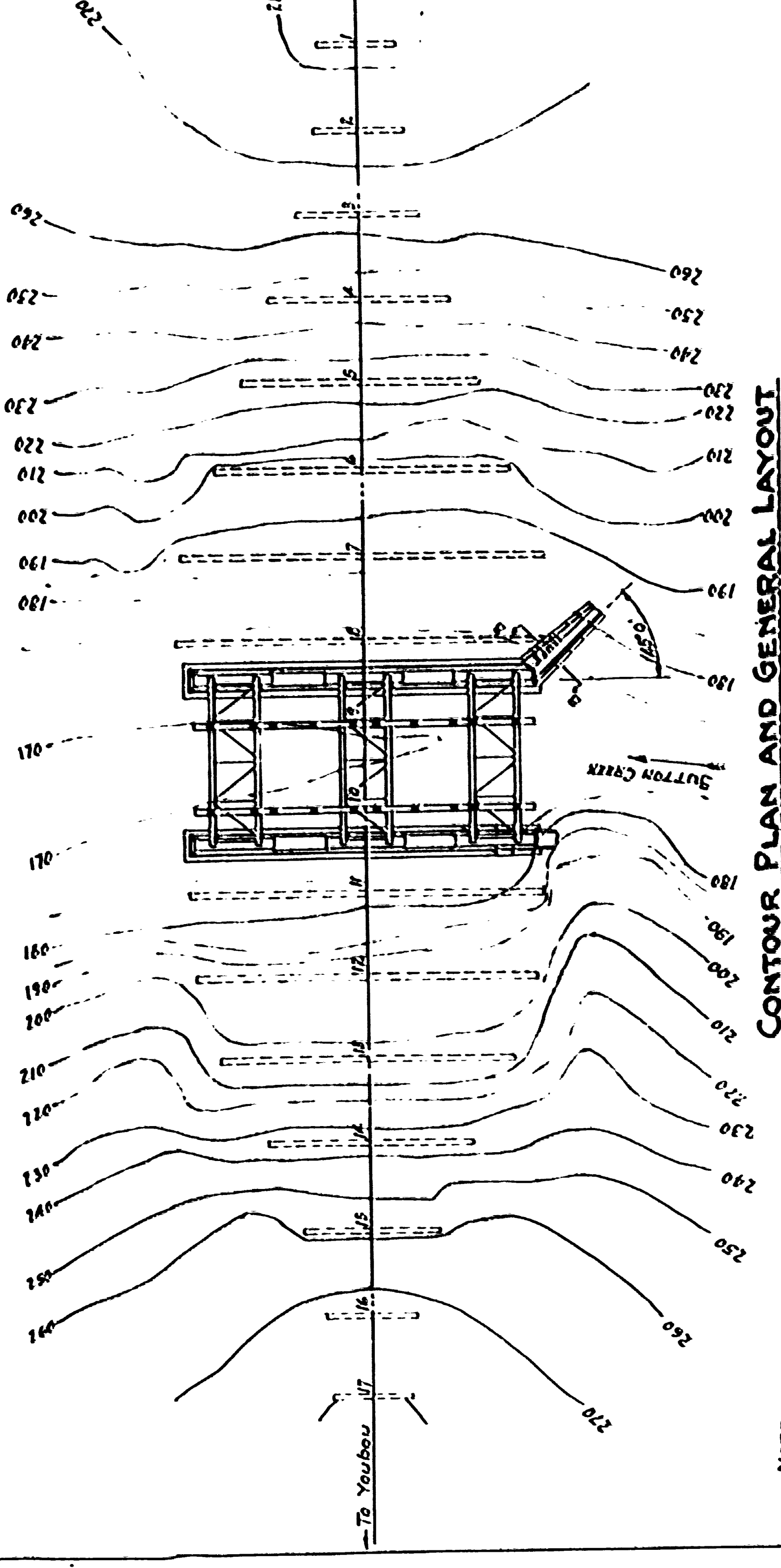
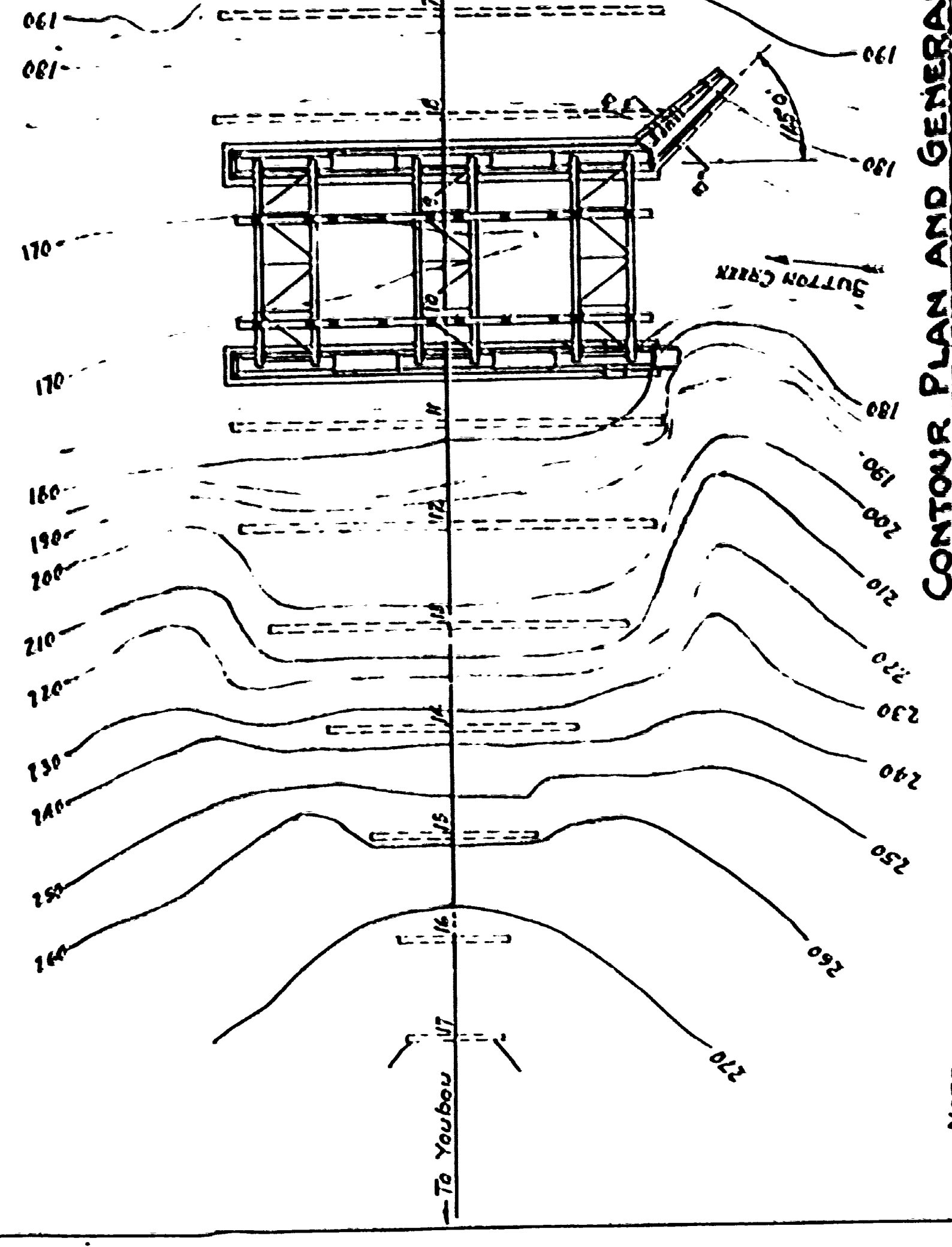


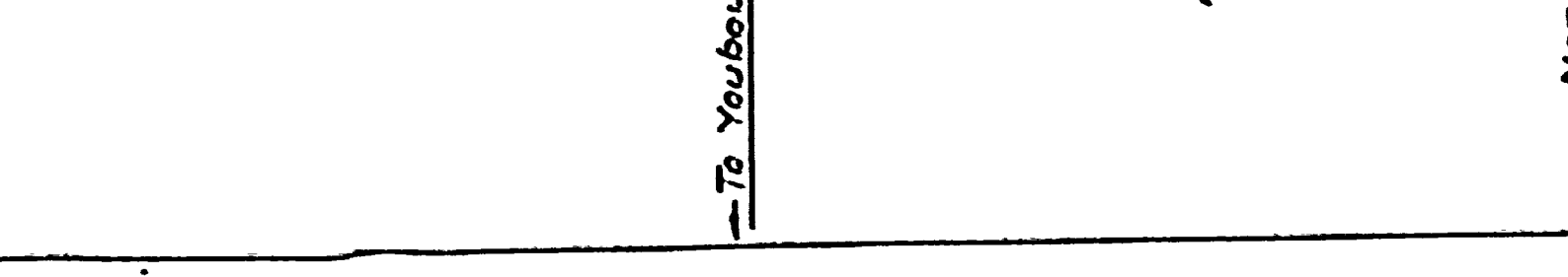
**SECTION A-A**



**SECTION B-B**



**SECTION X-X, PIER 2**



**Existing Structure Shown**  
Proposed Structure Shown

The location of piers as shown on plan are only tentative. The exact location is to be decided by the Engineer in charge of the site.

Bed rock consists of soft green stone which is covered with concrete footings should be put down at least three feet and filled without using forms below ground line.

No longitudinal bracing shown in bill of materials. Existing bracing to be used if timber in sound condition.

**Notes:**  
All holes bored in treated timber are to be created using an approved bar hole finishing tool.  
All cuts in treated timber are to be made in compact coats of hot creosote oil and then heavily swabbed with coal tar.  
Specification - Concrete S3M-71 (Class B).  
The 18" D.P.G. Spans were originally located at miles 113 and 114, Stoney Subdivision, K44-4 and located by I.J.H. on file 0-052-2 dated April 9, 1937.  
Details of existing trestle are as shown on Plan R-5560-1 dated Nov. 13, 1936, of Koksilah B.C. and signed by D.B. McMillan, Inspector, P. 1937, and shown on this footing plan. This work should be checked before work is commenced.

**DETAIL OF D.P.G. CONNECTIONS.**  
Dorr fitted bed plates on these spans before shipping them from Edmonton. He has not the correct measurements checked before cutting off posts. BOARD OF TRANSPORT COMMISSIONERS FOR CANADA  
Certified as a copy of the original duly sanctioned by order of the Board of Transport Commissioners for Canada  
Way Act 287  
on the 22 day of May 1937  
Order No. 37747  
Signature of Board of Transport Commissioners for Canada  
Approved  
Vice-President

**BILL OF MATERIAL**

12 Brocks	Untreated Timber	720-F.B.M.
40 Dowels	Iron	39
30 Screws	Belts	35
30	"	58
30	"	76
24 Anchor Bolts	3" Thread 1/2"	125
12 Stuffed Washers	1/2" Bolt 3"	54
2 Washers	for 1/2" Bolt	12
	2 Lbs. 3" wire nails	
	Total	476 Lbs.

20 Galls. No. 1 Grade Creosote Oil.  
150 Lbs. Refined Coal Tar.  
Material for 230 Cu. Yds. Concrete.

**SECTION B-B**  
**45' WING WALL**

45' wing wall to be built high enough so that water or drift does not spill over top, regardless of elevation shown.

All exposed corners are to have a 1/4 chamfer shown. All measurements shown are to the unreinforced solid corner.

4-1/2" groove in footing elevations are to be obtained by stepping footing.

**SECTION X-X, PIER 2**

Details of pier 1 are similar to those for pier 2, except there is a 45' wing wall at each end of pier and wing wall built as a separate section.

If elev. 162.0 for top of pier, between bridge seats, is considered too low and might cause trouble with drift, wood then this section of the pier is to be carried as high as considered necessary.

12" x 18" sill bolted to each girder with 1-1/2" dia. 20" screw bolt. 1/2" dia. hole to be drilled in top flange of girder. Sill splice 12" x 12" x 6 secured with 4-1/2" dia. 21" screw bolts.

12" x 18" sill  
20" x 12" D.P.G.  
25" x 12" D.P.G.  
Sole Pl. 12" x 12" x 17"  
Bed Pl. 12" x 12" x 17" (See Note Below)  
Anchor Bolts 1/2" dia. 15" long with 3/4" dia. washer. Exp. end nut to be centered to leave 8" clear under nut.  
ELEVATION  
12" x 18" Sill  
20" x 12" D.P.G.  
25" x 12" D.P.G.  
Sole Pl. 12" x 12" x 17"  
Bed Pl. 12" x 12" x 17"  
Anchor Bolts  
1/2" dia. 15" long with 3/4" dia. washer  
Exp. end nut to be centered to leave 8" clear under nut.

**D-5360-1**

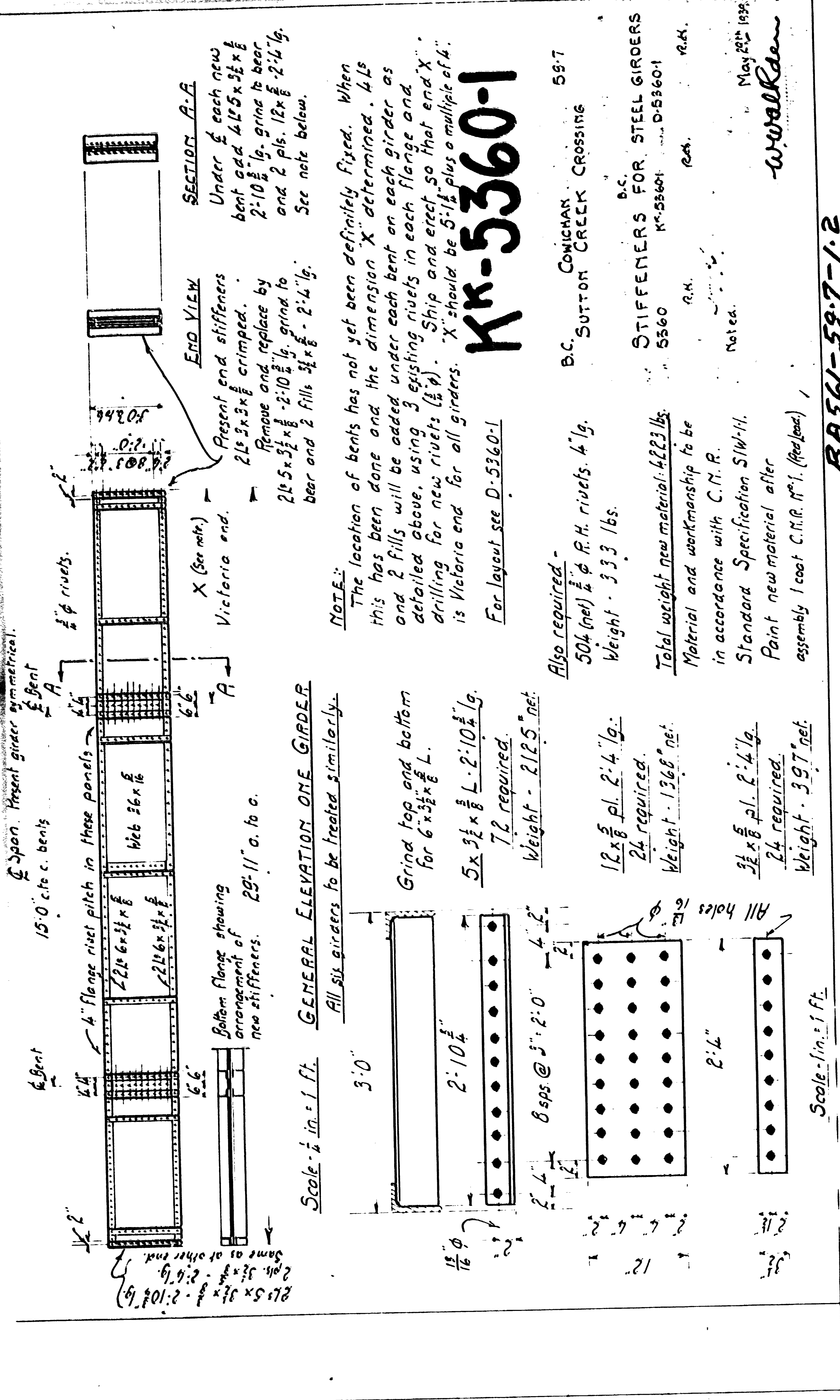
B.C. CONWICHAN  
SUTTON CREEK CROSSING  
597

B.C.  
SUTTON CREEK CROSSING  
597

of 28" D.P.G. Spans (Spans) to Carry Frame Beams.  
5840 D-5540-1  
A.M.P.

March 10 1937

BA561-597-1

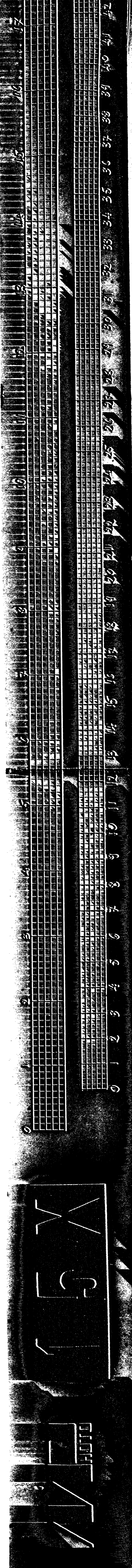


# KK-5360-1

Also required -  
 504 (net) 3/8" R.H. rivets. 4' lg.  
 Weight - 333 lbs.  
 Total weight new material - 4823 lbs.  
 Material and workmanship to be in accordance with C.M.R. Standard Specification SM-11. Paint new material after assembly (cost C.M.R. No. 1. (see below))

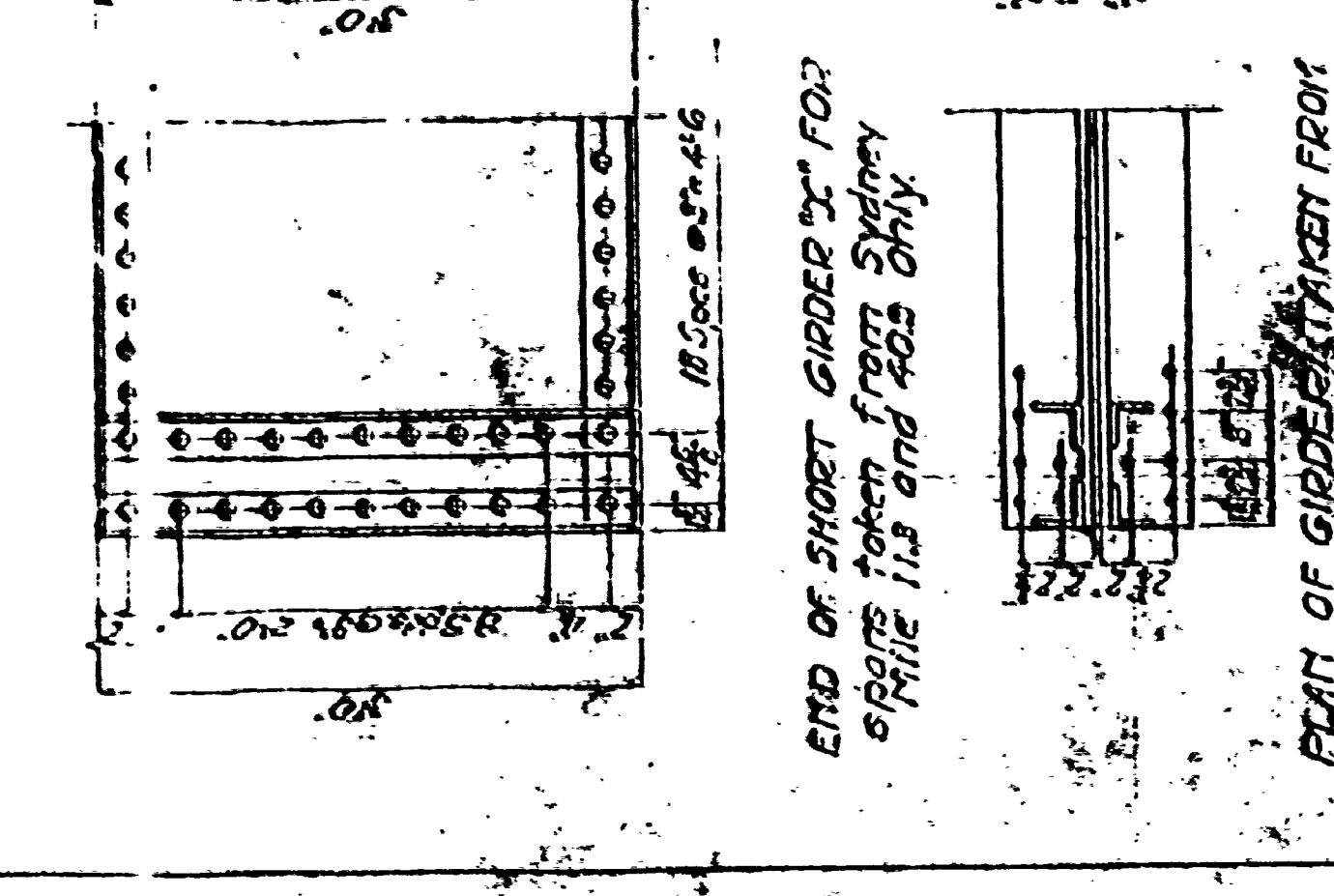
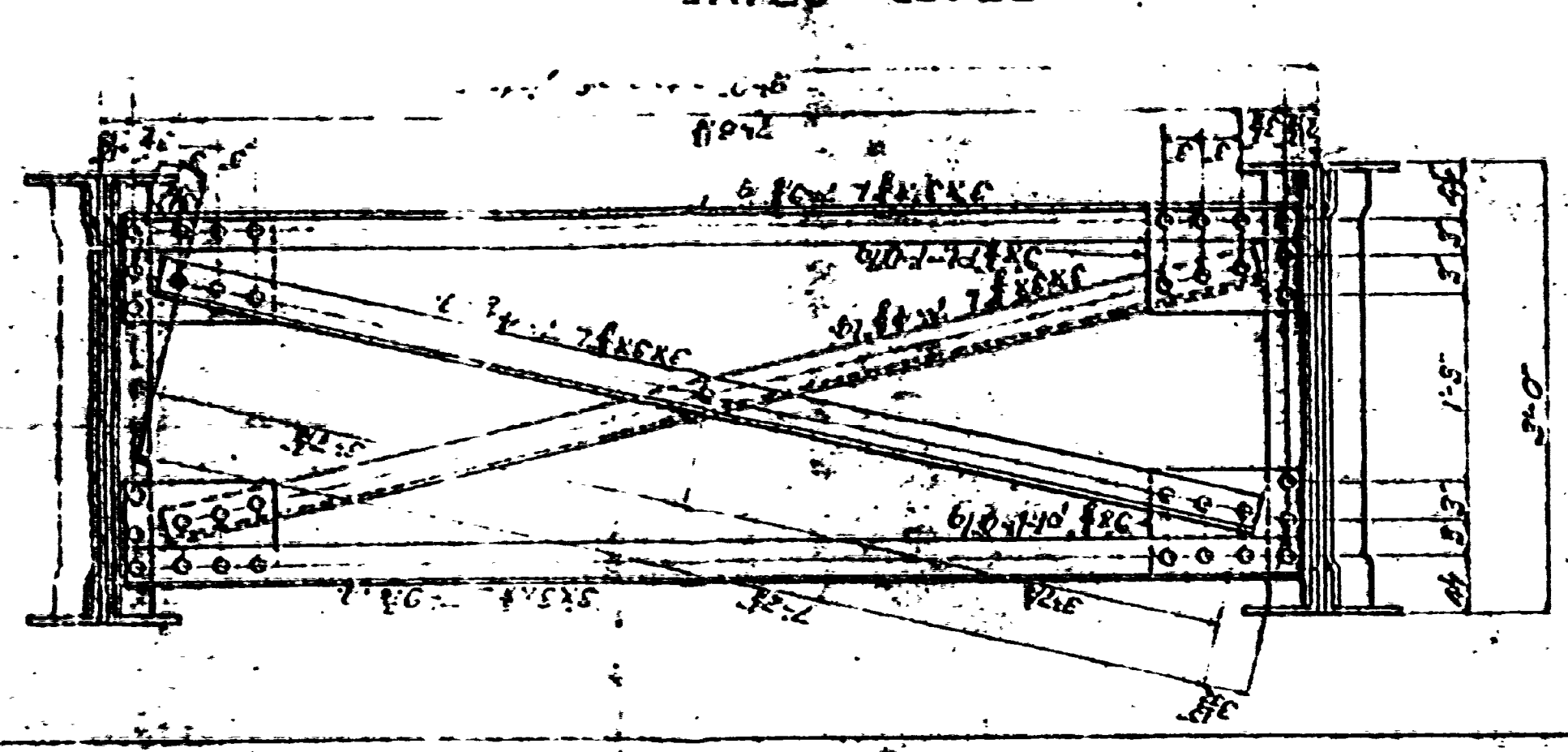
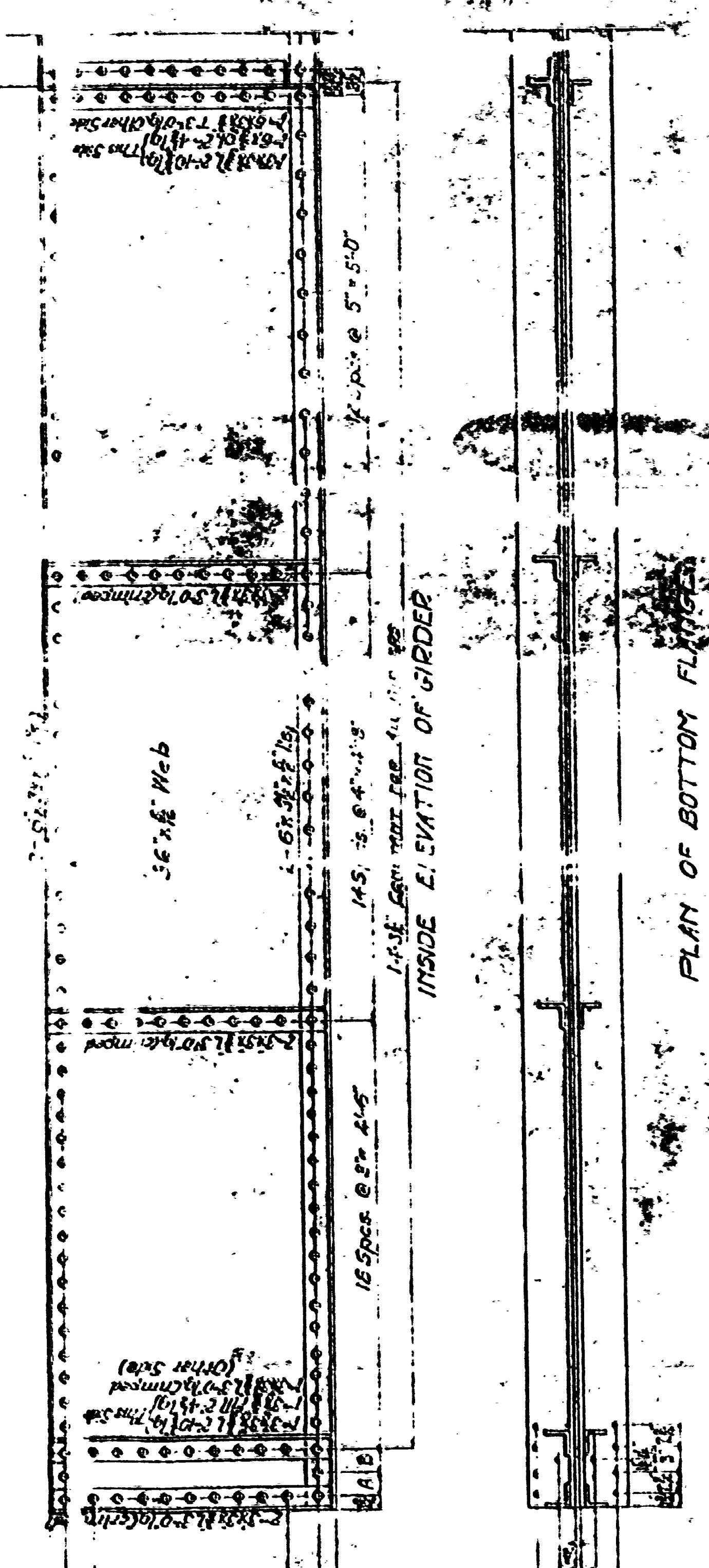
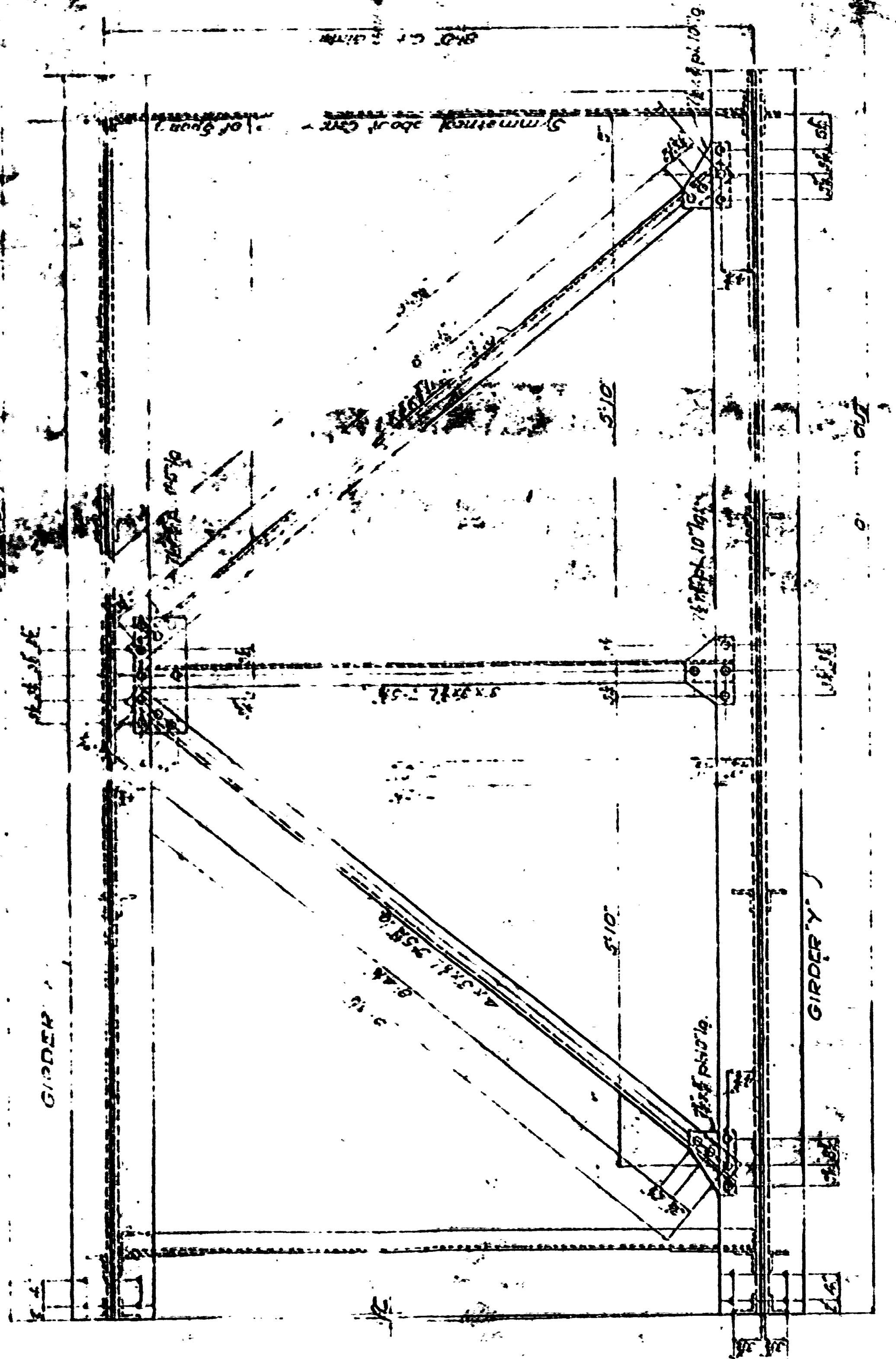
B.C. SUTTON CREEK CROSSING 597  
 STIFFENERS FOR STEEL GIRDERS  
 5360  
 K-5360-1  
 R.H.  
 Noted.  
 May 25th 1939  
 W. Walker

BR 561-597-1-2



**LIST OF SPANS**

NO.	SPAN	TYPE	DATE	APPROX. LENGTH
1	110	1	1917	150-152
2	110	1	1917	150-152
3	110	1	1917	150-152
4	110	1	1917	150-152
5	110	1	1917	150-152
6	110	1	1917	150-152
7	110	1	1917	150-152
8	110	1	1917	150-152
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99	110	1	1917	150-152
100	110	1	1917	150-152



K-660-A  
REV. 10-21-11

**CANADIAN GOVERNMENT RAILWAYS**  
EASTERN DIVISION  
**DETAILS OF 30-0 SPANS**  
FROM SYDNEY VIADUCTS

OFFICE OF CHIEF ENGINEER  
Sheet 1 of 2 Sheets

B-0-3-2  
BR561-597-13

