.S.S 309. Welding to N.Z.S.S. 1646 (1961). Completed steelwork is to be cleaned by treatment in a "wheelabrator" and "Dimett" coated to manufacturers specifications. All nuts and bolts shall be hot dip galvanized. Holding down bolts shall be fitted with locknuts.

7. TIMBERWORK.

All timber shall be to NZSS 169 and shall be Pinus Radiata Structural Grade. All timber shall be rough sawn and tanalised to ground retention standard. All bolts spikes, nails and similar shall be galvanized. Allow to dress top edge only of upper handrail and to arriss corners. Deck is all to be in full lengths. longitudinal timbers to be scarf jointed.



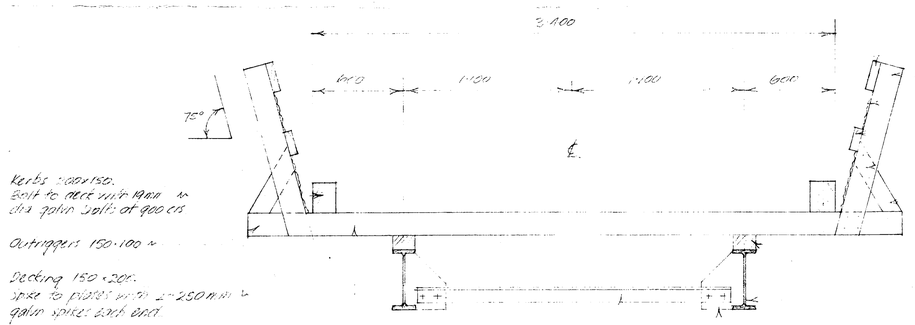
PLAN

PEG. N°	1. (Carport floor)	2	A	3.	4.	5	6	7	8	9
DISTANCE (M)	0·0	7·720	9·270	10·320	10·820		14·820	16·620	19·220	22·920
LEVEL (M)	100·105	99·720		99·935	99·635	97·670	98·055	100·050	100·220	100·185
FINISHED LEVEL	100·005	99·905		99·905				99·905	100·105	by V.I.C.C.

97·000

Scale 1/50. 1" = 4'2"

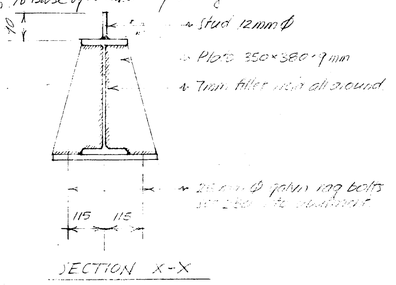
LONG SECTION

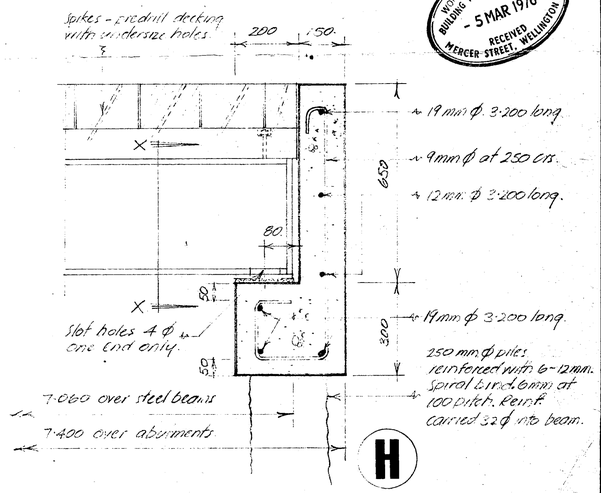


CROSS SECTION

Design Q = 670 cusecs to base of beams of bridge.
Channel Cap. = 620 cusecs
Design Q = 670 min. de-amplification of the bridge beams.

A 7400 / 6943 / 4.57 sq ft = 79.39 sq feet.
P 9·875 ft = 41.1'
R/P = 1·93
V = 7·75 ft/sec





WORKS DEPARTMENT BUILDING INSPECTION BRANCH
- 5 MAR 1976
RECEIVED
MERCER STREET, WELLINGTON

BRIDGE AT 88 SOUTH KAORI RD. FOR MR R. W. FARMER.

JOB No.	701.	SCALE	1:50, 1:20, 1:10.
DATE	FEB. '76	DESIGN	R.D.McL.
DRAWN	R.D.McL.	CHECKED	R.D.McL.
TRACED	D.L.B.	APPROVED	R.D.McLaren

McLAREN MAYCROFT & Co.
CONSULTING ENGINEERS
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