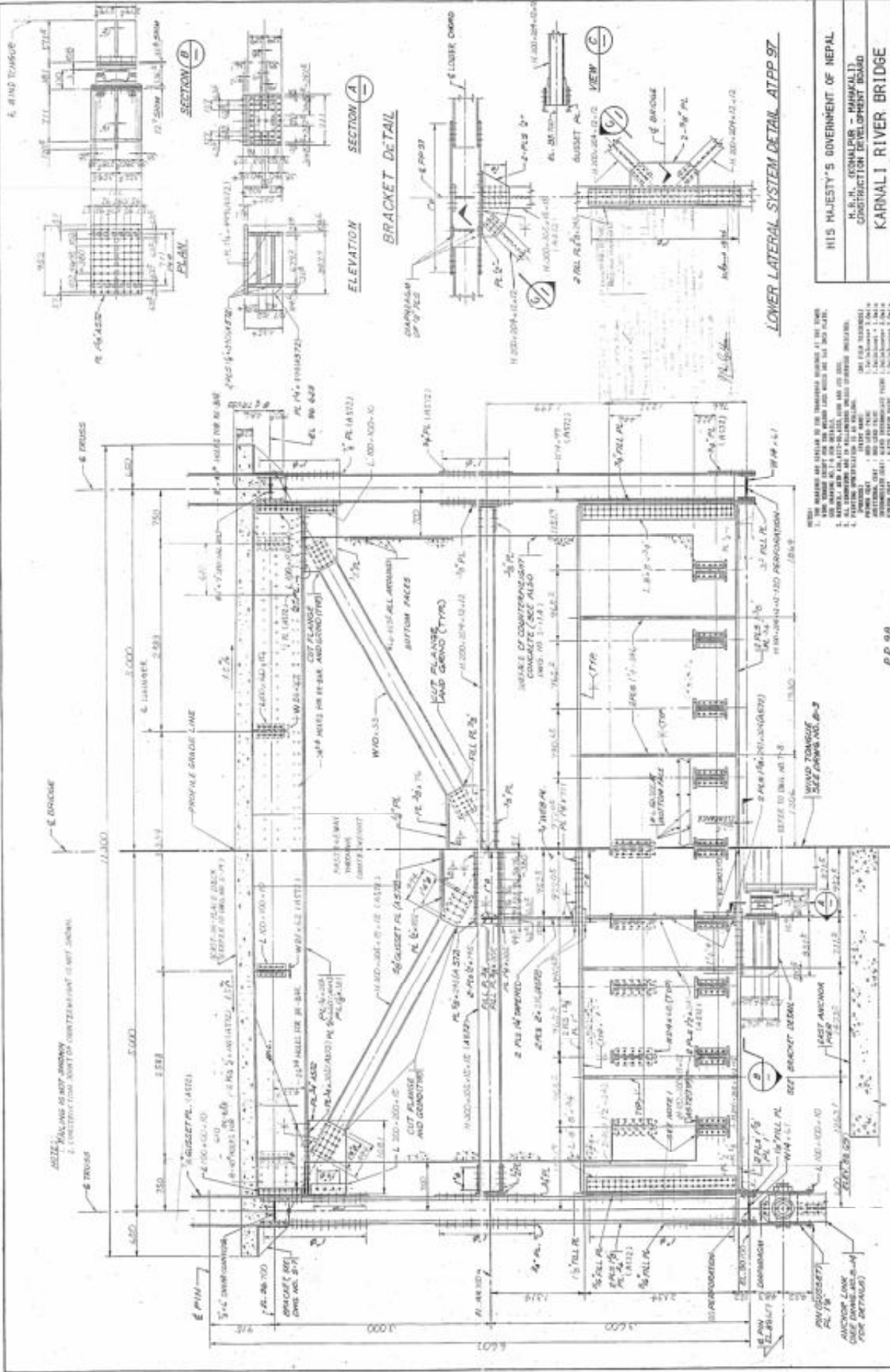




HIS MAJESTY'S GOVERNMENT OF NEPAL		STEINWAY BOYNTON GEORGIUS & BIRCHALL		SHEET NO.	
H. R. H. KARNALI RIVER BRIDGE		CONSTRUCTION DEVELOPMENT ROAD		DATE	
KARNALI RIVER BRIDGE		EAST ANCHOR TRUSS SECTIONS		SHEET NO.	
8-13		1-1-07 (1-24)		30	

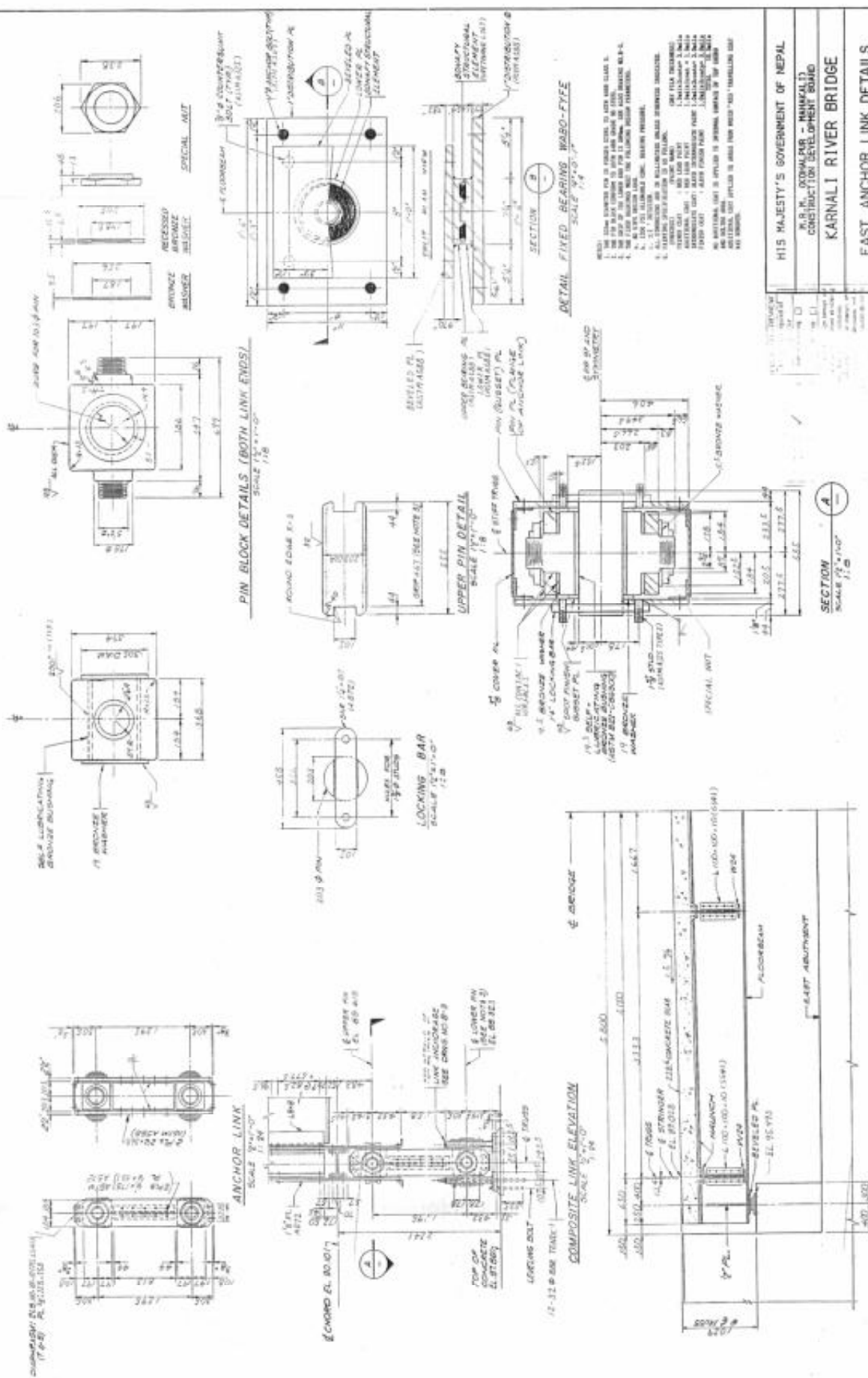
AS-BUILT DRAWING PREPARED BY
KARNALI RIVER BRIDGE, LTD.

SPLIT CROSS SECTION
(LOOKING WEST)

PP 97

PP 98

NOTES:
1. THE MATERIALS ARE SPECIFIED IN THE DRAWING. THE MATERIALS ARE TO BE USED AS SHOWN.
2. THE MATERIALS ARE TO BE USED AS SHOWN.
3. THE MATERIALS ARE TO BE USED AS SHOWN.
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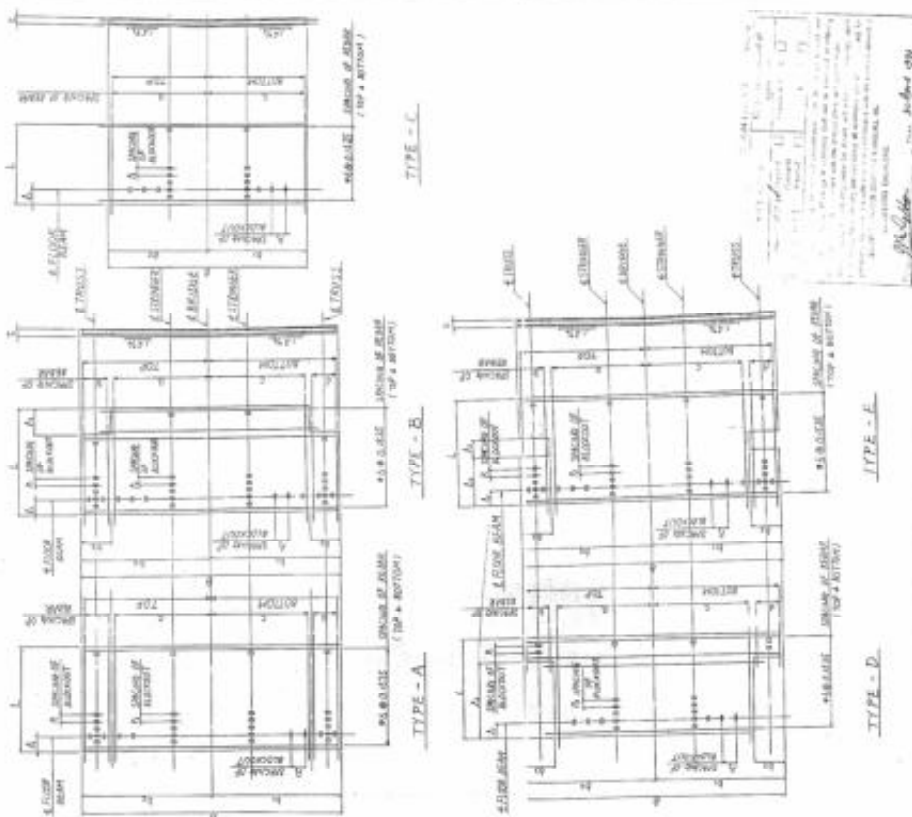
Design: G. S. B. 27-28.4
 Drawn: M. V. 27-28.4
 Project Engineer

AS-BUILT DRAWING PREPARED BY
 KARNALI RIVER BRIDGE
 EAST ANCHOR LINK DETAILS

10/10/1991

DATE	10/10/1991	SHEET NO.	31
SCALE	AS SHOWN	DATE	10/10/1991
DRAWING NO.	5-14	PROJECT	STEINMAN BONTON GROUNDWATER & BIRDSALL
			CONCRETE ENGINEERING, NEW YORK, N.Y.
			KARNALI RIVER BRIDGE
			EAST ANCHOR LINK DETAILS
			HIS MAJESTY'S GOVERNMENT OF NEPAL
			K. R. K. KARNALI
			CONSTRUCTION SUPERVISOR

- NOTES:
1. ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE SPECIFIED.
 2. THE BRIDGE SHALL BE CONSTRUCTED TO WITHSTAND A LIVE LOAD OF 100,000 LBS.
 3. THE BRIDGE SHALL BE CONSTRUCTED TO WITHSTAND A WIND LOAD OF 100 PSF.
 4. THE BRIDGE SHALL BE CONSTRUCTED TO WITHSTAND A SEISMIC LOAD OF 0.1g.
 5. THE BRIDGE SHALL BE CONSTRUCTED TO WITHSTAND A FLOOD LOAD OF 100 PSF.
 6. THE BRIDGE SHALL BE CONSTRUCTED TO WITHSTAND A COLLISION LOAD OF 100,000 LBS.
 7. THE BRIDGE SHALL BE CONSTRUCTED TO WITHSTAND A FIRE LOAD OF 100,000 BTU.
 8. THE BRIDGE SHALL BE CONSTRUCTED TO WITHSTAND A HAIL LOAD OF 100 PSF.
 9. THE BRIDGE SHALL BE CONSTRUCTED TO WITHSTAND A DEBRIS LOAD OF 100 PSF.
 10. THE BRIDGE SHALL BE CONSTRUCTED TO WITHSTAND A LOG LOAD OF 100,000 LBS.
 11. THE BRIDGE SHALL BE CONSTRUCTED TO WITHSTAND A ICE LOAD OF 100 PSF.
 12. THE BRIDGE SHALL BE CONSTRUCTED TO WITHSTAND A SNOW LOAD OF 100 PSF.
 13. THE BRIDGE SHALL BE CONSTRUCTED TO WITHSTAND A WIND LOAD OF 100 PSF.
 14. THE BRIDGE SHALL BE CONSTRUCTED TO WITHSTAND A SEISMIC LOAD OF 0.1g.
 15. THE BRIDGE SHALL BE CONSTRUCTED TO WITHSTAND A FLOOD LOAD OF 100 PSF.
 16. THE BRIDGE SHALL BE CONSTRUCTED TO WITHSTAND A COLLISION LOAD OF 100,000 LBS.
 17. THE BRIDGE SHALL BE CONSTRUCTED TO WITHSTAND A FIRE LOAD OF 100,000 BTU.
 18. THE BRIDGE SHALL BE CONSTRUCTED TO WITHSTAND A HAIL LOAD OF 100 PSF.
 19. THE BRIDGE SHALL BE CONSTRUCTED TO WITHSTAND A DEBRIS LOAD OF 100 PSF.
 20. THE BRIDGE SHALL BE CONSTRUCTED TO WITHSTAND A LOG LOAD OF 100,000 LBS.
 21. THE BRIDGE SHALL BE CONSTRUCTED TO WITHSTAND A ICE LOAD OF 100 PSF.
 22. THE BRIDGE SHALL BE CONSTRUCTED TO WITHSTAND A SNOW LOAD OF 100 PSF.



R/C	S/S	Proprietary, % ¹				Min. Cuts Min. % ²
		Stellery Portland Cement	Flow Adaptation	Coarse Aggregate (3/16)	Min. Cuts Min. % ²	
30	30	445	125	210	140	1,760
30	30	445	125	210	140	1,760

AS-BUILT DRAWING PREPARED BY
KAWASAKI HEAVY INDUSTRIES, LTD.

1. ALL CONDITIONS ARE IN PETERS BOARD STANDARD DESIGNATION.
2. SWITCH ON PANEL NO. 1 REFER TO DMC. NO. 8-2A
3. ADDITIONAL DETAILS - SEE DMC. NO. 8-27A
4. DETAIL OF GATE-PLATE USED - REFER TO DMC. NO. 8-18
5. SEE DMC. NO. 8-19

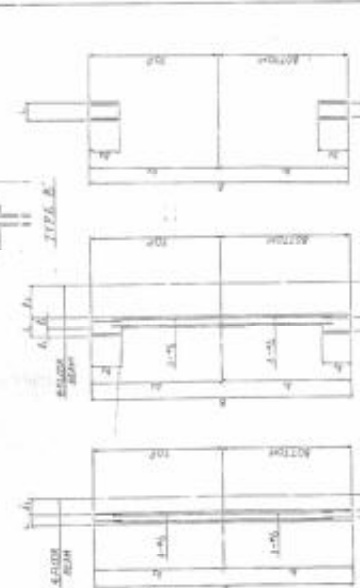
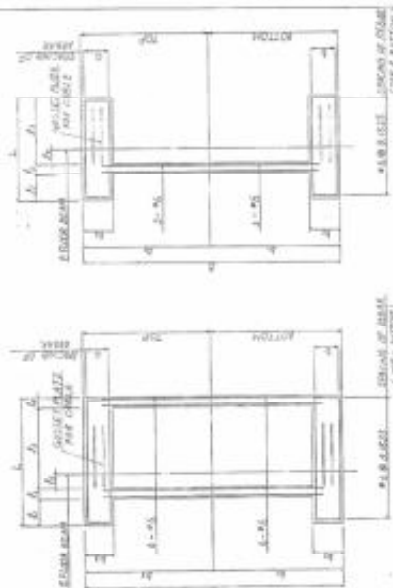
HIS MAJESTY'S GOVERNMENT OF NEPAL
M. R. M. KOSHPUR - MANICALLI
CONSTRUCTION DEVELOPMENT BOARD
KARNALI RIVER BRIDGE

CONCRETE DECK - I

—DETAIL OF PRECAST DECK SLAB—
STEINMAN BOYNTON GRONQVIST & BIRSGALL

DRAWING NO.	SCALE	DATE	SHEET NO.
5-17	1/4" = 1'-0"	APRIL 1968	34

1000-0000

[illegible][illegible]

EC	2% SBR Epoxy resin	Fracture toughness (kN m ^{3/2})				Average load (kN)
		100% Epoxy resin	Resin matrix	Fibre matrix	Carbon matrix (100%)	
30	0	0.25	0.25	12.4	200	90.9
30	30	0.3	0.3	10	200	100

HIS MAJESTY'S GOVERNMENT OF NEPAL
P. R. N. OGDHALPUR - KARNALI
CONSTRUCTION DEVELOPMENT BOARD
KARNALI RIVER BRIDGE

CONCRETE DECK - II
- DETAIL ON CAST-IN-PLACE DECK -

DR. NO.	SCALE	DATE	SHEET NO.
FEINMAN BOYNTON GRONQUIST & BIRCHALL CONSULTING ENGINEERS, NEW YORK, N.Y.			

18	None	APRIL 1963	25
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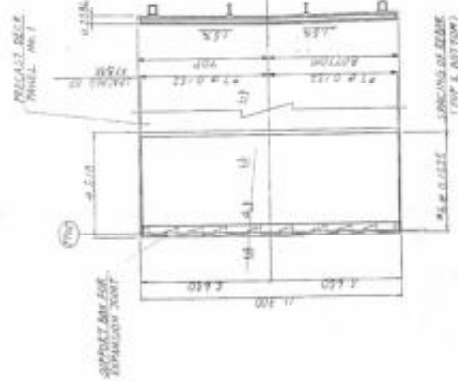
RECEIVED BY
1 MAR 1978 12 25 1 TH

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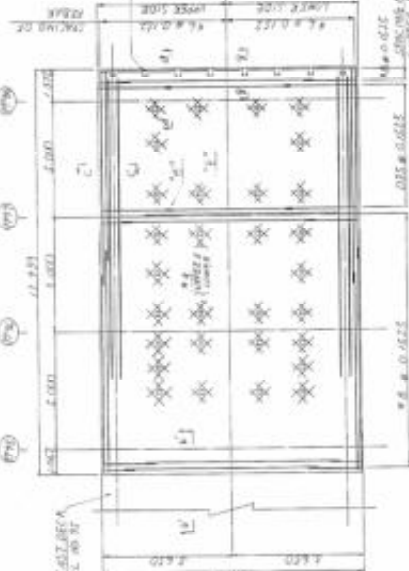
[illegible]

AS-BUILT DRAWING 17110-SV

Source: Author's calculations based on data from the 2000 Census of the United States.



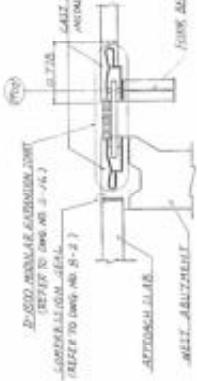
DETAIL "90"



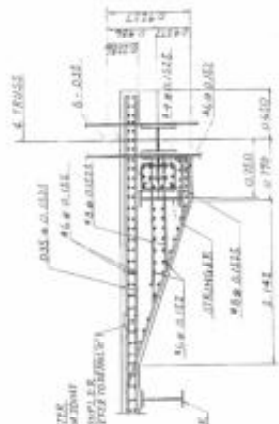
DETAIL "78"



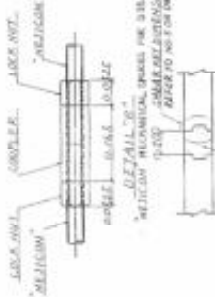
DETAIL "97"



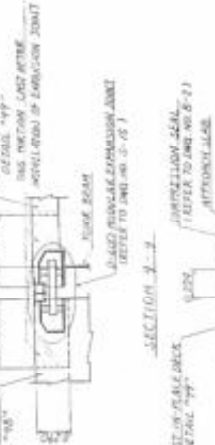
SECTION B-B



SECTION C-C



DETAIL "77"



SECTION A-A

SECTION B-B

SECTION C-C

SECTION D-D

SECTION E-E

SECTION F-F

SECTION G-G

SECTION H-H

SECTION I-I

- NOTES
1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE INDICATED.
 2. REINFORCEMENT IS TO BE PLACED AS SHOWN IN THE DETAILS.
 3. REINFORCEMENT IS TO BE PLACED AS SHOWN IN THE DETAILS.
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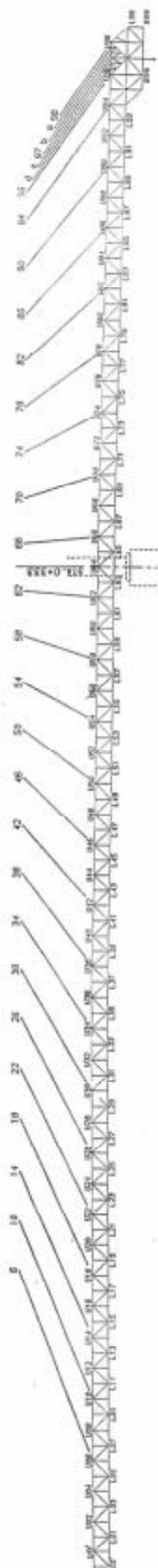
- NOTES
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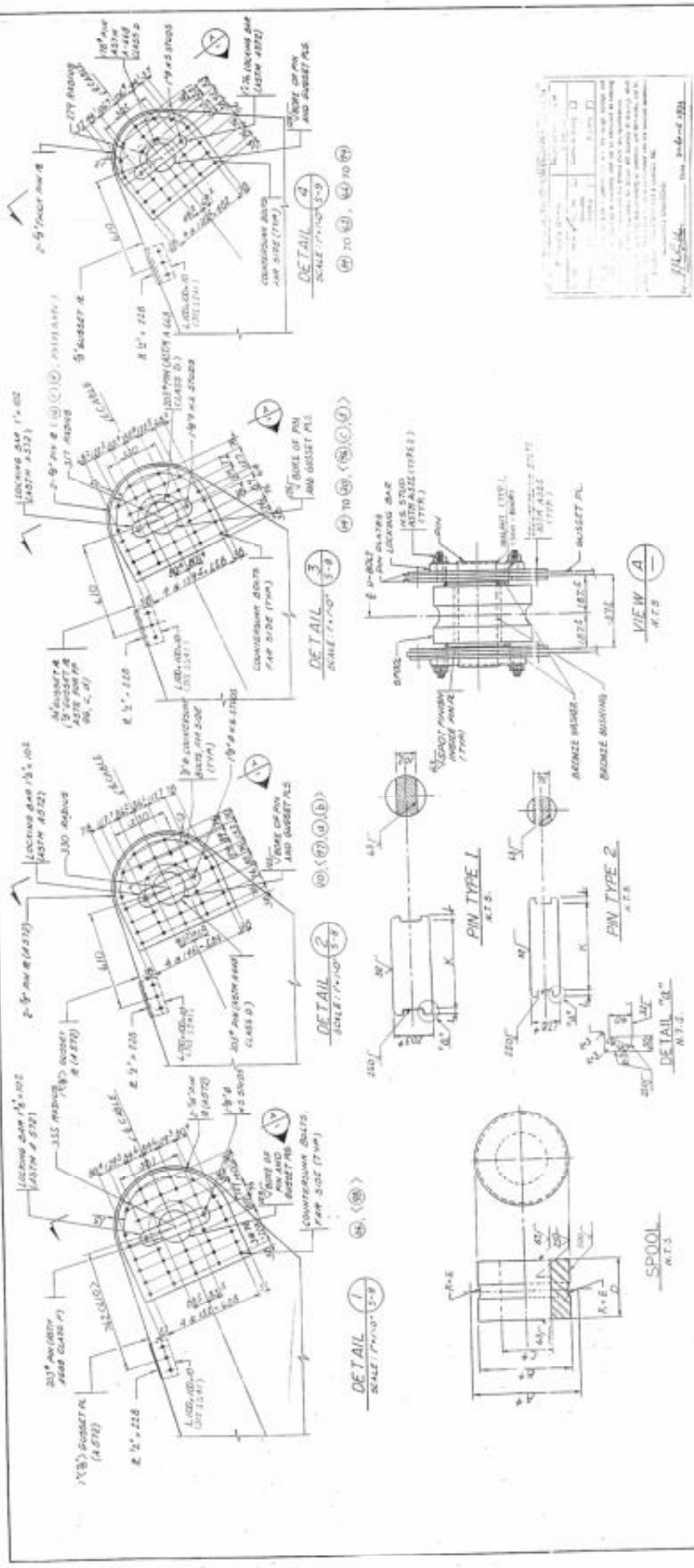
- NOTES
1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE INDICATED.
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AS-BUILT PREPARED BY
KARNALI RIVER INDUSTRIES, LTD.

HIS MAJESTY'S GOVERNMENT OF NEPAL	DATE	APRIL 1985	SHEET NO.	24
KARNALI RIVER BRIDGE	SCALE	1:100	NO.	24
CONCRETE DECK - III	NO.	24	NO.	24
STEINMAN ENGINEERING & ARCHITECTS	NO.	24	NO.	24
CONSTRUCTION CONSULTANTS	NO.	24	NO.	24



CABLE	D				L				W				E				S				Q				R				T				U				V				W				X				Y				Z				AA				AB				AC				AD				AE				AF				AG				AH				AI				AJ				AK				AL				AM				AN				AO				AP				AQ				AR				AS				AT				AU				AV				AW				AX				AY				AZ				BA				BB				BC				BD				BE				BF				BG				BH				BI				BJ				BK				BL				BM				BN				BO				BP				BQ				BR				BS				BT				BU				BV				BW				BX				BY				BZ				CA				CB				CC				CD				CE				CF				CG				CH				CI				CJ				CK				CL				CM				CN				CO				CP				CQ				CR				CS				CT				CU				CV				CW				CX				CY				CZ				DA				DB				DC				DD				DE				DF				DG				DH				DI				DJ				DK				DL				DM				DN				DO				DP				DQ				DR				DS				DT				DU				DV				DW				DX				DY				DZ				EA				EB				EC				ED				EE				EF				EG				EH				EI				EJ				EK				EL				EM				EN				EO				EP				EQ				ER				ES				ET				EU				EV				EW				EX				EY				EZ				FA				FB				FC				FD				FE				FF				FG				FH				FI				FJ				FK				FL				FM				FN				FO				FP				FQ				FR				FS				FT				FU				FV				FW				FX				FY				FZ				GA				GB				GC				GD				GE				GF				GG				GH				GI				GJ				GK				GL				GM				GN				GO				GP				GQ				GR				GS				GT				GU				GV				GW				GX				GY				GZ				HA				HB				HC				HD				HE				HF				HG				HH				HI				HJ				HK				HL				HM				HN				HO				HP				HQ				HR				HS				HT				HU				HV				HW				HX				HY				HZ				IA				IB				IC				ID				IE				IF				IG				IH				II				IJ				IK				IL				IM				IN				IO				IP				IQ				IR				IS				IT				IU				IV				IW				IX				IY				IZ				JA				JB				JC				JD				JE				JF				JG				JH				JI				JJ				JK				JL				JM				JN				JO				JP				JQ				JR				JS				JT				JU				JV				JW				JX				JY				JZ				KA				KB				KC				KD				KE				KF				KG				KH				KI				KJ				KL				KM				KN				KO				KP				KQ				KR				KS				KT				KU				KV				KW				KX				KY				KZ				LA				LB				LC				LD				LE				LF				LG				LH				LI				LJ				LK				LM				LN				LO				LP				LQ				LR				LS				LT				LU				LV				LW				LX				LY				LZ				MA				MB				MC				MD				ME				MF				MG				MH				MI				MJ				MK				ML				MN				MO				MP				MQ				MR				MS				MT				MU				MV				MW				MX				MY				MZ				NA				NB				NC				ND				NE				NF				NG				NH				NI				NJ				NK				NL				NM				NN				NO				NP				NQ				NR				NS				NT				NU				NV				NW				NX				NY				NZ				OA				OB				OC				OD				OE				OF				OG				OH				OI				OJ				OK				OL				OM				ON				OO				OP				OQ				OR				OS				OT				OU				OV				OW				OX				OY				OZ				PA				PB				PC				PD				PE				PF				PG				PH				PI				PJ				PK				PL				PM				PN				PO				PP				PQ				PR				PS				PT				PU				PV				PW				PX				PY				PZ				QA				QB				QC				QD				QE				QF				QG				QH				QI				QJ				QK				QL				QM				QN				QO				QP				QQ				QR				QS				QT				QU				QV				QW				QX				QY				QZ				RA				RB				RC				RD				RE				RF				RG				RH				RI				RJ				RK				RL				RM				RN				RO				RP				RQ				RR				RS				RT				RU				RV				RW				RX				RY				RZ				SA				SB				SC				SD				SE				SF				SG				SH				SI				SJ				SK				SL				SM				SN				SO				SP				SQ				SR				SS				ST				SU				SV				SW				SX				SY				SZ				TA				TB				TC				TD				TE				TF				TG				TH				TI				TJ				TK				TL				TM				TN				TO				TP				TQ				TR				TS				TT				TU				TV				TW				TX				TY				TZ				UA				UB				UC				UD				UE				UF				UG				UH				UI				UJ				UK				UL				UM				UN				UO				UP				UQ				UR				US				UT				UU				UV				UW				UX				UY				UZ				VA				VB				VC				VD				VE				VF				VG				VH				VI				VJ				VK				VL				VM				VN				VO				VP				VQ				VR				VS				VT				VU				VV				VW				VX				VY				VZ				WA				WB				WC				WD				WE				WF				WG				WH				WI				WJ				WK				WL				WM				WN				WO				WP				WQ				WR				WS				WT				WU				WV				WW				WX				WY				WZ				XA				XB				XC				XD				XE				XF				XG				XH				XI				XJ				XK				XL				XM				XN				XO				XP				XQ				XR				XS				XT				XU				XV				XW				XX				XY				XZ				YA				YB				YC				YD				YE				YF				YG				YH				YI				YJ				YK				YL				YM				YN				YO				YP				YQ				YR				YS				YT				YU				YV				YW				YX				YY				YZ				ZA				ZB				ZC				ZD				ZE				ZF				ZG				ZH				ZI				ZJ				ZK				ZL				ZM				ZN				ZO				ZP				ZQ				ZR				ZS				ZT				ZU				ZV				ZW				ZX				ZY				ZZ			
	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

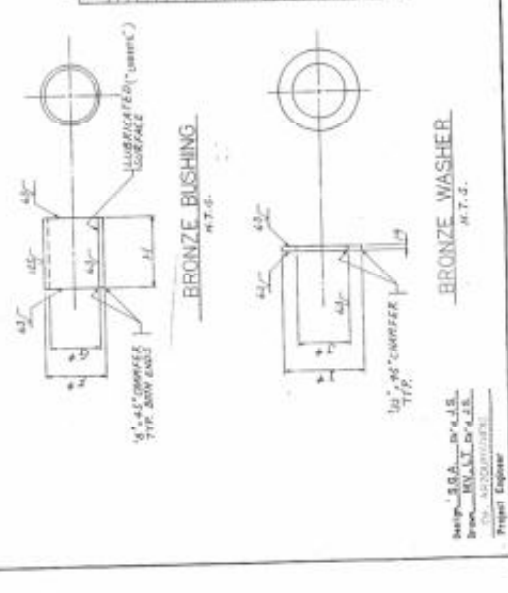


AS-BUILT DRAWING PREPARED BY
KANAZAKI HEAVY INDUSTRIES, LTD.

NOTE: ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.
1. THE DIMENSIONAL CABLE CONNECTION DETAILS AT TRUSS.
2. THE DIMENSIONAL CABLE CONNECTION DETAILS AT TRUSS.
3. THE DIMENSIONAL CABLE CONNECTION DETAILS AT TRUSS.
4. THE DIMENSIONAL CABLE CONNECTION DETAILS AT TRUSS.

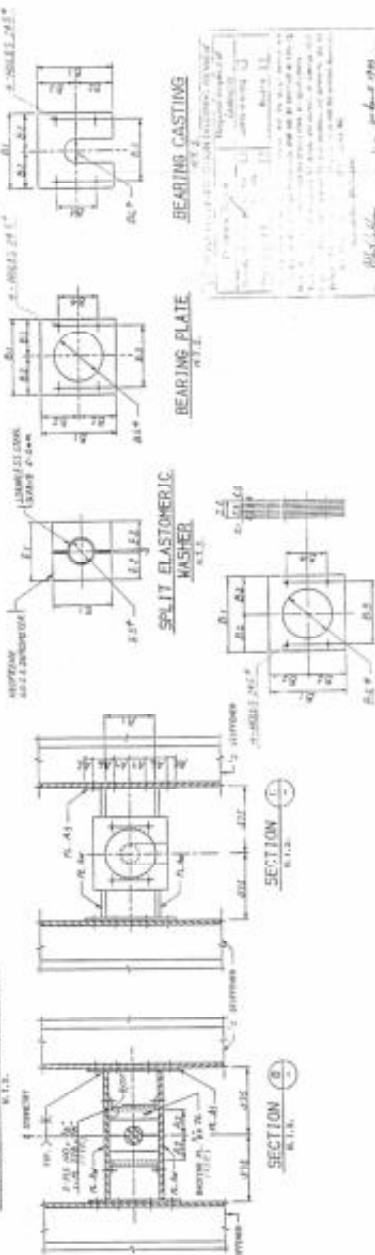
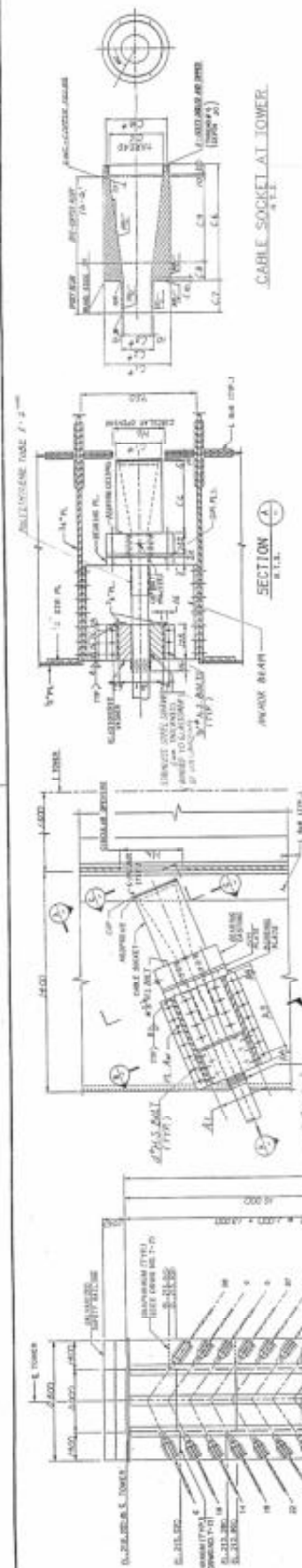
TABLE: SPECIAL MATERIALS, BASED ON THE DIMENSIONS

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	REMARKS
1	STEEL PLATE	100	kg	
2	STEEL PLATE	100	kg	
3	STEEL PLATE	100	kg	
4	STEEL PLATE	100	kg	
5	STEEL PLATE	100	kg	
6	STEEL PLATE	100	kg	
7	STEEL PLATE	100	kg	
8	STEEL PLATE	100	kg	
9	STEEL PLATE	100	kg	
10	STEEL PLATE	100	kg	
11	STEEL PLATE	100	kg	
12	STEEL PLATE	100	kg	
13	STEEL PLATE	100	kg	
14	STEEL PLATE	100	kg	
15	STEEL PLATE	100	kg	
16	STEEL PLATE	100	kg	
17	STEEL PLATE	100	kg	
18	STEEL PLATE	100	kg	
19	STEEL PLATE	100	kg	
20	STEEL PLATE	100	kg	
21	STEEL PLATE	100	kg	
22	STEEL PLATE	100	kg	
23	STEEL PLATE	100	kg	
24	STEEL PLATE	100	kg	
25	STEEL PLATE	100	kg	
26	STEEL PLATE	100	kg	
27	STEEL PLATE	100	kg	
28	STEEL PLATE	100	kg	
29	STEEL PLATE	100	kg	
30	STEEL PLATE	100	kg	
31	STEEL PLATE	100	kg	
32	STEEL PLATE	100	kg	
33	STEEL PLATE	100	kg	
34	STEEL PLATE	100	kg	
35	STEEL PLATE	100	kg	
36	STEEL PLATE	100	kg	
37	STEEL PLATE	100	kg	
38	STEEL PLATE	100	kg	
39	STEEL PLATE	100	kg	
40	STEEL PLATE	100	kg	
41	STEEL PLATE	100	kg	
42	STEEL PLATE	100	kg	
43	STEEL PLATE	100	kg	
44	STEEL PLATE	100	kg	
45	STEEL PLATE	100	kg	
46	STEEL PLATE	100	kg	
47	STEEL PLATE	100	kg	
48	STEEL PLATE	100	kg	
49	STEEL PLATE	100	kg	
50	STEEL PLATE	100	kg	
51	STEEL PLATE	100	kg	
52	STEEL PLATE	100	kg	
53	STEEL PLATE	100	kg	
54	STEEL PLATE	100	kg	
55	STEEL PLATE	100	kg	
56	STEEL PLATE	100	kg	
57	STEEL PLATE	100	kg	
58	STEEL PLATE	100	kg	
59	STEEL PLATE	100	kg	
60	STEEL PLATE	100	kg	
61	STEEL PLATE	100	kg	
62	STEEL PLATE	100	kg	
63	STEEL PLATE	100	kg	
64	STEEL PLATE	100	kg	
65	STEEL PLATE	100	kg	
66	STEEL PLATE	100	kg	
67	STEEL PLATE	100	kg	
68	STEEL PLATE	100	kg	
69	STEEL PLATE	100	kg	
70	STEEL PLATE	100	kg	
71	STEEL PLATE	100	kg	
72	STEEL PLATE	100	kg	
73	STEEL PLATE	100	kg	
74	STEEL PLATE	100	kg	
75	STEEL PLATE	100	kg	
76	STEEL PLATE	100	kg	
77	STEEL PLATE	100	kg	
78	STEEL PLATE	100	kg	
79	STEEL PLATE	100	kg	
80	STEEL PLATE	100	kg	
81	STEEL PLATE	100	kg	
82	STEEL PLATE	100	kg	
83	STEEL PLATE	100	kg	
84	STEEL PLATE	100	kg	
85	STEEL PLATE	100	kg	
86	STEEL PLATE	100	kg	
87	STEEL PLATE	100	kg	
88	STEEL PLATE	100	kg	
89	STEEL PLATE	100	kg	
90	STEEL PLATE	100	kg	
91	STEEL PLATE	100	kg	
92	STEEL PLATE	100	kg	
93	STEEL PLATE	100	kg	
94	STEEL PLATE	100	kg	
95	STEEL PLATE	100	kg	
96	STEEL PLATE	100	kg	
97	STEEL PLATE	100	kg	
98	STEEL PLATE	100	kg	
99	STEEL PLATE	100	kg	
100	STEEL PLATE	100	kg	

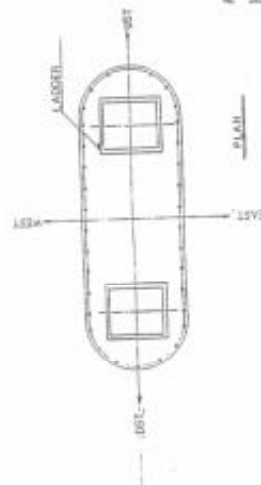


HIS MAJESTY'S GOVERNMENT OF NEPAL
R.R.R. KATHMANDU - KATHMANDU
CONSTRUCTION DEVELOPMENT BOARD
KARNALI RIVER BRIDGE
CABLE CONNECTION DETAILS AT TRUSS
STEINMAN BOYNTON GRONQUIST & BERGALL
CONSULTING ENGINEERS, KATHMANDU, N.P.
DRAWING NO. C-2
AS SHOWN
APRIL 1995
SHEET NO. 58

Prepared by: S.S.A. M. J.S.
Reviewed by: M.V.A.T. M. J.S.
Project Engineer



1000

[illegible]

Design: S.B.A. — in' & C.M.
 Name: S.B.A. — in' & C.M.
 Dr. J. B. JOHNSON
 Boston, England

AS-BUILT DRAWING PREPARED BY
KAYESAN HEAVY INDUSTRIES, LTD.

[illegible]

THIS MAJESTY'S GOVERNMENT OF NEPAL

Н.В.Н. ОЧИНКОВ - НАЧАЛЬНИК

KARNALI RIVER BRIDGE

ACCESS LADDER TO TOWER PER

STEPHAN BOYNTON GRONLUND & BIRDSALL

ADDRESS	CITY	STATE	ZIP CODE	DATE
1000 N. 1st St.	Phoenix	AZ	85001	1975



Design: S.O.A., Orissa
 Date: 10.11.2017
 Page: 10

[illegible]

HIS MAJESTY'S GOVERNMENT OF NEPAL

M. R. M. OCTALUR - MANUEL D. CINTRERO - JUAN CARLOS GARCIA

KARNALI RIVER BRIDGE

TERM FOR LADDER ACCESS

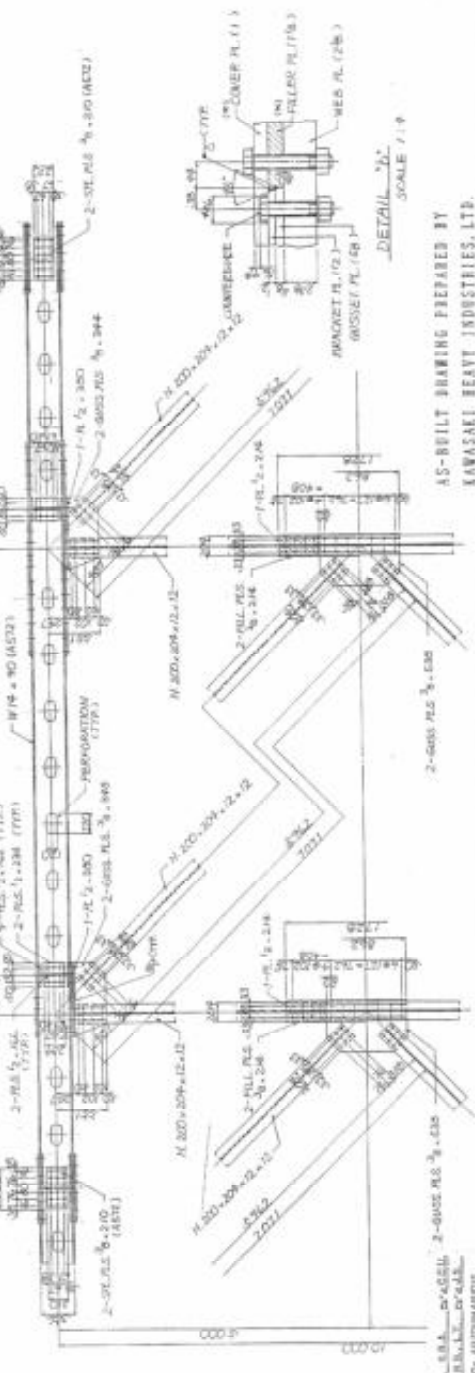
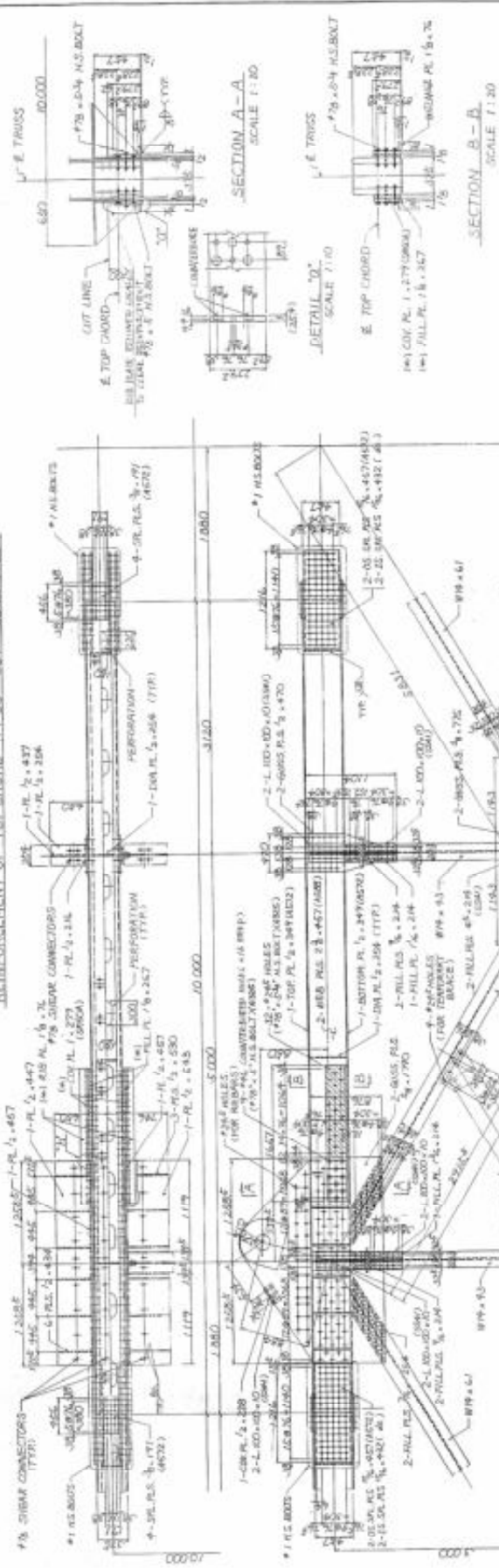
TO TOWN HALL
TOWN OF BOSTON CONQUEST & BLOOD

DATE	SCALE	DATE	SCALE

100 MB-	SIDE	DATE	APRIL 1988	41A
-76				

100

REINFORCEMENT OF TOP CHORD (PP58-60) SCALE 1:25

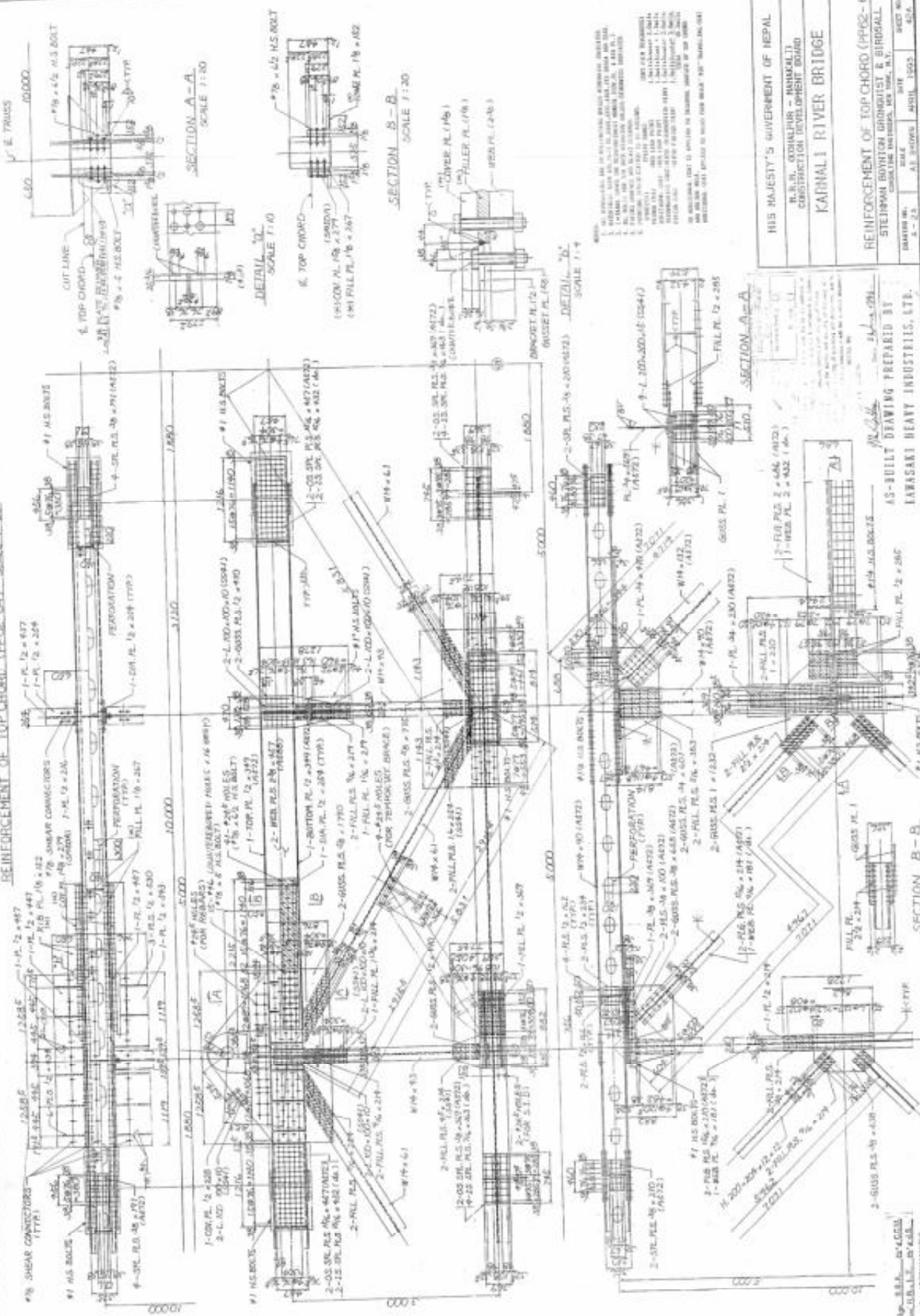


HIS MAJESTY'S GOVERNMENT OF NEPAL	
P.O. No. C-00967 PUN - KARNALI-1)	
CONSTRUCTION DEVELOPMENT BOARD	
KARNALI RIVER BRIDGE	
REINFORCEMENT OF TOP CHORD (PP58-B)	
STEINHEIM BROTHERS GRADUATE & BIRDAL	
COLUMBIA UNIVERSITY, NEW YORK, N.Y.	
DRAWING NO.	SHEET NO.
TITLE	DATE
AUTHOR	SCALE
PROJECT	

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KAWASAKI HEAVY INDUSTRIES, LTD.

Page No. 58 Date 22/11/2022
 Name Pranav K. S. Roll No. 220101010101
 Dr. ANJANA K. S.

REINFORCEMENT OF TOP CHORD (PP62-64) SCALE 1:25



REINFORCEMENT OF TOP CHORD (PP62-64)
STEINMAN BOUTON GROUNDWATER & BIRDAILL
CONSTRUCTION ENGINEERS, INC. NEW YORK, N.Y.
DRAWING NO. 2-23 DATE APRIL 1955 SHEET NO. 47A

HIS MAJESTY'S GOVERNMENT OF NEPAL
R.B.D. GOVINDPUR - HANUOL
CONSTRUCTION DEVELOPMENT BOARD
KADALI RIVER BRIDGE

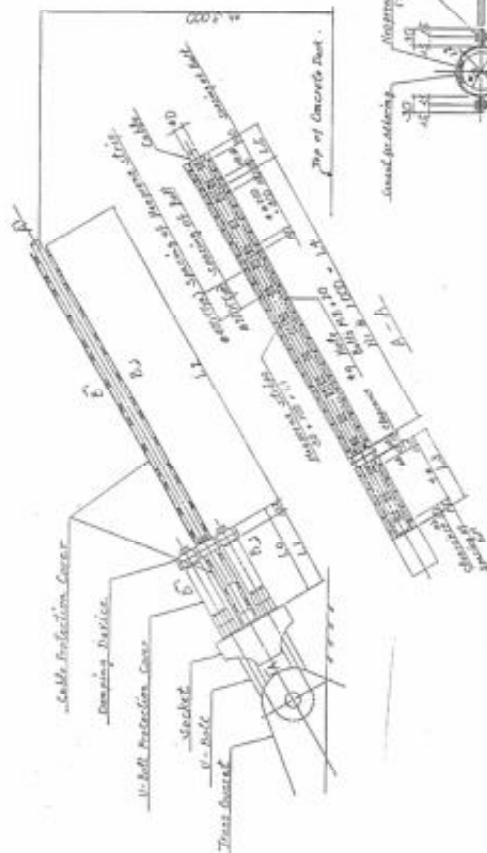
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DESIGNED BY: R.B.D. GOVINDPUR
DRAWN BY: R.B.D. GOVINDPUR
CHECKED BY: R.B.D. GOVINDPUR
APPROVED BY: R.B.D. GOVINDPUR

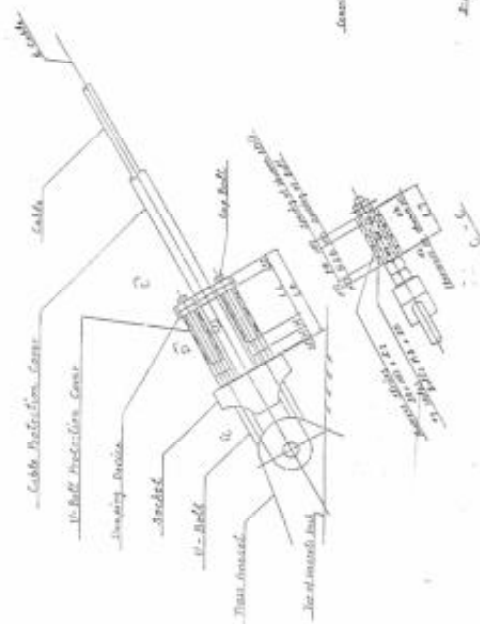
TABLE 1. Percentages of cases by age, sex, and season.

[illegible]

TABLE 1. DETERMINATION OF 1-VOLT AUTOMATIC CORRECTION



DETAIL OF CABLE PROTECTION COVER
(TYP.)



DETAIL OF U-BOLT PROTECTION COVER

100

- [illegible]

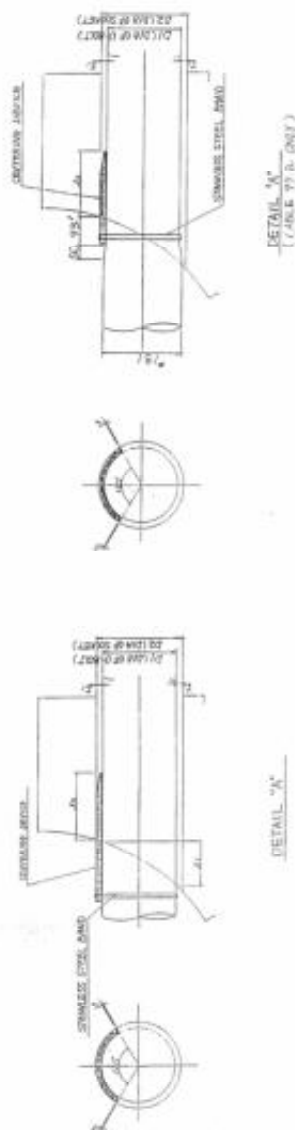
THIS MAJESTY'S GOVERNMENT OF NEPAL
P. R. J. CHANDLER - NATIONALITY
CONSTRUCTION DEVELOPMENT BOARD
KARNALI RIVER BRIDGE

STEELMAN INVENTION CONSULTING & BIRDSALL

Sample no.	Soil	Cell	Diff. no.
A-3	MOIST	15114 (7th batch)	0.1



DETAIL OF CHATTERING DEVICE


$$\frac{\text{DETAL}^{\circ}\text{A}^{\circ}}{[(\text{ANGLE } \varphi) \text{ R. (DOL)}]}$$


DETAIL "B"

[illegible][illegible]

HIS MAJESTY'S GOVERNMENT OF NEPAL	
श्री. श्री. कृष्णलाल - मण्डली CONSULTANT DEVELOPMENT BOARD	
KARNALI RIVER BRIDGE	
CENTERING DEVICE FOR CABLE SOCKETS at TRUSS	
STEINHAU BOHUMIL GRONQVIST & BIRDSALL	
CIVIL ENGINEERS, P.O. BOX 100, S.W.	
BRIDGE NO.	DATE
A - 5A	APRIL, 1968
SCALE	SHEET NO.
W/200'	100

AS-BUILT DRAWING PROVIDED BY
YAWASAKI HEAVY INDUSTRIES, LTD.

Design: C. B. B. _____
 Drawn: B. B. B. _____
 Project Engineer