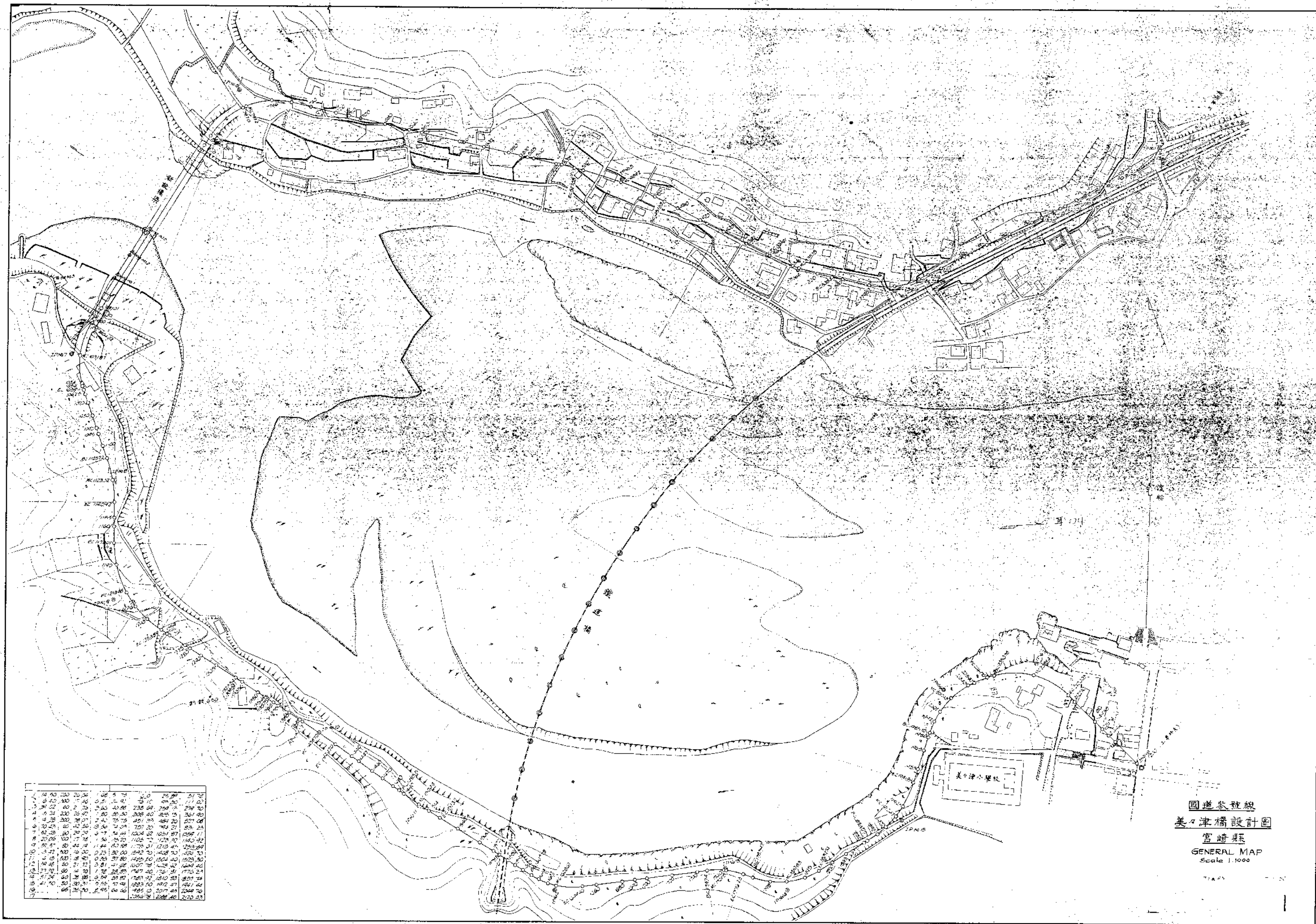
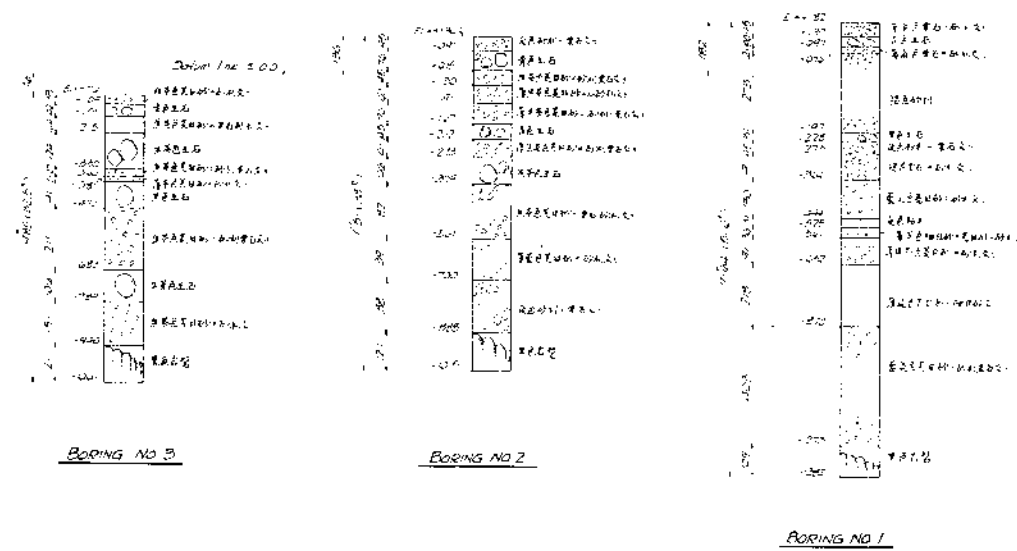
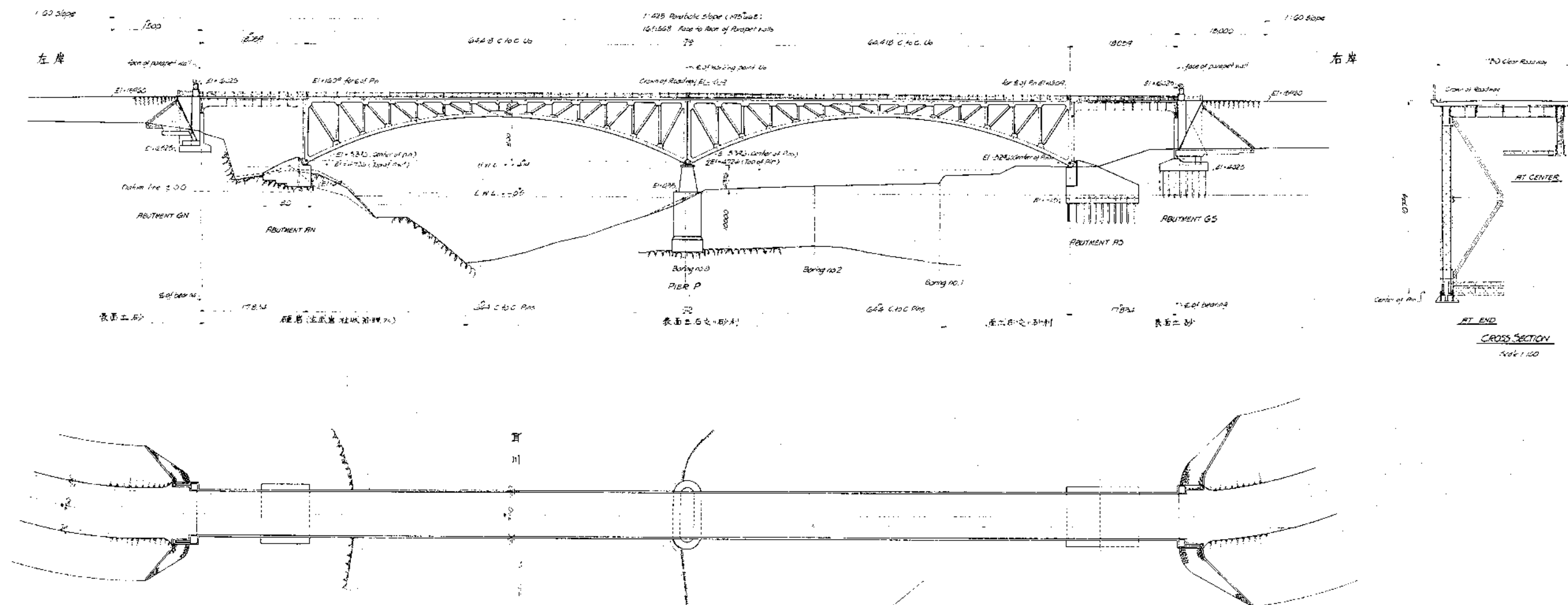
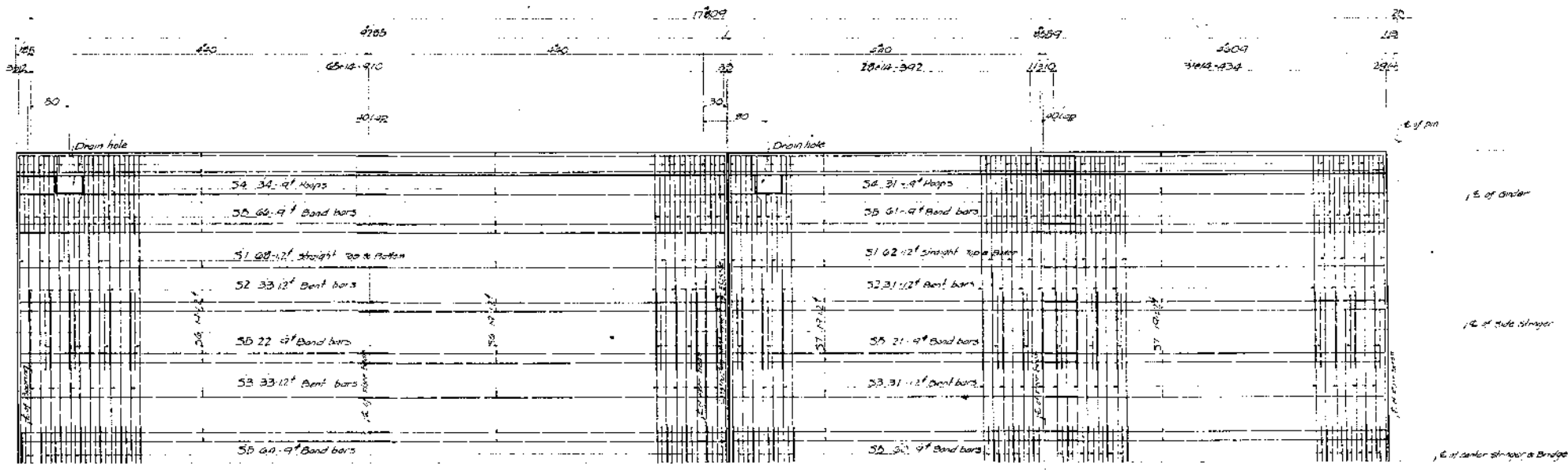




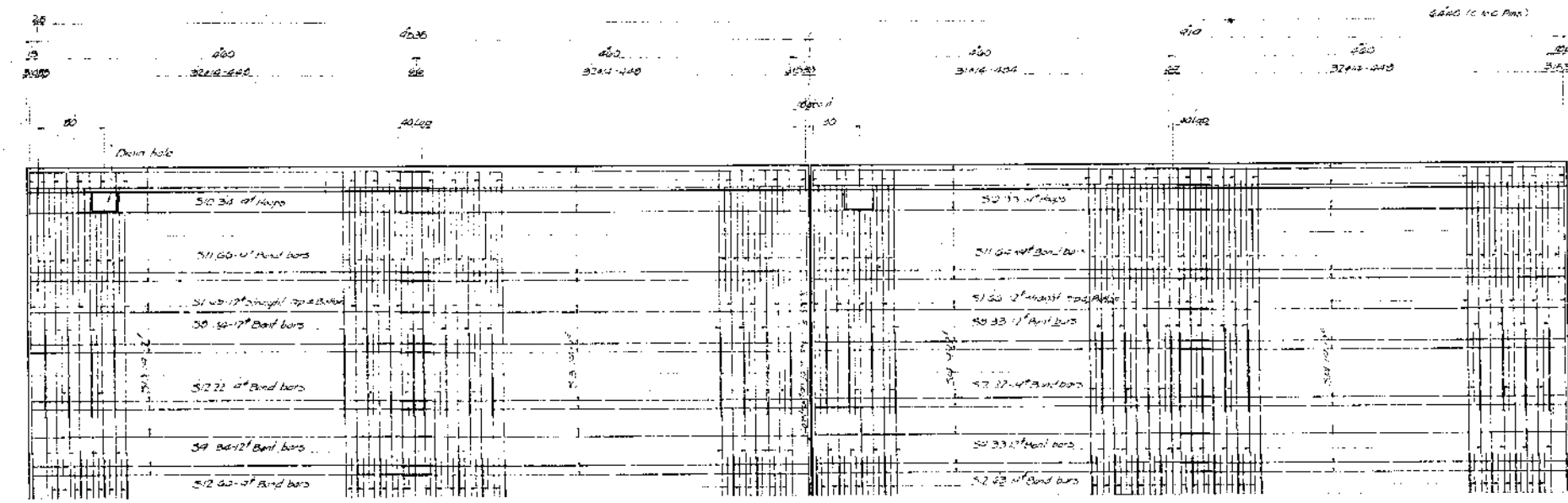


國道參號線
 美々津橋設計圖
 宮崎縣
 GENERAL DRAWING
 Scale 1:300
 1/M 7.7-15
 T/I 7-2-13
 1/M 7-2-15



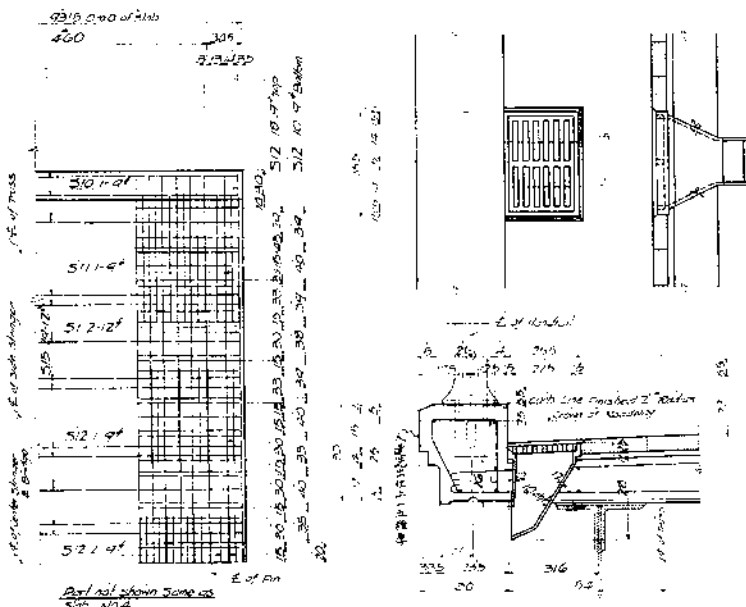
SLAB NO1

NO2

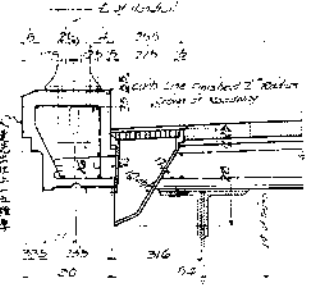


NO3

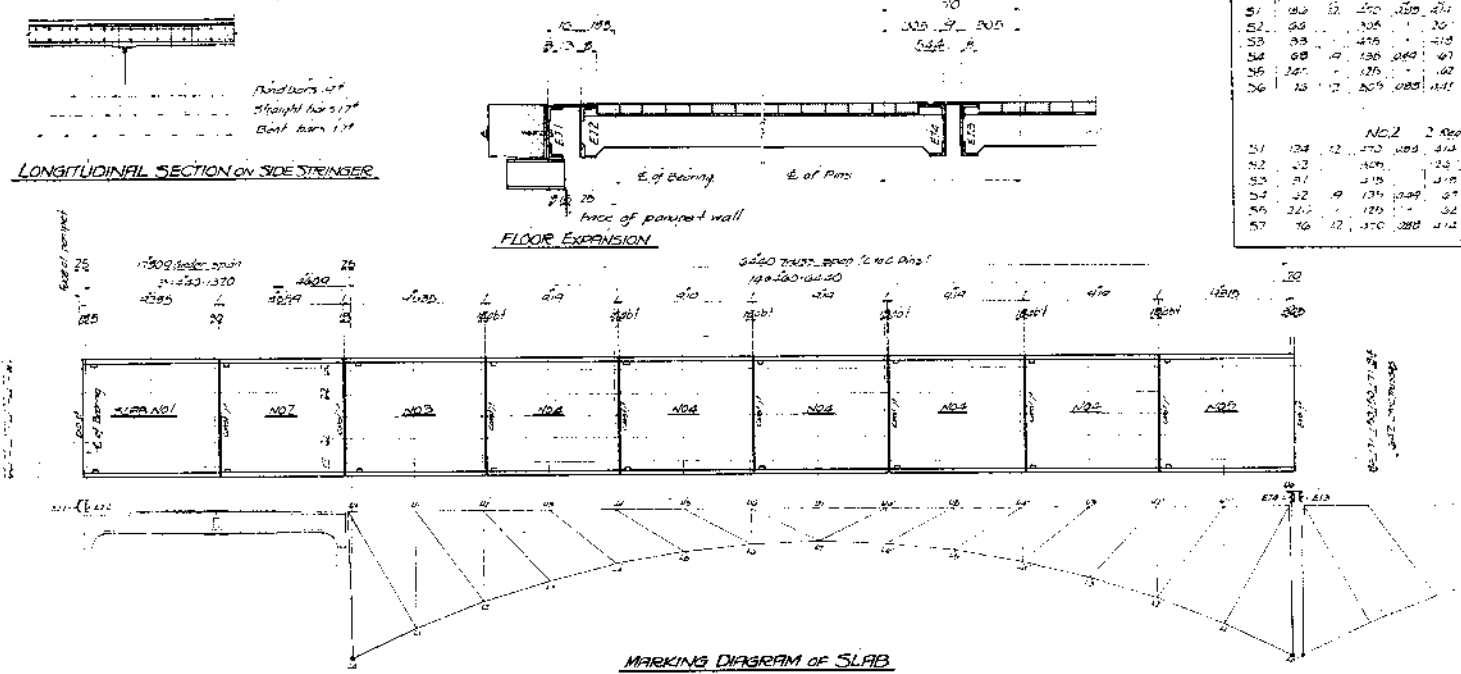
NO4



NO5



DRAIN Scale 1:10



LIST OF REINFORCEMENTS

Plan bars

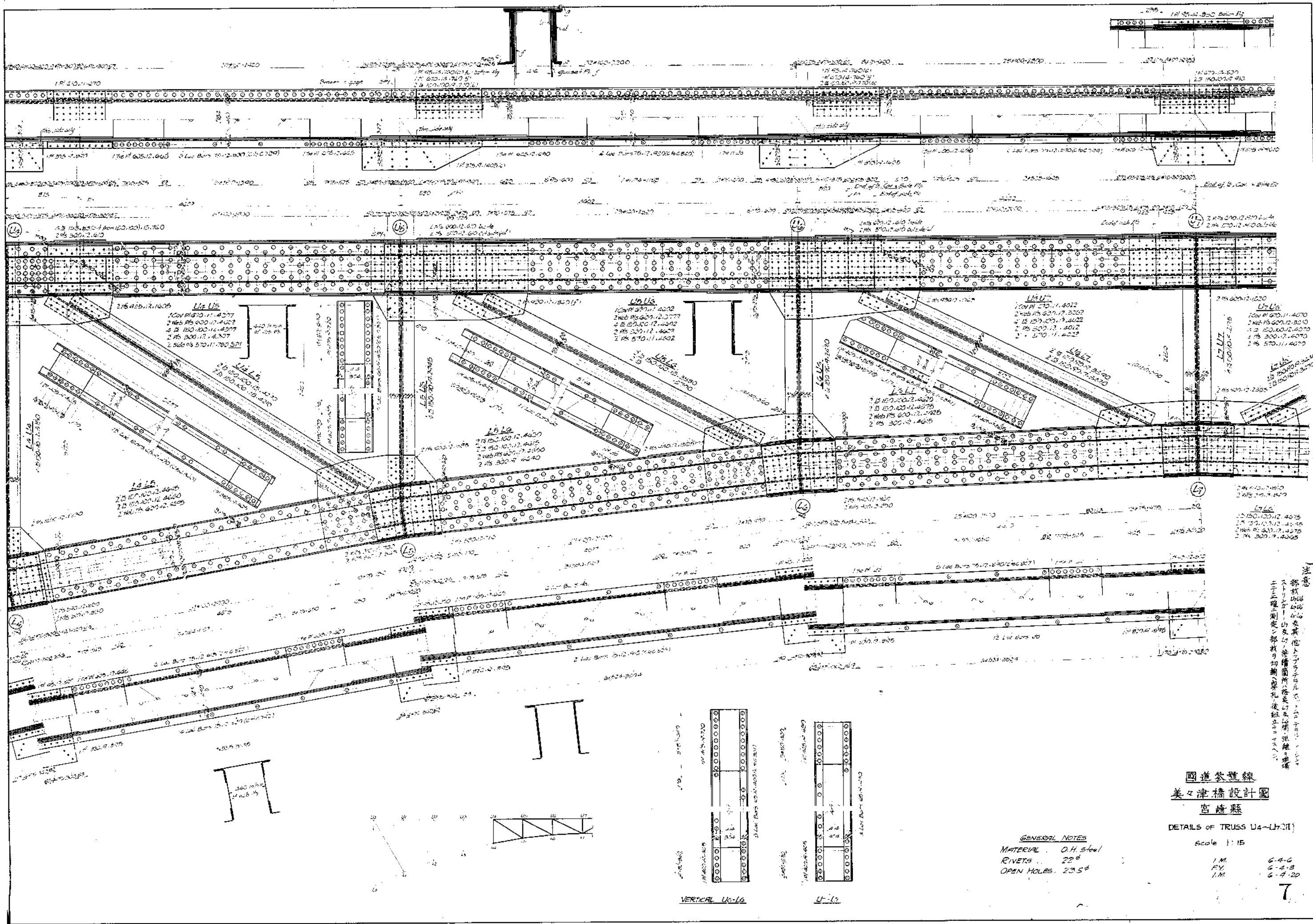
Slab	Bar No.	Spec.	Length	Area	Weight	Slab	Bar No.	Spec.	Length	Area	Weight
SLAB NO1	51	1-4"	10.00	1.57	1.57	SLAB NO2	51	1-4"	10.00	1.57	1.57
	52	2-4"	10.00	3.14	3.14		52	2-4"	10.00	3.14	3.14
	53	3-4"	10.00	4.71	4.71		53	3-4"	10.00	4.71	4.71
	54	4-4"	10.00	6.28	6.28		54	4-4"	10.00	6.28	6.28
	55	5-4"	10.00	7.85	7.85		55	5-4"	10.00	7.85	7.85
	56	6-4"	10.00	9.42	9.42		56	6-4"	10.00	9.42	9.42
	57	7-4"	10.00	10.99	10.99		57	7-4"	10.00	10.99	10.99
	58	8-4"	10.00	12.56	12.56		58	8-4"	10.00	12.56	12.56
	59	9-4"	10.00	14.14	14.14		59	9-4"	10.00	14.14	14.14
	60	10-4"	10.00	15.71	15.71		60	10-4"	10.00	15.71	15.71
	61	11-4"	10.00	17.28	17.28		61	11-4"	10.00	17.28	17.28
	62	12-4"	10.00	18.85	18.85		62	12-4"	10.00	18.85	18.85
SLAB NO3	51	1-4"	10.00	1.57	1.57	SLAB NO4	51	1-4"	10.00	1.57	1.57
	52	2-4"	10.00	3.14	3.14		52	2-4"	10.00	3.14	3.14
	53	3-4"	10.00	4.71	4.71		53	3-4"	10.00	4.71	4.71
	54	4-4"	10.00	6.28	6.28		54	4-4"	10.00	6.28	6.28
	55	5-4"	10.00	7.85	7.85		55	5-4"	10.00	7.85	7.85
	56	6-4"	10.00	9.42	9.42		56	6-4"	10.00	9.42	9.42
	57	7-4"	10.00	10.99	10.99		57	7-4"	10.00	10.99	10.99
	58	8-4"	10.00	12.56	12.56		58	8-4"	10.00	12.56	12.56
	59	9-4"	10.00	14.14	14.14		59	9-4"	10.00	14.14	14.14
	60	10-4"	10.00	15.71	15.71		60	10-4"	10.00	15.71	15.71
	61	11-4"	10.00	17.28	17.28		61	11-4"	10.00	17.28	17.28
	62	12-4"	10.00	18.85	18.85		62	12-4"	10.00	18.85	18.85
SLAB NO5	51	1-4"	10.00	1.57	1.57	SLAB NO6	51	1-4"	10.00	1.57	1.57
	52	2-4"	10.00	3.14	3.14		52	2-4"	10.00	3.14	3.14
	53	3-4"	10.00	4.71	4.71		53	3-4"	10.00	4.71	4.71
	54	4-4"	10.00	6.28	6.28		54	4-4"	10.00	6.28	6.28
	55	5-4"	10.00	7.85	7.85		55	5-4"	10.00	7.85	7.85
	56	6-4"	10.00	9.42	9.42		56	6-4"	10.00	9.42	9.42
	57	7-4"	10.00	10.99	10.99		57	7-4"	10.00	10.99	10.99
	58	8-4"	10.00	12.56	12.56		58	8-4"	10.00	12.56	12.56
	59	9-4"	10.00	14.14	14.14		59	9-4"	10.00	14.14	14.14
	60	10-4"	10.00	15.71	15.71		60	10-4"	10.00	15.71	15.71
	61	11-4"	10.00	17.28	17.28		61	11-4"	10.00	17.28	17.28
	62	12-4"	10.00	18.85	18.85		62	12-4"	10.00	18.85	18.85

NOTE - Spacings of handrail see sheet No 15

國道參號線
美々津橋設計圖
宮崎縣

DETAILS OF FLOOR SLAB
Scale 1:30

1/30000 0.4 2
1/10000 0.5 1.5
1/1000 0.6 2.1



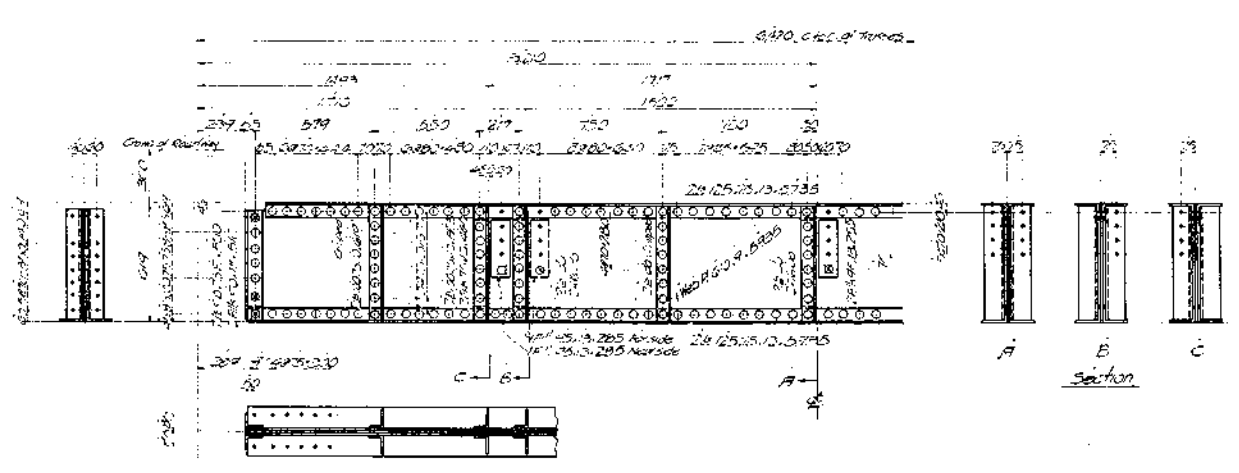
國道第1號線
美々津橋設計圖
宮崎縣

DETAILS OF TRUSS U4~U11

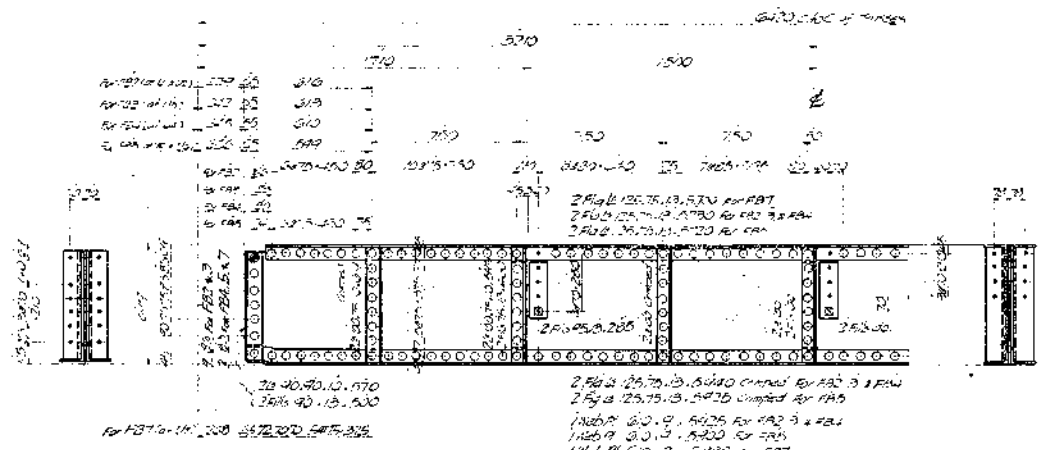
Scale 1:15

GENERAL NOTES
MATERIAL O.H. Steel
RIVETS 22#
OPEN HOLES 23.5#

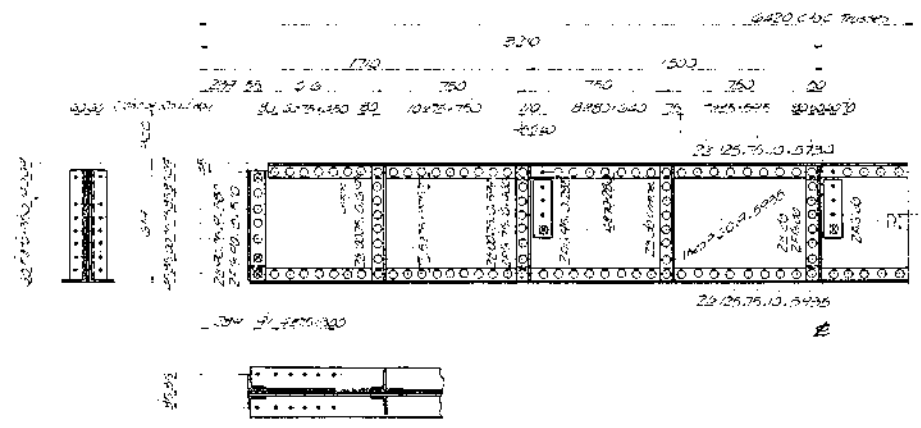
1.M. 6-4-6
R.V. 6-4-8
1.M. 6-4-20



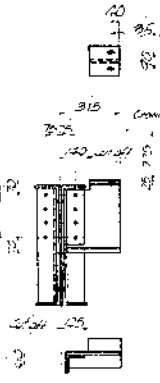
FLOOR BEAM FB1 1-Repeat for one span



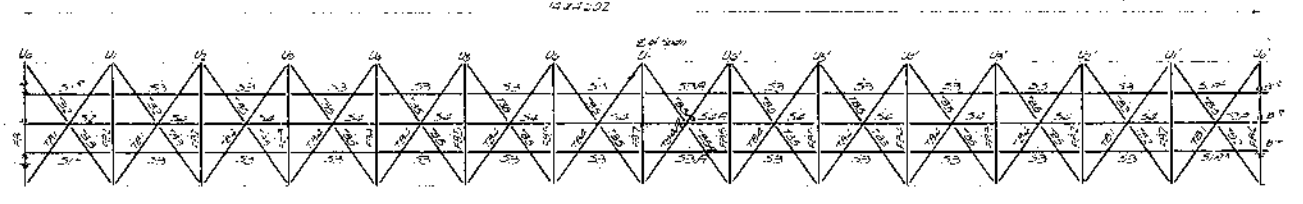
FLOOR BEAMS FB2 FB3 FB4 FB5 & FB7



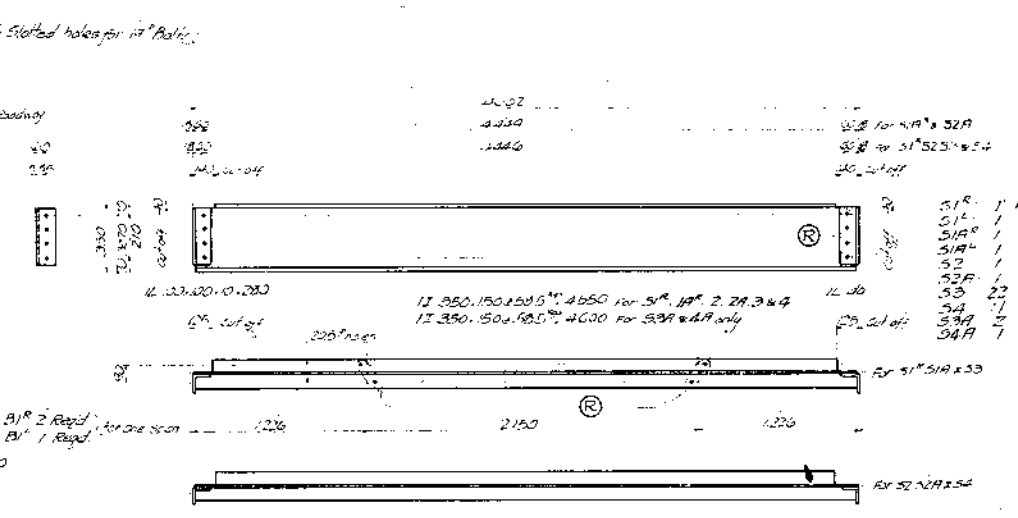
FLOOR BEAM FB6 1-Repeat for one span



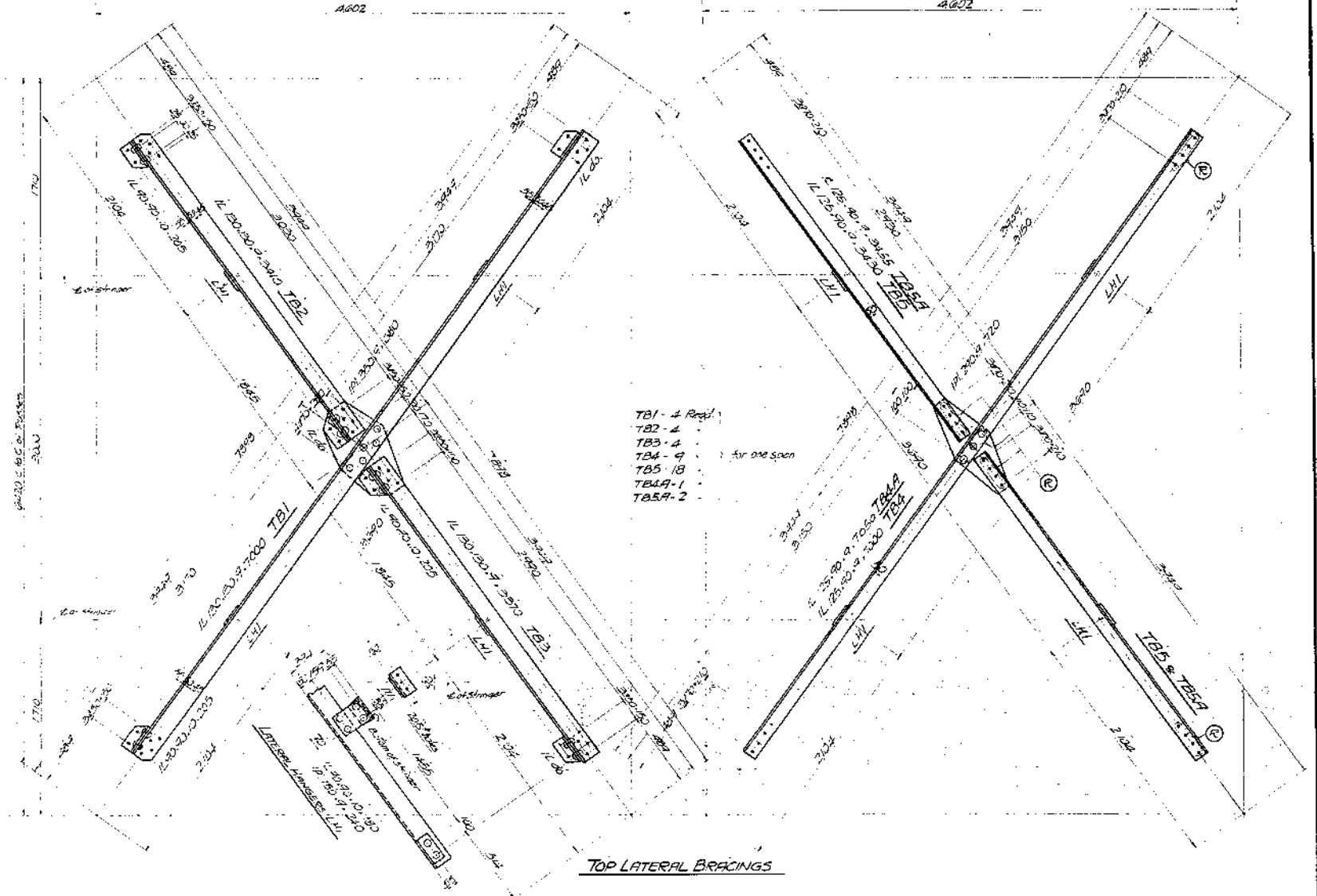
BRACKET B1



MARKING DIAGRAM



STRINGERS S1 S2 S3 S4 & S5



TOP LATERAL BRACINGS

- TB1 - 4 Reqd.
- TB2 - 4
- TB3 - 4
- TB4 - 4
- TB5 - 18
- TB6A - 1
- TB6B - 2

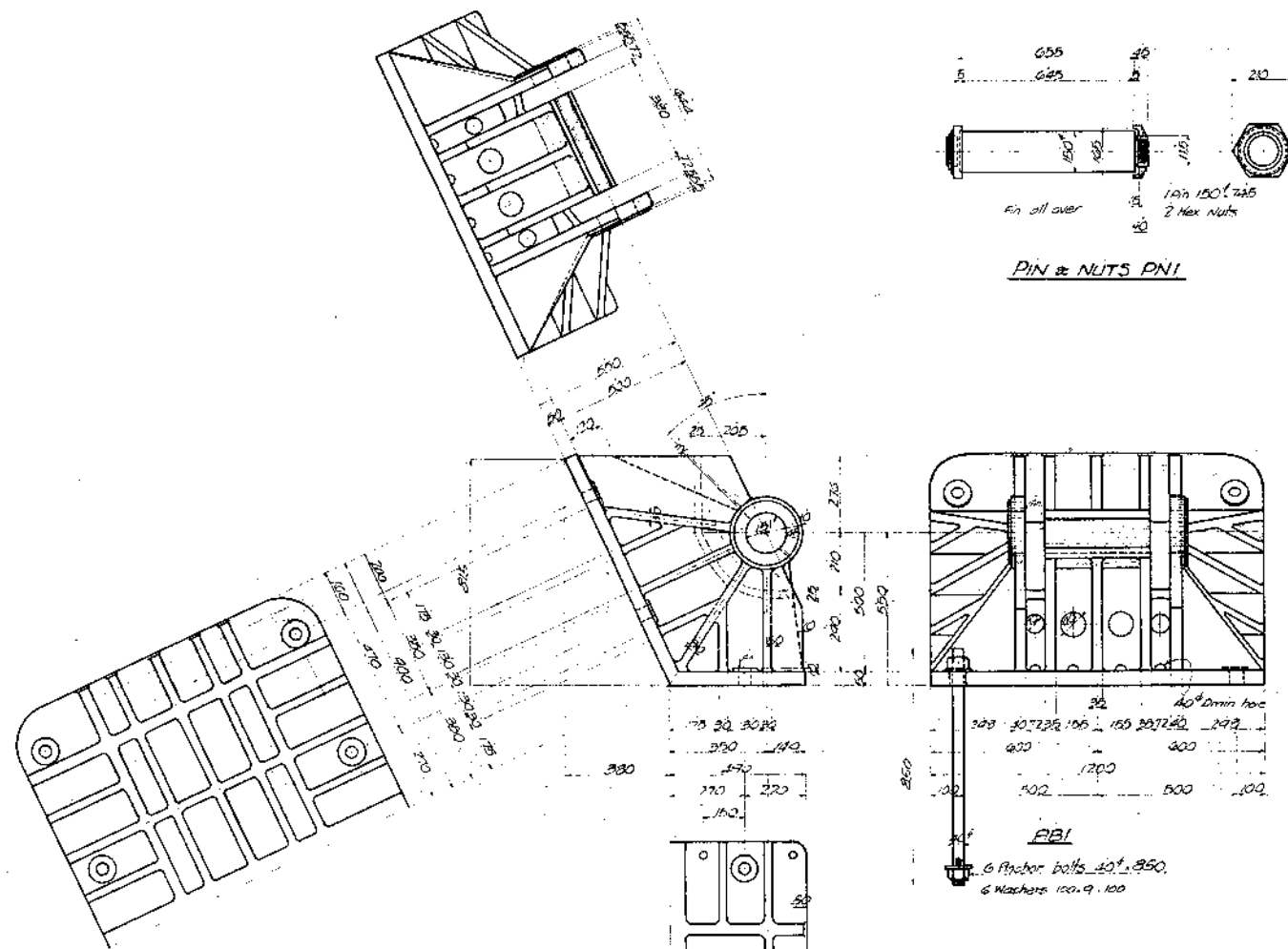
GENERAL NOTES
MATERIAL: D.H. Steel
RIVETS: 7/8" for Expansion Bracing
1 1/2" for Floor Beams
OPEN HOLES 2 1/2" Except as noted

國道參號線
美々津橋設計圖
宮崎縣

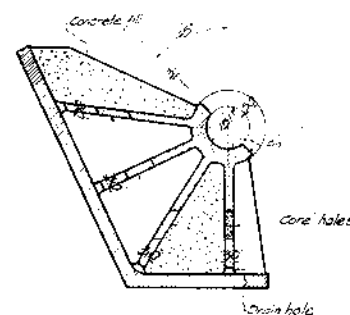
DETAILS OF FLOOR BEAMS, STRINGERS
AND TOP LATERAL BRACINGS

Scale 1: 15

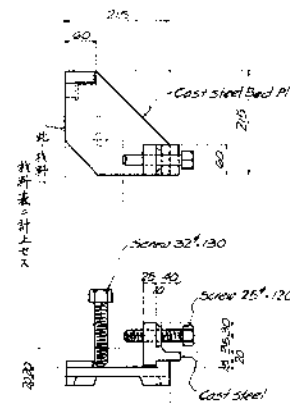
注意
① 引リ合ハル場場ニ穿孔ス
尚圖面番號七號ニ依ルベシ



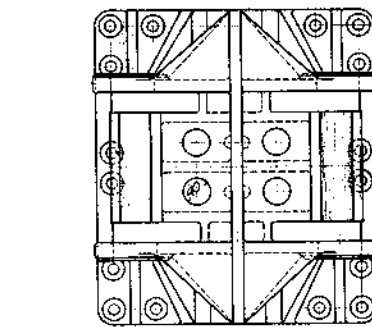
CAST STEEL SHOE CS1 ON ABUTMENT



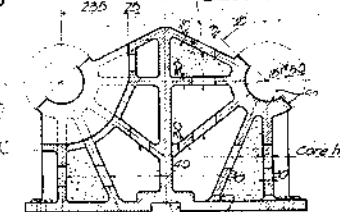
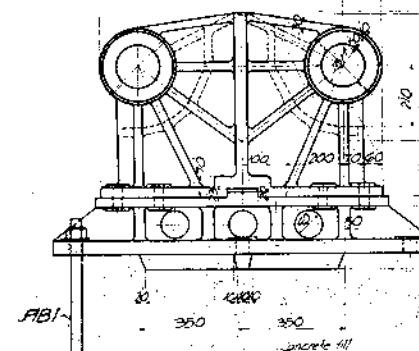
SECTION



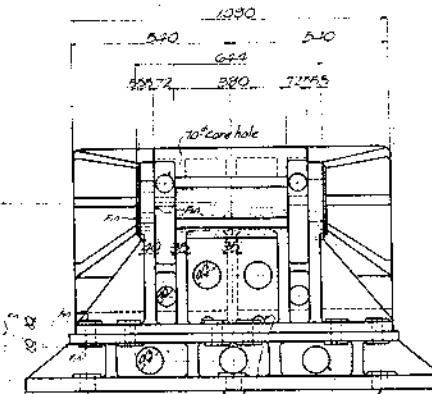
TYPICAL DETAILS OF ARRANGEMENT FOR SETTING SHOES
Scale 1:10



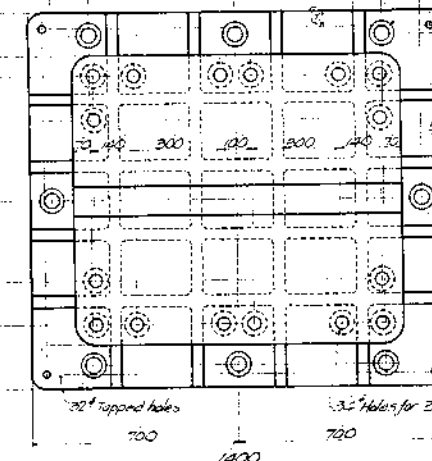
Cast steel shoe CS2



SECTION



Cast steel shoe CS1



CAST STEEL SHOE ON PIER

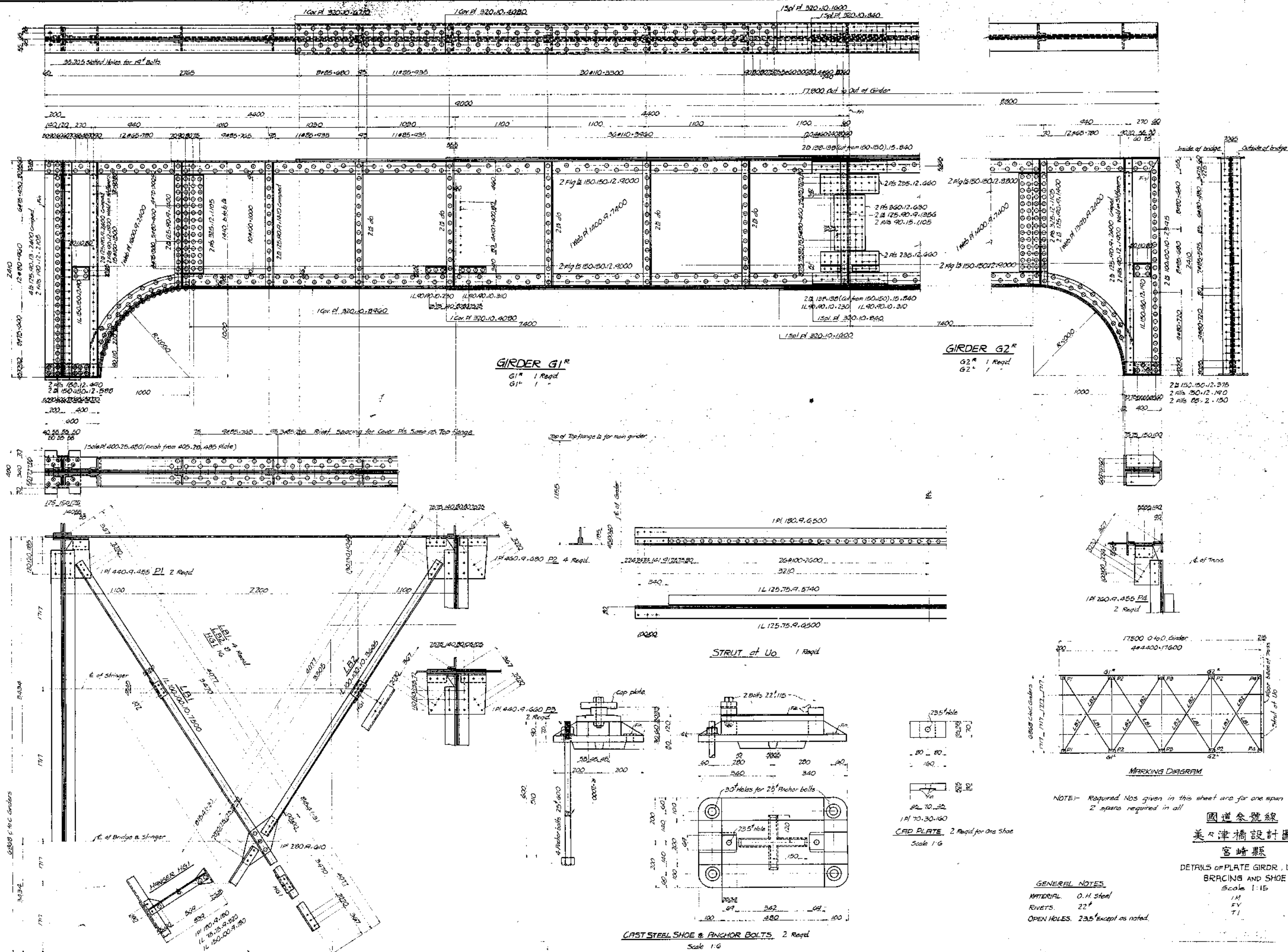
Required for two spans

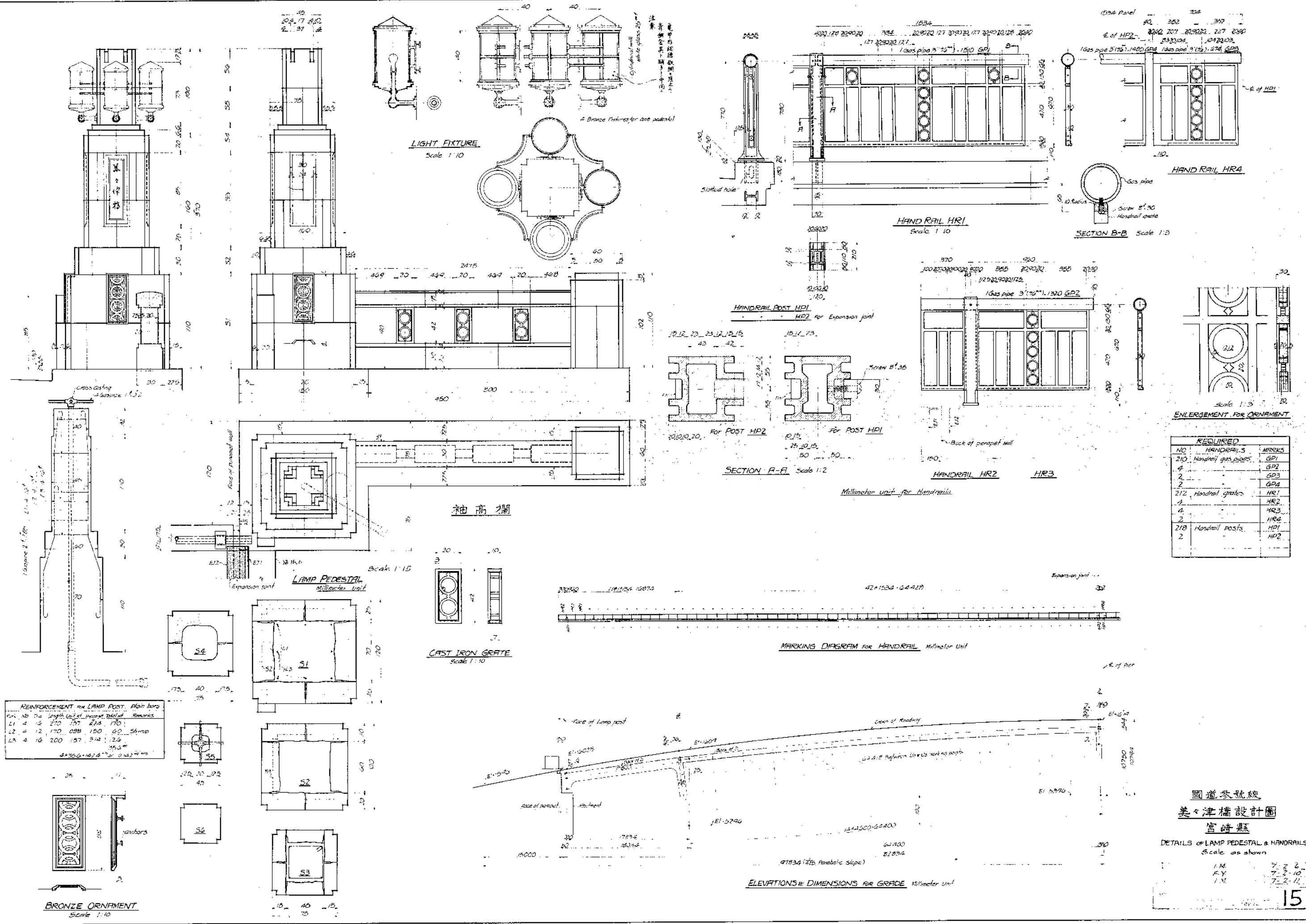
CS1	4	Read
CS2	2	
CS1	2	
PNI	8	
RBI	40	

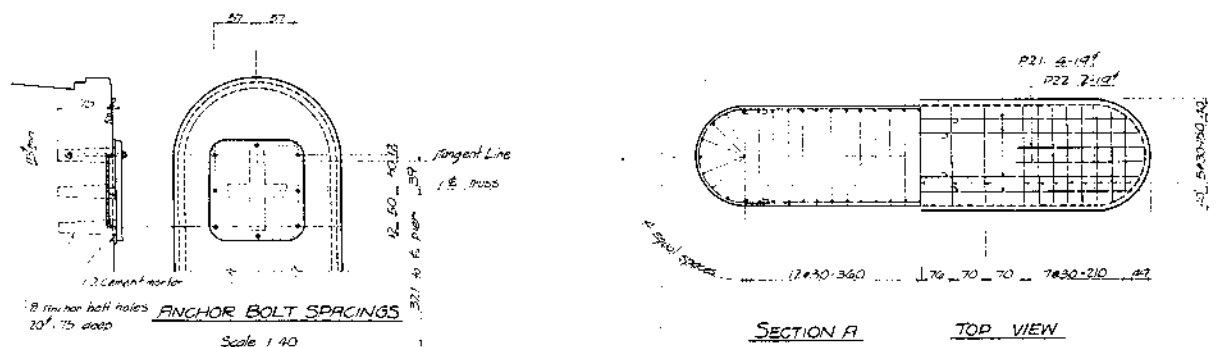
國道第100號線
美々津橋設計圖
宮崎縣

DETAILS OF SHOES
(TRUSS SPAN)
Scale 1:10

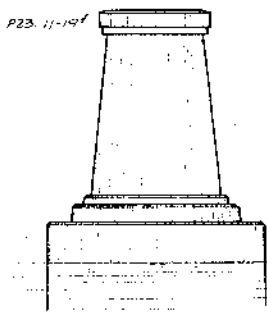
IM	6-2-22
FY	6-5-19
IM	7-2-5



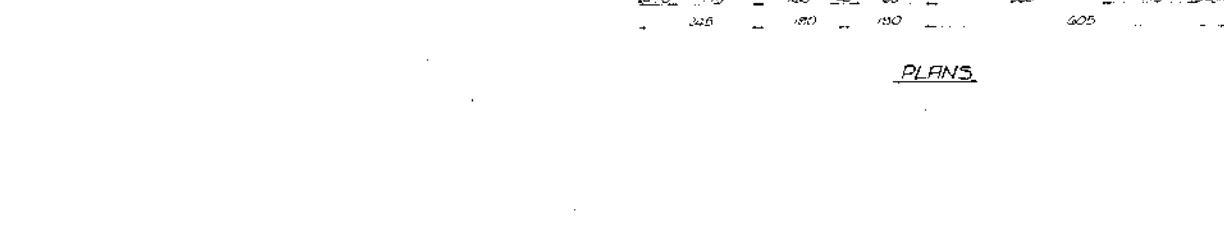
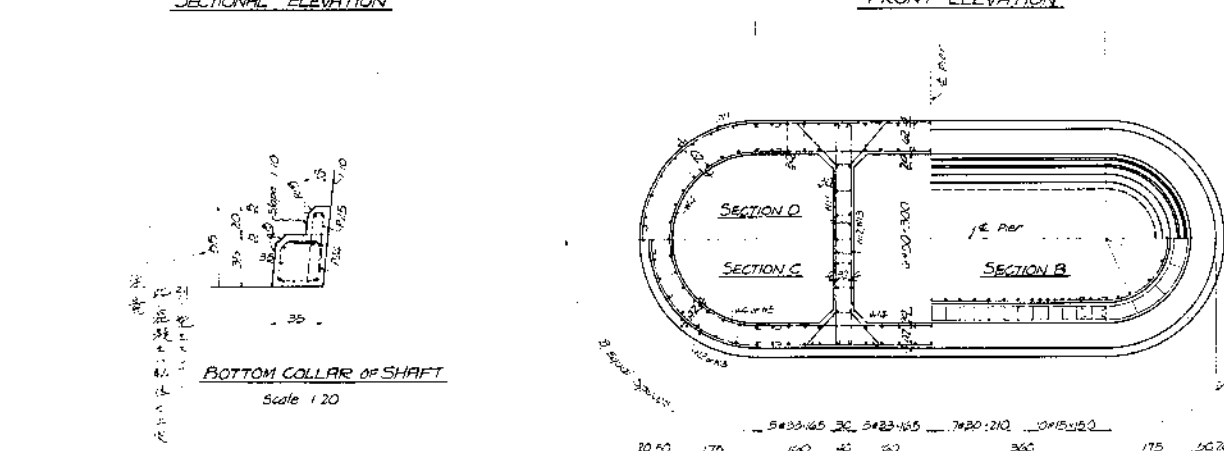
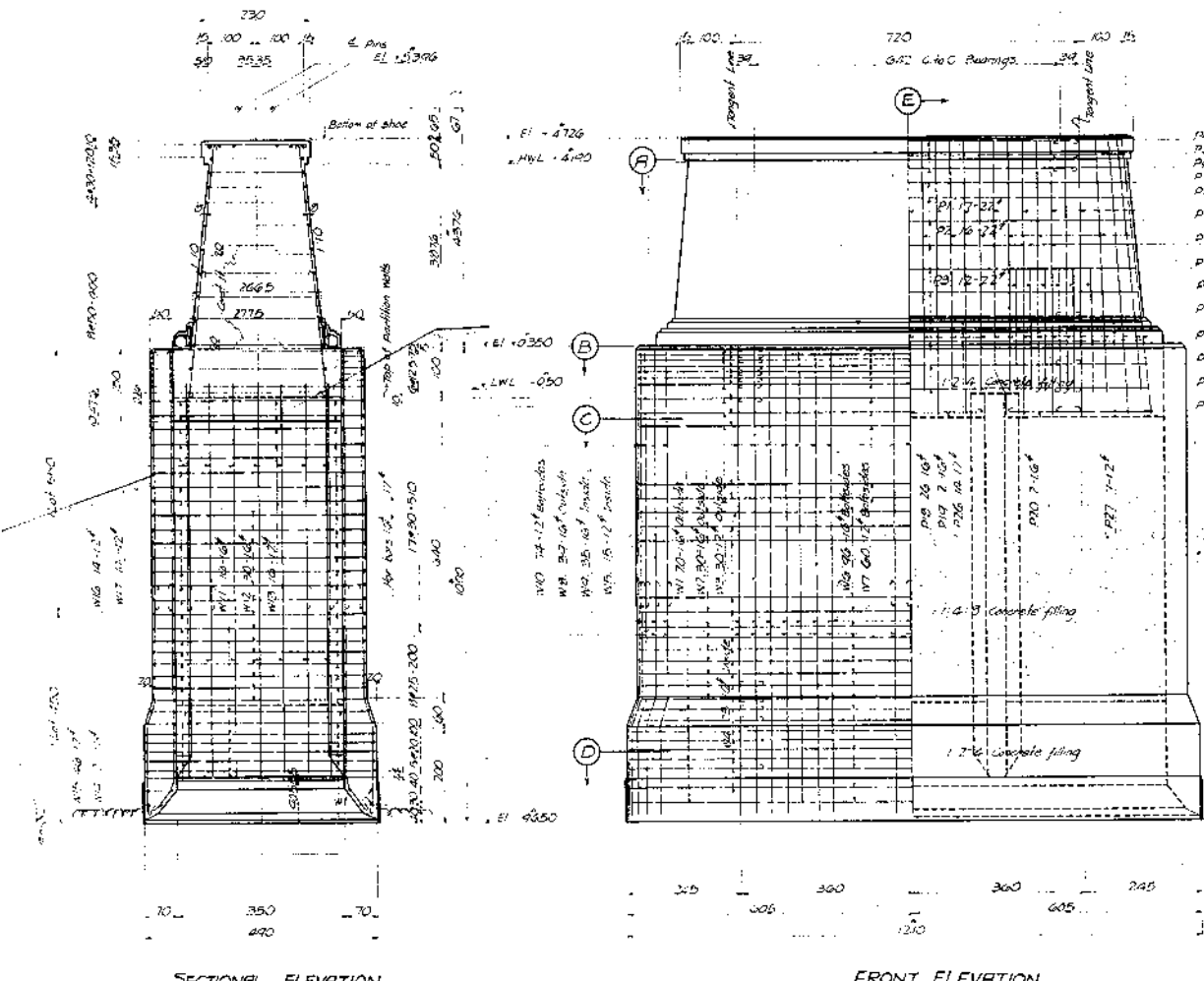
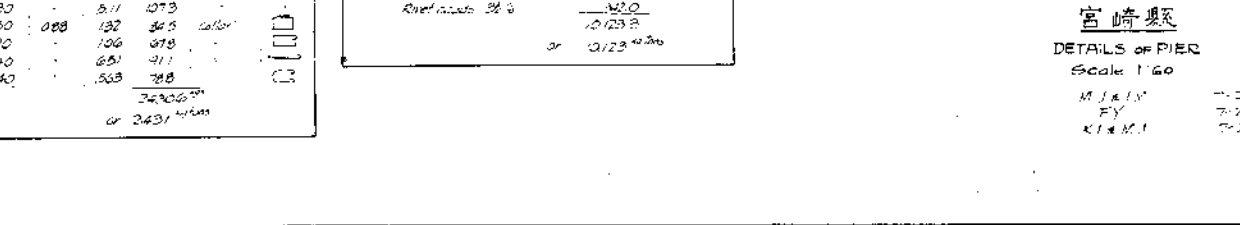
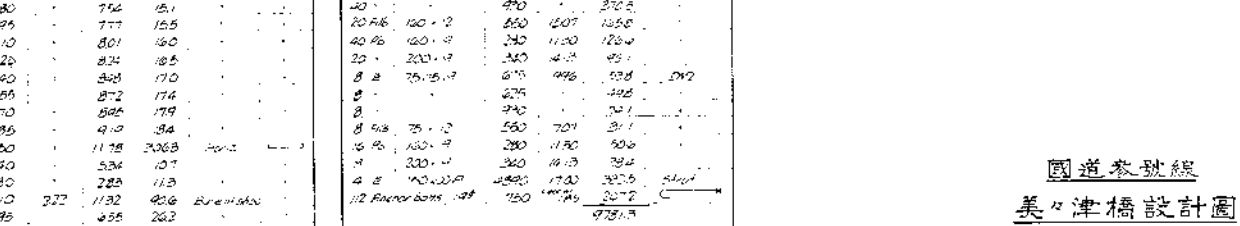
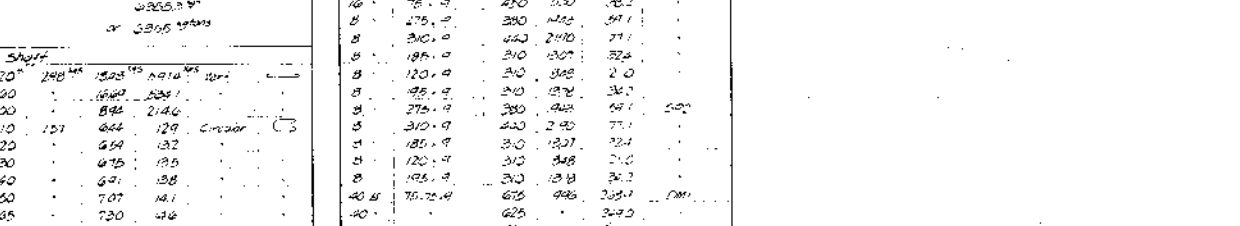
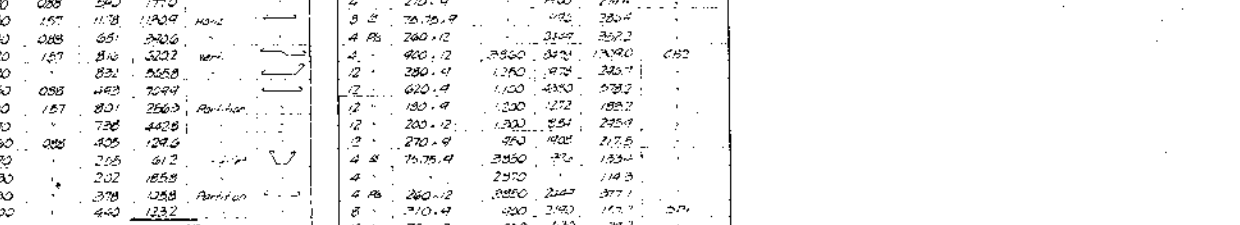
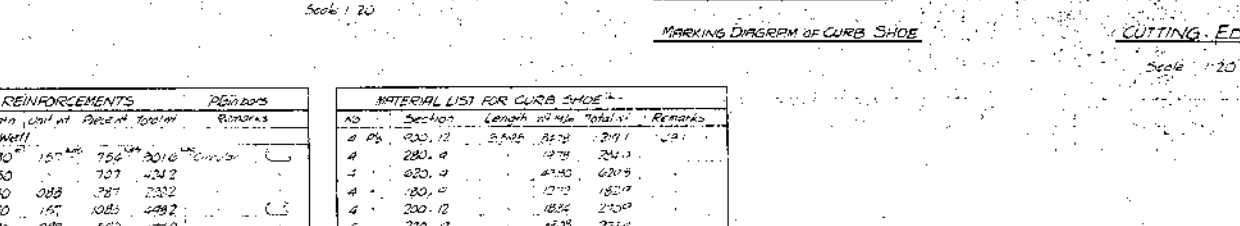
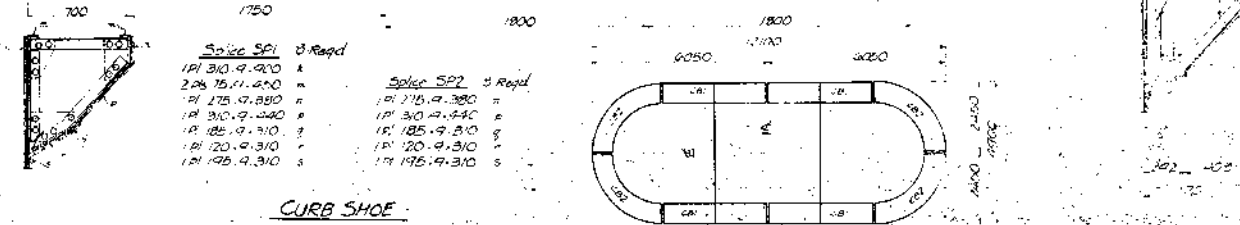
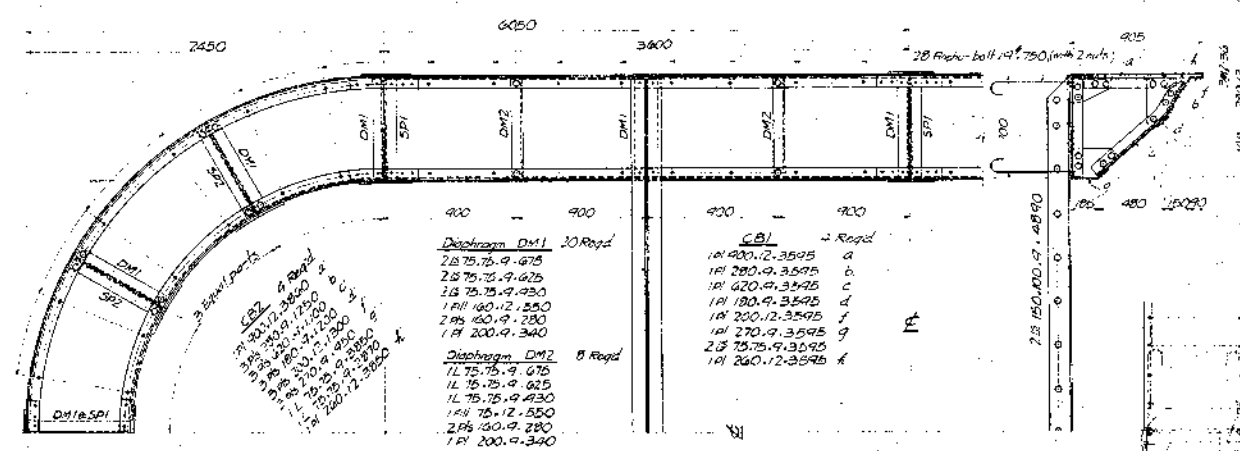
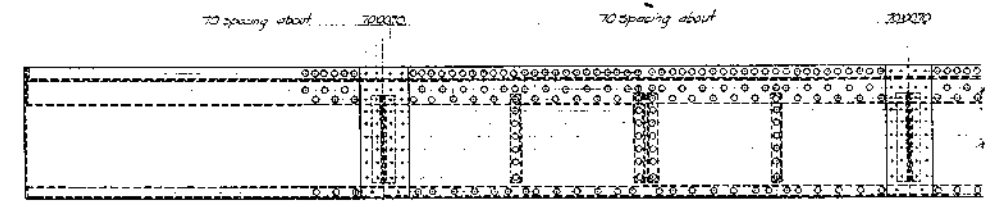




SECTION A TOP VIEW



GENERAL ELEVATION OF SHAFT



LIST OF REINFORCEMENTS			
No.	Size	Length	Remarks
1	16	150	For Wall
2	16	150	For Wall
3	16	150	For Wall
4	16	150	For Wall
5	16	150	For Wall
6	16	150	For Wall
7	16	150	For Wall
8	16	150	For Wall
9	16	150	For Wall
10	16	150	For Wall
11	16	150	For Wall
12	16	150	For Wall
13	16	150	For Wall
14	16	150	For Wall
15	16	150	For Wall
16	16	150	For Wall
17	16	150	For Wall

LIST OF REINFORCEMENTS			
No.	Size	Length	Remarks
1	16	150	For Wall
2	16	150	For Wall
3	16	150	For Wall
4	16	150	For Wall
5	16	150	For Wall
6	16	150	For Wall
7	16	150	For Wall
8	16	150	For Wall
9	16	150	For Wall
10	16	150	For Wall
11	16	150	For Wall
12	16	150	For Wall
13	16	150	For Wall
14	16	150	For Wall
15	16	150	For Wall
16	16	150	For Wall
17	16	150	For Wall

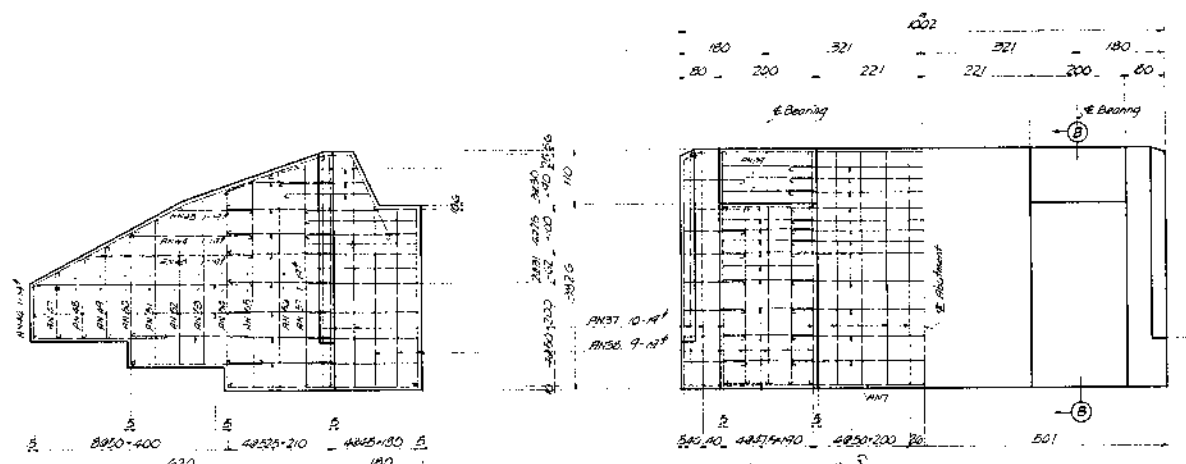
LIST OF REINFORCEMENTS			
No.	Size	Length	Remarks
1	16	150	For Wall
2	16	150	For Wall
3	16	150	For Wall
4	16	150	For Wall
5	16	150	For Wall
6	16	150	For Wall
7	16	150	For Wall
8	16	150	For Wall
9	16	150	For Wall
10	16	150	For Wall
11	16	150	For Wall
12	16	150	For Wall
13	16	150	For Wall
14	16	150	For Wall
15	16	150	For Wall
16	16	150	For Wall
17	16	150	For Wall

MATERIAL LIST FOR CURB SHOES			
No.	Section	Length	Remarks
1	16	150	For Wall
2	16	150	For Wall
3	16	150	For Wall
4	16	150	For Wall
5	16	150	For Wall
6	16	150	For Wall
7	16	150	For Wall
8	16	150	For Wall
9	16	150	For Wall
10	16	150	For Wall
11	16	150	For Wall
12	16	150	For Wall
13	16	150	For Wall
14	16	150	For Wall
15	16	150	For Wall
16	16	150	For Wall
17	16	150	For Wall

MATERIAL LIST FOR CURB SHOES			
No.	Section	Length	Remarks
1	16	150	For Wall
2	16	150	For Wall
3	16	150	For Wall
4	16	150	For Wall
5	16	150	For Wall
6	16	150	For Wall
7	16	150	For Wall
8	16	150	For Wall
9	16	150	For Wall
10	16	150	For Wall
11	16	150	For Wall
12	16	150	For Wall
13	16	150	For Wall
14	16	150	For Wall
15	16	150	For Wall
16	16	150	For Wall
17	16	150	For Wall

MATERIAL LIST FOR CURB SHOES			
No.	Section	Length	Remarks
1	16	150	For Wall
2	16	150	For Wall
3	16	150	For Wall
4	16	150	For Wall
5	16	150	For Wall
6	16	150	For Wall
7	16	150	For Wall
8	16	150	For Wall
9	16	150	For Wall
10	16	150	For Wall
11	16	150	For Wall
12	16	150	For Wall
13	16	150	For Wall
14	16	150	For Wall
15	16	150	For Wall
16	16	150	For Wall
17	16	150	For Wall

國道教款線
美々津橋設計圖
宮崎縣
DETAILS OF PIER
Scale 1/60
M. J. N. Y.
F. Y.
K. I. N. I.

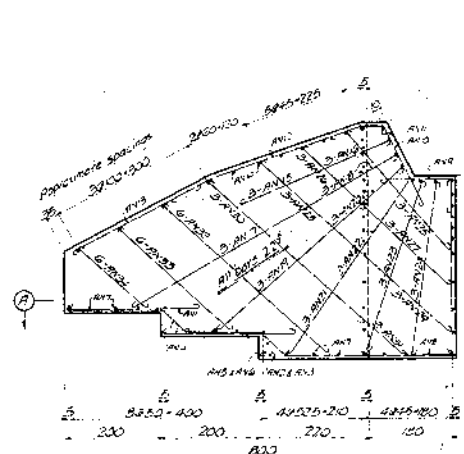


SIDE ELEVATION

SHOWING SIDE REINFORCEMENTS

FRONT ELEVATION

SHOWING FRONT REINFORCEMENTS SHOWING GENERAL DIMENSIONS

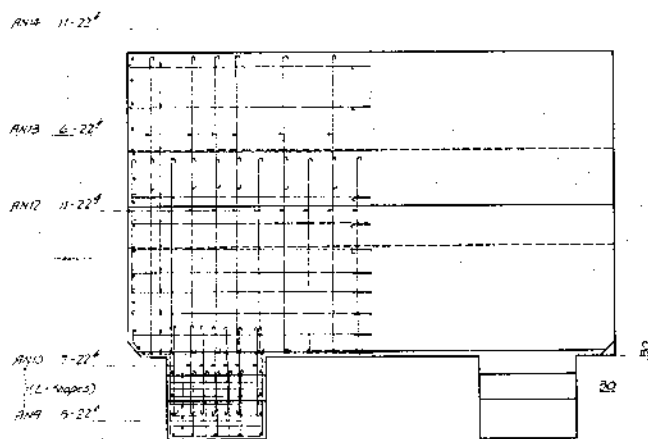


SECTION B-B

SHOWING WEB REINFORCEMENTS

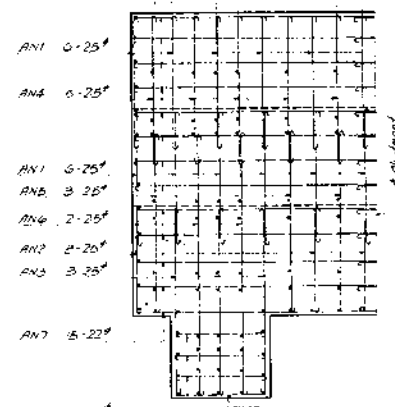
All bars 22#

Correct spacings for
Top and Bottom Reinforcements
Straight bars
Bent bars
Web reinforcements in these runs only



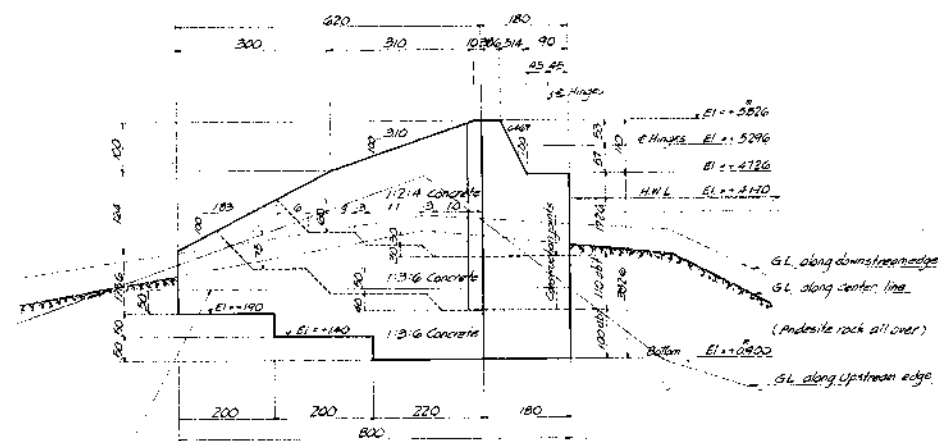
PLAN

SHOWING TOP REINFORCEMENTS



SECTION A-A

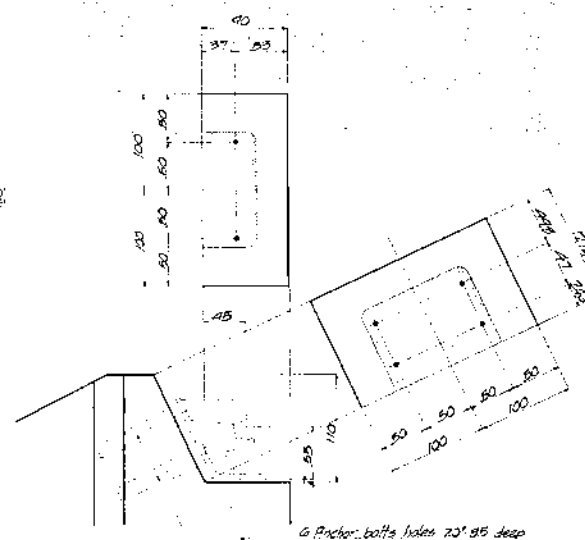
SHOWING BOTTOM REINFORCEMENTS



SIDE ELEVATION

SHOWING GENERAL DIMENSIONS
AND NOTES ON EXECUTION

注意
(1) 此圖係根據設計圖樣繪製，如有錯誤，概與設計單位無關。
(2) 此圖係根據設計圖樣繪製，如有錯誤，概與設計單位無關。



ANCHOR BOLT SPACINGS

Scale 1:30

LIST OF REINFORCEMENTS										Remarks	
Bar Mark	No.	Spec.	Length	Unit wt	Weight	Bar Mark	No.	Spec.	Length	Unit wt	Weight
AN 1	24	22	320	3.25	1232	AN 25	2	22	100	3.25	650
AN 2	6	22	760	10.01	6001	AN 26	2	22	100	3.25	650
AN 3	6	22	425	10.01	1005	AN 27	2	22	100	3.25	650
AN 4	10	22	375	10.01	1005	AN 28	2	22	100	3.25	650
AN 5	6	22	425	10.01	1005	AN 29	2	22	100	3.25	650
AN 6	4	22	620	10.01	1005	AN 30	2	22	100	3.25	650
AN 7	30	22	570	10.01	1005	AN 31	2	22	100	3.25	650
AN 8	4	22	225	10.01	1005	AN 32	2	22	100	3.25	650
AN 9	10	22	250	10.01	1005	AN 33	2	22	100	3.25	650
AN 10	11	22	330	10.01	1005	AN 34	2	22	100	3.25	650
AN 11	8	22	230	10.01	1005	AN 35	2	22	100	3.25	650
AN 12	22	22	470	10.01	1005	AN 36	2	22	100	3.25	650
AN 13	12	22	340	10.01	1005	AN 37	2	22	100	3.25	650
AN 14	22	22	575	10.01	1005	AN 38	2	22	100	3.25	650
AN 15	4	22	320	10.01	1005	AN 39	2	22	100	3.25	650
AN 16	4	22	330	10.01	1005	AN 40	2	22	100	3.25	650
AN 17	4	22	240	10.01	1005	AN 41	2	22	100	3.25	650
AN 18	4	22	670	10.01	1005	AN 42	2	22	100	3.25	650
AN 19	4	22	630	10.01	1005	AN 43	2	22	100	3.25	650
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AN 21	4	22	520	10.01	1005	AN 45	2	22	100	3.25	650
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AN 23	4	22	420	10.01	1005	AN 47	2	22	100	3.25	650
AN 24	4	22	410	10.01	1005	AN 48	2	22	100	3.25	650
AN 25	4	22	370	10.01	1005	AN 49	2	22	100	3.25	650
AN 26	4	22	220	10.01	1005	AN 50	2	22	100	3.25	650
AN 27	4	22	440	10.01	1005	AN 51	2	22	100	3.25	650
AN 28	4	22	540	10.01	1005	AN 52	2	22	100	3.25	650
AN 29	4	22	580	10.01	1005	AN 53	2	22	100	3.25	650
AN 30	4	22	480	10.01	1005	AN 54	2	22	100	3.25	650
AN 31	4	22	580	10.01	1005	AN 55	2	22	100	3.25	650
AN 32	12	22	500	10.01	1005	AN 56	2	22	100	3.25	650
AN 33	12	22	560	10.01	1005	AN 57	2	22	100	3.25	650
AN 34	12	22	230	10.01	1005						
AN 35	22	22	700	10.01	1005						
AN 36	22	22	620	10.01	1005						
AN 37	22	22	520	10.01	1005						
AN 38	18	22	425	10.01	1005						
AN 39	4	22	570	10.01	1005						
AN 40	16	19	400	2.22	835						
AN 41	4	22	500	10.01	1005						
AN 42	2	22	300	10.01	1005						
AN 43	2	22	380	10.01	1005						
AN 44	2	22	300	10.01	1005						
AN 45	2	22	200	10.01	1005						
AN 46	2	22	150	10.01	1005						
AN 47	2	22	170	10.01	1005						
AN 48	2	22	200	10.01	1005						
AN 49	2	22	220	10.01	1005						
AN 50	2	22	310	10.01	1005						
AN 51	2	22	330	10.01	1005						
AN 52	2	22	360	10.01	1005						
AN 53	2	22	380	10.01	1005						
AN 54	2	22	440	10.01	1005						
AN 55	2	22	460	10.01	1005						
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AN 57	2	22	500	10.01	1005						

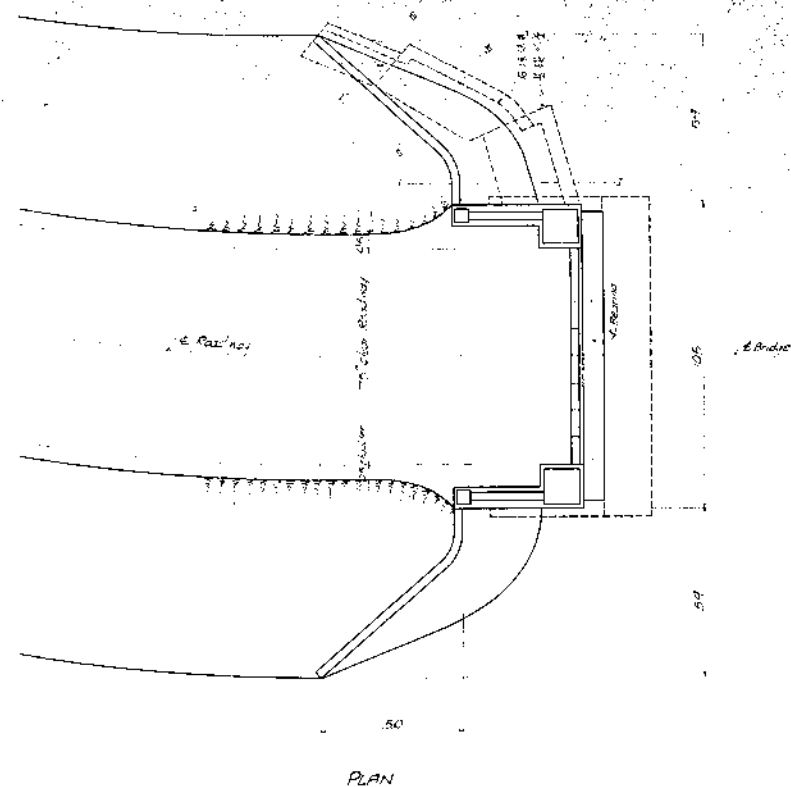
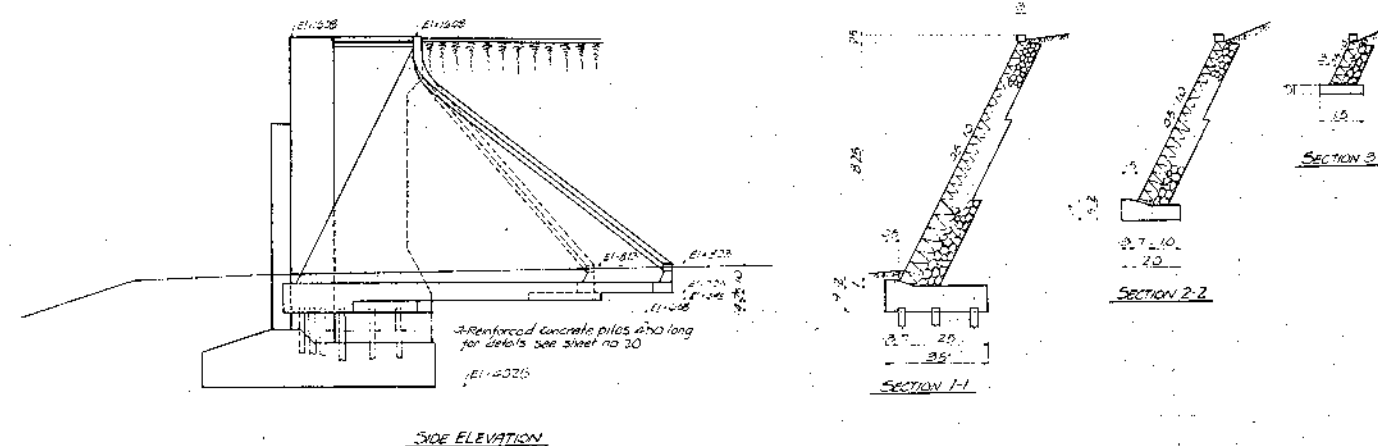
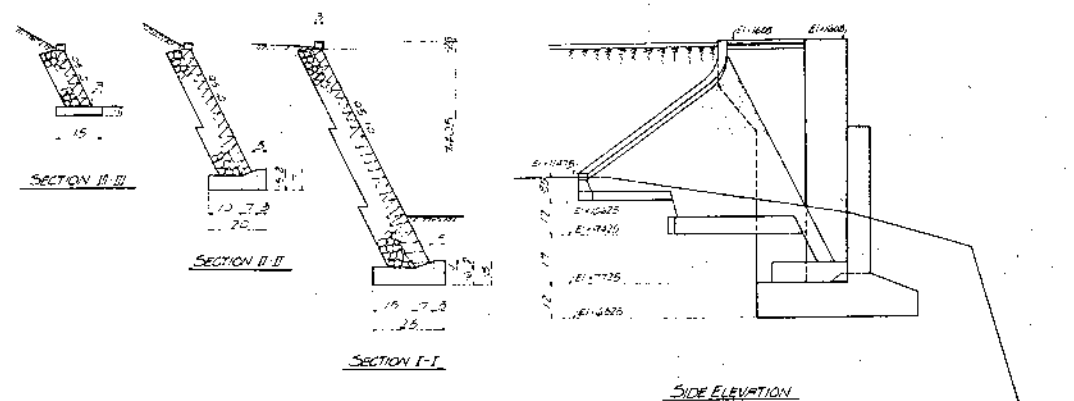
國道客運線
美々津橋設計圖

宮崎縣

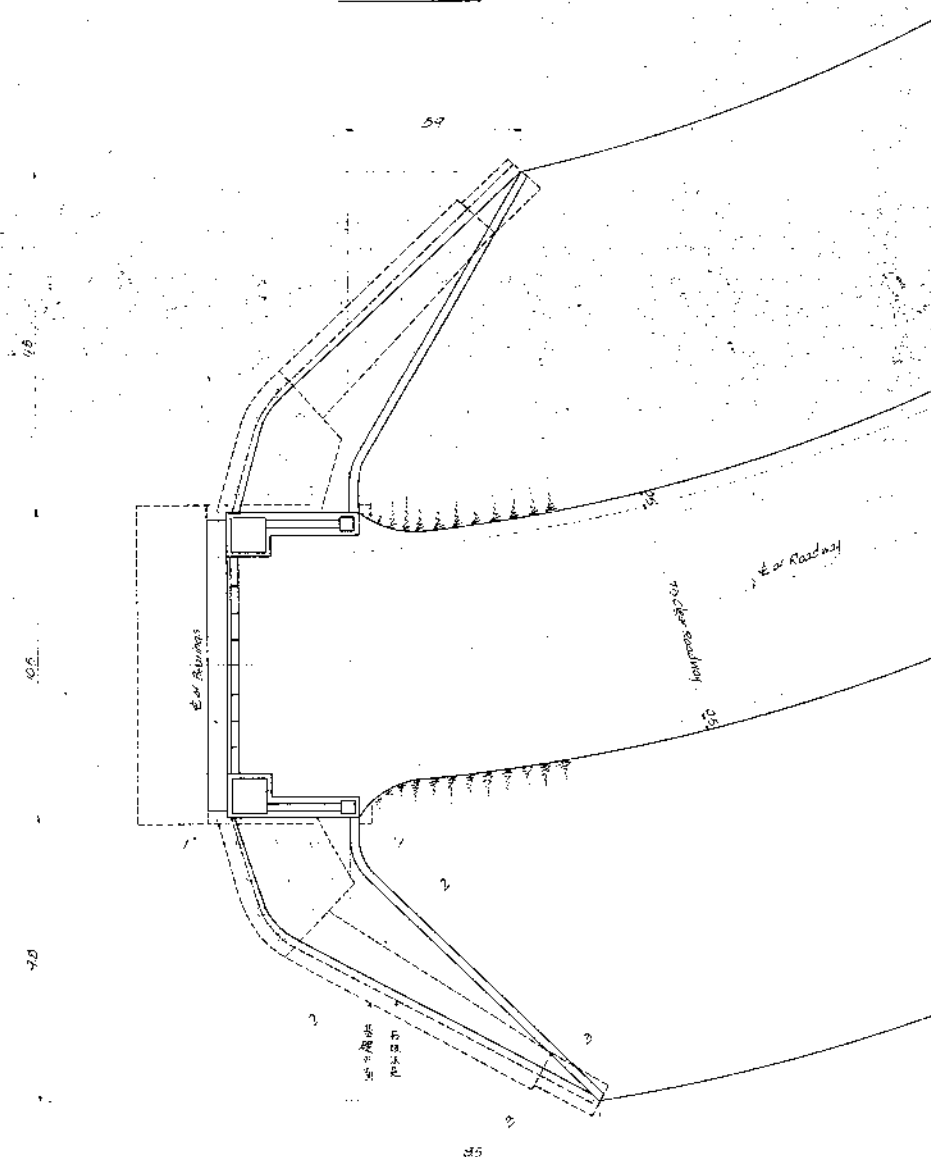
DETAILS OF NORTH ARCH ABUTMENT AN
Scale 1:60

DESIGNED BY	K. S. M. J.	DATE	7-2-79
TRACED BY	T. J.	DATE	7-2-79
CHECKED BY	M. J.	DATE	7-2-79
APPROVED BY		DATE	
CONSTRUCTION ENGINEER			

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DETAILS OF MASONRY WING ON NORTH APPROACH



DETAILS OF MASONRY WING ON SOUTH APPROACH

國道參號線
美々津橋設計圖
宮崎縣

DETAILS OF APPROACH MASONRY WINGS
Scale 1:100

KJ 2 IM 7-2-10
 T 7-2-12
 M 7-2-13

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