

(農林) 50.11

PROJETO DE DESENVOLVIMENTO AGRÍCOLA DO VALE DO RIBEIRA

BRASIL

COLEÇÃO DE PLANTAS

JUNHO 1975

JAPAN INTERNATIONAL COOPERATION AGENCY

(JICA)



國際協力事業団

受入 月日	'87. 4. 13	L703
登録 No.	08424	80.7
		AF

L I S T A D E P L A N T A S

1 Mapa de Localização do Centro de Desenvolvimento Agrícola do Vale do Ribeira (1/50.000)

A-1 Planta Geral do Centro(1/1500)

A-2 Planta Geral do Aterro(1/300)

A-3 Secção Longitudinal e Transversal Padronizada do Aterro(1/300)

A-4 Secção Transversal do Aterro(1/200)

A-5 Plano do Vertedouro(1/100)

A-6 Detalhe das Armaduras do Vertedouro(1/60)

A-7 Planta e Secção Longitudinal do Ladrão(1/1000,1/100)

A-8 Secção Transversal do Ladrão(1) (1/100)

A-9 Secção Transversal do Ladrão(2) (1/100)

A-10 Plano da Ponte de Concreto Armado(1/40)

A-11 Plano da Tomada de Agua (1) (1/100,1/40)

A-12 Plano da Tomada de Agua (2) (1/20)

A-13 Plano da Proteção para Bueiro da Rodovia BR 116 (1/300)

A-14 Planta Geral das Casas e Estradas (1/1000, 1/100)

A-15 Plano das Casas (1) (1/100,1/200)

A-16 Plano das Casas (2) (1/200)

A-17 Secção Longitudinal e Transversal da Estrada(1) (1/1000, 1/100)

A-18 Secção Longitudinal e Transversal da Estrada(2) (1/1000, 1/100)

A-19 Secção Longitudinal e Transversal da Estrada(3) (1/1000, 1/100)

A-20 Secção Transversal da Fundação das Casas(1) (1/200)

A-21 Secção Transversal da Fundação das Casas(2) (1/200)

A-22 Planta Geral das Estradas do Centro da Area do Polder(1/1500)

A-23 Planta Geral do Canal de Irrigação e Dreno (1/1500)

A-24 Secção Longitudinal e Transversal de Acesso No.1 (1) (1/1000,1/100)

A-25 " " " " No.1 (2) "

A-26 " " " " No.2 "

A-27 " " " " No.3 "

A-28 " " " " do Transversal No.1 "

A-29 " " " " No.2 "

A-30 " " " " No.3 "

A-31 " " " " No.4(1) "

A-32 " " " " No.4(2) "

A-33 " " " " No.5(1) "

A-34 " " " " No.5(2) "

A-35 " " " " No.6(1) "

A-36 " " " " No.6(2) "

A-37 " " " " Marginal (1) "

A-38 " " " " (2) "

A-39 Secção Longitudinal e Transversal do Marginal (3) (1/1000,1/100)

A-40 " " " " (4) "

A-41 " " " " (5) "

A-42 " " " " (6) "

A-43 Detalhe do Bueiro e Caixa de Distribuição (1/100, 1/50, 1/20)

A-44 Plano de Irrigação por Asperção (1) (1/1500)

A-45 " " " " (2) (1/100, 1/30)

A-46 Plano de Nivelamento do Solo (1/1500)

A-47 Plano Geral da Casa de Bomba (1/100)

A-48 Detalhe das Armaduras da Parede da Casa de Bomba

A-49 Detalhe das Armaduras da Entrada da Casa de Bomba(1)

A-50 " " " " " " (2)

A-51 " " " Caixa " " (1)

A-52 " " " " " " (2)

A-53 " " " " " " (3)

A-54 " " " do Tubo de Descarga Usual

A-55 " " " da Caixa de Elevação (1)

A-56 " " " " " (2)

A-57 " " " do Tubo de Descarga (1)

A-58 " " " " " (2)

A-59 " " " " " (3)

A-60 " " " " " (4)

A-61 " " Obras de Escada e Bomba

A-62 Plano do Movimento do Solo da Casa de Bomba

B-1 Planta Geral da Area de Demonstração do Polder Itopamirim de Sete Barras 1/2000

B-2 Plano do Dique do Polder Itopamirim(1)

B-3 " " " " (2)

B-4 Plano Geral da Casa de Bomba do Polder Itopamirim

B-5 Plano Geral da Comporta para Tomada de Agua do Polder Itopamirim

C-1 Planta Geral da Area de Demonstração do Polder Boa Vista, de Registro (1/200)

C-2 Plano do Dique do Polder Boa Vista (1)

C-3 " " " " " (2)

C-4 " Geral da Casa de Bomba do Polder Boa Vista

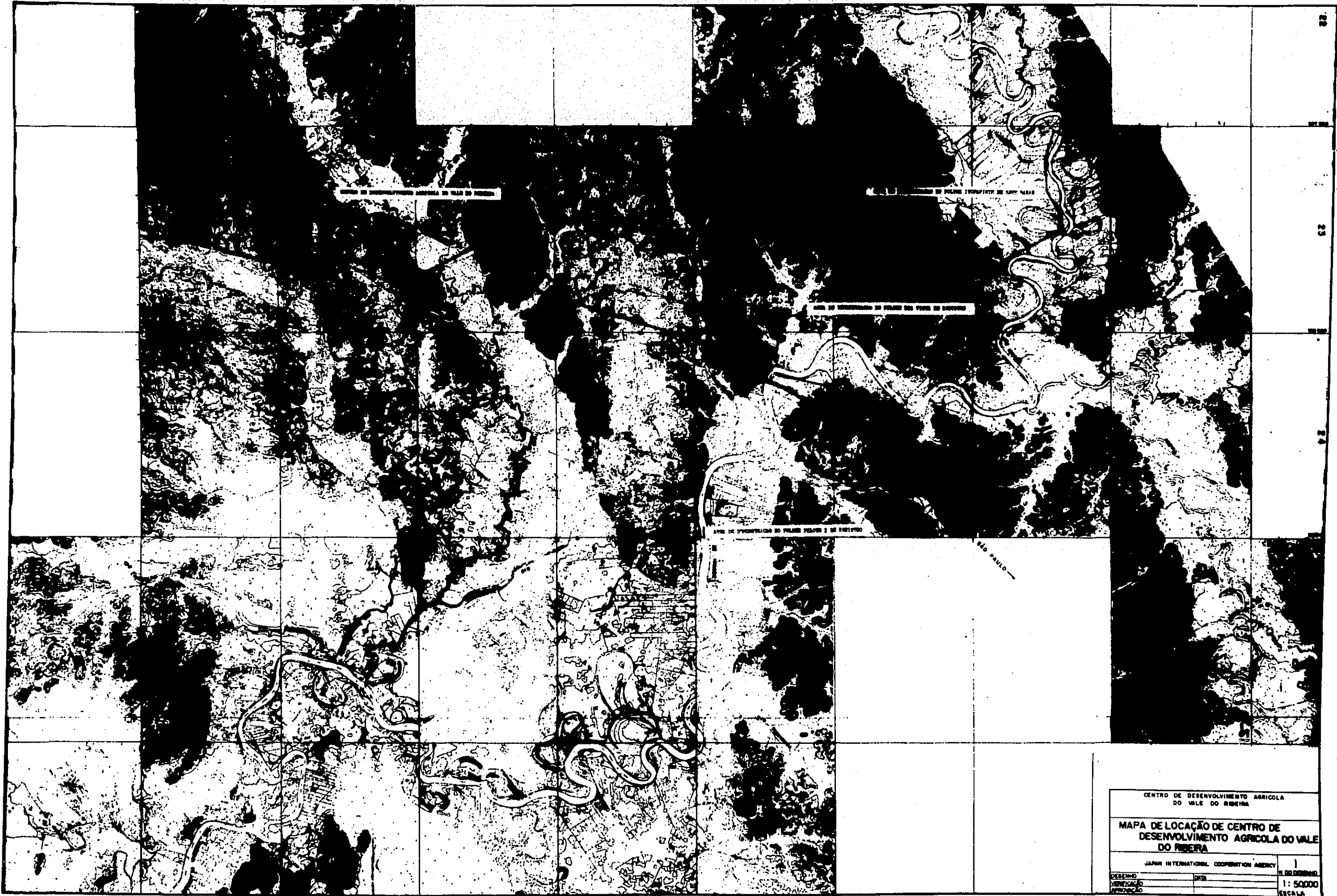
C-5 " " Comporta para Tomada de Agua do Polder Boa Vista

D-1 Planta Geral da Area de Demonstração do Polder Piloto I, de Registro

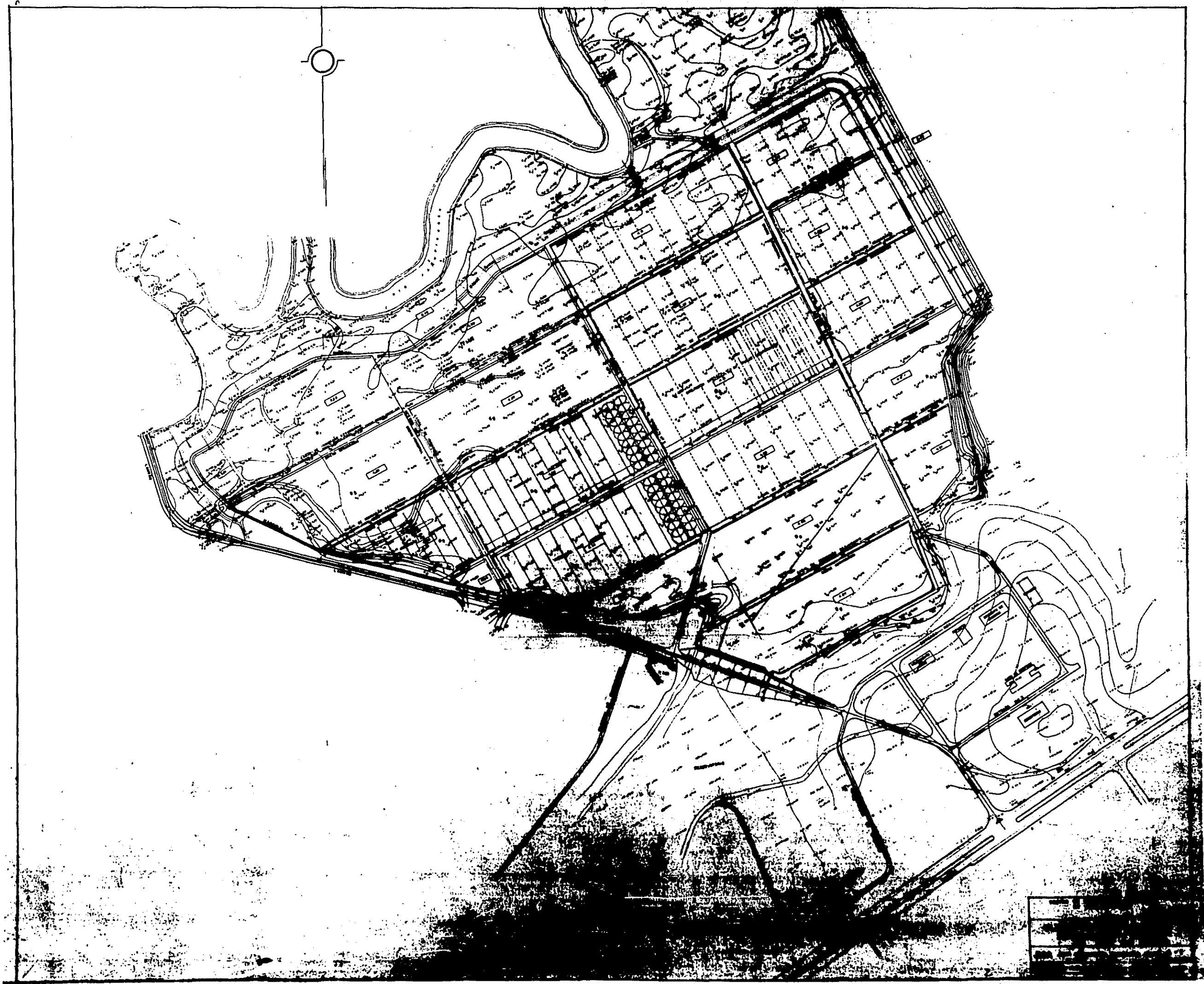
LIBRARY



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CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA	
MAPA DE LOCAÇÃO DE CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA	
JAPAN INTERNATIONAL COOPERATION AGENCY	
DESENHO	1
REVISÃO	11.02.1962
APROVAÇÃO	1: 50000
	ESCALA



PLANTA GERAL DO ATERRO

0 - 1 : 200

RESERVATÓRIOS

TERRA DE RESERVA

ALINHAMENTO

ALINHAMENTO

PROTEÇÃO DE PORMA

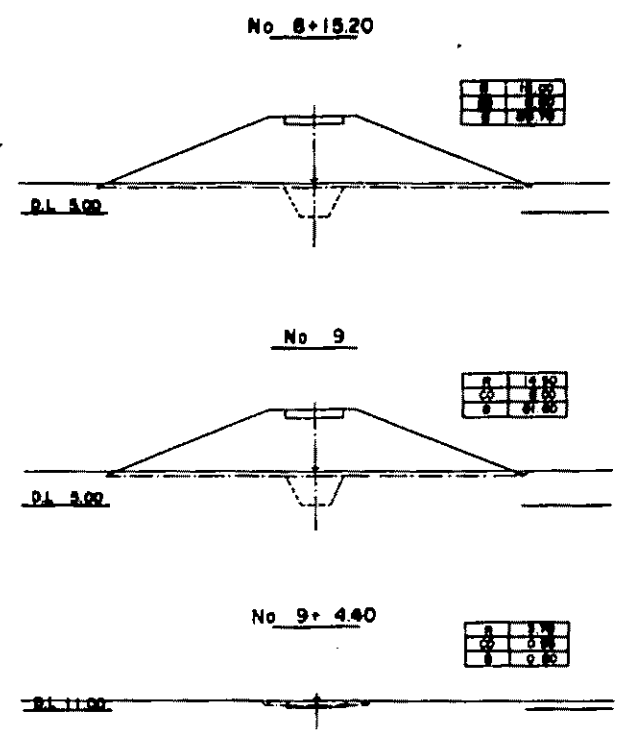
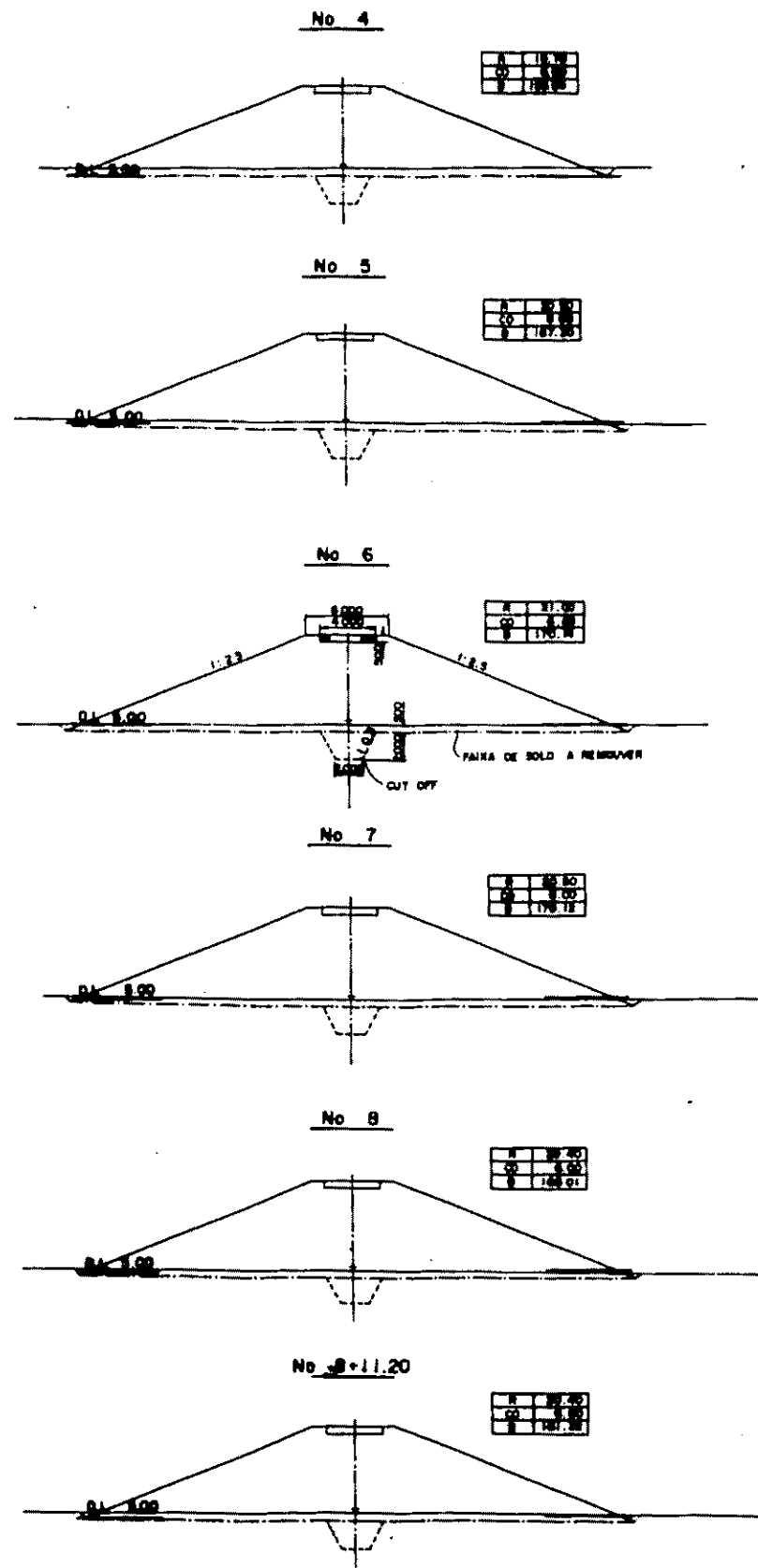
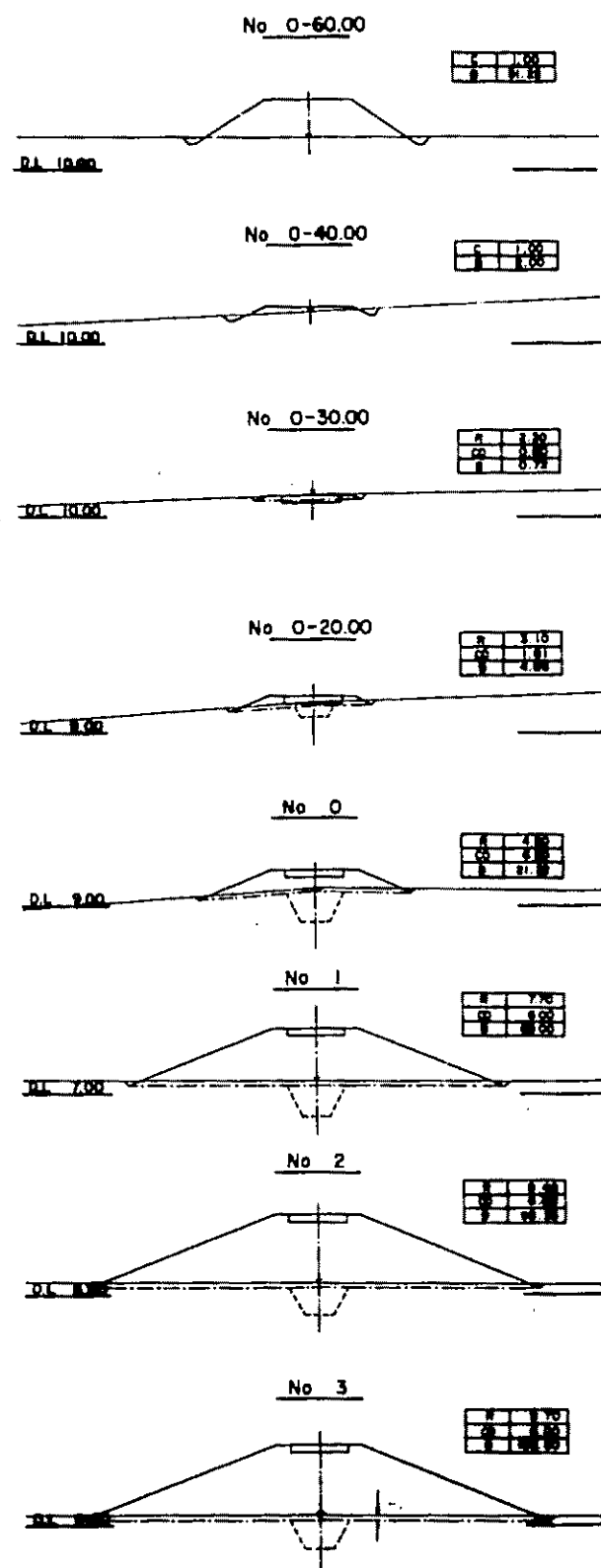
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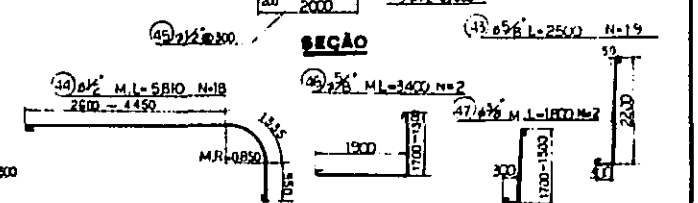
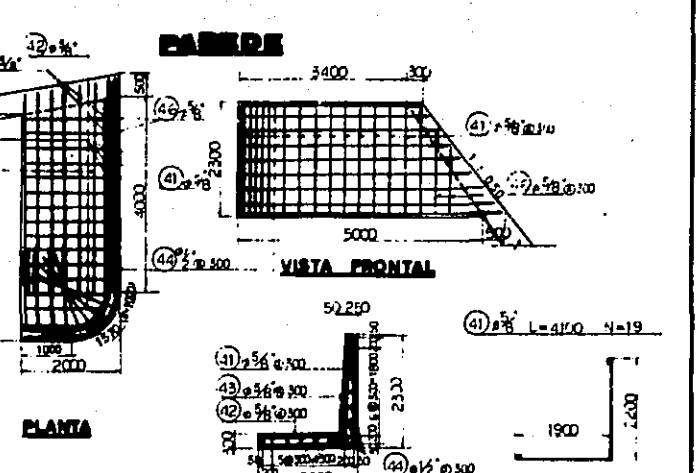
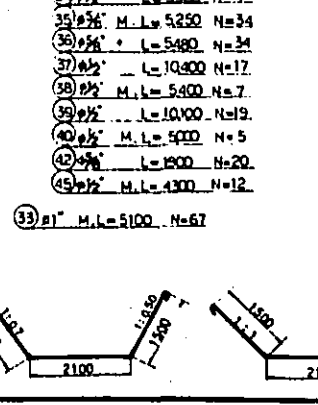
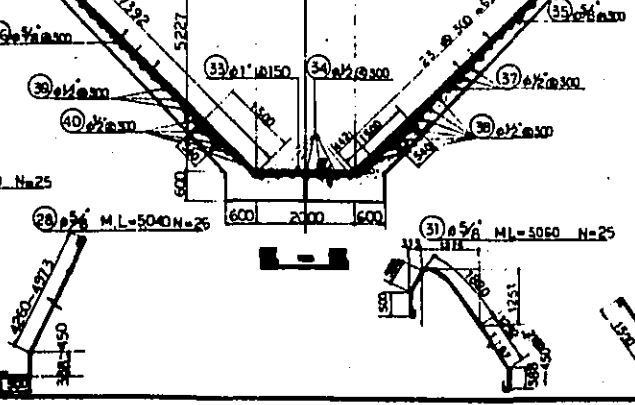
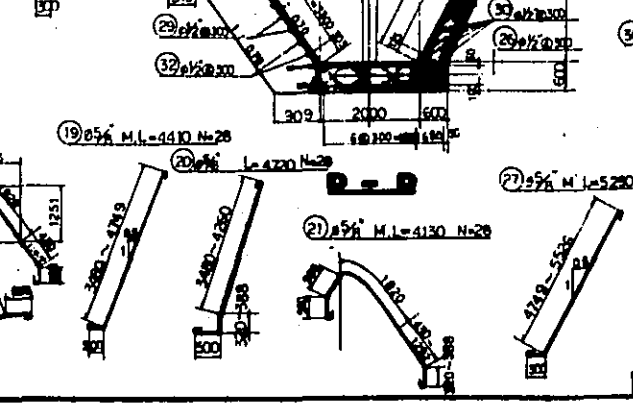
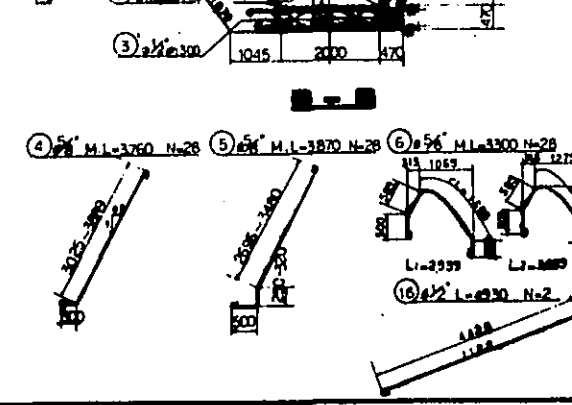
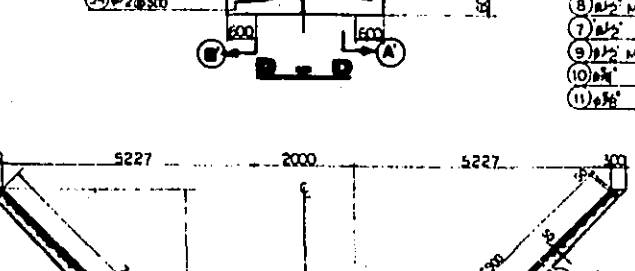
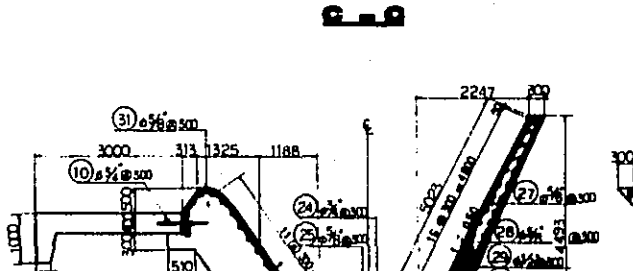
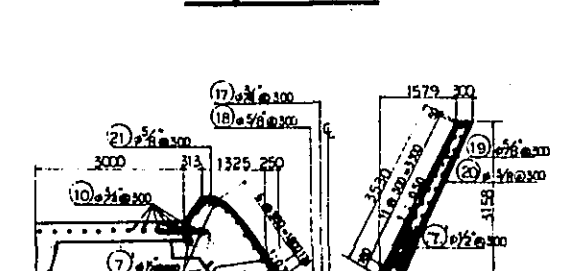
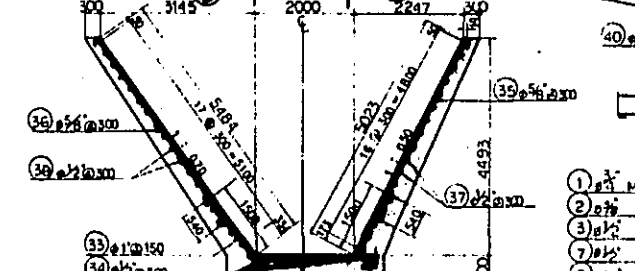
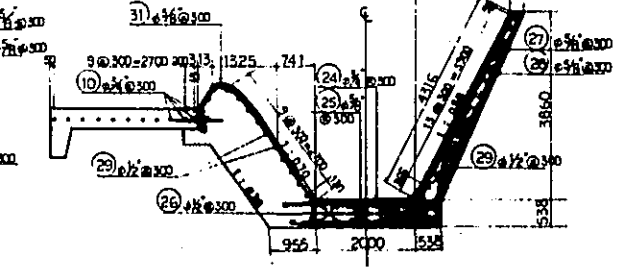
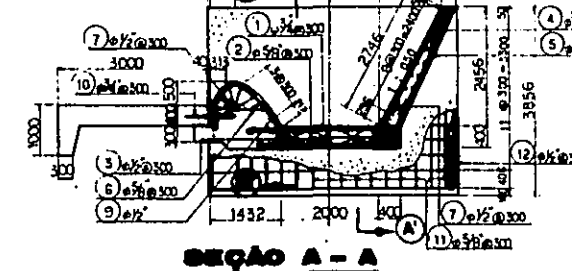
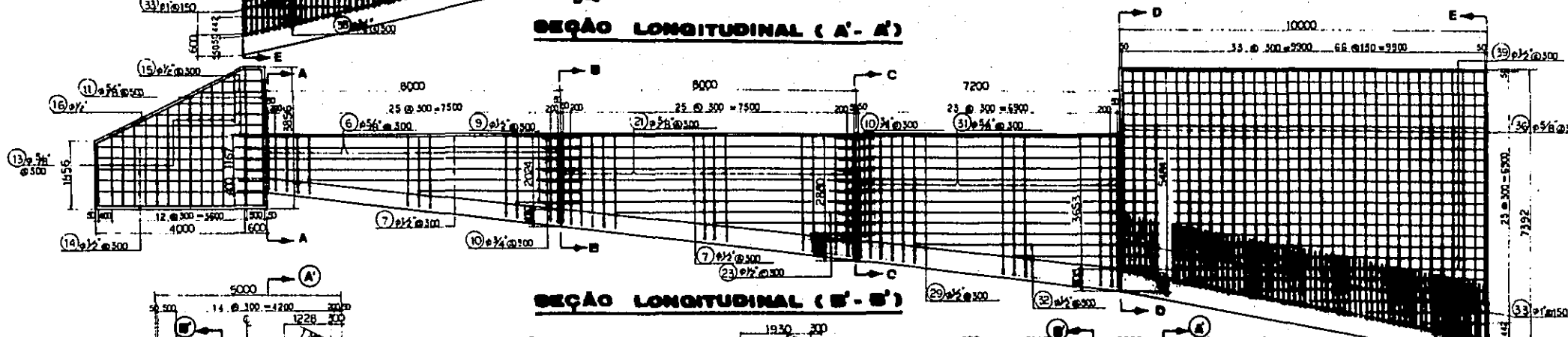
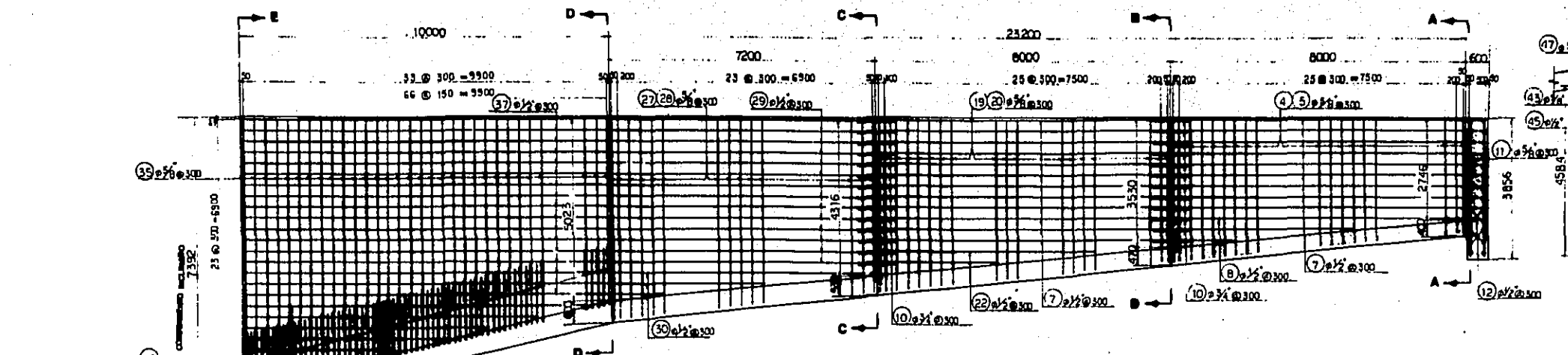
CENTRO DE DESENVOLVIMENTO TECNOLÓGICO DE SÃO PAULO	
PLANTA GERAL DO ATERRO	
JICA	A-2
1980	1:200
1980	1980



R : ÁREA DE SOLO A REMOVER
 CO : ÁREA DE CUT OFF
 B : ÁREA DE SOLO ARRETOURADO
 C : ESCAVAÇÃO

ESCALA 1 : 200

CENTRO DE DESENVOLVIMENTO AGRÍCOLA DO VALE DO RIOPIRA		
SEÇÃO TRANSVERSAL DO ATUADO		
JICA	AGÊNCIA INTERNACIONAL DE COOPERAÇÃO JAPONESA	A-4
PROJETO	---	1 : 200
FECHA	---	ESCALA



QUANTIDADE DE ARMADURA

POS	COMP	INVERTA	ARMADURA	C. TOTAL	PREÇO UNITÁRIO	PREÇO TOTAL
1	2.7	0.1	0.1	0.1	2.10	2.10
2	2.7	0.1	0.1	0.1	2.10	2.10
3	2.7	0.1	0.1	0.1	2.10	2.10
4	2.7	0.1	0.1	0.1	2.10	2.10
5	2.7	0.1	0.1	0.1	2.10	2.10
6	2.7	0.1	0.1	0.1	2.10	2.10
7	2.7	0.1	0.1	0.1	2.10	2.10
8	2.7	0.1	0.1	0.1	2.10	2.10
9	2.7	0.1	0.1	0.1	2.10	2.10
10	2.7	0.1	0.1	0.1	2.10	2.10
11	2.7	0.1	0.1	0.1	2.10	2.10
12	2.7	0.1	0.1	0.1	2.10	2.10
13	2.7	0.1	0.1	0.1	2.10	2.10
14	2.7	0.1	0.1	0.1	2.10	2.10
15	2.7	0.1	0.1	0.1	2.10	2.10
16	2.7	0.1	0.1	0.1	2.10	2.10
17	2.7	0.1	0.1	0.1	2.10	2.10
18	2.7	0.1	0.1	0.1	2.10	2.10
19	2.7	0.1	0.1	0.1	2.10	2.10
20	2.7	0.1	0.1	0.1	2.10	2.10
21	2.7	0.1	0.1	0.1	2.10	2.10
22	2.7	0.1	0.1	0.1	2.10	2.10
23	2.7	0.1	0.1	0.1	2.10	2.10
24	2.7	0.1	0.1	0.1	2.10	2.10
25	2.7	0.1	0.1	0.1	2.10	2.10
26	2.7	0.1	0.1	0.1	2.10	2.10
27	2.7	0.1	0.1	0.1	2.10	2.10
28	2.7	0.1	0.1	0.1	2.10	2.10
29	2.7	0.1	0.1	0.1	2.10	2.10
30	2.7	0.1	0.1	0.1	2.10	2.10
31	2.7	0.1	0.1	0.1	2.10	2.10
32	2.7	0.1	0.1	0.1	2.10	2.10
33	2.7	0.1	0.1	0.1	2.10	2.10
34	2.7	0.1	0.1	0.1	2.10	2.10
35	2.7	0.1	0.1	0.1	2.10	2.10
36	2.7	0.1	0.1	0.1	2.10	2.10
37	2.7	0.1	0.1	0.1	2.10	2.10
38	2.7	0.1	0.1	0.1	2.10	2.10
39	2.7	0.1	0.1	0.1	2.10	2.10
40	2.7	0.1	0.1	0.1	2.10	2.10
41	2.7	0.1	0.1	0.1	2.10	2.10
42	2.7	0.1	0.1	0.1	2.10	2.10
43	2.7	0.1	0.1	0.1	2.10	2.10
44	2.7	0.1	0.1	0.1	2.10	2.10
45	2.7	0.1	0.1	0.1	2.10	2.10
46	2.7	0.1	0.1	0.1	2.10	2.10
47	2.7	0.1	0.1	0.1	2.10	2.10
48	2.7	0.1	0.1	0.1	2.10	2.10
49	2.7	0.1	0.1	0.1	2.10	2.10
50	2.7	0.1	0.1	0.1	2.10	2.10
51	2.7	0.1	0.1	0.1	2.10	2.10
52	2.7	0.1	0.1	0.1	2.10	2.10
53	2.7	0.1	0.1	0.1	2.10	2.10
54	2.7	0.1	0.1	0.1	2.10	2.10
55	2.7	0.1	0.1	0.1	2.10	2.10
56	2.7	0.1	0.1	0.1	2.10	2.10
57	2.7	0.1	0.1	0.1	2.10	2.10
58	2.7	0.1	0.1	0.1	2.10	2.10
59	2.7	0.1	0.1	0.1	2.10	2.10
60	2.7	0.1	0.1	0.1	2.10	2.10
61	2.7	0.1	0.1	0.1	2.10	2.10
62	2.7	0.1	0.1	0.1	2.10	2.10
63	2.7	0.1	0.1	0.1	2.10	2.10
64	2.7	0.1	0.1	0.1	2.10	2.10
65	2.7	0.1	0.1	0.1	2.10	2.10
66	2.7	0.1	0.1	0.1	2.10	2.10
67	2.7	0.1	0.1	0.1	2.10	2.10
68	2.7	0.1	0.1	0.1	2.10	2.10
69	2.7	0.1	0.1	0.1	2.10	2.10
70	2.7	0.1	0.1	0.1	2.10	2.10
71	2.7	0.1	0.1	0.1	2.10	2.10
72	2.7	0.1	0.1	0.1	2.10	2.10
73	2.7	0.1	0.1	0.1	2.10	2.10
74	2.7	0.1	0.1	0.1	2.10	2.10
75	2.7	0.1	0.1	0.1	2.10	2.10
76	2.7	0.1	0.1	0.1	2.10	2.10
77	2.7	0.1	0.1	0.1	2.10	2.10
78	2.7	0.1	0.1	0.1	2.10	2.10
79	2.7	0.1	0.1	0.1	2.10	2.10
80	2.7	0.1	0.1	0.1	2.10	2.10
81	2.7	0.1	0.1	0.1	2.10	2.10
82	2.7	0.1	0.1	0.1	2.10	2.10
83	2.7	0.1	0.1	0.1	2.10	2.10
84	2.7	0.1	0.1	0.1	2.10	2.10
85	2.7	0.1	0.1	0.1	2.10	2.10
86	2.7	0.1	0.1	0.1	2.10	2.10
87	2.7	0.1	0.1	0.1	2.10	2.10
88	2.7	0.1	0.1	0.1	2.10	2.10
89	2.7	0.1	0.1	0.1	2.10	2.10
90	2.7	0.1	0.1	0.1	2.10	2.10
91	2.7	0.1	0.1	0.1	2.10	2.10
92	2.7	0.1	0.1	0.1	2.10	2.10
93	2.7	0.1	0.1	0.1	2.10	2.10
94	2.7	0.1	0.1	0.1	2.10	2.10
95	2.7	0.1	0.1	0.1	2.10	2.10
96	2.7	0.1	0.1	0.1	2.10	2.10
97	2.7	0.1	0.1	0.1	2.10	2.10
98	2.7	0.1	0.1	0.1	2.10	2.10
99	2.7	0.1	0.1	0.1	2.10	2.10
100	2.7	0.1	0.1	0.1	2.10	2.10

ESCALA - 1:60

CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBESBA

DETALHE DAS ARMADURAS DO VERTICEDURO

JICA JAPAN INTERNATIONAL COOPERATION AGENCY

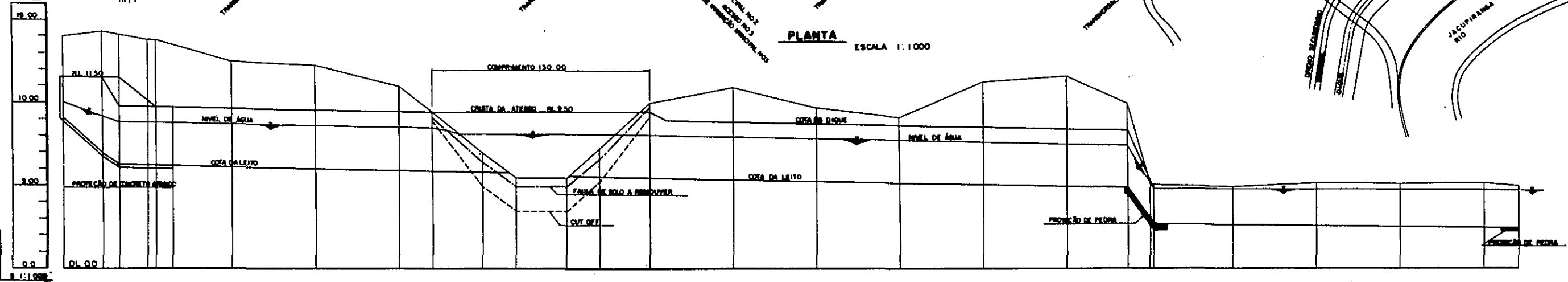
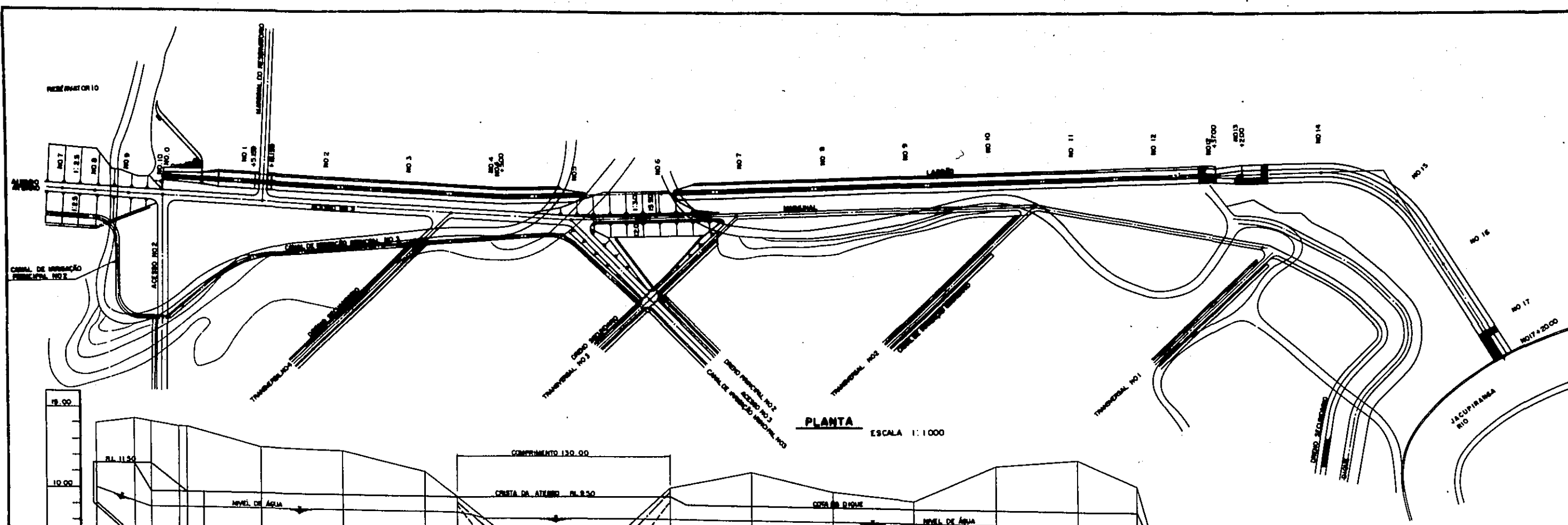
PROJETO: ...

ARQUITETO: ...

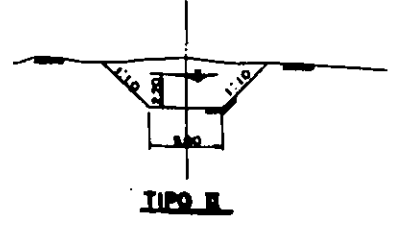
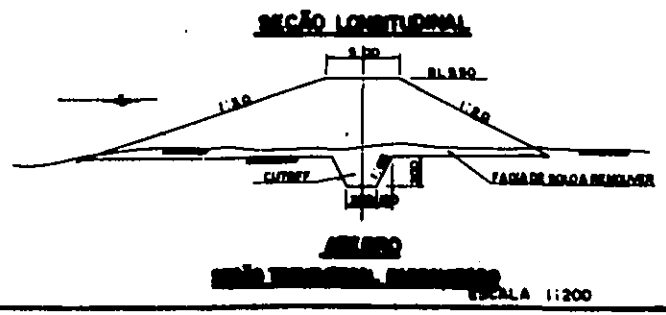
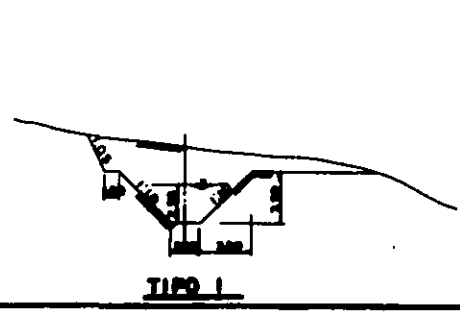
ENGENHEIRO: ...

DATA: ...

ESCALA: 1:60



NO.	DIST.	SEÇÃO I		SEÇÃO II		SEÇÃO III		SEÇÃO IV		SEÇÃO V	
		TIPO I	TIPO II	TIPO I	TIPO II	TIPO I	TIPO II	TIPO I	TIPO II	TIPO I	TIPO II
001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
002	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
003	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
004	45.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
005	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
006	75.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
007	90.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
008	105.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
009	120.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
010	135.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
011	150.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
012	165.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
013	180.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
014	195.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
015	210.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
016	225.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
017	240.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
018	255.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
019	270.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
020	285.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



CENTRO DE DESENVOLVIMENTO AGRÍCOLA DO VALE DO RIBEIRA

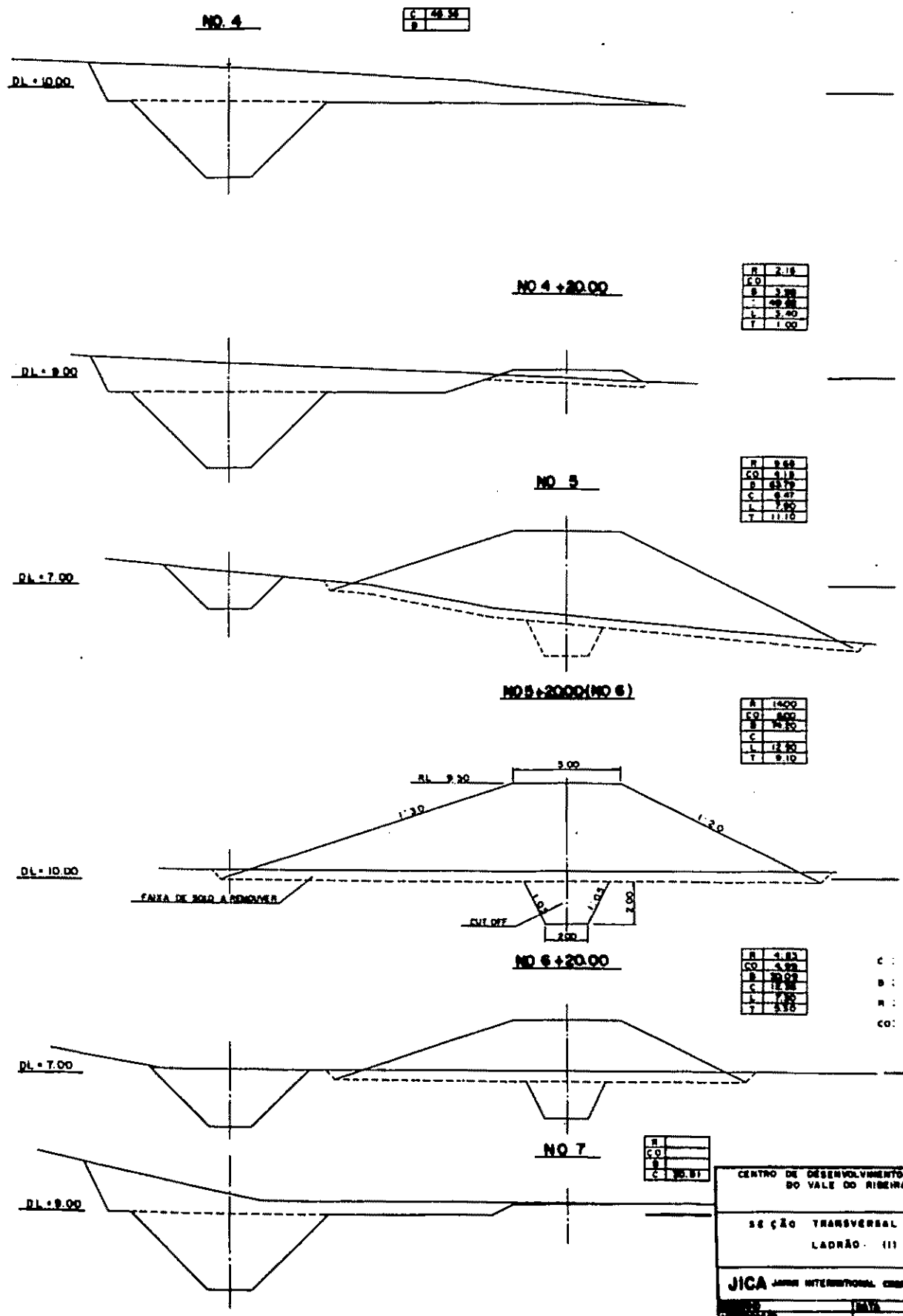
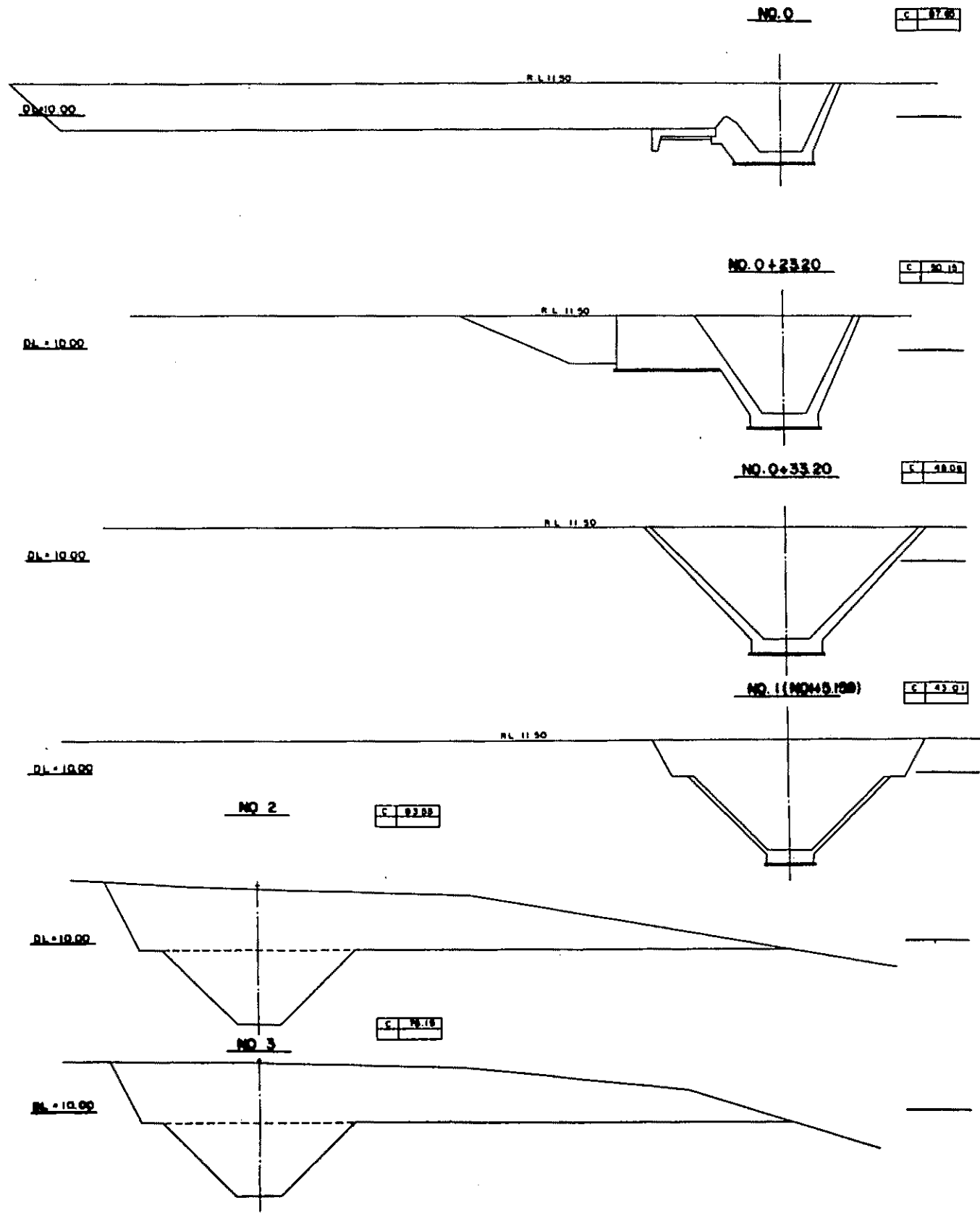
PLANTA E SEÇÃO LONGITUDINAL DO LADEÃO

JICA JAPAN INTERNATIONAL COOPERATION AGENCY A-7

ESCALA 1:1000

DATA

ESCALA



R	2.16
CO	3.00
B	3.00
L	3.00
T	1.00

R	2.68
CO	3.12
B	63.72
C	8.47
L	7.00
T	11.10

R	14.00
CO	8.00
B	14.00
L	12.00
T	8.10

R	4.82
CO	5.28
B	30.00
C	17.00
L	7.00
T	4.50

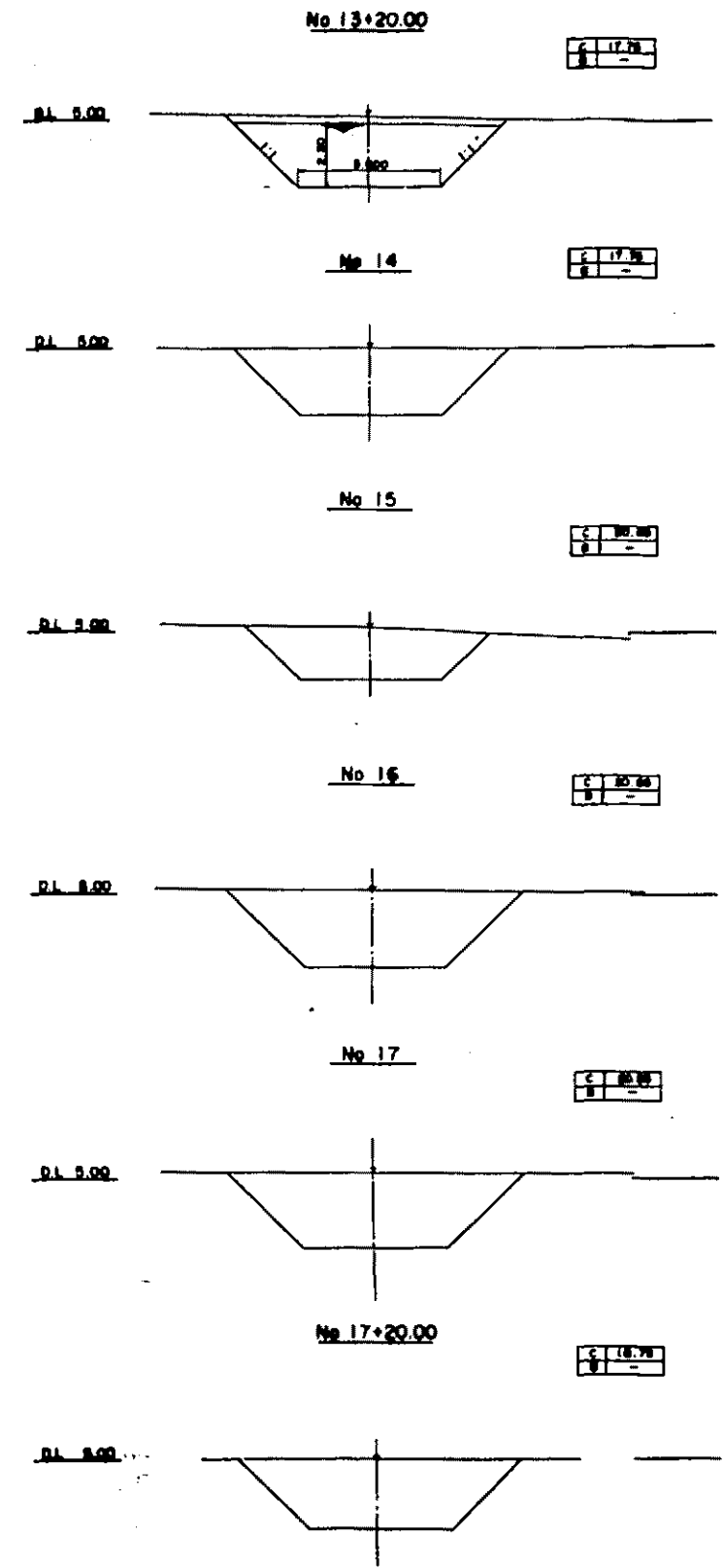
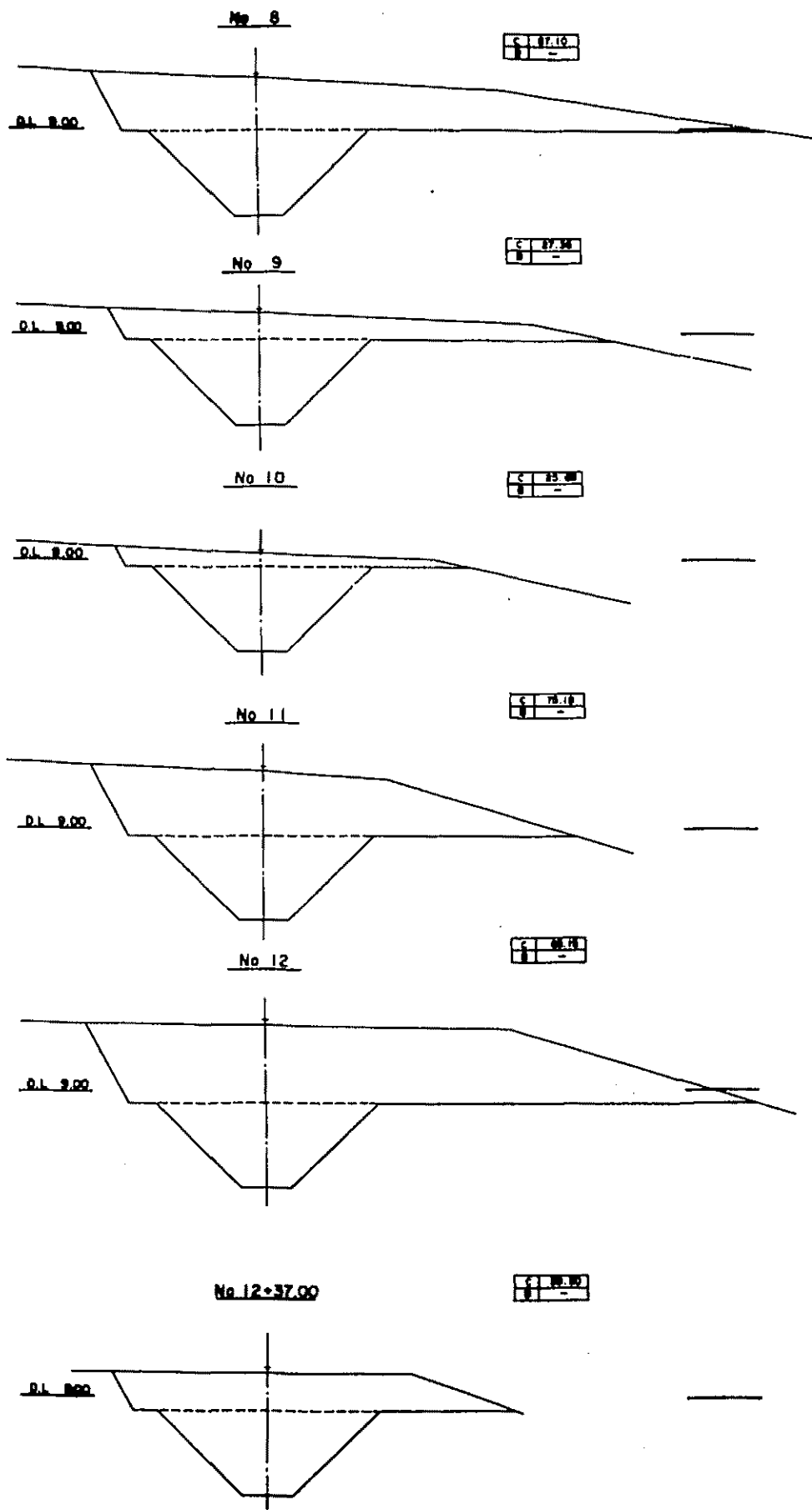
NOTA
 C : ESCAVAÇÃO
 B : SOLA AMONTADO
 R : SOLA A REMOVER
 CO : CUT OFF

CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA

SEÇÃO TRANSVERSAL DO LADRÃO - III

JICA JAPAN INTERNATIONAL COOPERATION AGENCY A - 8

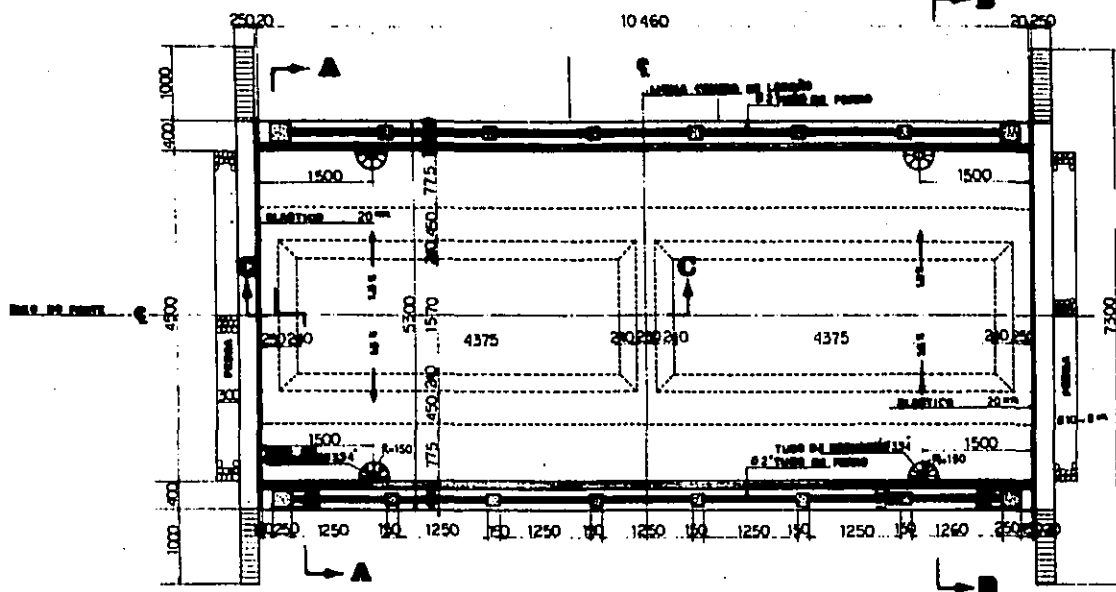
1:100 ESCALA



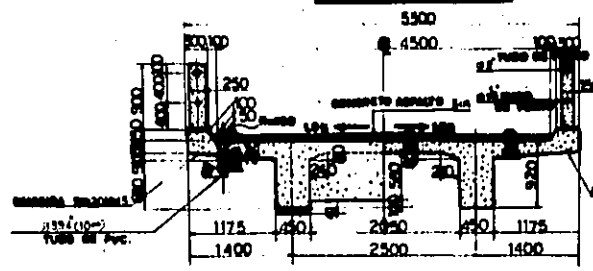
NOTA
 C : ESCURVAÇÃO
 B : SOLO ABERTURO
 ESCALA 1:100

CENTRO DE DESENVOLVIMENTO TECNOLÓGICO DO VILA DO GIARDIA	
UNIDADE TECNOLÓGICA DE LACERDA (18)	
JICA	A-9
1:100	1:100

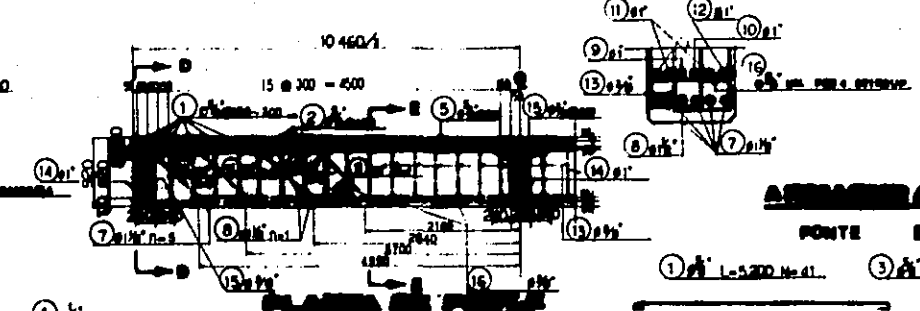
PLANTA



SEÇÃO A-A

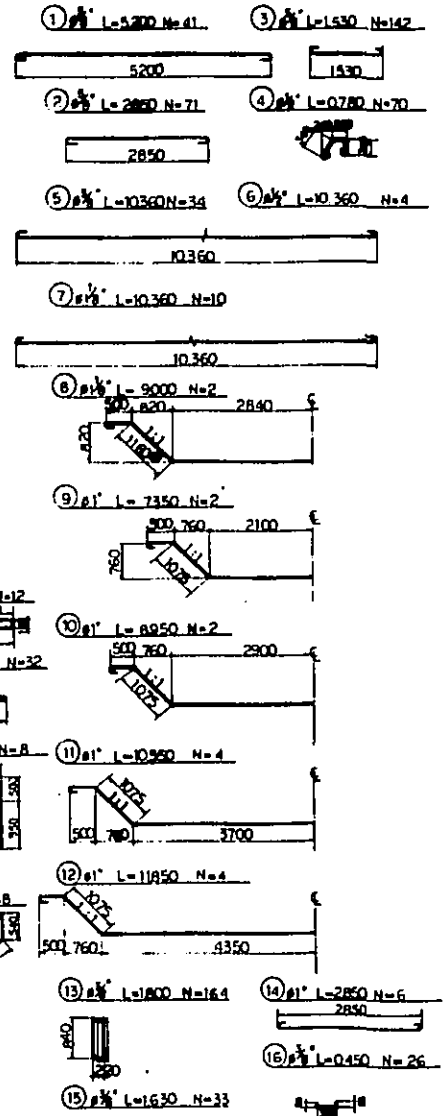


SEÇÃO C-C

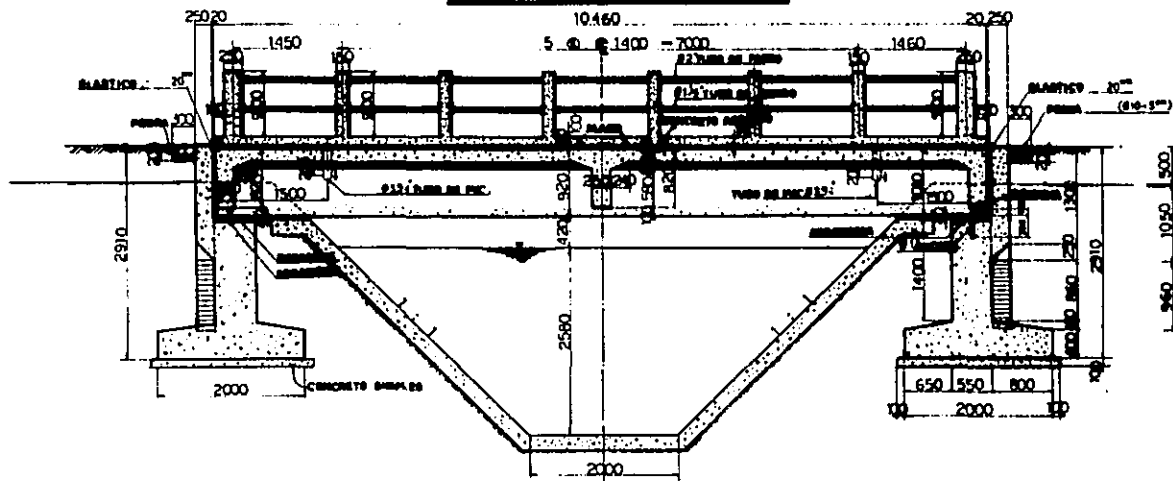


ARMADURA

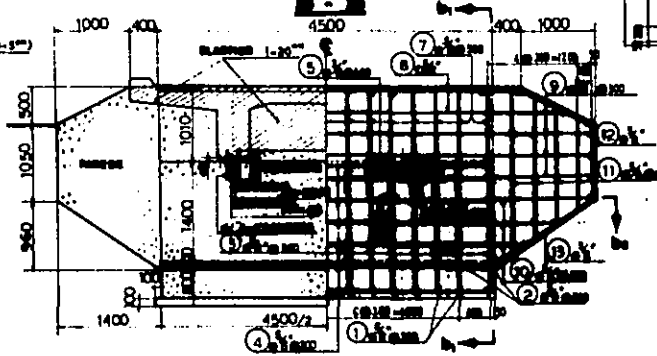
PONTE BEMALHO



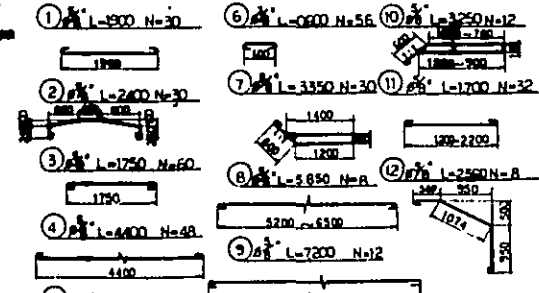
SEÇÃO LONGITUDINAL



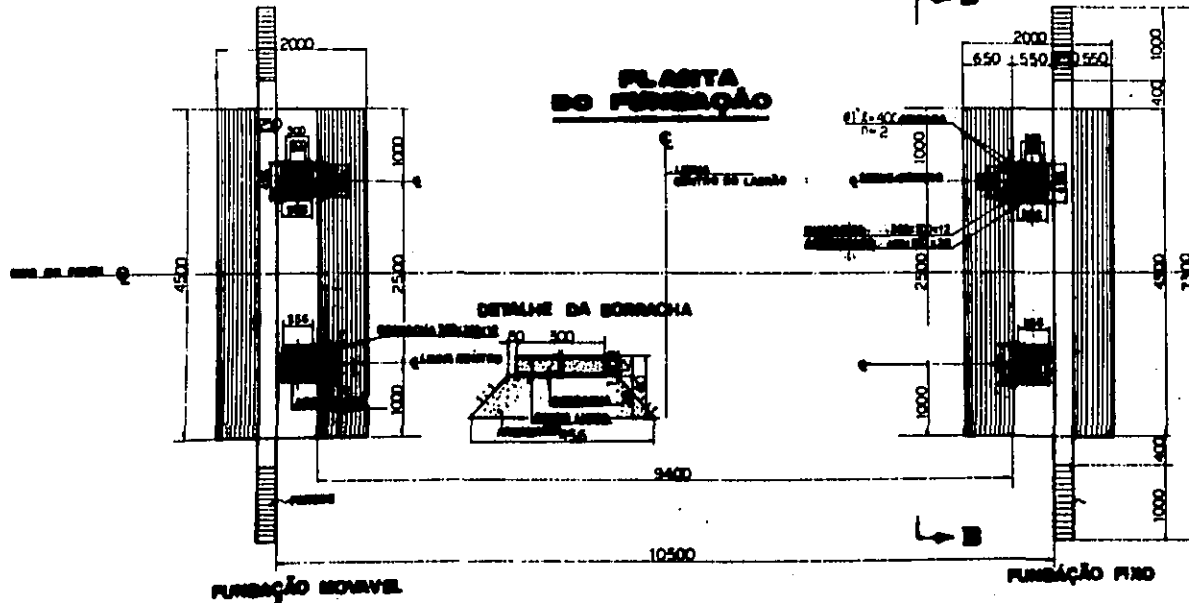
VISTA FRONTAL



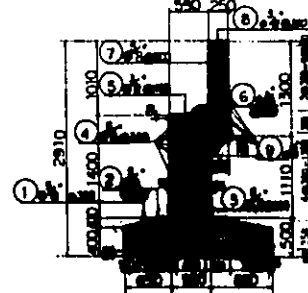
FUNDÇÃO



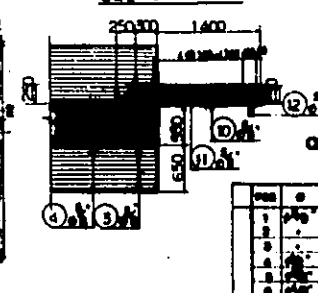
PLANTA DO FUNDAMENTO



SEÇÃO M-M



SEÇÃO N-N



CANALHÃO DE ARMADURA

ITEM	QTD	COMPR.	T.	DIAM.	CLASSE	ESTIMADA	PREÇO UN.	VALOR	REMARKS
1	1	2.50		10	A-32	2.50	6.00	15.00	
2	1	2.00		10	A-32	2.00	6.00	12.00	
3	1	2.00		10	A-32	2.00	6.00	12.00	
4	1	2.00		10	A-32	2.00	6.00	12.00	
5	1	2.00		10	A-32	2.00	6.00	12.00	
6	1	2.00		10	A-32	2.00	6.00	12.00	
7	1	2.00		10	A-32	2.00	6.00	12.00	
8	1	2.00		10	A-32	2.00	6.00	12.00	
9	1	2.00		10	A-32	2.00	6.00	12.00	
10	1	2.00		10	A-32	2.00	6.00	12.00	
11	1	2.00		10	A-32	2.00	6.00	12.00	
12	1	2.00		10	A-32	2.00	6.00	12.00	
13	1	2.00		10	A-32	2.00	6.00	12.00	
14	1	2.00		10	A-32	2.00	6.00	12.00	
15	1	2.00		10	A-32	2.00	6.00	12.00	
16	1	2.00		10	A-32	2.00	6.00	12.00	
17	1	2.00		10	A-32	2.00	6.00	12.00	
18	1	2.00		10	A-32	2.00	6.00	12.00	
19	1	2.00		10	A-32	2.00	6.00	12.00	
20	1	2.00		10	A-32	2.00	6.00	12.00	
21	1	2.00		10	A-32	2.00	6.00	12.00	
22	1	2.00		10	A-32	2.00	6.00	12.00	
23	1	2.00		10	A-32	2.00	6.00	12.00	
24	1	2.00		10	A-32	2.00	6.00	12.00	
25	1	2.00		10	A-32	2.00	6.00	12.00	
26	1	2.00		10	A-32	2.00	6.00	12.00	
27	1	2.00		10	A-32	2.00	6.00	12.00	
28	1	2.00		10	A-32	2.00	6.00	12.00	
29	1	2.00		10	A-32	2.00	6.00	12.00	
30	1	2.00		10	A-32	2.00	6.00	12.00	
31	1	2.00		10	A-32	2.00	6.00	12.00	
32	1	2.00		10	A-32	2.00	6.00	12.00	
33	1	2.00		10	A-32	2.00	6.00	12.00	
34	1	2.00		10	A-32	2.00	6.00	12.00	
35	1	2.00		10	A-32	2.00	6.00	12.00	
36	1	2.00		10	A-32	2.00	6.00	12.00	
37	1	2.00		10	A-32	2.00	6.00	12.00	
38	1	2.00		10	A-32	2.00	6.00	12.00	
39	1	2.00		10	A-32	2.00	6.00	12.00	
40	1	2.00		10	A-32	2.00	6.00	12.00	
41	1	2.00		10	A-32	2.00	6.00	12.00	
42	1	2.00		10	A-32	2.00	6.00	12.00	
43	1	2.00		10	A-32	2.00	6.00	12.00	
44	1	2.00		10	A-32	2.00	6.00	12.00	
45	1	2.00		10	A-32	2.00	6.00	12.00	
46	1	2.00		10	A-32	2.00	6.00	12.00	
47	1	2.00		10	A-32	2.00	6.00	12.00	
48	1	2.00		10	A-32	2.00	6.00	12.00	
49	1	2.00		10	A-32	2.00	6.00	12.00	
50	1	2.00		10	A-32	2.00	6.00	12.00	

ESCALA 1:40

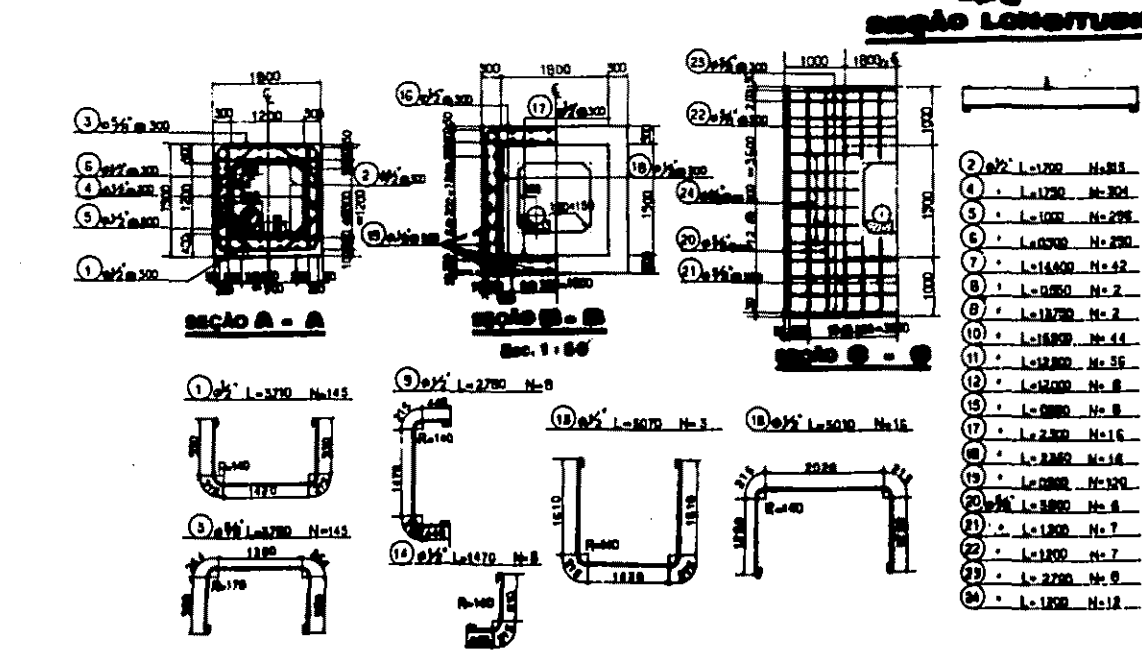
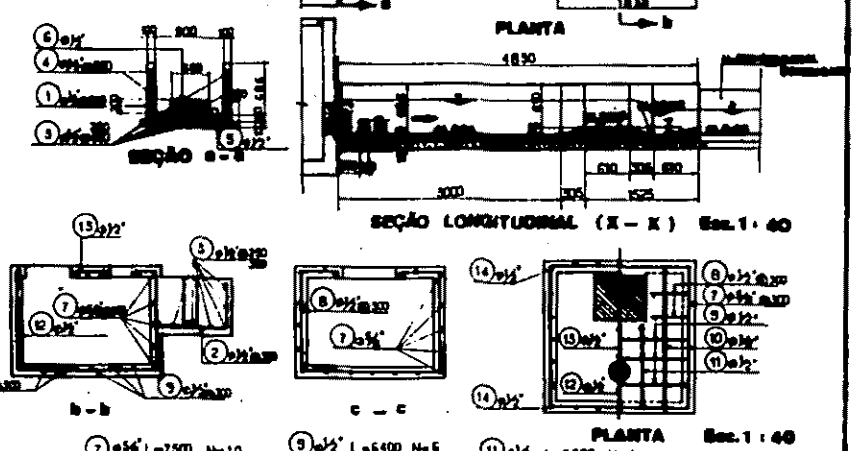
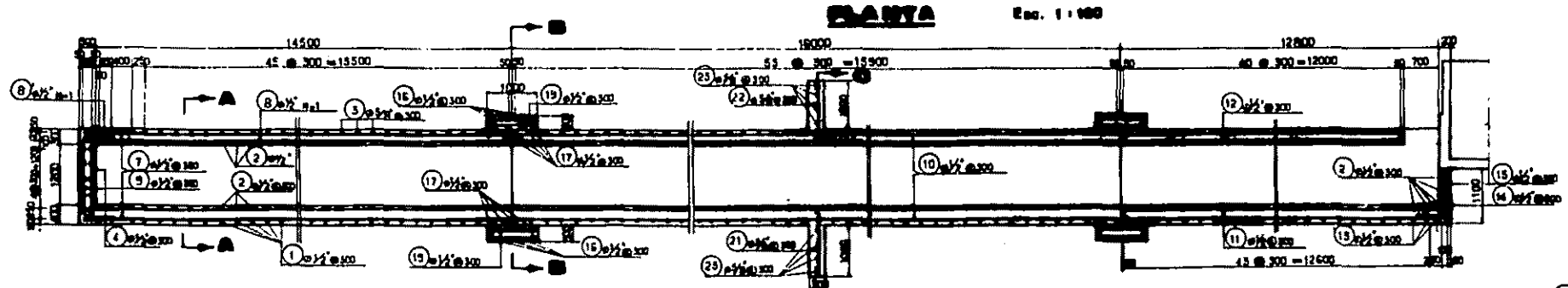
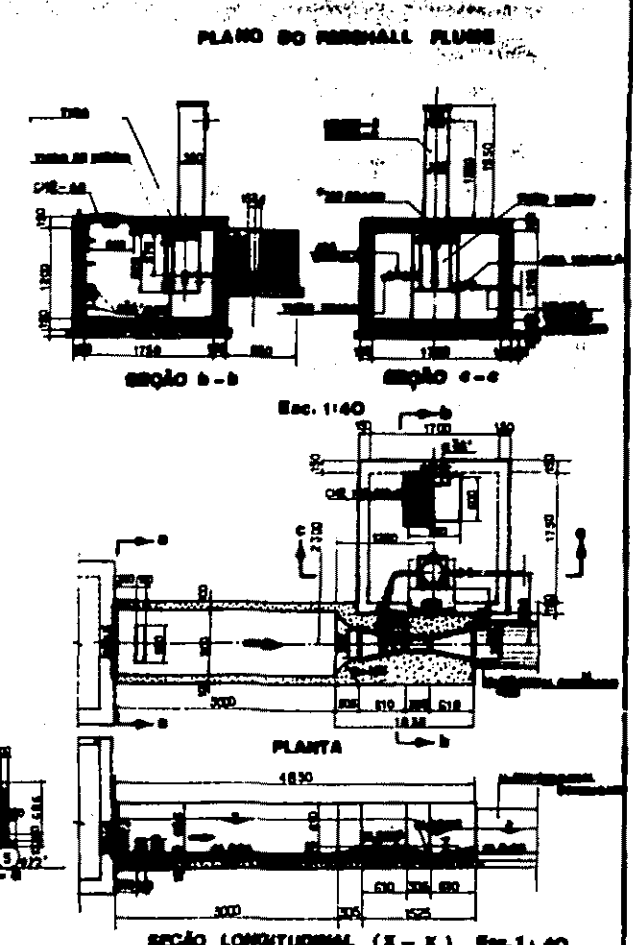
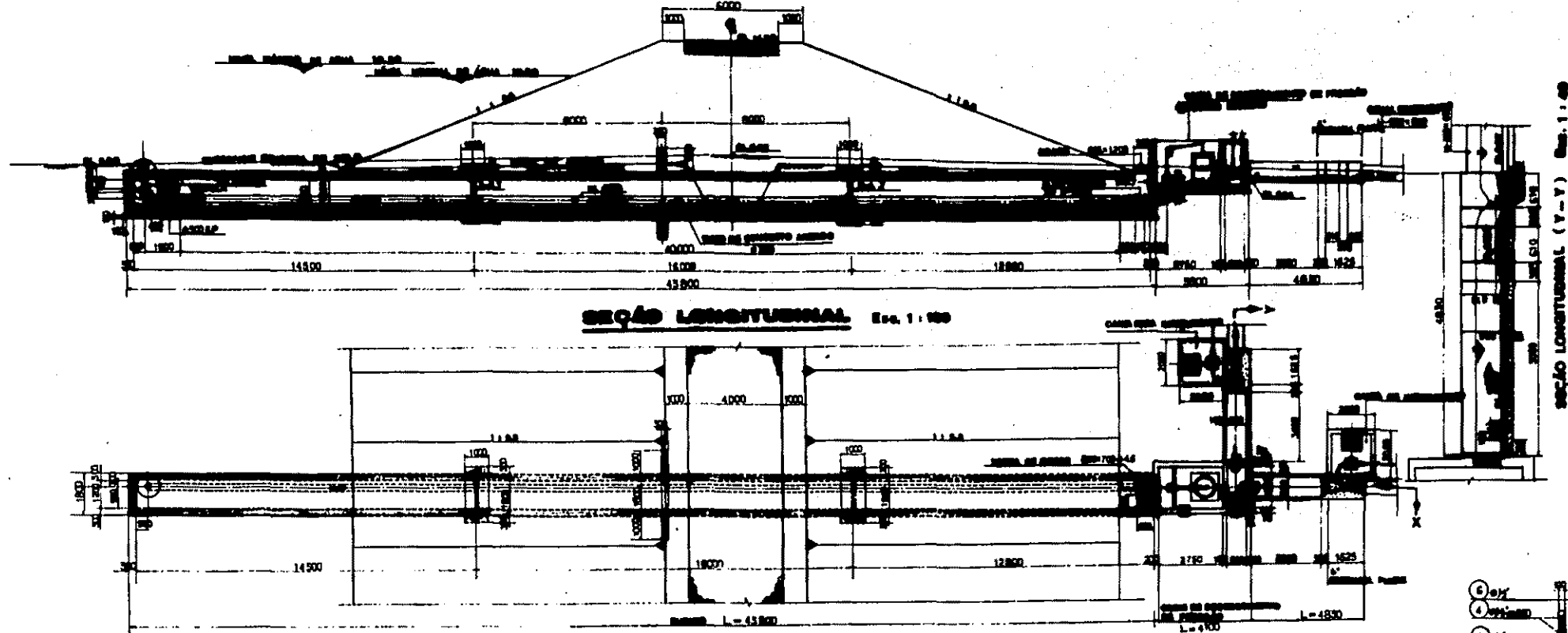
CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA

PLANO DE PONTE DE CONCRETO ARMADO

JICA JAPAN INTERNATIONAL COOPERATION AGENCY A-10

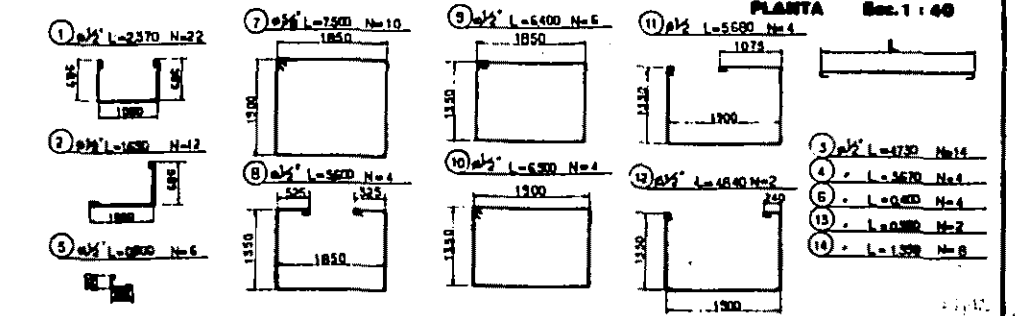
PROJETO Nº 1/80

ESCALA 1:40



QUANTIDADE DE ARMADURA

Item	Qtd	Comprimento	Armadura	Comprimento	Armadura	Peso	Qtd	Peso
1	12	1.200	N=15					
2	12	1.200	N=15					
3	12	1.200	N=15					
4	12	1.200	N=15					
5	12	1.200	N=15					
6	12	1.200	N=15					
7	12	1.200	N=15					
8	12	1.200	N=15					
9	12	1.200	N=15					
10	12	1.200	N=15					
11	12	1.200	N=15					
12	12	1.200	N=15					
13	12	1.200	N=15					
14	12	1.200	N=15					
15	12	1.200	N=15					
16	12	1.200	N=15					
17	12	1.200	N=15					
18	12	1.200	N=15					
19	12	1.200	N=15					
20	12	1.200	N=15					
21	12	1.200	N=15					
22	12	1.200	N=15					
23	12	1.200	N=15					
24	12	1.200	N=15					
25	12	1.200	N=15					
26	12	1.200	N=15					
27	12	1.200	N=15					
28	12	1.200	N=15					
29	12	1.200	N=15					
30	12	1.200	N=15					



Item	Qtd	Comprimento	Armadura	Comprimento	Armadura	Peso	Qtd	Peso
1	12	1.200	N=15					
2	12	1.200	N=15					
3	12	1.200	N=15					
4	12	1.200	N=15					
5	12	1.200	N=15					
6	12	1.200	N=15					
7	12	1.200	N=15					
8	12	1.200	N=15					
9	12	1.200	N=15					
10	12	1.200	N=15					
11	12	1.200	N=15					
12	12	1.200	N=15					
13	12	1.200	N=15					
14	12	1.200	N=15					

CENTRO DE DESENVOLVIMENTO ARQUITETÔNICO DO VALL DO URSINA

PLANO DO TERRAÇO DE AÇO

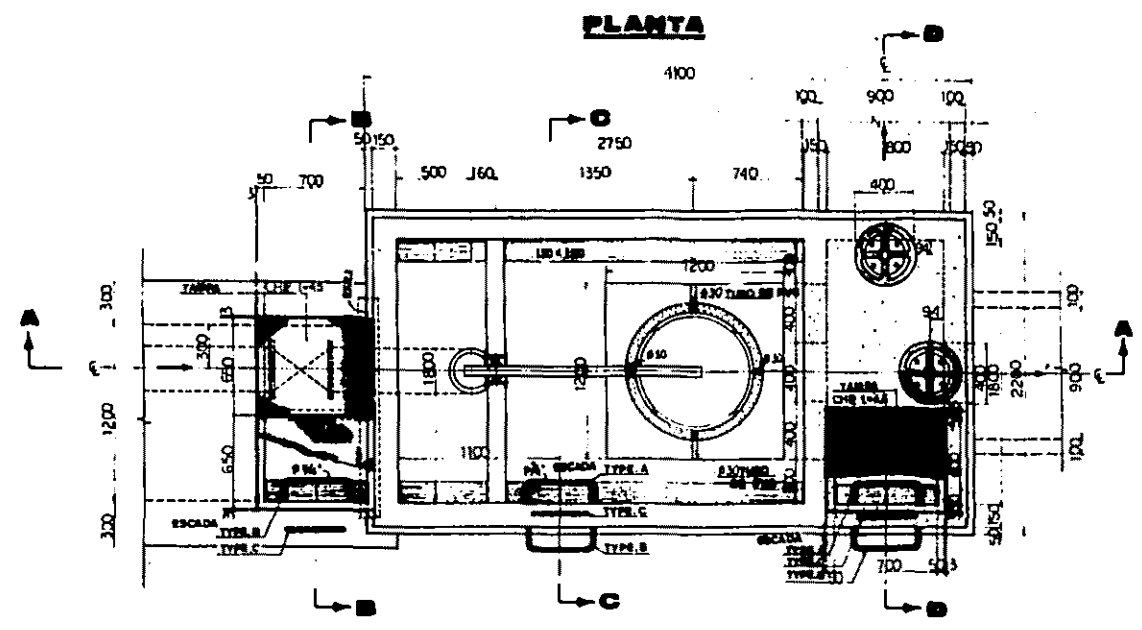
(1)

MAC: NOME ORGANIZACIONAL, ORGANIZAÇÃO, ANO: A-11

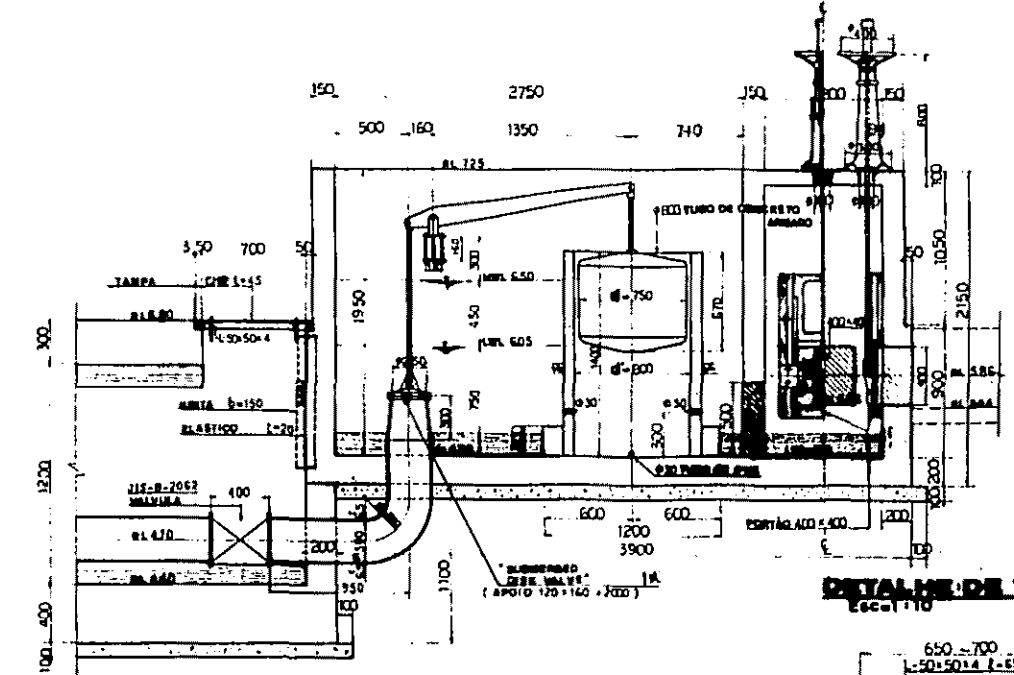
ESCALA: 1:100

PROJETA: []

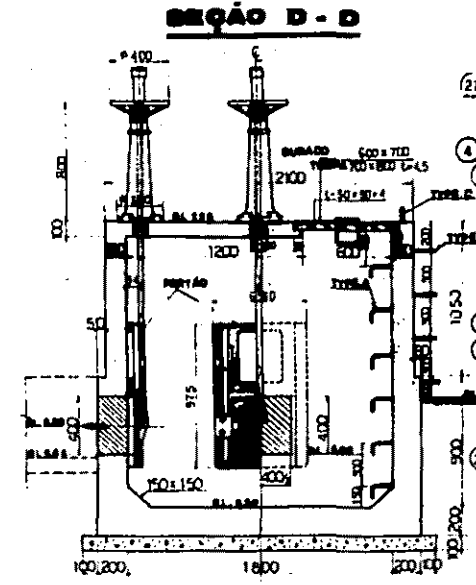
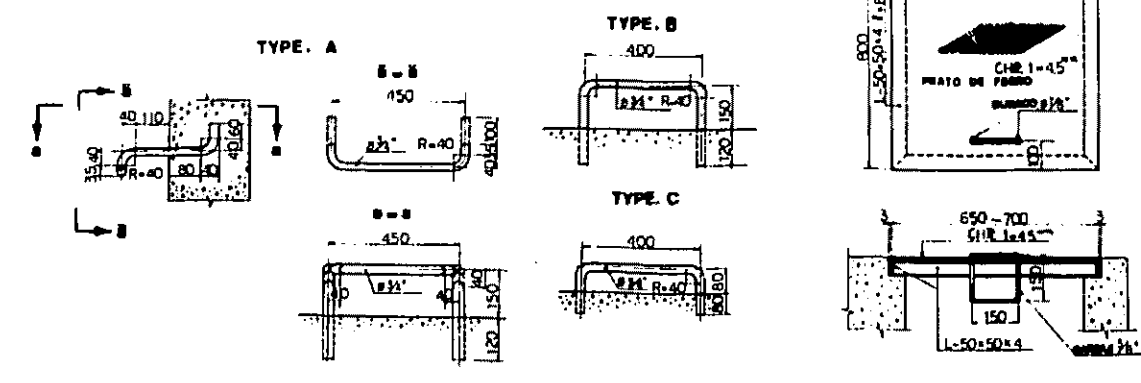
APROVADO: []



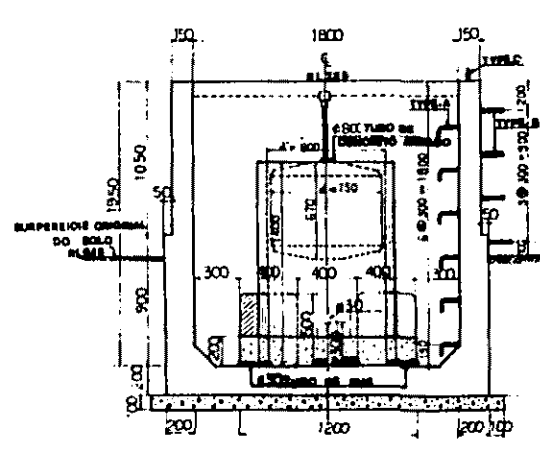
SEÇÃO LONGITUDINAL A - A



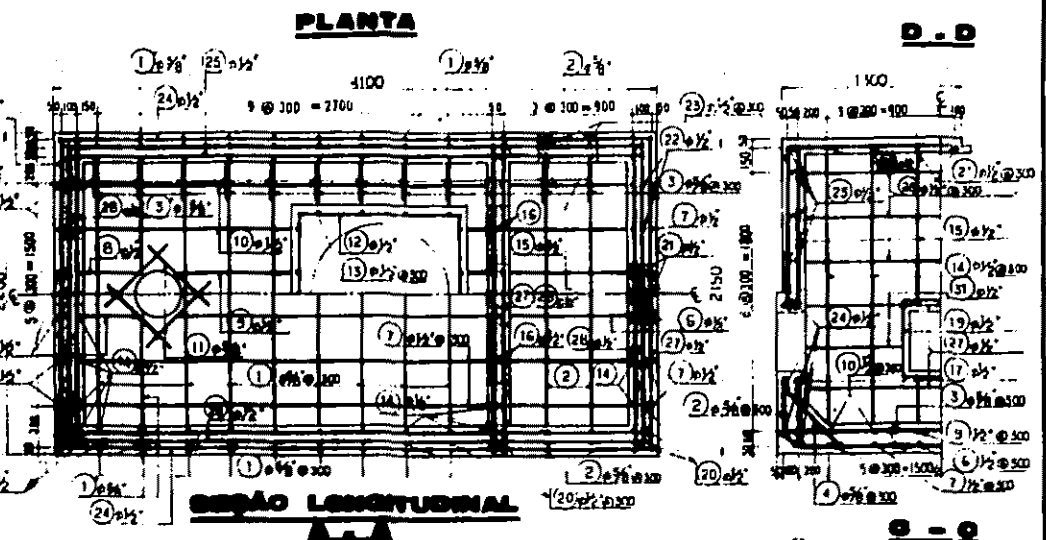
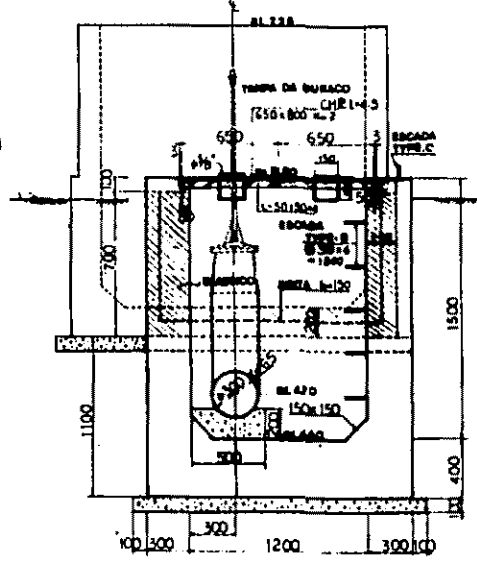
DETALHE DA ESCADA
Escala 1:10



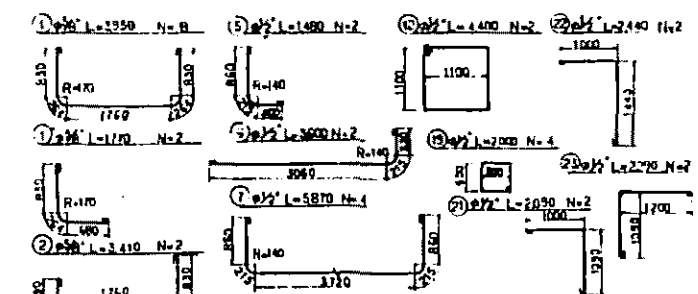
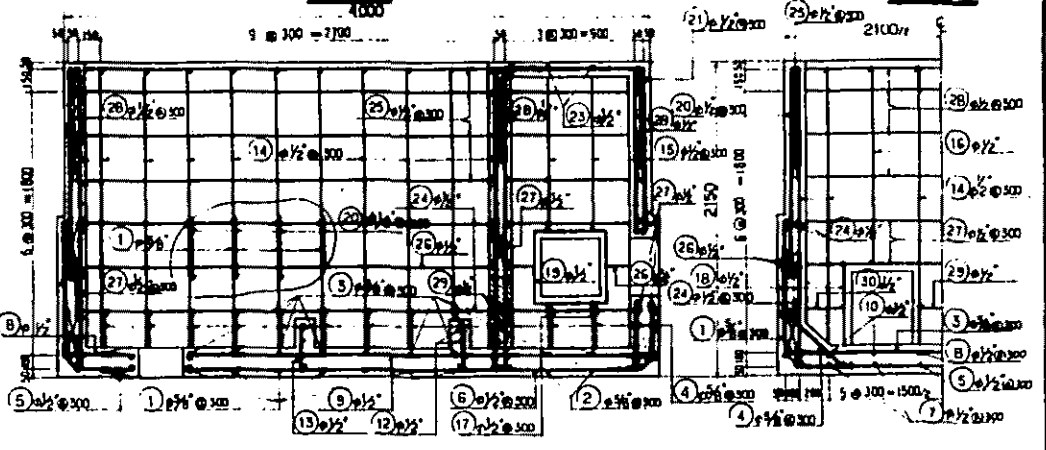
SEÇÃO C - C



SEÇÃO B - B



SEÇÃO LONGITUDINAL A - A



POS.	Ø	COMENT.	QUANT.	CLASSE	C. VOLUM.	REND. (kg)	REND. (m³)	REND. (m²)
1	Ø 12	2.45	0.2	A-28	4.27	0.36	0.1	34.00
2	Ø 12	2.77	1.2	A-28	4.27	2.72	0.7	4.78
3	Ø 12	2.81	1.2	A-28	4.27	2.82	0.7	11.28
4	Ø 12	2.89	1.2	A-28	4.27	2.89	0.7	14.69
5	Ø 12	2.93	1.2	A-28	4.27	2.93	0.7	16.69
6	Ø 12	3.05	1.2	A-28	4.27	3.05	0.7	18.69
7	Ø 12	3.17	1.2	A-28	4.27	3.17	0.7	20.69
8	Ø 12	3.29	1.2	A-28	4.27	3.29	0.7	22.69
9	Ø 12	3.41	1.2	A-28	4.27	3.41	0.7	24.69
10	Ø 12	3.53	1.2	A-28	4.27	3.53	0.7	26.69
11	Ø 12	3.65	1.2	A-28	4.27	3.65	0.7	28.69
12	Ø 12	3.77	1.2	A-28	4.27	3.77	0.7	30.69
13	Ø 12	3.89	1.2	A-28	4.27	3.89	0.7	32.69
14	Ø 12	4.01	1.2	A-28	4.27	4.01	0.7	34.69
15	Ø 12	4.13	1.2	A-28	4.27	4.13	0.7	36.69
16	Ø 12	4.25	1.2	A-28	4.27	4.25	0.7	38.69
17	Ø 12	4.37	1.2	A-28	4.27	4.37	0.7	40.69
18	Ø 12	4.49	1.2	A-28	4.27	4.49	0.7	42.69
19	Ø 12	4.61	1.2	A-28	4.27	4.61	0.7	44.69
20	Ø 12	4.73	1.2	A-28	4.27	4.73	0.7	46.69
21	Ø 12	4.85	1.2	A-28	4.27	4.85	0.7	48.69
22	Ø 12	4.97	1.2	A-28	4.27	4.97	0.7	50.69
23	Ø 12	5.09	1.2	A-28	4.27	5.09	0.7	52.69
24	Ø 12	5.21	1.2	A-28	4.27	5.21	0.7	54.69
25	Ø 12	5.33	1.2	A-28	4.27	5.33	0.7	56.69
26	Ø 12	5.45	1.2	A-28	4.27	5.45	0.7	58.69
27	Ø 12	5.57	1.2	A-28	4.27	5.57	0.7	60.69
28	Ø 12	5.69	1.2	A-28	4.27	5.69	0.7	62.69
29	Ø 12	5.81	1.2	A-28	4.27	5.81	0.7	64.69
30	Ø 12	5.93	1.2	A-28	4.27	5.93	0.7	66.69
31	Ø 12	6.05	1.2	A-28	4.27	6.05	0.7	68.69

- BARRA LINEAR**
- 1 Ø 12 L=3250 N=2
 - 2 Ø 12 L=1170 N=2
 - 3 Ø 12 L=1480 N=2
 - 4 Ø 12 L=3000 N=2
 - 5 Ø 12 L=7000 N=4
 - 6 Ø 12 L=2770 N=2
 - 7 Ø 12 L=2150 N=2
 - 8 Ø 12 L=1850 N=2
 - 9 Ø 12 L=1050 N=2
 - 10 Ø 12 L=3200 N=2
 - 11 Ø 12 L=4000 N=4
 - 12 Ø 12 L=1000 N=2
 - 13 Ø 12 L=3000 N=15
 - 14 Ø 12 L=2050 N=16
 - 15 Ø 12 L=1030 N=4
 - 16 Ø 12 L=1550 N=4
 - 17 Ø 12 L=1450 N=4
 - 18 Ø 12 L=2750 N=4
 - 19 Ø 12 L=2100 N=24
 - 20 Ø 12 L=1440 N=48
 - 21 Ø 12 L=2000 N=24
 - 22 Ø 12 L=4000 N=15
 - 23 Ø 12 L=3200 N=2
 - 24 Ø 12 L=4000 N=4
 - 25 Ø 12 L=3200 N=2
 - 26 Ø 12 L=1000 N=4
 - 27 Ø 12 L=2100 N=24
 - 28 Ø 12 L=2000 N=24
 - 29 Ø 12 L=1000 N=2
 - 30 Ø 12 L=1000 N=4
 - 31 Ø 12 L=1000 N=4

ESCALA: 1:20

CENTRO DE DESENVOLVIMENTO AGRÍCOLA DO VALE DO RIBEIRÃO

PLANO DO TOMADA DE ÁGUA (2)

JICA JAPAN INTERNATIONAL COOPERATION AGENCY A-12

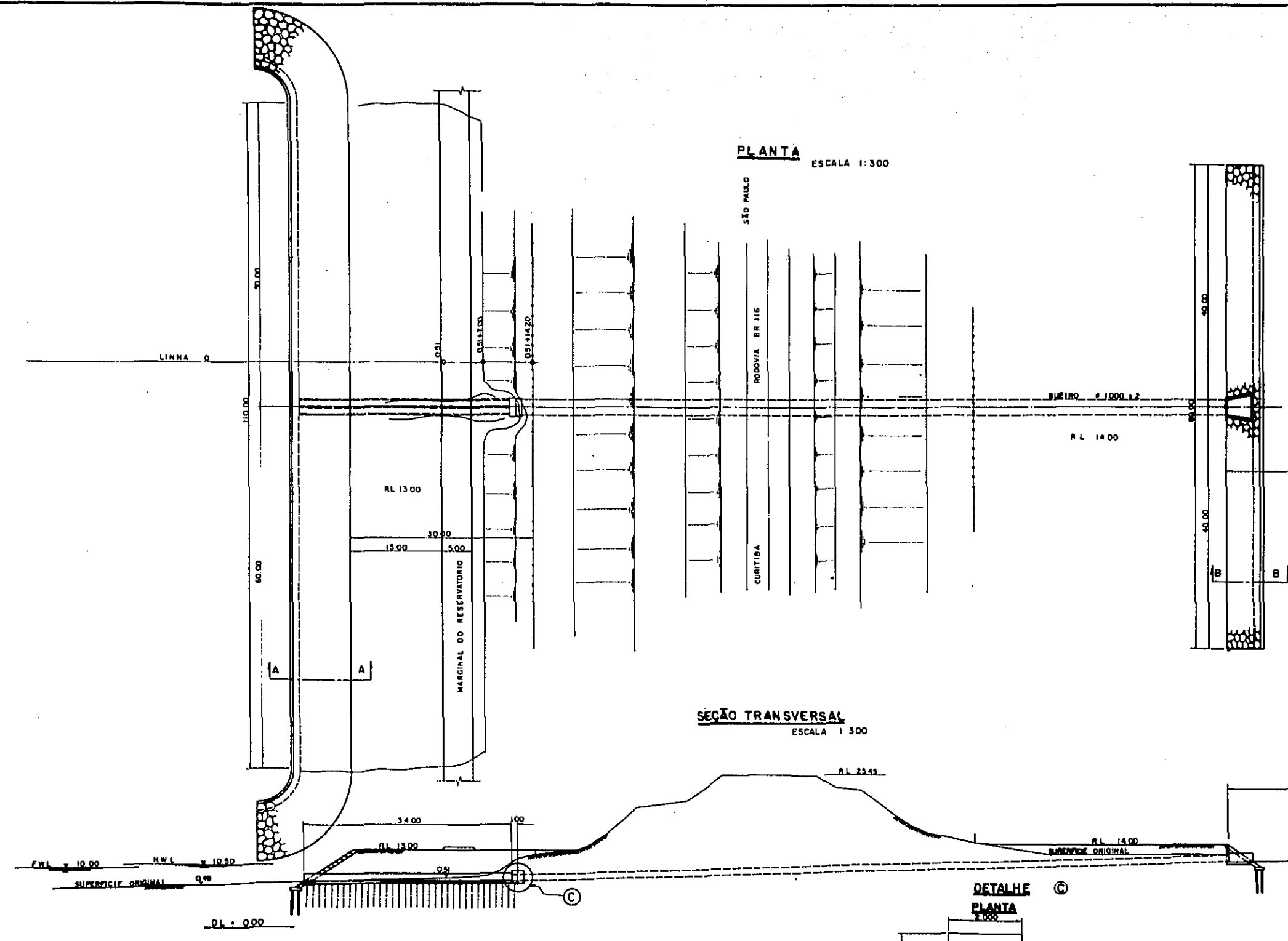
REVISÃO: _____ DATA: _____

APROVAÇÃO: _____

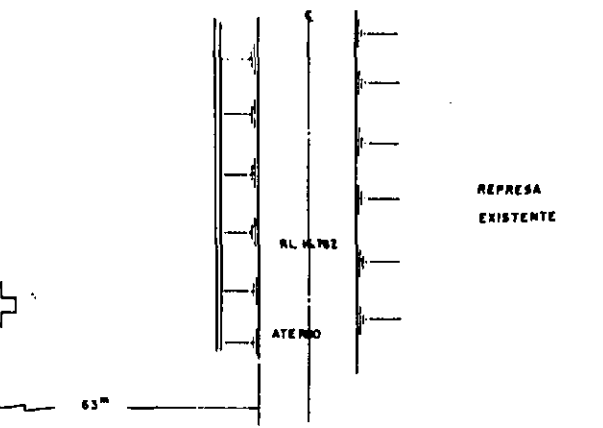
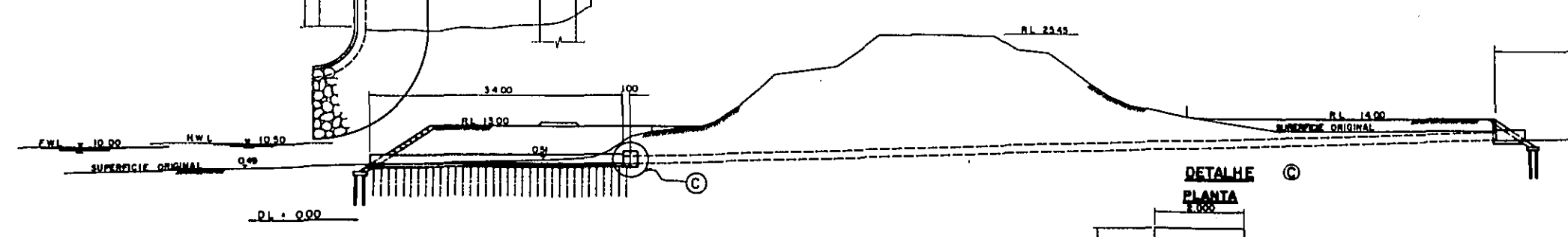
ESCALA: 1:20

Dia	n	COMPR	JUNTA		GANCHO		TOTAL PESO	QUANT.	PESO
			COMPR	QUANT	COMPR	QUANT			
1	1	129 84	18	12	5 78	133 28	3858	10	2197 10
2	1	1 40				133 2	1000	883	2882 84
3	1	33 90	30	3	1 24	33 8	2000	2782	20 1180 40
4	1	2 70				133 2	200	2000	400 228 1000 32
5	1	79 90	40	7	2 24	123 16	2 100	2000	10 1282 10
6	1	1 40				133 2	200	1000	203 224 1000 22
7	1	9 28				133 2	200	2000	1119 7 1000 22
8	1	1 90				133 2	200	2100	2 42 28 95 28
									2000 27

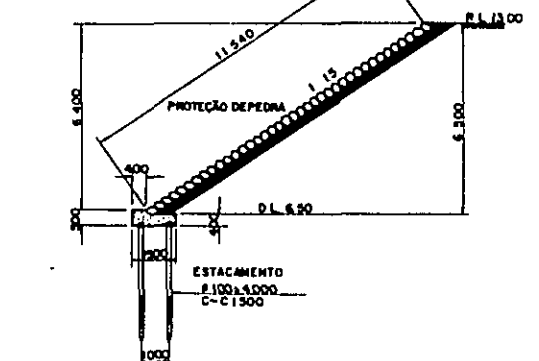
PLANTA
ESCALA 1:300



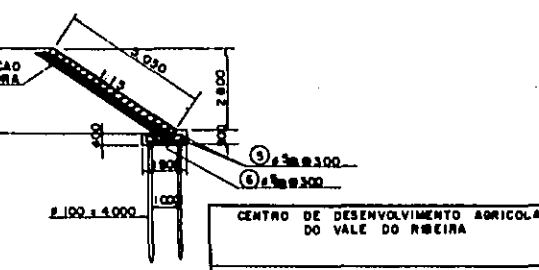
SEÇÃO TRANSVERSAL
ESCALA 1:300



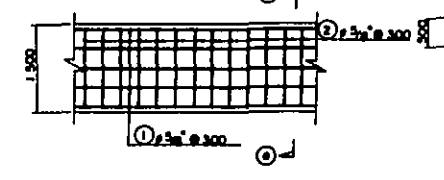
A - A
S = 1:100



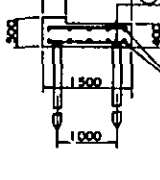
B - B
S = 1:100



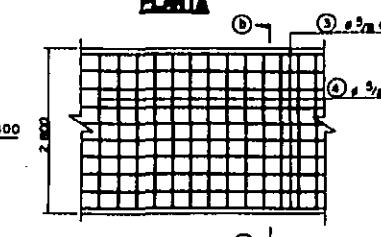
ARMADURA DA FUNDAÇÃO DE PROTEÇÃO
PLANTA ESC. 1:50



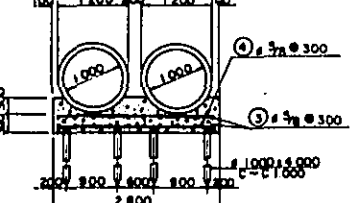
SEÇÃO a-a
ESC. 1:50



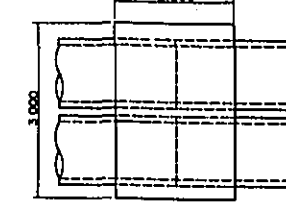
ARMADURA DA FUNDAÇÃO DO BUEIRO
PLANTA ESC. 1:50



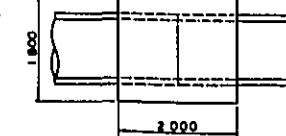
SEÇÃO b-b
ESC. 1:50



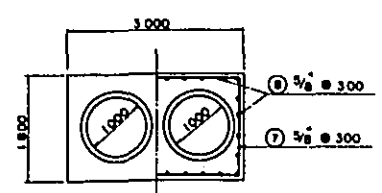
DETALHE
PLANTA
ESC. 1:50



VISTA LADO



SEÇÃO TRANSVERSAL



CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA

PLANO DE PROTEÇÃO PARA BUEIRO DO RODOVIA BR 116

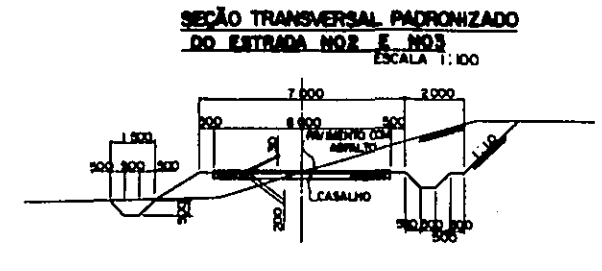
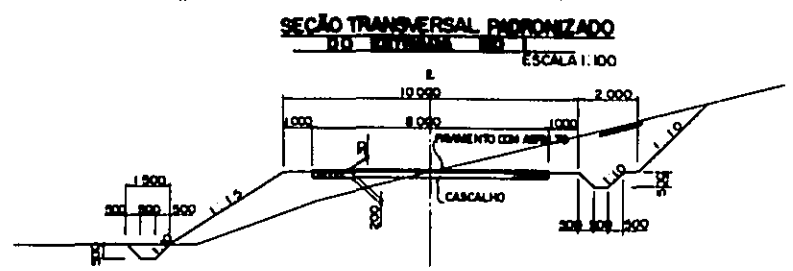
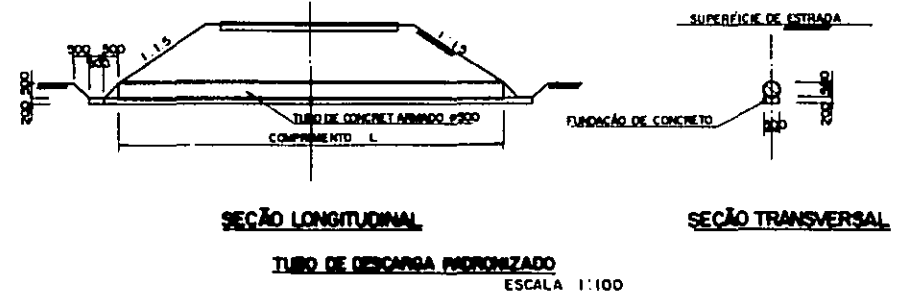
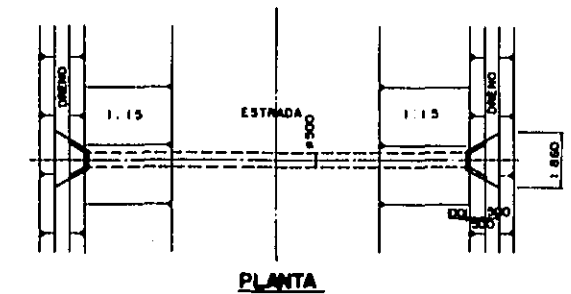
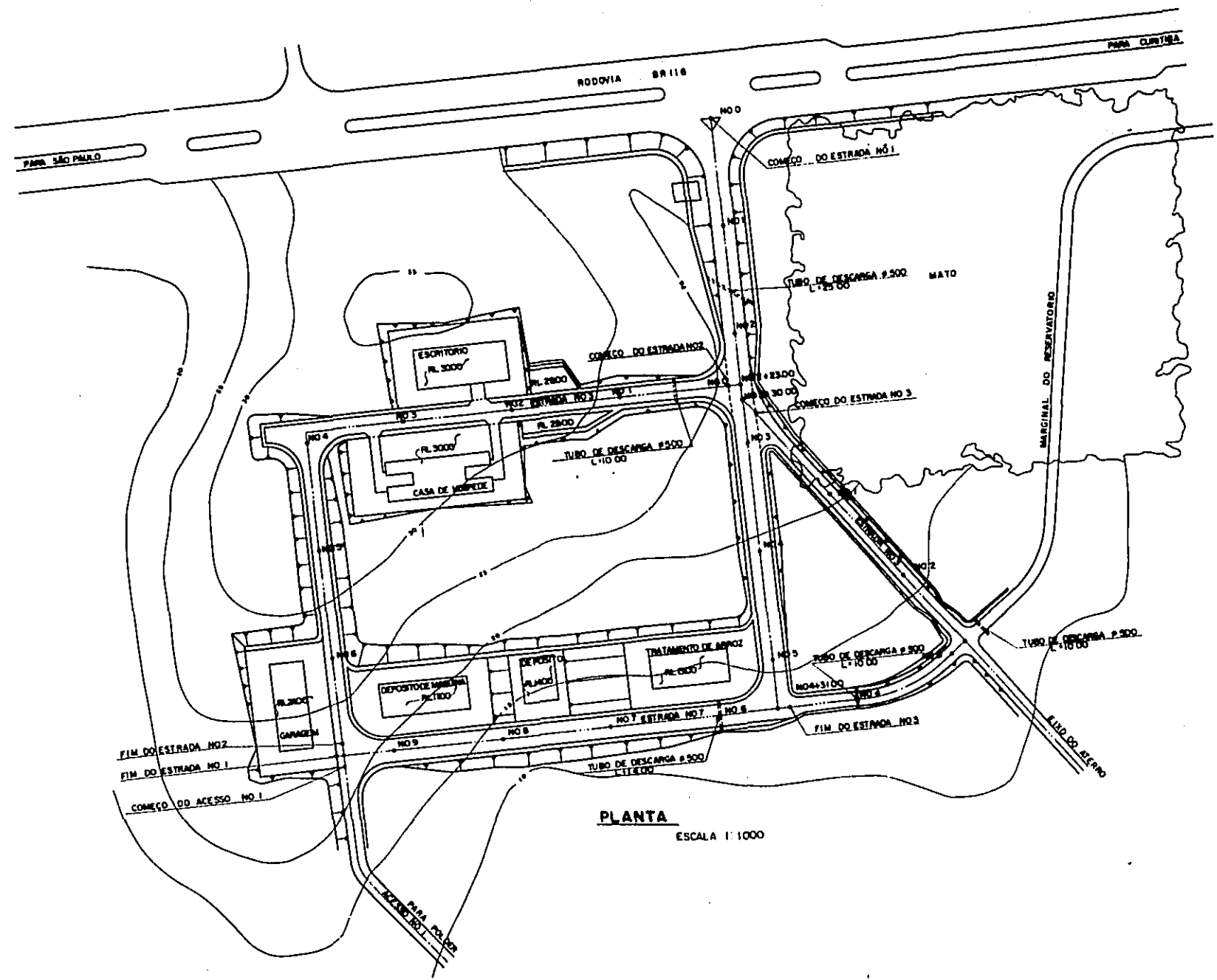
JICA JAPAN INTERNATIONAL COOPERATION AGENCY A-13

DESIGNO DATA N.º DO DESENHO

VERIFICAÇÃO DATA

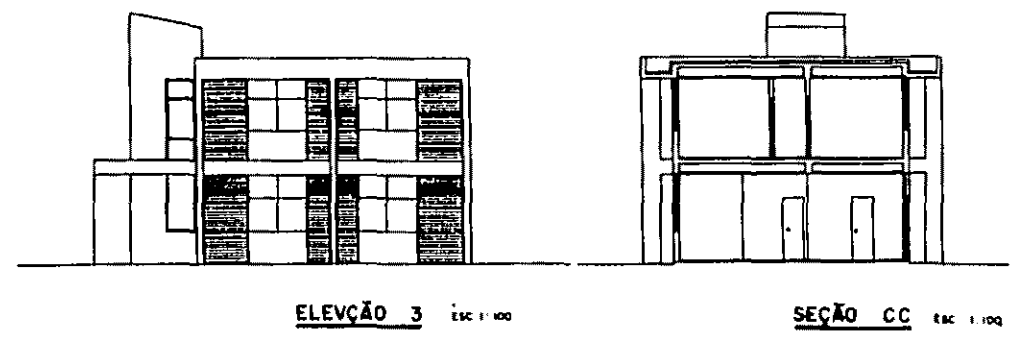
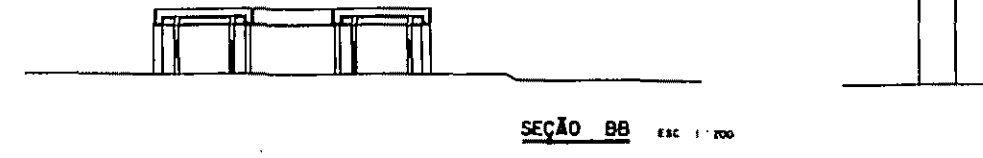
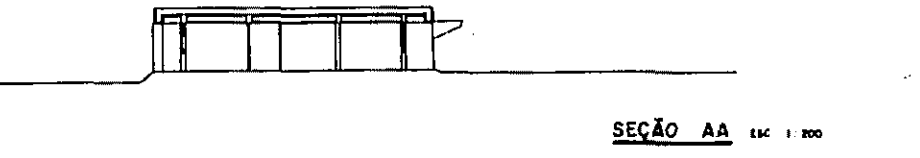
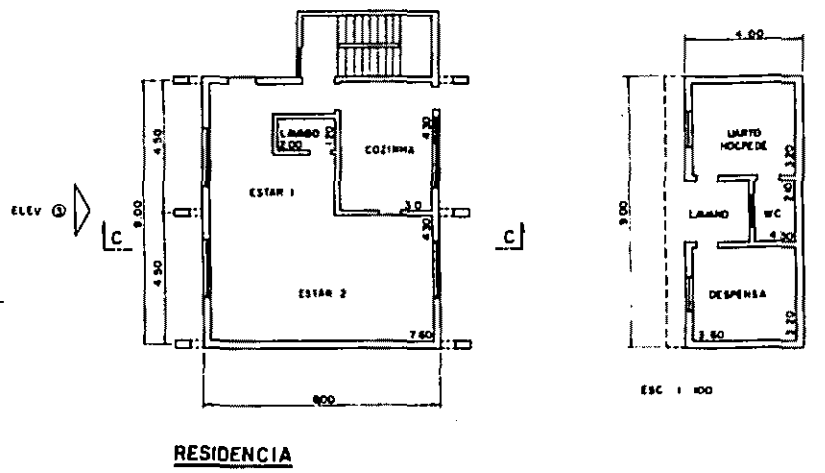
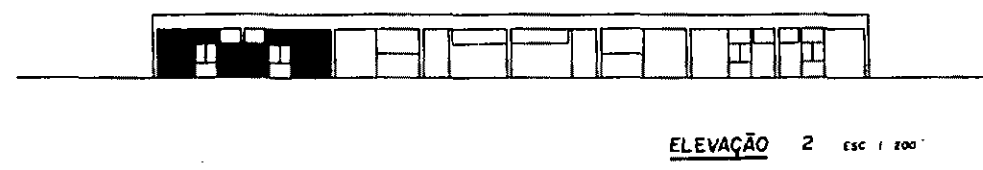
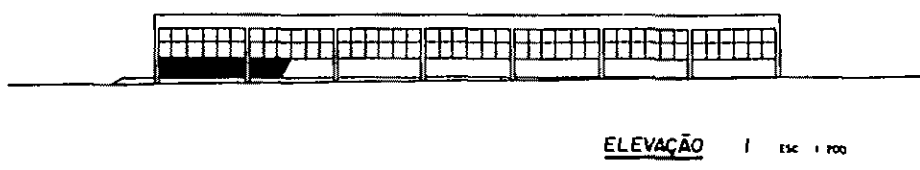
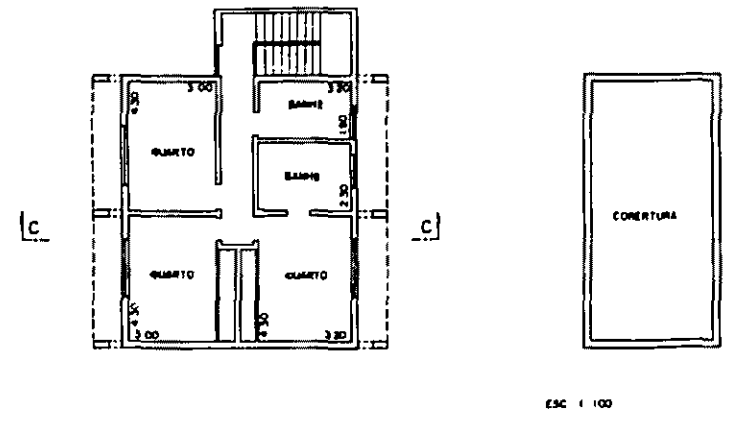
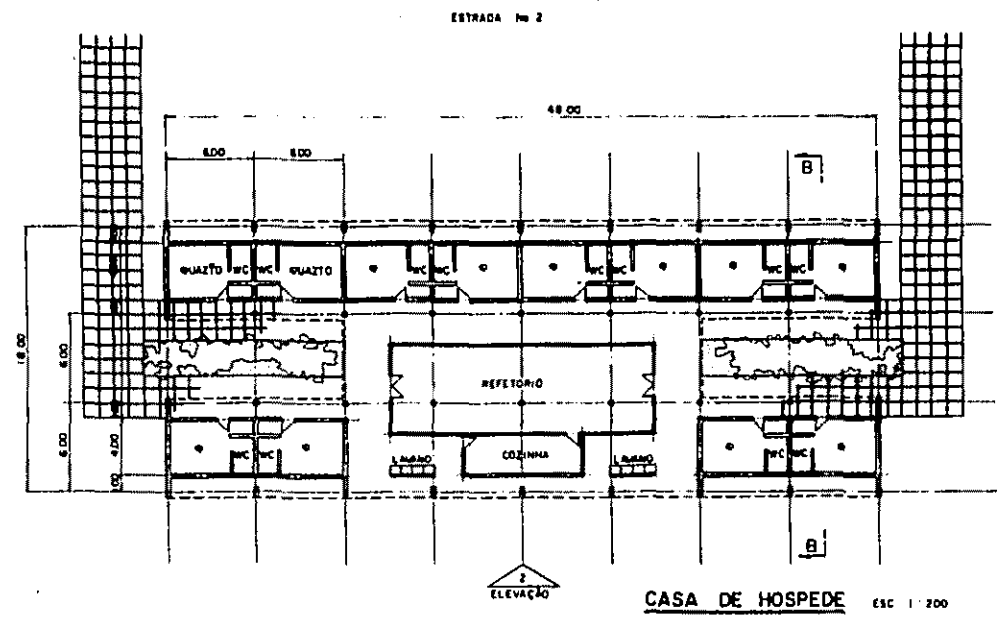
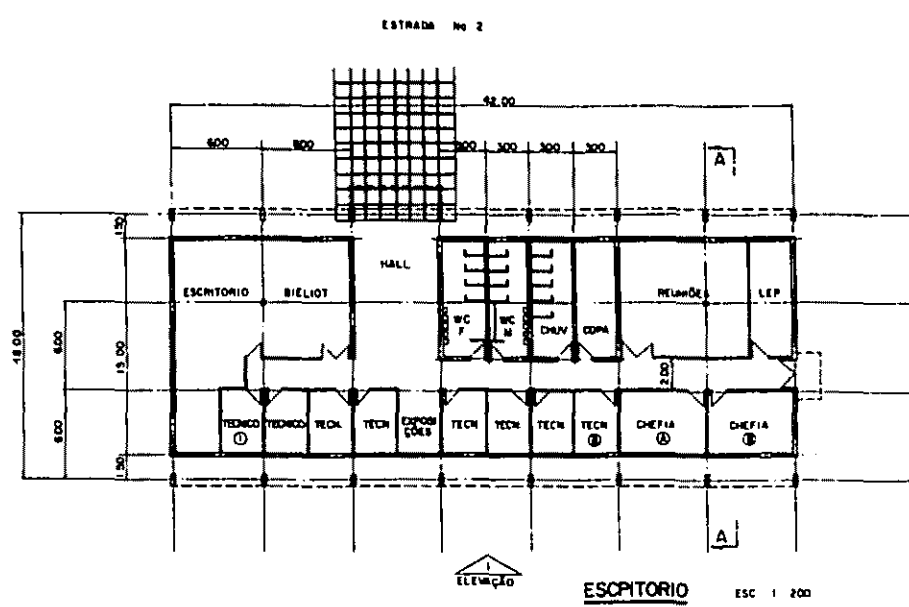
APROVAÇÃO DATA

ESCALA

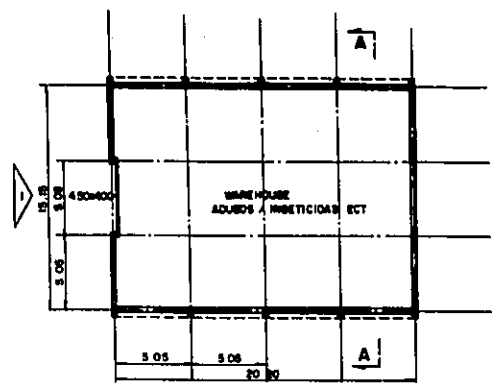


NOTA
 LINHA CENTRAL DO ESTRADA NO 1
 NO 2
 NO 3

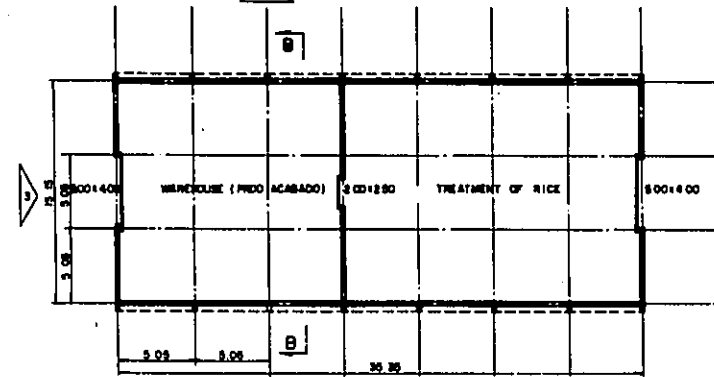
CENTRO DE DESENVOLVIMENTO AGRÍCOLA DO VALE DO RIBEIRA	
PLANTA GERAL DO CASAS E ESTRADAS	
JICA JAPAN INTERNATIONAL COOPERATION AGENCY	A - 14
DESENHO	Nº DO DESENHO
VERIFICAÇÃO	DATA
APROVAÇÃO	ESCALA



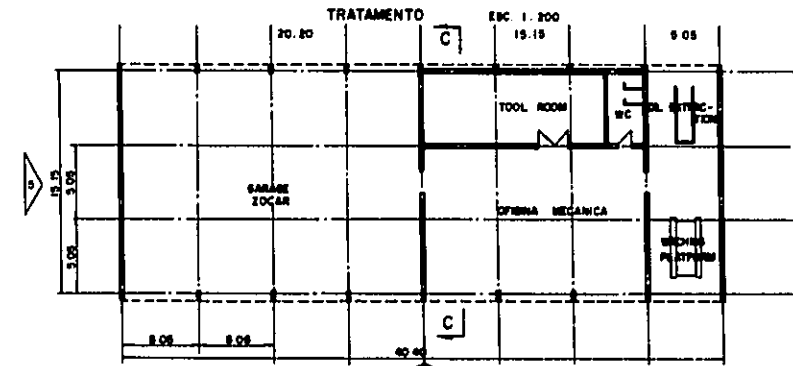
CENTRO DE DESENVOLVIMENTO AGRÍCOLA DO VALE DO RIBEIRA			
PLANO DO CASAS (11)			
JICA	JAPAN INTERNATIONAL COOPERATION AGENCY	A - 15	Nº DO PROJETO
DESIGNO	DATA	1:100	
VERIFICAÇÃO		1:200	
APROVAÇÃO		ESC 1:100	



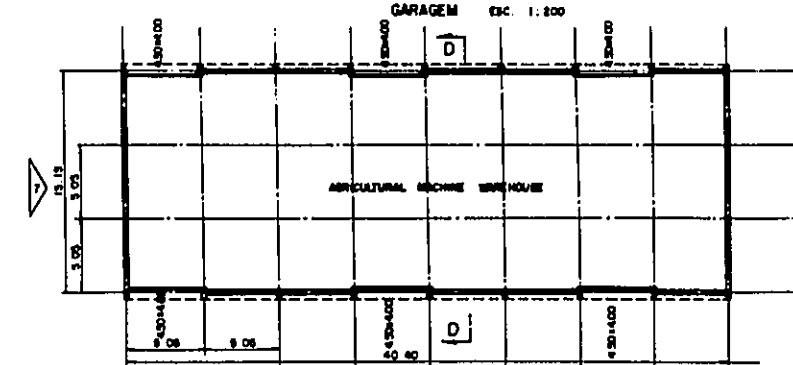
DEPOSITO ESC. 1:200



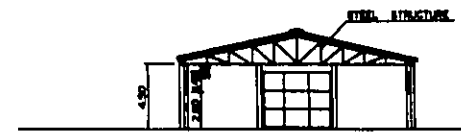
TRATAMENTO ESC. 1:200



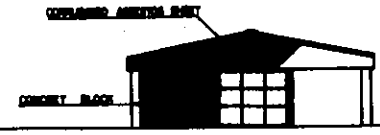
GARAGEM ESC. 1:200



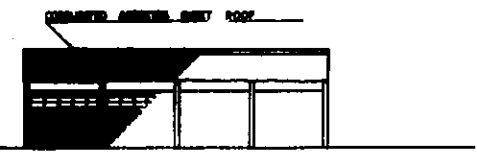
DEPOSITO DE MAQUINA AGRICOLA ESC. 1:200



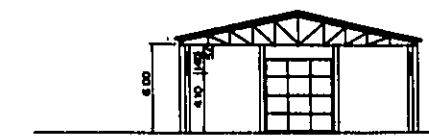
SEÇÃO AA ESC. 1:200



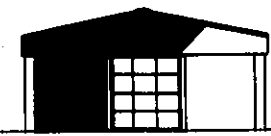
ELEVACÃO 1 ESC. 1:200



ELEVACÃO 2 ESC. 1:200



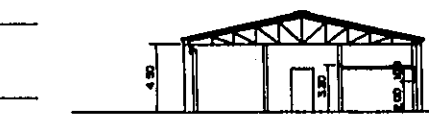
SEÇÃO BB ESC. 1:200



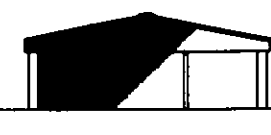
ELEVACÃO 3 ESC. 1:200



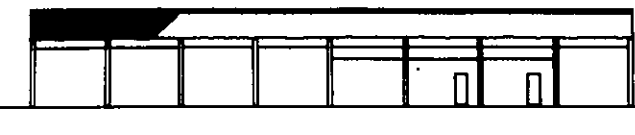
ELEVACÃO 4 ESC. 1:200



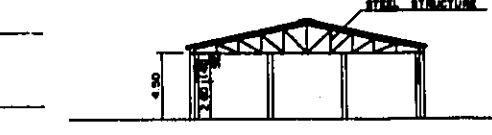
SEÇÃO CC ESC. 1:200



ELEVACÃO 5 ESC. 1:200



ELEVACÃO 6 ESC. 1:200



SEÇÃO DD ESC. 1:200

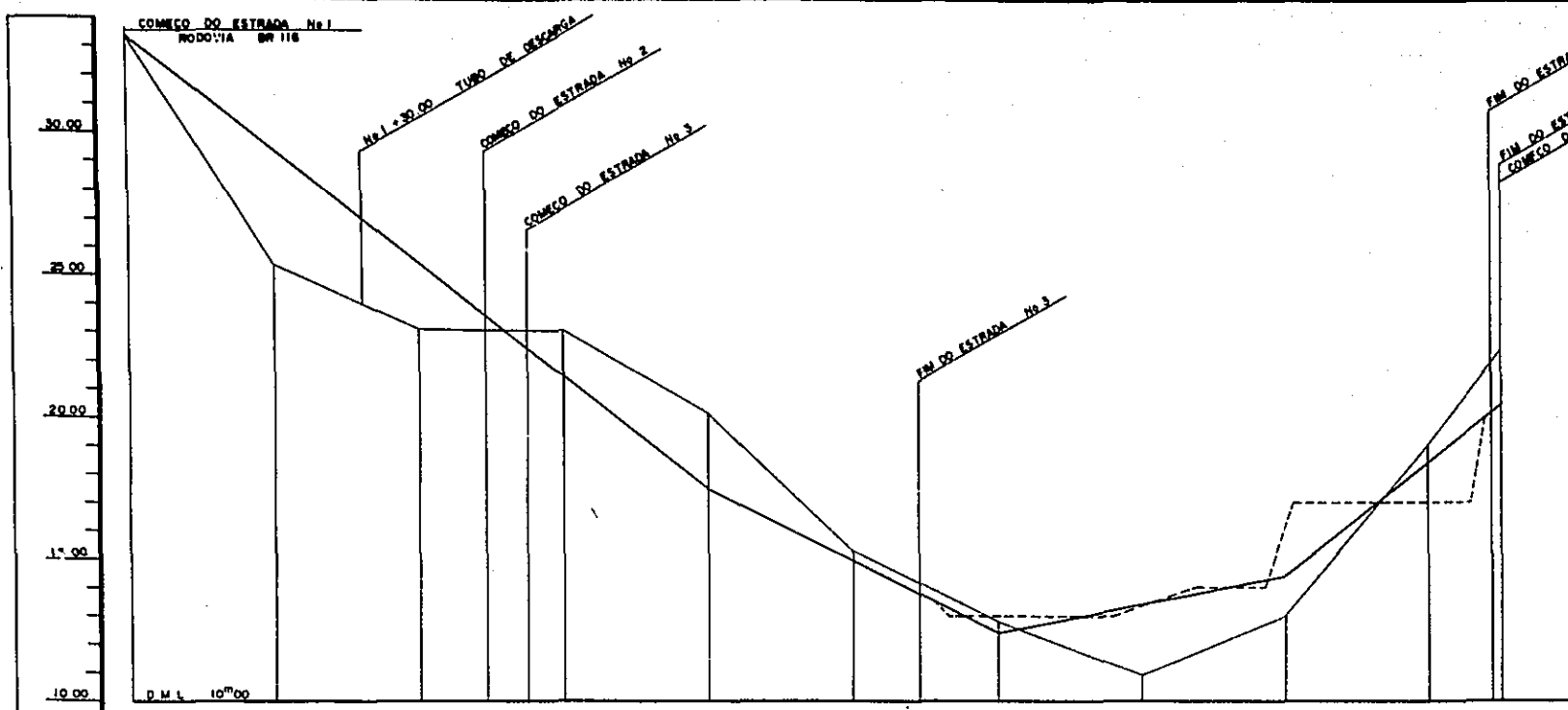


ELEVACÃO 7 ESC. 1:200

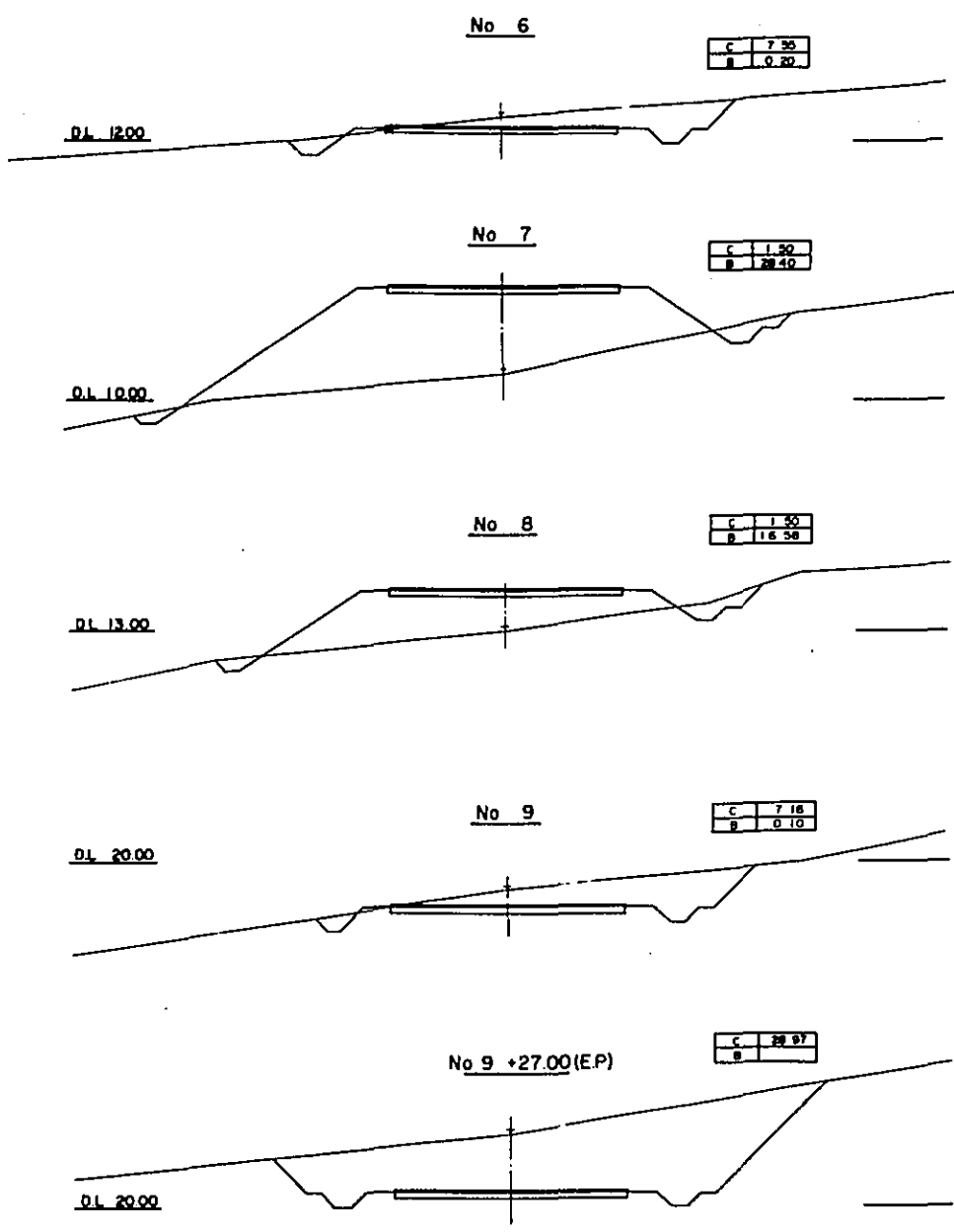
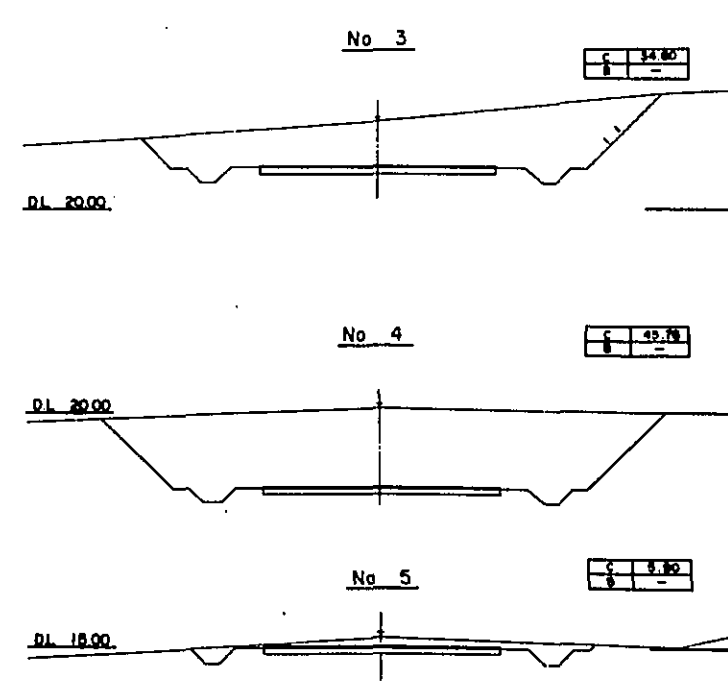
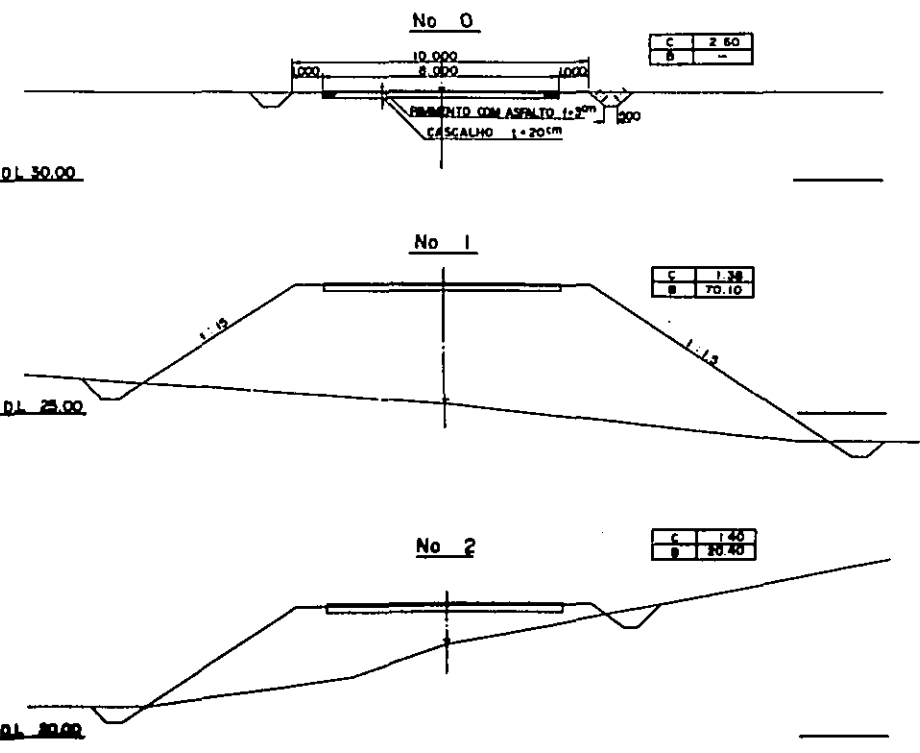


ELEVACÃO 8 ESC. 1:200

CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA		
PLANO DO CASAS (B)		
JICA	JAPAN INTERNATIONAL COOPERATION AGENCY	A - 16
DESIGNO	DATA	10 DE DEZEMBRO
VERIFICACAO		1:200
APROVACAO		ESCALA



PLANO	DECLIVE	1 + 5.50m	1 + 5.00m	1 + 5.00m	1 + 5.00m	1 + 5.00m	1 + 5.00m	1 + 5.00m	1 + 5.00m	1 + 5.00m	1 + 5.00m
ALICERCE	0.00	22.40	22.40	22.40	22.40	22.40	22.40	22.40	22.40	22.40	22.40
ALICERCE OU MONTAO	0.00	22.40	22.40	22.40	22.40	22.40	22.40	22.40	22.40	22.40	22.40
COTA DA ESTRADA	2.00	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40	24.40
COTA DA SUPERFICIE	2.00	22.40	22.40	22.40	22.40	22.40	22.40	22.40	22.40	22.40	22.40
DIST. ACUMULADA	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	45.00	50.00
DIST.	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	45.00	50.00
No.	0	1	2	3	4	5	6	7	8	9	10



NOTA
 C : ESCAVAÇÃO
 B : SOLO AMONTADO

ESCALA 1:100

CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA

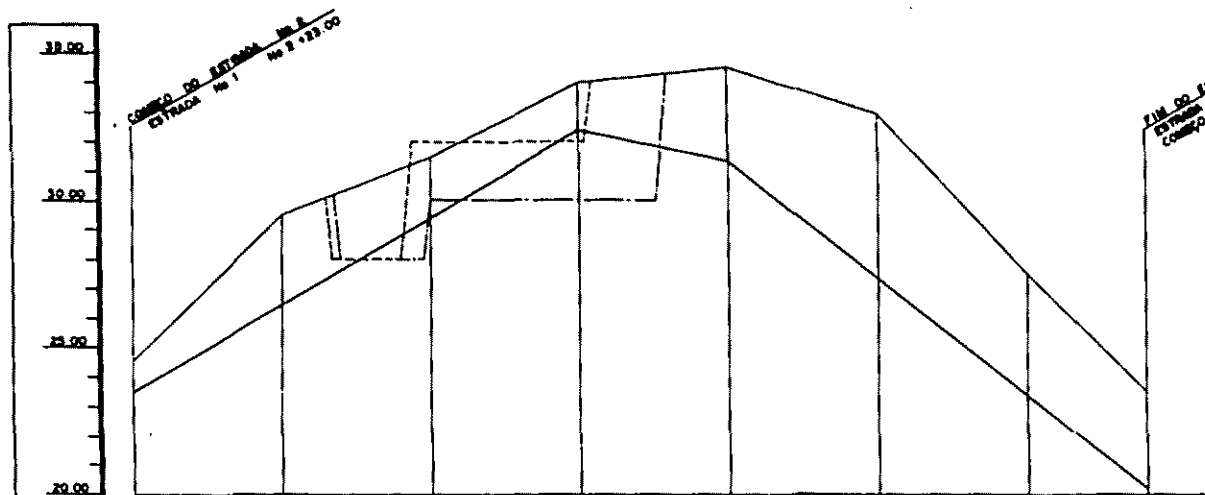
SEÇÃO LONGITUDINAL E SEÇÃO TRANSVERSAL DO ESTRADA No 1

JICA JAPAN INTERNATIONAL COOPERATION AGENCY A - 17

PROJETO DATA 1:100

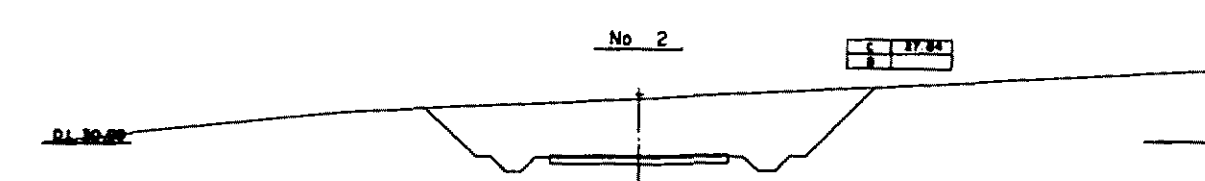
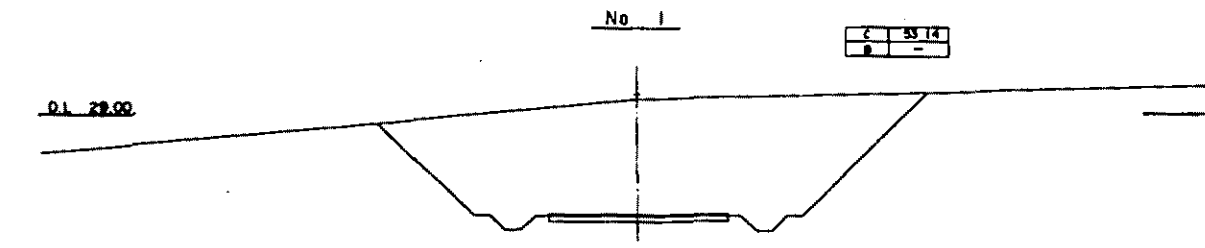
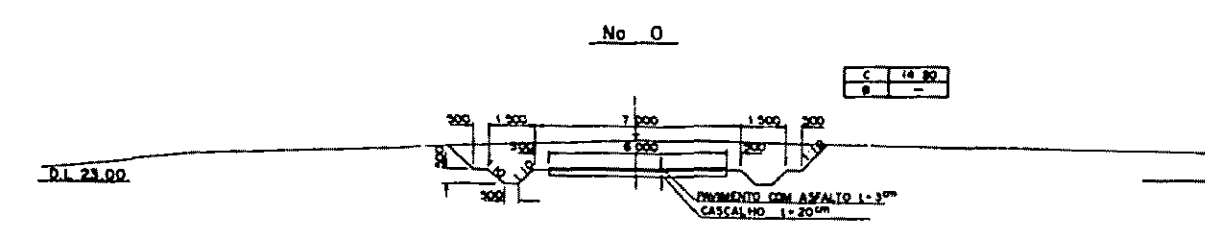
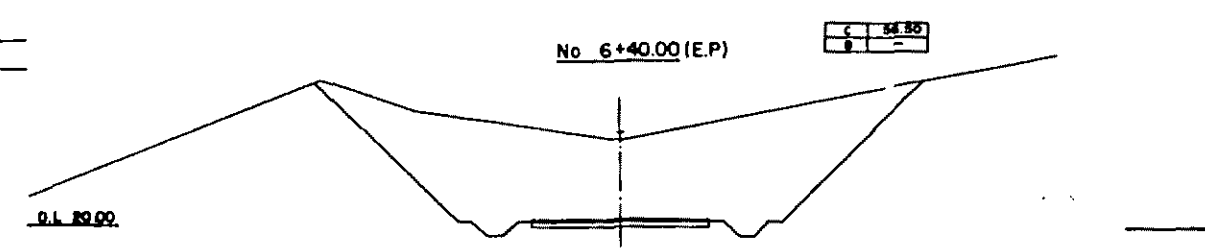
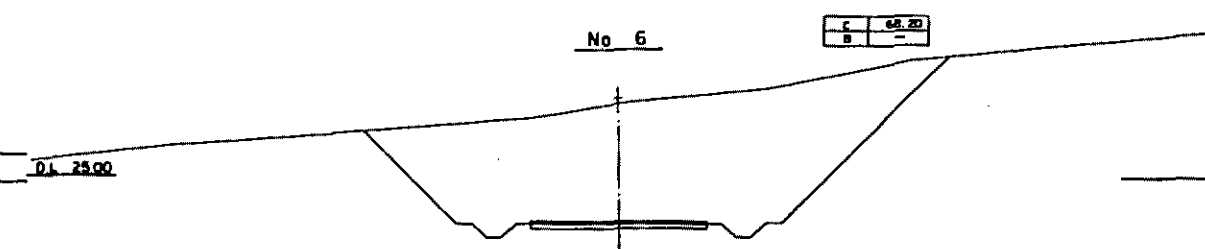
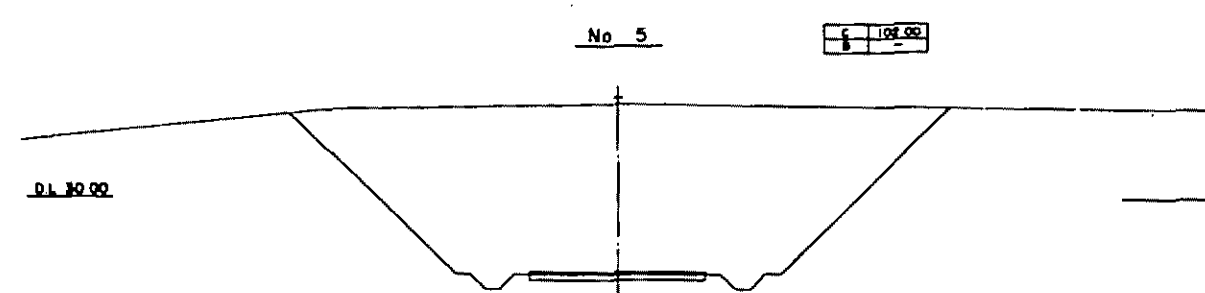
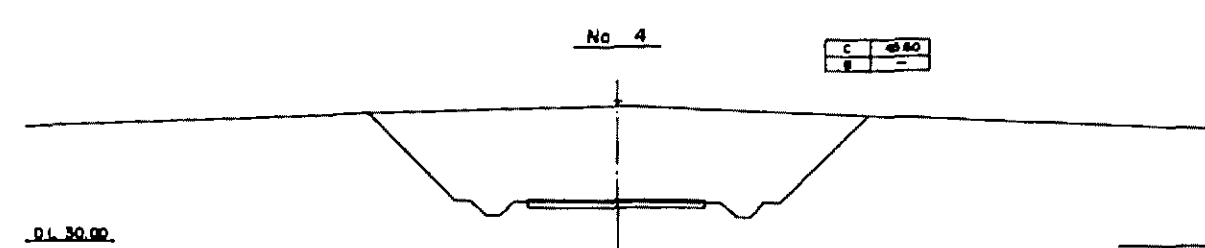
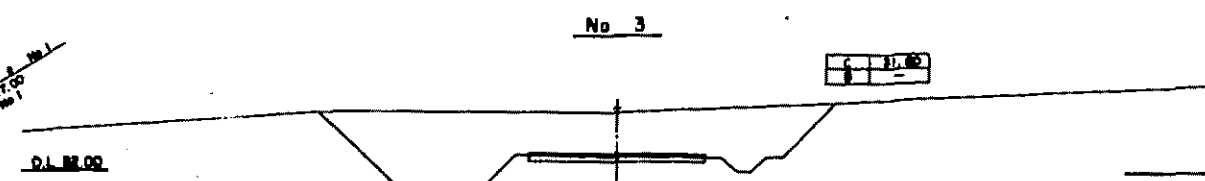
VERIFICADO 1:1000

APROVADO ESCALA



DECLIVE	1: 30/100		1: 12/100		1: 30/100	
DESCRIÇÃO DO MONTE						
COM DA ESTRADA						
COTA DA SUPERFÍCIE						
DIST. ACUMULADA						
DIST.						
Nº						

ESCALA 1:1000



PAVIMENTO COM ASFALTO 1-3"
CASCALHO 1-20cm

NOTA
C: ESCANÇO
B: SOLO AMONTADO

ESCALA 1:100

CENTRO DE DESENVOLVIMENTO AGRÍCOLA DO VALE DO RIBEIRA

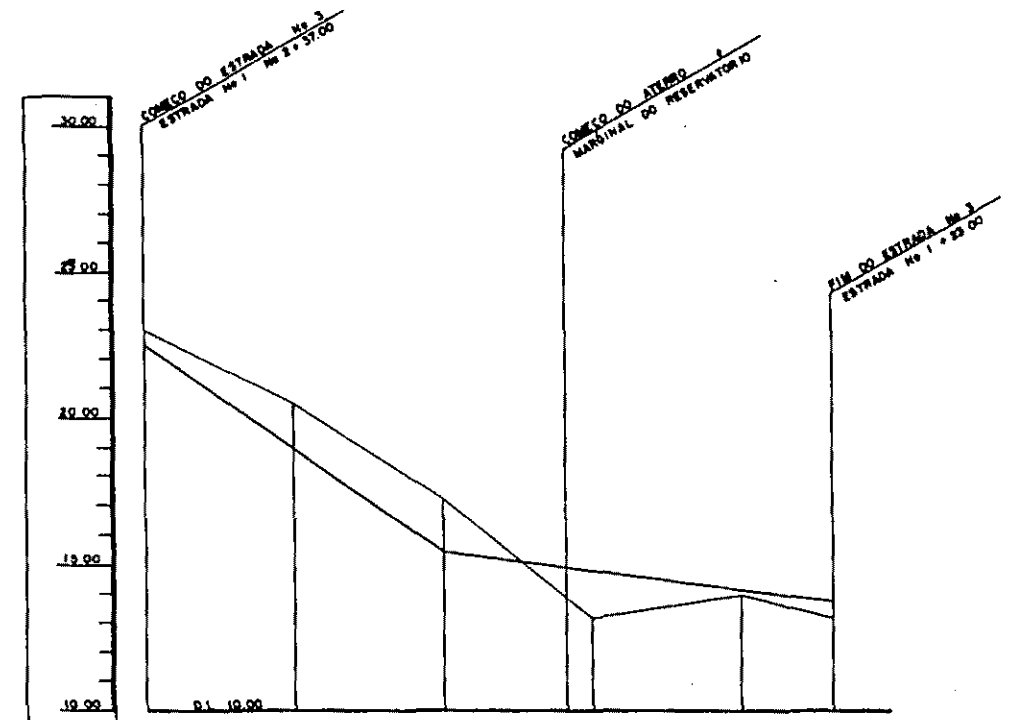
SEÇÃO LONGITUDINAL E SEÇÃO TRANSVERSAL DO ESTRADA No 2

JICA - JAPAN INTERNATIONAL COOPERATION AGENCY

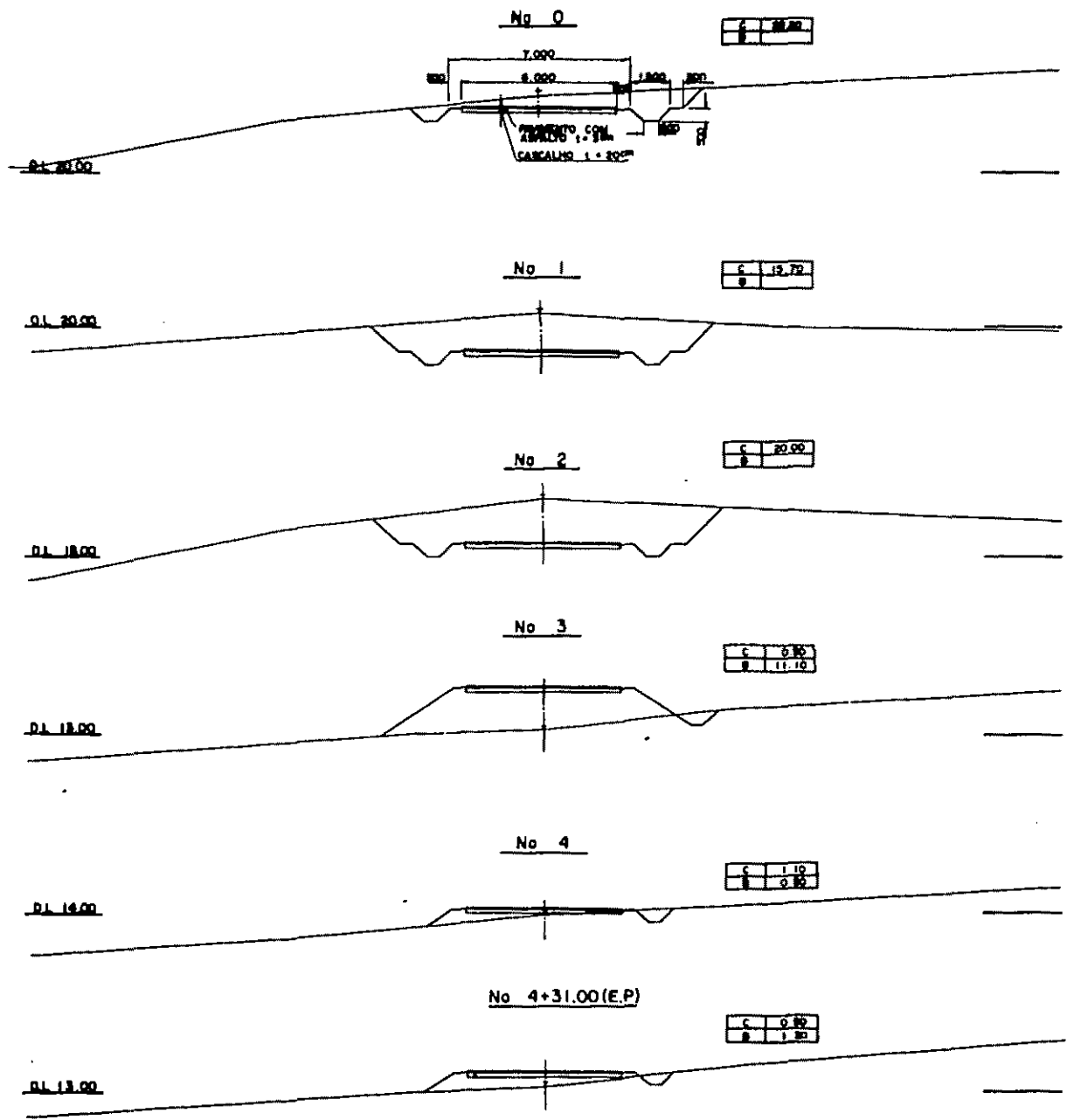
PROJETO: RUA

FECHA: 1:100

ESCALA: 1:1000



PLANO	DECLIVE	1:1,5m		1:1,5m	
		EST.	AL.	EST.	AL.
RESERVA DO RESERVOIRIO	1:1,5	22,00	22,00	22,00	22,00
COTA DA ESTRADA	1:1,5	22,00	22,00	22,00	22,00
COTA DA SUPERFICIE	1:1,5	22,00	22,00	22,00	22,00
EST. ANTERIORES	1:1,5	22,00	22,00	22,00	22,00
EST.	1:1,5	22,00	22,00	22,00	22,00
AL.	1:1,5	22,00	22,00	22,00	22,00



NOTA
 C : ESCAVAÇÃO
 B : SOLO AMONTADO

ESCALA 1:100

CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA

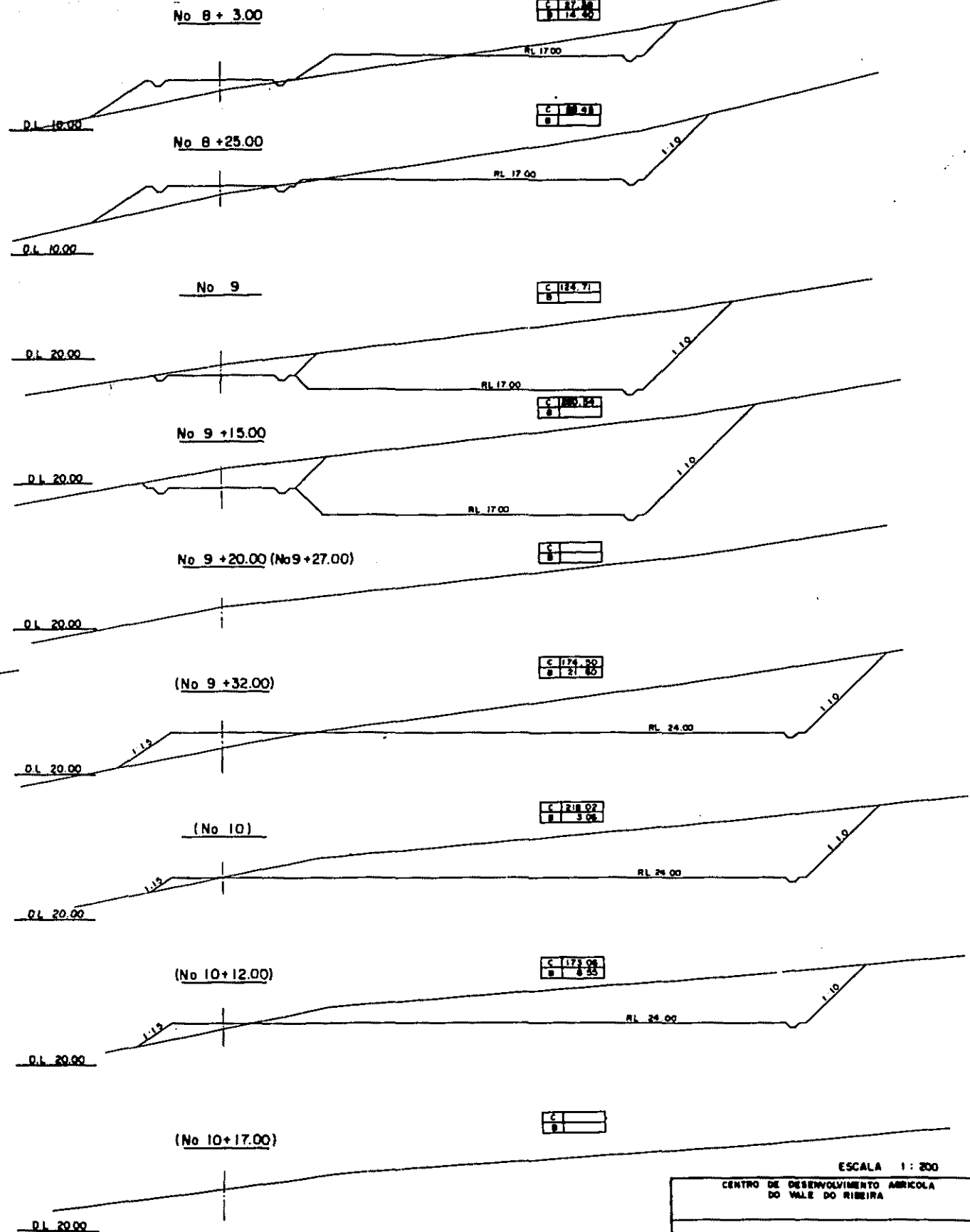
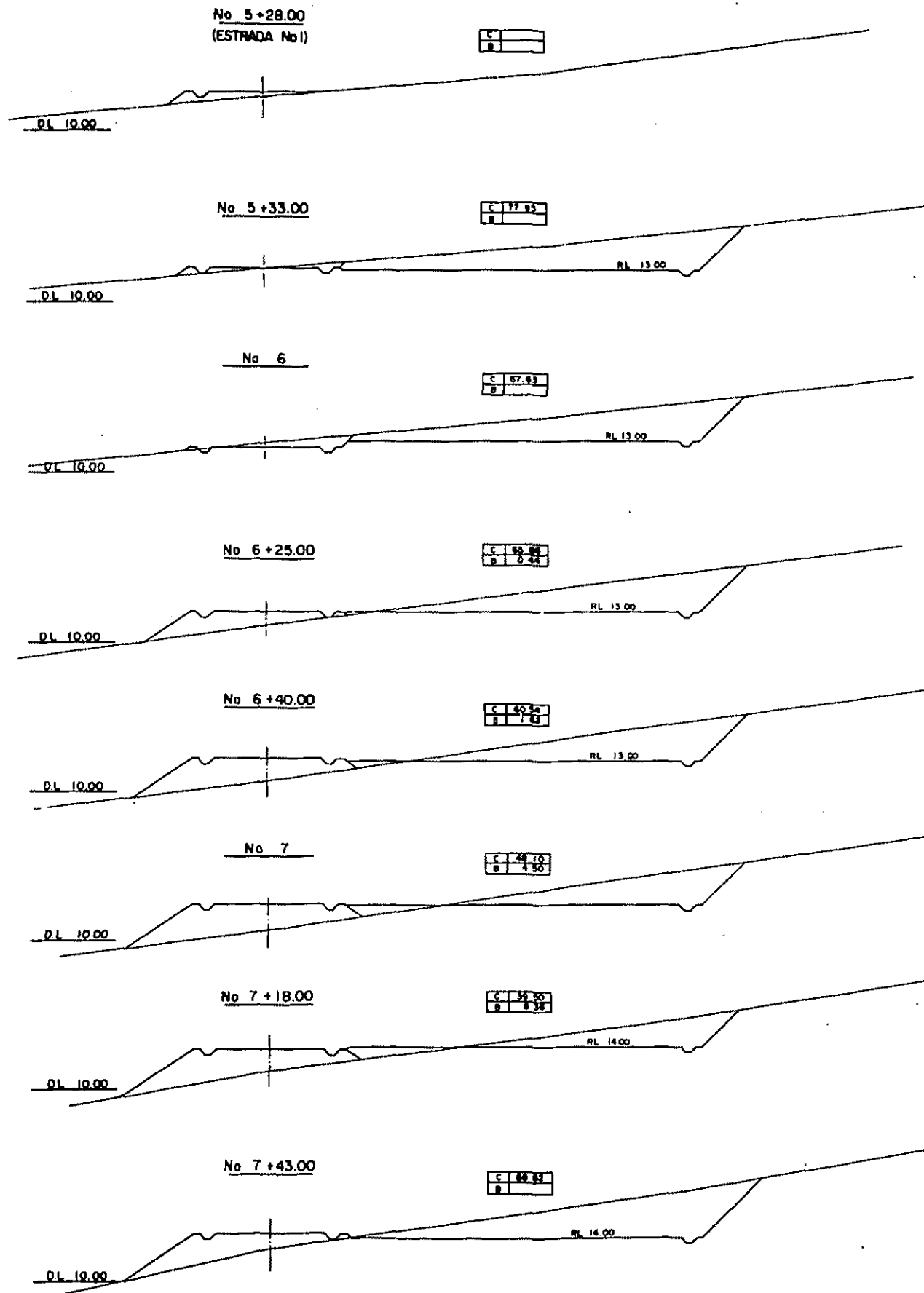
SEÇÃO LONGITUDINAL E SEÇÃO TRANSVERSAL DO ESTABO No 2

JICA JAPAN INTERNATIONAL COOPERATION AGENCY A-19

1:100

1:1000

ESCALA



NOTA
 C: ESCAVAÇÃO
 B: SOLO AMONTADO

ESCALA 1:200

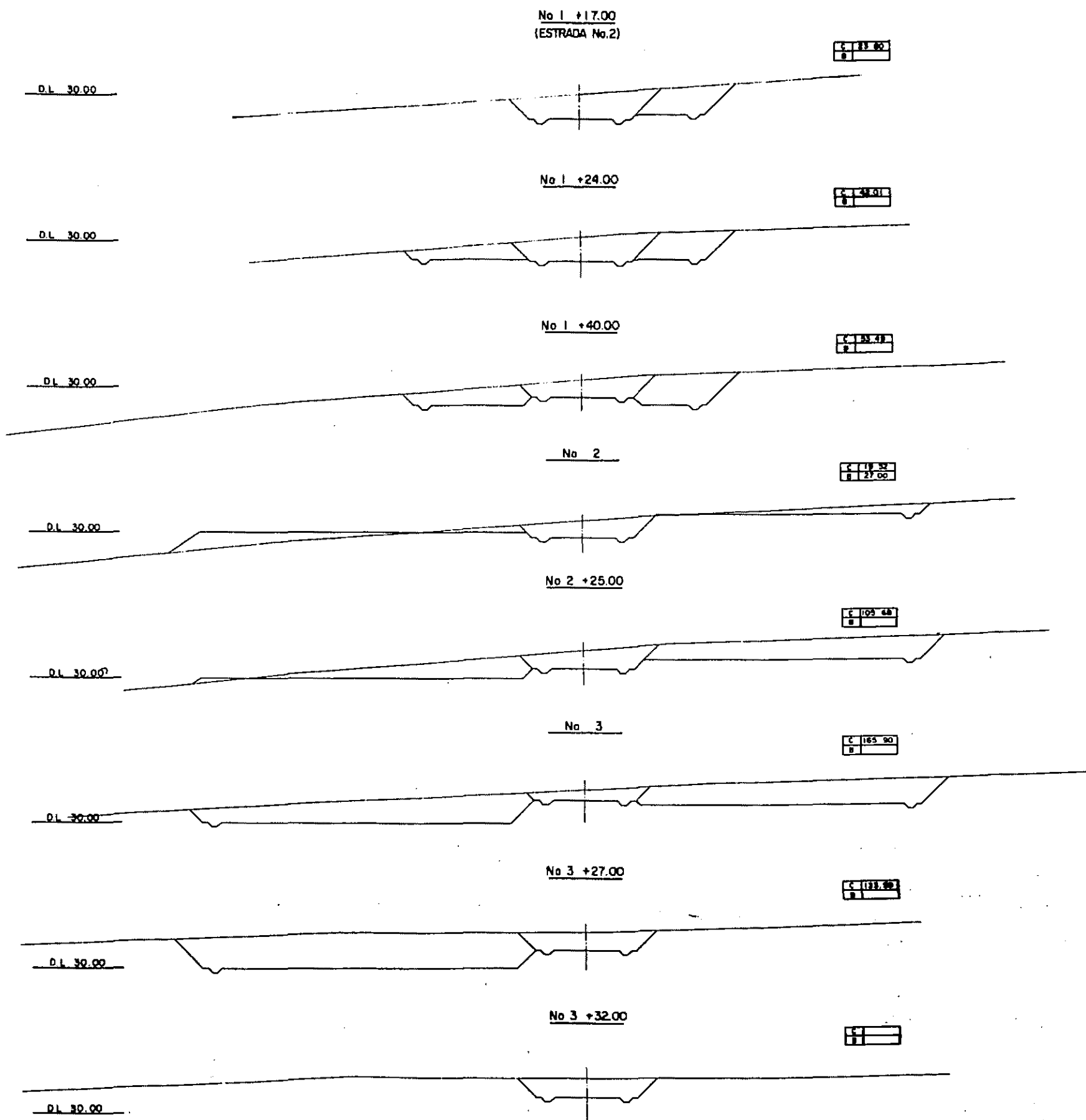
CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA

SEÇÃO TRANSVERSAL DO FUNDAÇÃO DO CABAS (1)

JICA JAPAN INTERNATIONAL COOPERATION AGENCY A-20

DATA: _____

ESCALA



C	11.00
B	

C	14.01
B	

C	15.49
B	

C	18.32
B	27.00

C	109.68
B	

C	165.90
B	

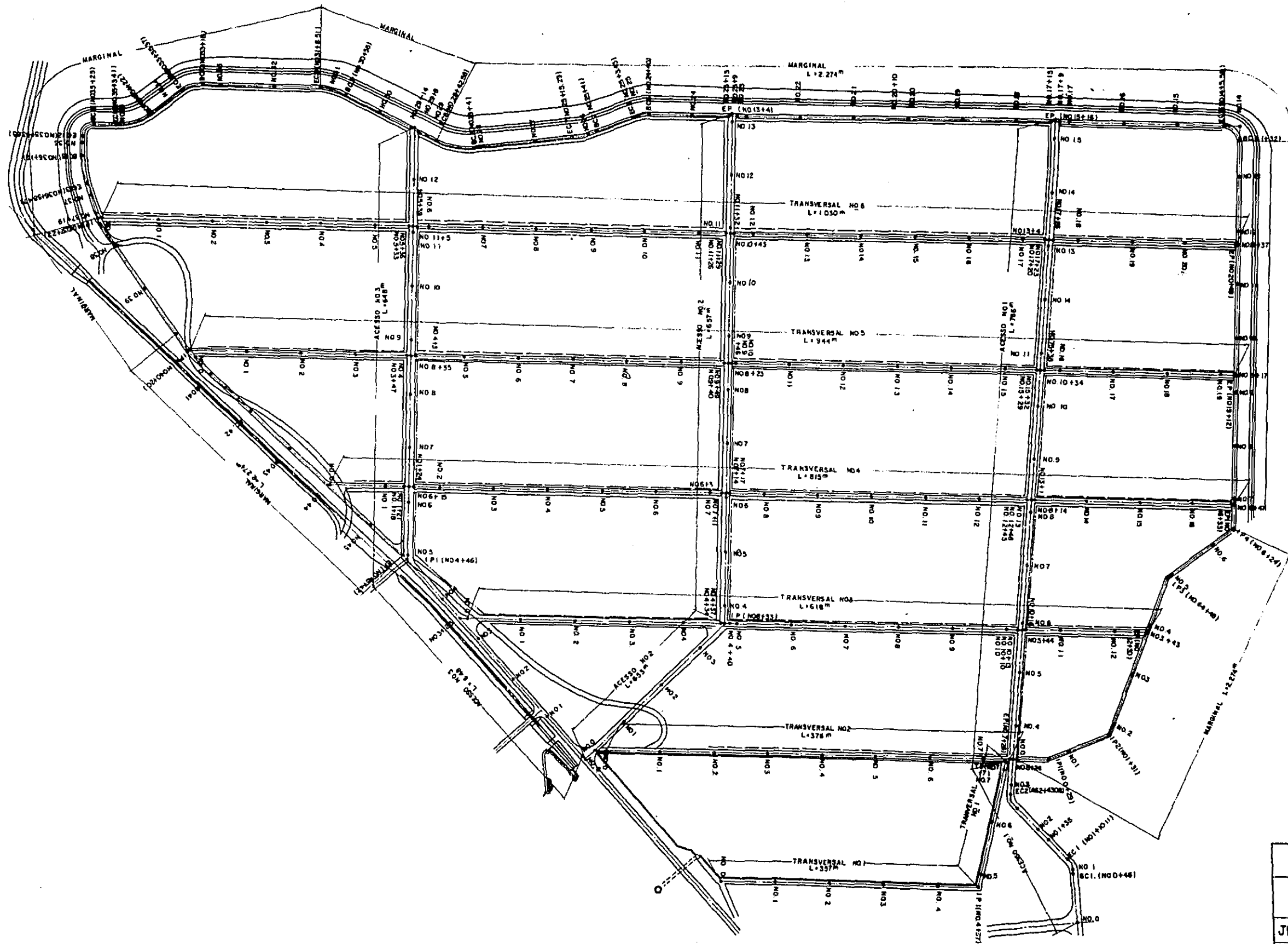
C	122.82
B	

C	
B	

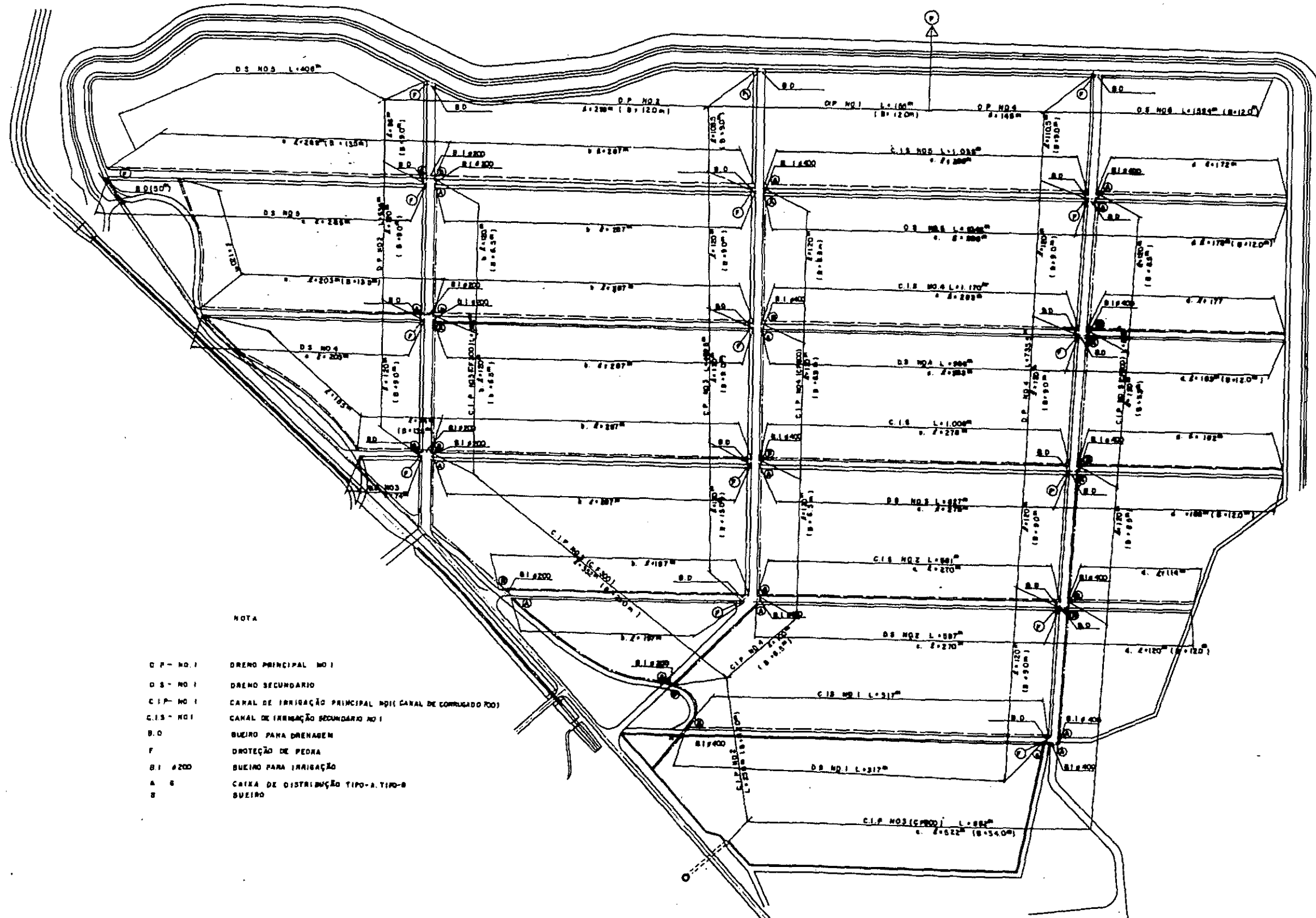
NOTA
 C : ESCAVAÇÃO
 B : SOLO AMONTADO

ESCALA 1 : 200

CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA		
SEÇÃO TRANSVERSAL DO FUNDAÇÃO DO CASAS (2)		
JICA	JAPAN INTERNATIONAL COOPERATION AGENCY	A - 21
DESENHO	BATH	1 : 200
VERIFICADO		ESCALA
APROVADO		



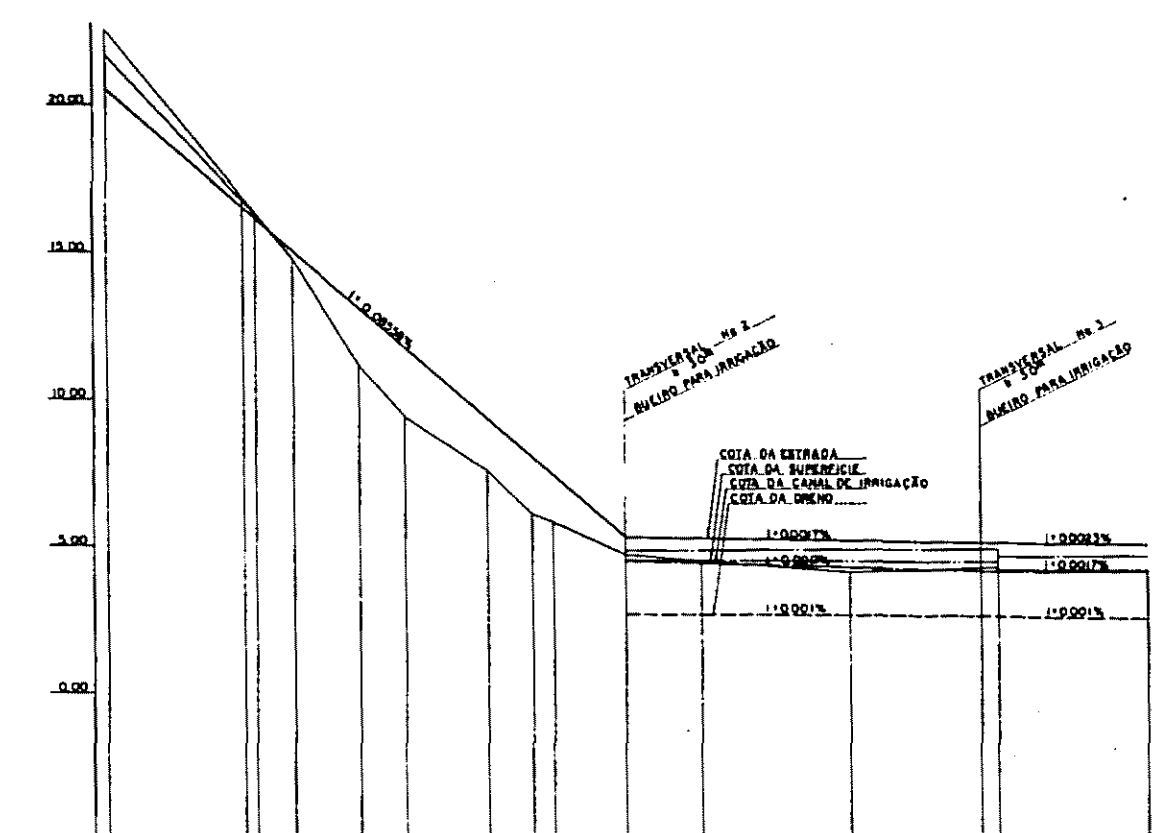
CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA		
PLANTA GERAL DO ESTRADAS DENTRO AREA DE POLDER		
JICA	JAPAN INTERNATIONAL COOPERATION AGENCY	A - 22
DESENHO	DATA	11/01/80
VERIFICACAO		1:1500
APROVACAO		ESCALA



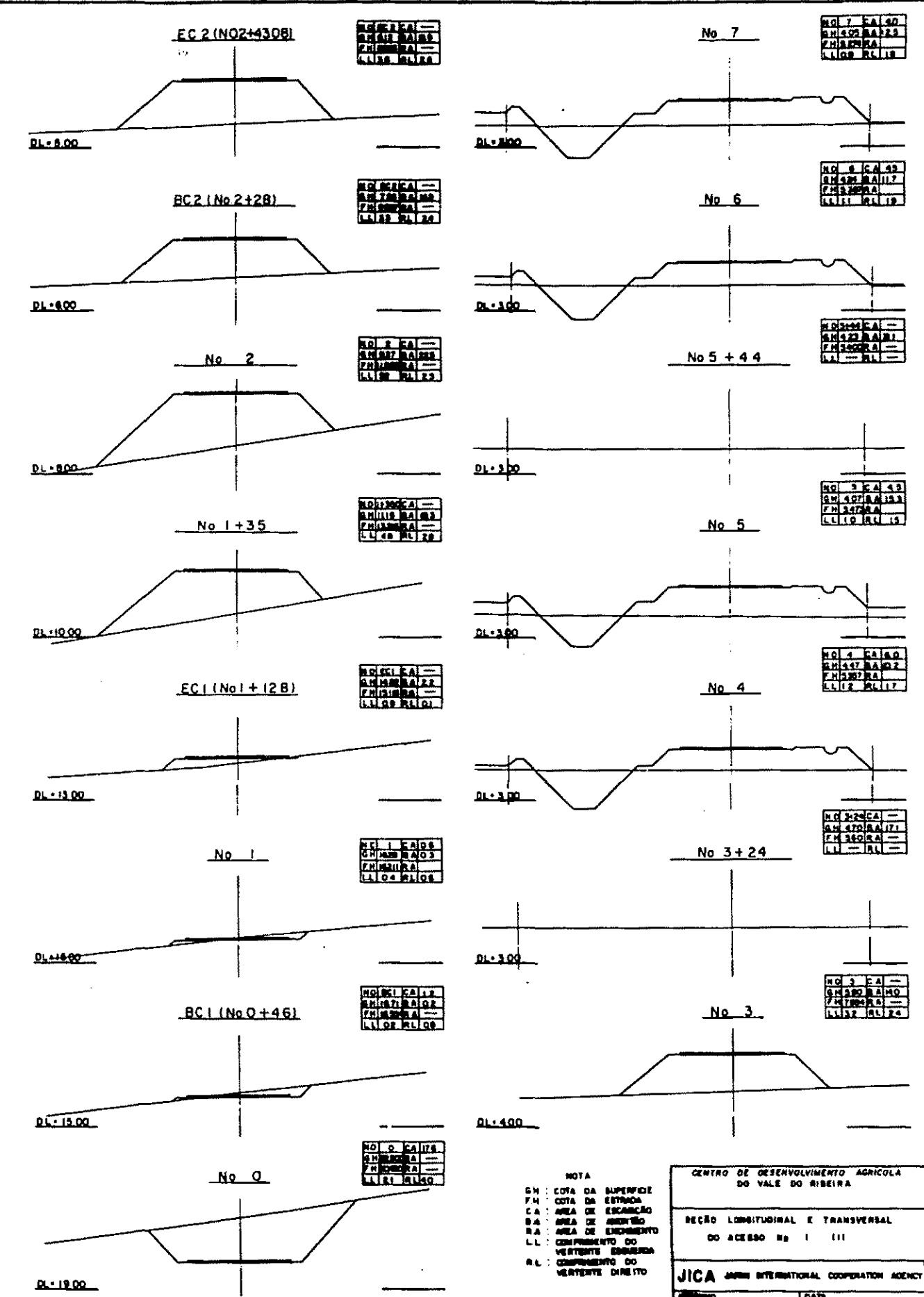
NOTA

- D.P. - NO. 1 DRENO PRINCIPAL NO 1
- D.S. - NO. 1 DRENO SECUNDARIO
- C.I.P. - NO. 1 CANAL DE IRRIGACAO PRINCIPAL NO 1 (CANAL DE CORRUGADO 700)
- C.I.S. - NO. 1 CANAL DE IRRIGACAO SECUNDARIO NO 1
- B.O. BUEIRO PARA DRENAGEM
- F. PROTEÇÃO DE PEDRA
- B1. #200 BUEIRO PARA IRRIGACAO
- A & B CAIXA DE DISTRIBUIÇÃO TIPO-A. TIPO-B
- B BUEIRO

CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA		
PLANTA GERAL DO CANAL DE IRRIGACAO E DRENO		
JICA	JAPAN INTERNATIONAL COOPERATION AGENCY	A-23
DESENHO	DATA	1/1960
VERIFICACAO		
APROVACAO		ESCALA



P.LANO	COTA DA SUPERFICIE ESCAVACAO									
	0+00	0+10	0+20	0+30	0+40	0+50	0+60	0+70	0+80	0+90
COTA DA SUPERFICIE ESCAVACAO	18.50	17.50	16.50	15.50	14.50	13.50	12.50	11.50	10.50	9.50
COTA DA SUPERFICIE DIREITO	18.50	17.50	16.50	15.50	14.50	13.50	12.50	11.50	10.50	9.50
COTA DA SUPERFICIE OBRERA	18.50	17.50	16.50	15.50	14.50	13.50	12.50	11.50	10.50	9.50
COTA DA SUPERFICIE DE CANAL DE IRRIGACAO	18.50	17.50	16.50	15.50	14.50	13.50	12.50	11.50	10.50	9.50
COTA DA ESTRADA	18.50	17.50	16.50	15.50	14.50	13.50	12.50	11.50	10.50	9.50
COTA DA SUPERFICIE	18.50	17.50	16.50	15.50	14.50	13.50	12.50	11.50	10.50	9.50
DIST.	0	10	20	30	40	50	60	70	80	90
ACUMULADA	0	10	20	30	40	50	60	70	80	90
DIST.	0	10	20	30	40	50	60	70	80	90
Nº	1	2	3	4	5	6	7	8	9	10
CURVA	100m									



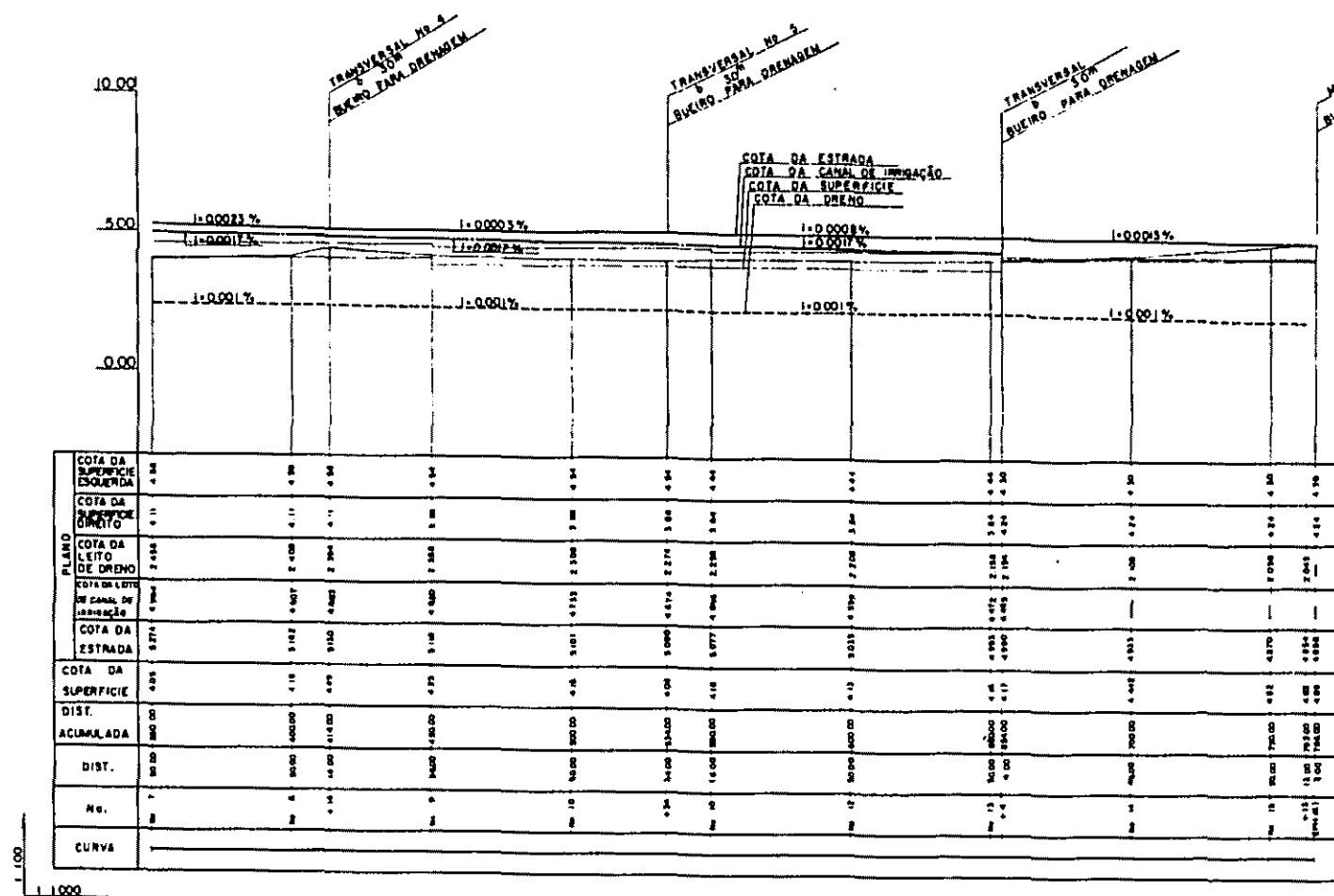
NOTA
 CH: COTA DA SUPERFICIE
 FH: COTA DA ESTRADA
 CA: AREA DE ESCAVACAO
 BA: AREA DE ANEXO
 RA: AREA DE ENCAMBIO
 LL: COMPRIMENTO DO VERTENTE ESQUERDA
 RL: COMPRIMENTO DO VERTENTE DIREITO

GENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA

RECRO LONGITUDINAL E TRANSVERSAL DO ACESSO Nº 1 III

JICA JAPAN INTERNATIONAL COOPERATION AGENCY A-24

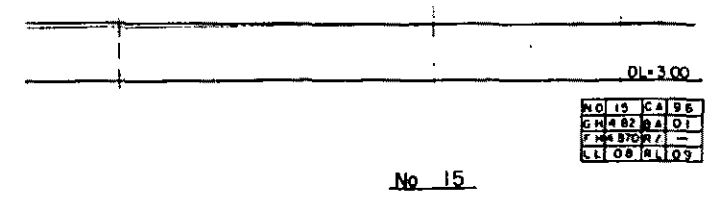
1:1000 ESCALA



PLANO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
COTA DA SUPERFICIE ESQUERDA	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
COTA DA SUPERFICIE DIREITA	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
COTA DA LEITO DE DRENO	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
COTA DA SUPERFICIE DE CANAL DE IRRIGAÇÃO	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
COTA DA ESTRADA	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
COTA DA SUPERFICIE	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
DIST. ACUMULADA	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500
DIST.	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500
No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
CURVA																

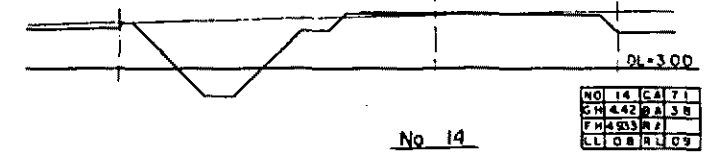
EP (No 15 + 16)

NO 15	CA 86
GH	4.89 BA 01
FH	4.89 RA 01
LL	RL 01



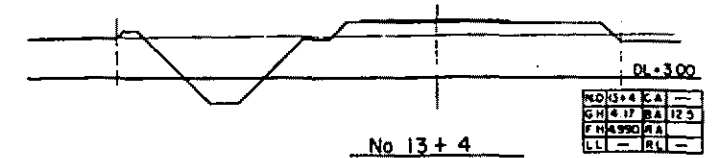
NO 15	CA 86
GH	4.89 BA 01
FH	4.89 RA 01
LL	RL 01

No 15



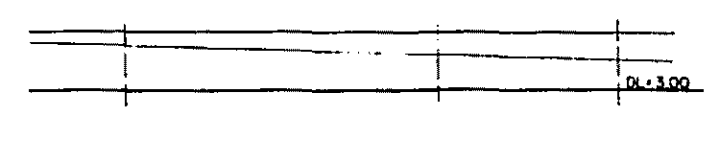
NO 14	CA 71
GH	4.42 BA 78
FH	4.42 RA 78
LL	RL 78

No 14



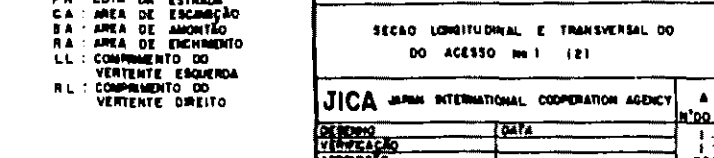
NO 13+4	CA 100
GH	4.15 BA 100
FH	4.15 RA 100
LL	RL 100

No 13 + 4



NO 12	CA 80
GH	4.15 BA 79
FH	4.15 RA 79
LL	RL 79

No 12

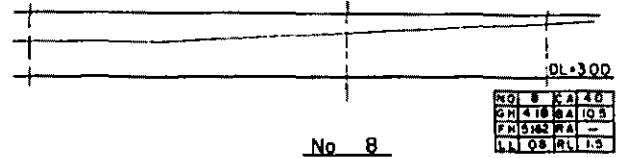


NO 11	CA 60
GH	4.15 BA 89
FH	4.15 RA 89
LL	RL 89

No 11

No 8 + 14

NO 8+14	CA 128
GH	4.49 BA 128
FH	4.49 RA 128
LL	RL 128

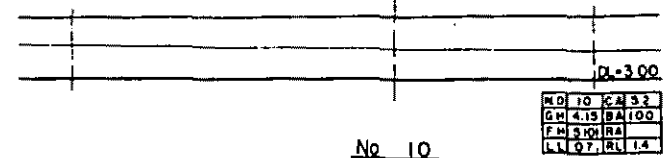


NO 8	CA 40
GH	4.15 BA 108
FH	4.15 RA 108
LL	RL 108

No 8

No 10 + 34

NO 10+34	CA 189
GH	4.08 BA 189
FH	4.08 RA 189
LL	RL 189

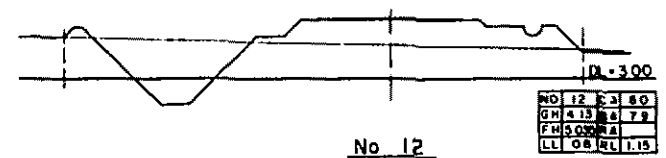


NO 10	CA 32
GH	4.15 BA 100
FH	4.15 RA 100
LL	RL 100

No 10

No 13

NO 13	CA 68
GH	4.16 BA 78
FH	4.16 RA 78
LL	RL 78



NO 13	CA 68
GH	4.16 BA 78
FH	4.16 RA 78
LL	RL 78

No 13

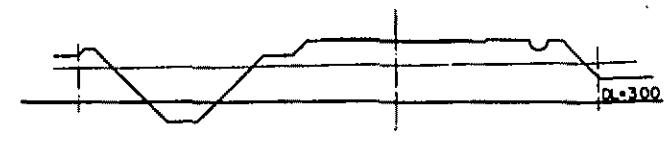
No 7

NO 7	CA 40
GH	4.05 BA 125
FH	4.05 RA 125
LL	RL 125



No 9

NO 9	CA 50
GH	4.23 BA 81
FH	4.23 RA 81
LL	RL 81



No 11

NOTA
 GH - COTA DA SUPERFICIE
 FH - COTA DA ESTRADA
 CA - AREA DE ESCAVAÇÃO
 BA - AREA DE AMONTAÇÃO
 RA - AREA DE ENCHIMENTO
 LL - COMPRIMENTO DO VERTENTE ESQUERDA
 RL - COMPRIMENTO DO VERTENTE DIREITO

CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA

SEÇÃO LONGITUDINAL E TRANSVERSAL DO DO ACESSO Nº 1 (2)

JICA JAPAN INTERNATIONAL COOPERATION AGENCY A - 25

DESENHO DATA N.º DE DESENHO

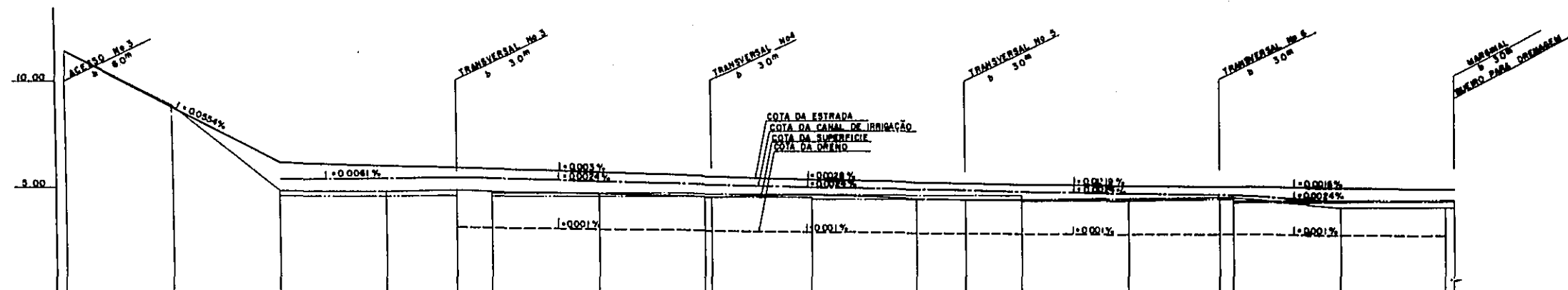
VERIFICAÇÃO

APROVAÇÃO

ESCALA 1:100

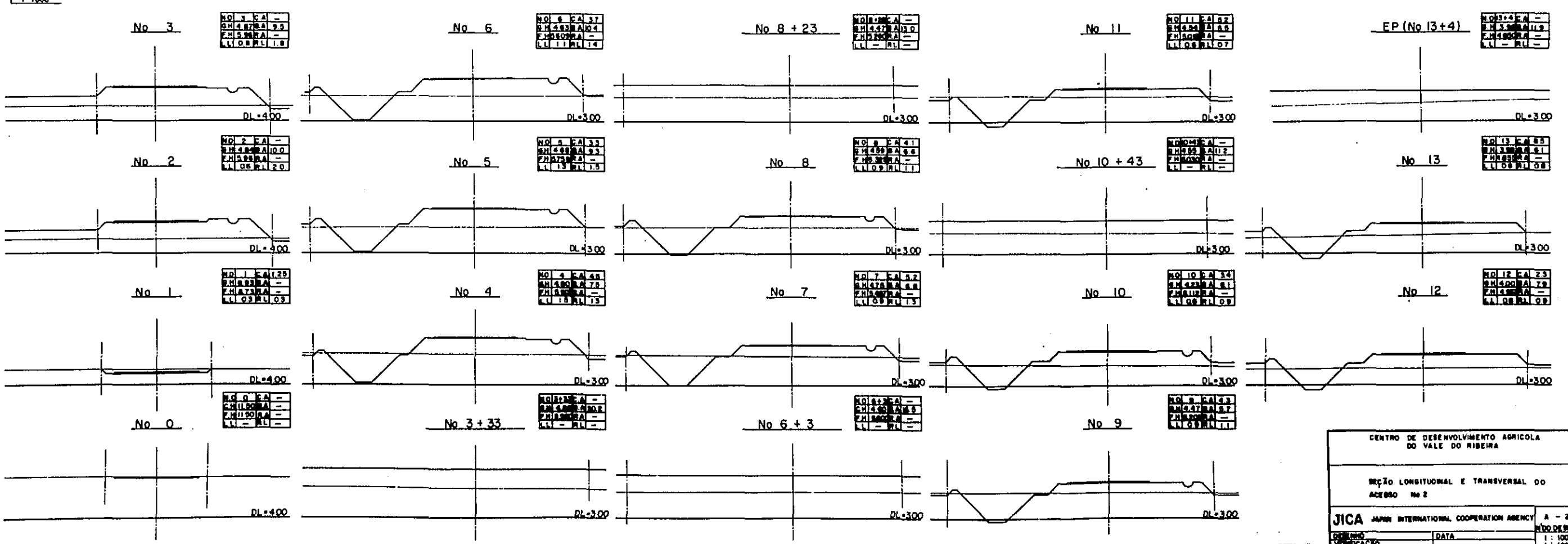
1:1000

ESCALA



PUNTO	COTA DA SUPERFICIE												
	1	2	3	4	5	6	7	8	9	10	11	12	13
COTA DA SUPERFICIE	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95
COTA DA SUPERFICIE DIREITO	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95
COTA DA LITTO DE DRENAGEM	3.10	3.10	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11
COTA DA ESTRADA	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95
COTA DA SUPERFICIE	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95
DIST. ACUMULADA	0	0	0	0	0	0	0	0	0	0	0	0	0
DIST.	0	0	0	0	0	0	0	0	0	0	0	0	0
No.	1	2	3	4	5	6	7	8	9	10	11	12	13
CURVA													

NOTA
 GH: COTA DA SUPERFICIE
 FH: COTA DA ESTRADA
 CA: AREA DE ESCANCAO
 SA: AREA DE AMORTAO
 RA: AREA DE ENCHIMENTO
 LL: COMPRIMENTO DO VERTENTE ESQUERDA
 RL: COMPRIMENTO DO VERTENTE DIREITO



CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA

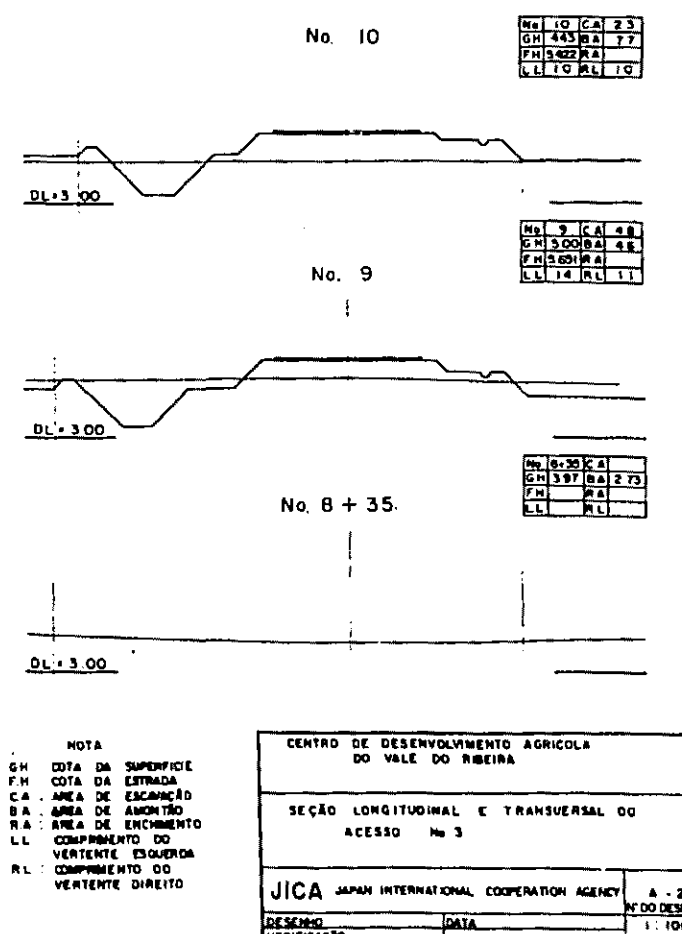
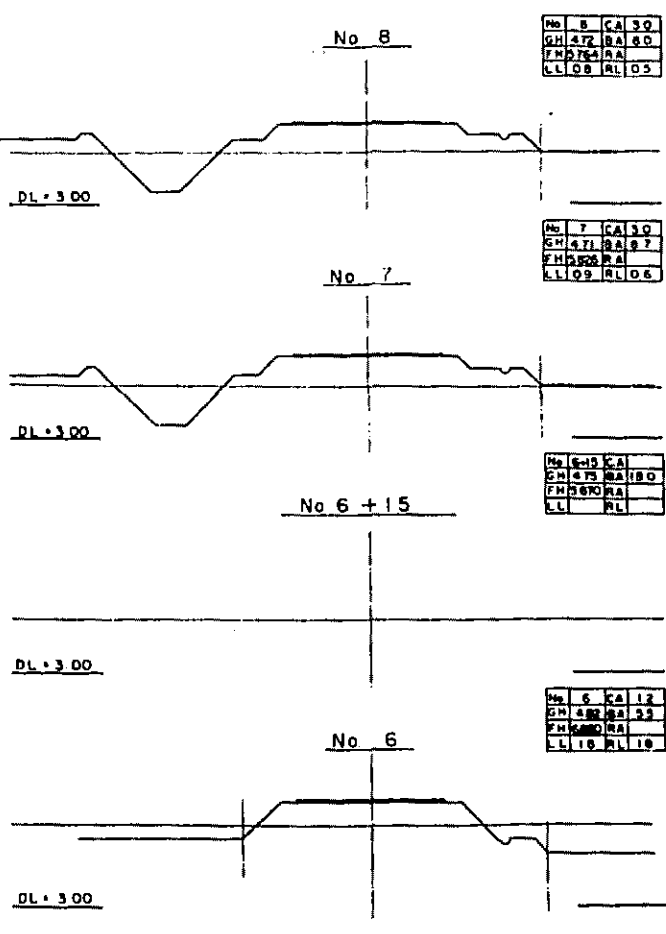
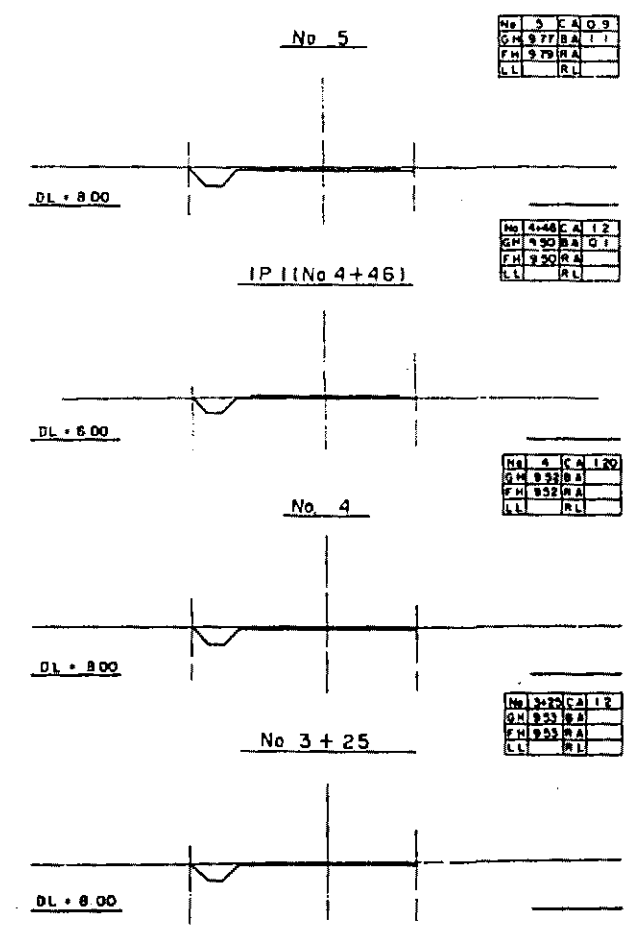
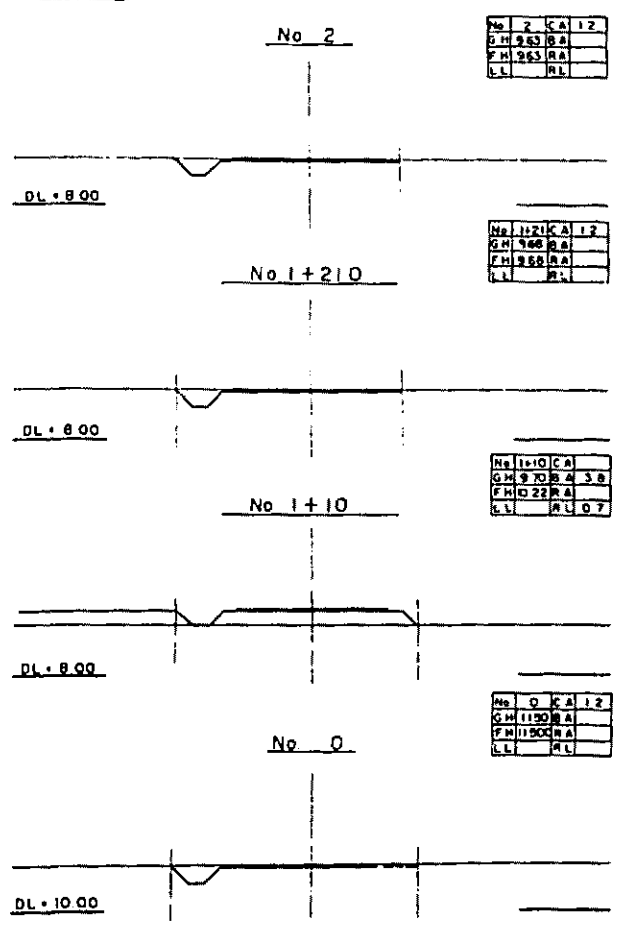
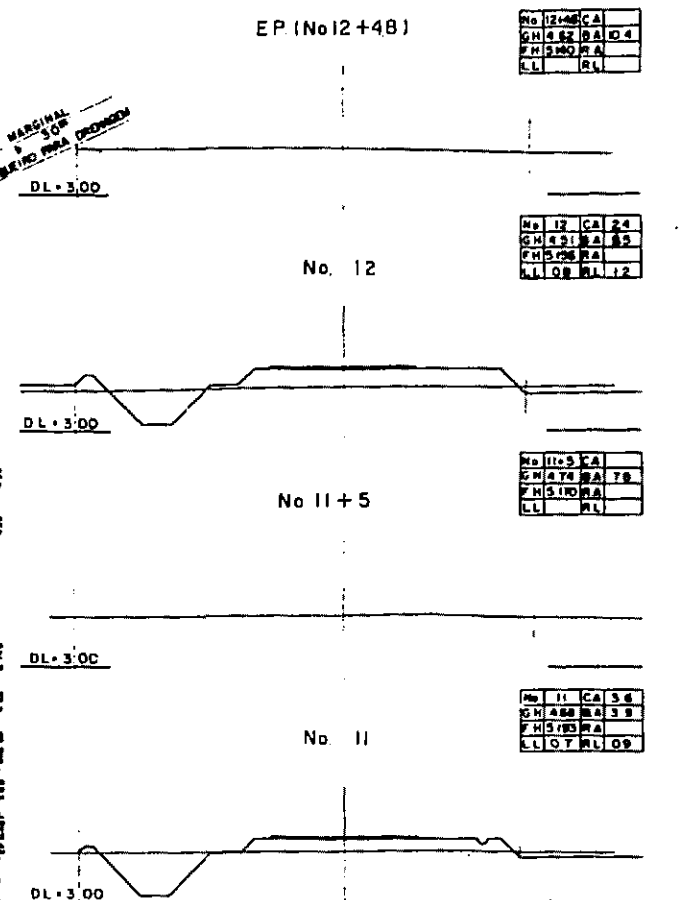
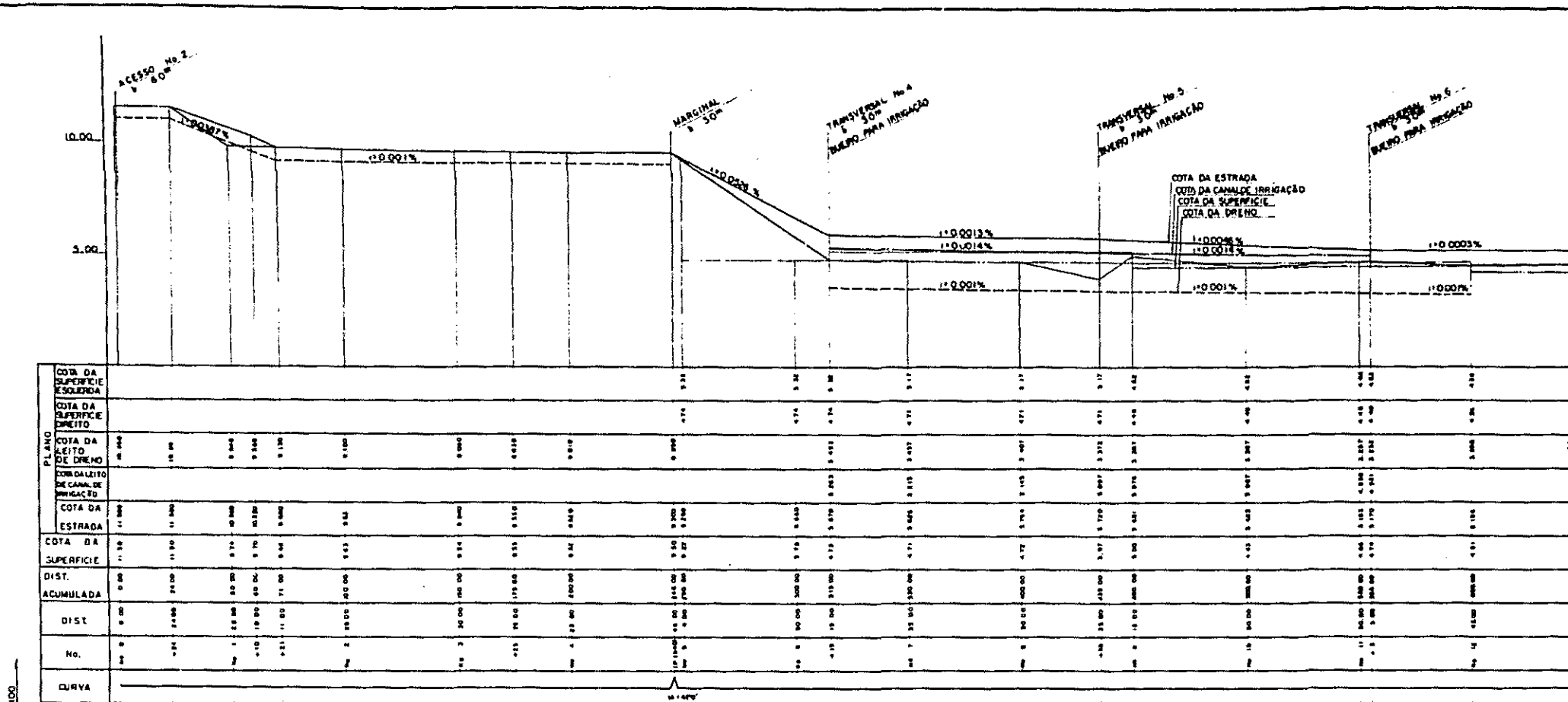
SEÇÃO LONGITUDINAL E TRANSVERSAL DO ACESSO No 2

JICA JAPAN INTERNATIONAL COOPERATION AGENCY A - 26

DATA: _____ MODO DESENHO: _____

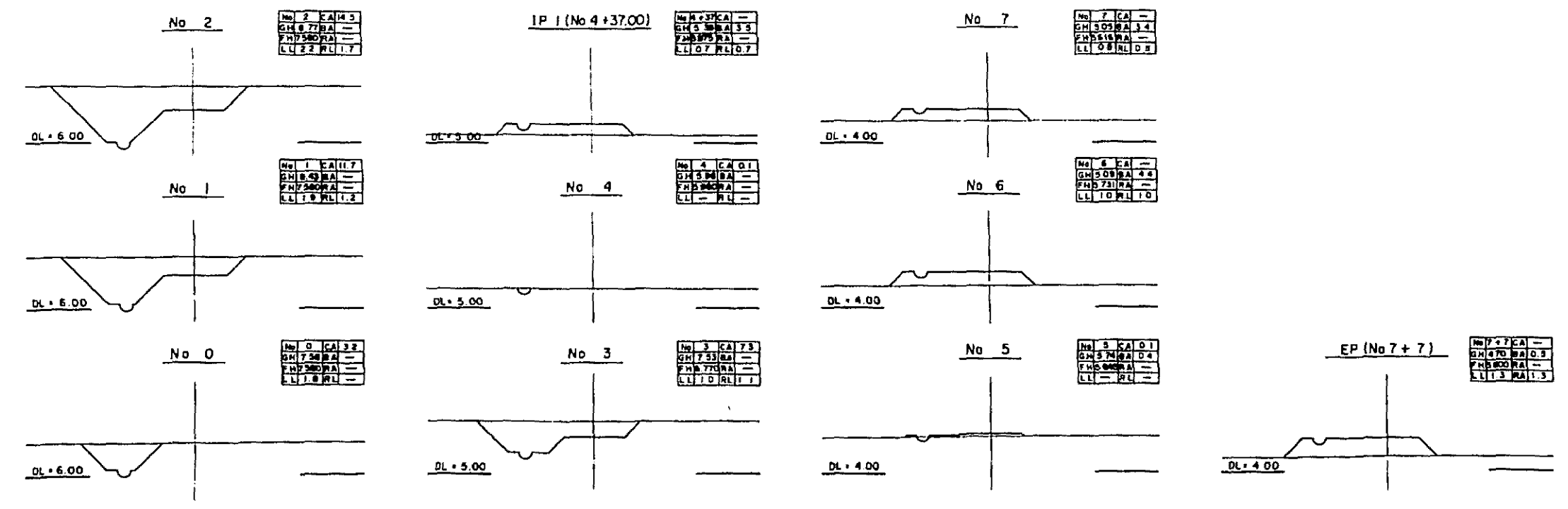
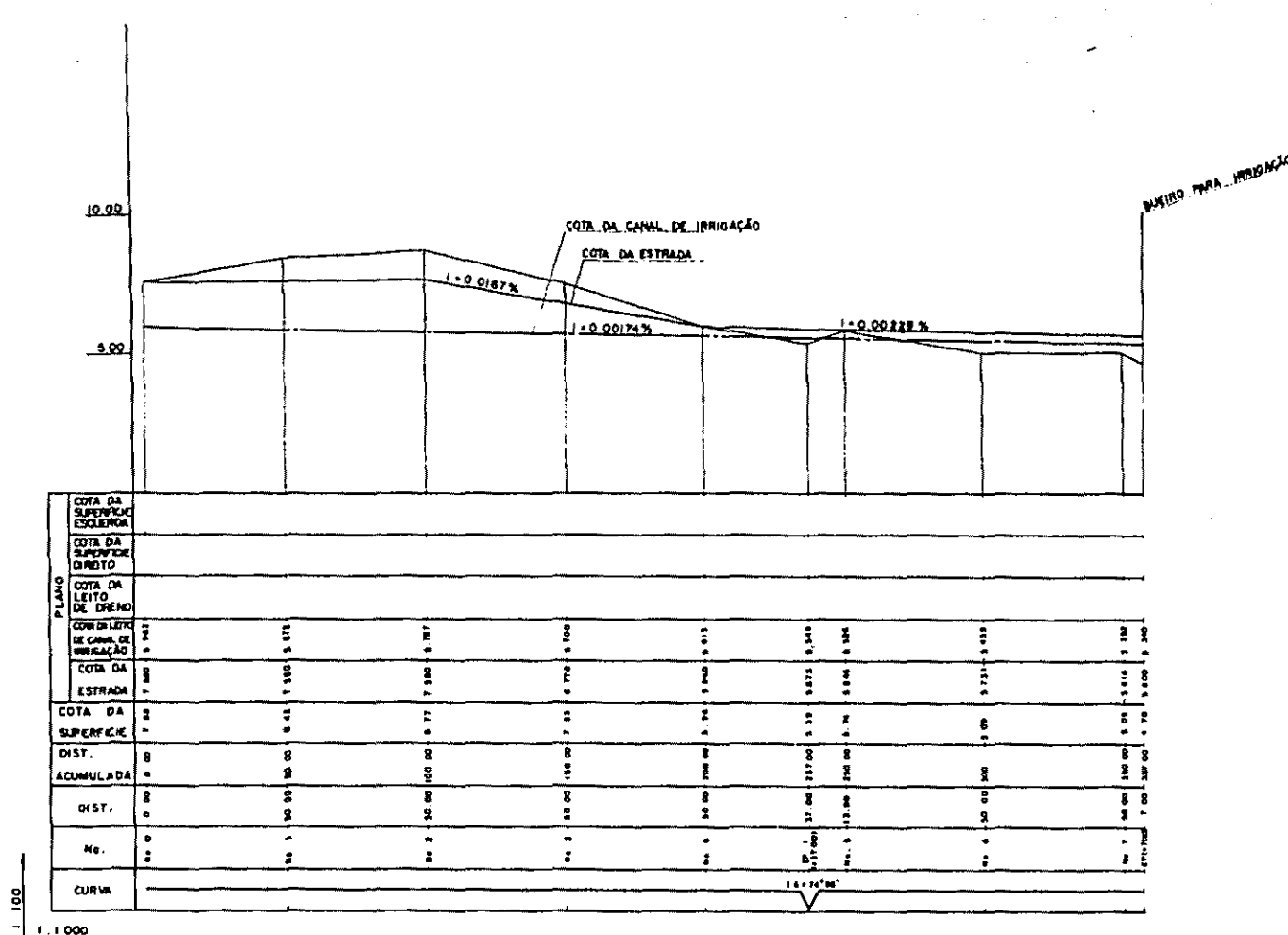
ESCALA: 1:100

EP (No 12+48)



NOTA
 GH: COTA DA SUPERFÍCIE
 F.H: COTA DA ESTRADA
 CA: ÁREA DE ESCANHO
 BA: ÁREA DE ANCHO
 RA: ÁREA DE ENCHO
 LL: COMPARTIMENTO DO VERTENTE ESQUERDA
 RL: COMPARTIMENTO DO VERTENTE DIREITO

CENTRO DE DESENVOLVIMENTO AGRÍCOLA DO VALE DO RIBEIRA
 SEÇÃO LONGITUDINAL E TRANSVERSAL DO ACESSO No 3
 JICA JAPAN INTERNATIONAL COOPERATION AGENCY A - 27
 N° DO DESENHO
 DESENHO DATA
 VERIFICAÇÃO
 APROVAÇÃO
 1:100
 1:1000
 ESCALA



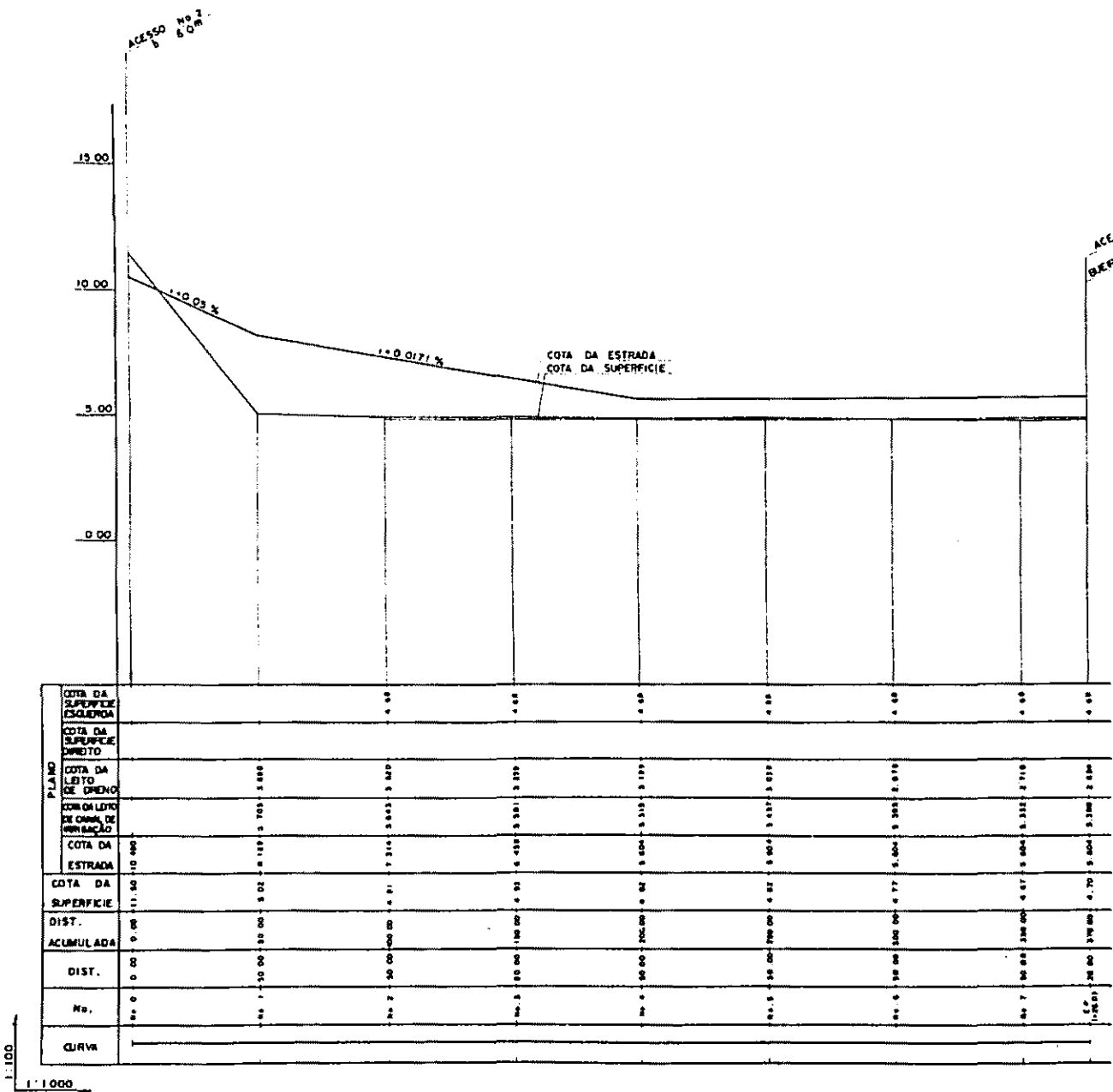
NOTA
 GH: COTA DA SUPERFÍCIE
 FH: COTA DA ESTRADA
 CA: ÁREA DE ESCAVAÇÃO
 RA: ÁREA DE AMONTIÃO
 RL: ÁREA DE ENCHIMENTO
 LL: COMPRIMENTO DO VERTENTE ESQUERDA
 RL: COMPRIMENTO DO VERTENTE DIREITO

CENTRO DE DESENVOLVIMENTO AGRÍCOLA DO VALE DO RIBEIRA

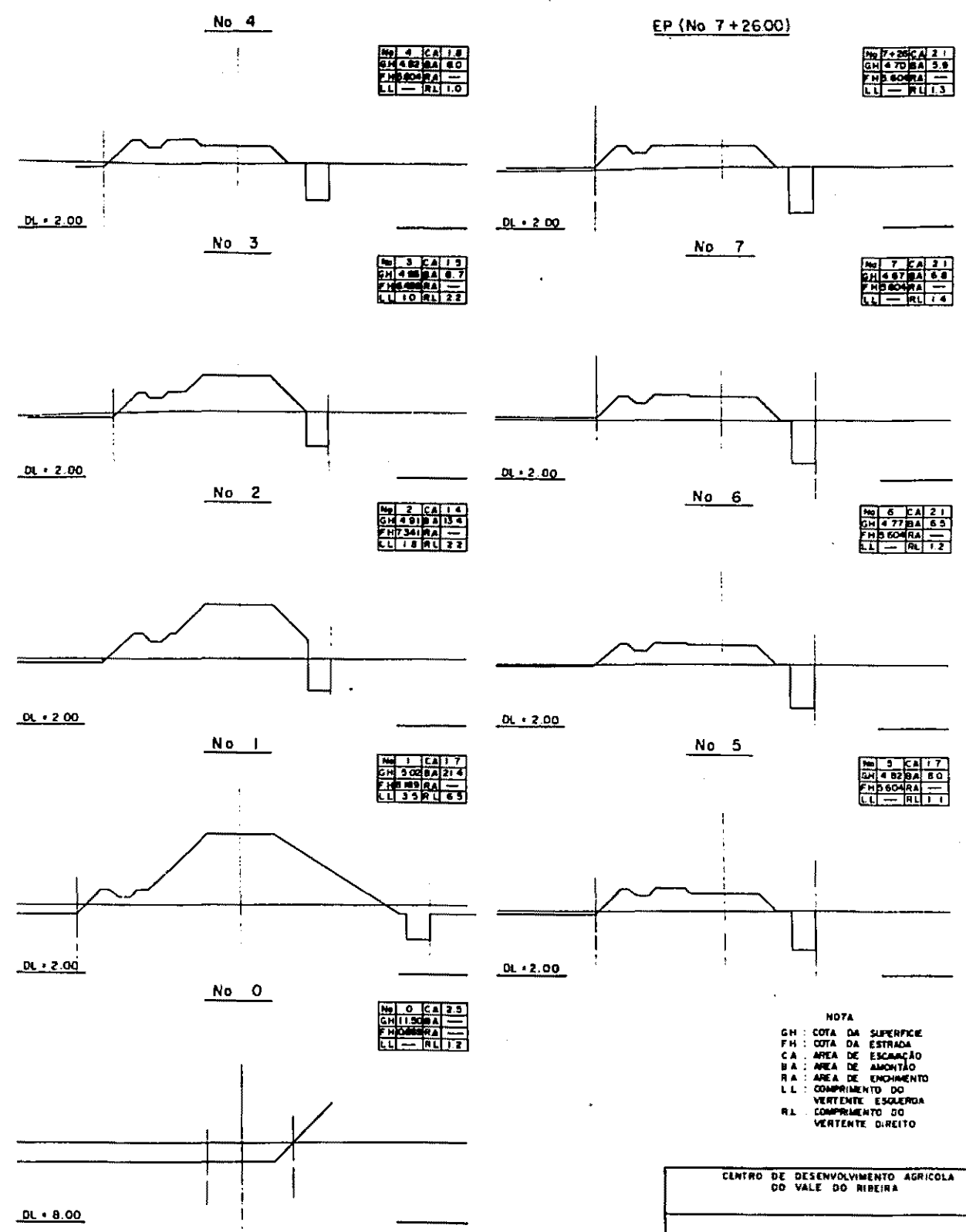
SEÇÃO LONGITUDINAL E TRANSVERSAL DO TRANSVERSAL

No 1

JICA JAPAN INTERNATIONAL COOPERATION AGENCY		A - 28
DESENHO	DATA	Nº DO DESENHO
VERIFICAÇÃO		1: 100
APPROVAÇÃO		1: 1000
		ESCALA



ALM	COTA DA SUPERFICIE ESQUERDA	COTA DA SUPERFICIE DIREITA	COTA DA LETE DO ORENHO	COTA DA LETE DE ORENHO	COTA DA ESTRADA	COTA DA SUPERFICIE	DIST.	ACUMULADA	DIST.	NO.	CURVA
	12.00	12.00	12.00	12.00	12.00	12.00	0	0	0	1	
	10.00	10.00	10.00	10.00	10.00	10.00	10	10	10	2	
	5.00	5.00	5.00	5.00	5.00	5.00	20	20	20	3	
	0.00	0.00	0.00	0.00	0.00	0.00	30	30	30	4	
							40	40	40	5	
							50	50	50	6	
							60	60	60	7	
							70	70	70	8	
							80	80	80	9	
							90	90	90	10	
							100	100	100	11	



NOTA
 GH: COTA DA SUPERFICIE
 FH: COTA DA ESTRADA
 CA: AREA DE ESCAVACAO
 BA: AREA DE AMONTAO
 RA: AREA DE ENCHIMENTO
 LL: COMPRIMENTO DO VERTENTE ESQUERDA
 RL: COMPRIMENTO DO VERTENTE DIREITO

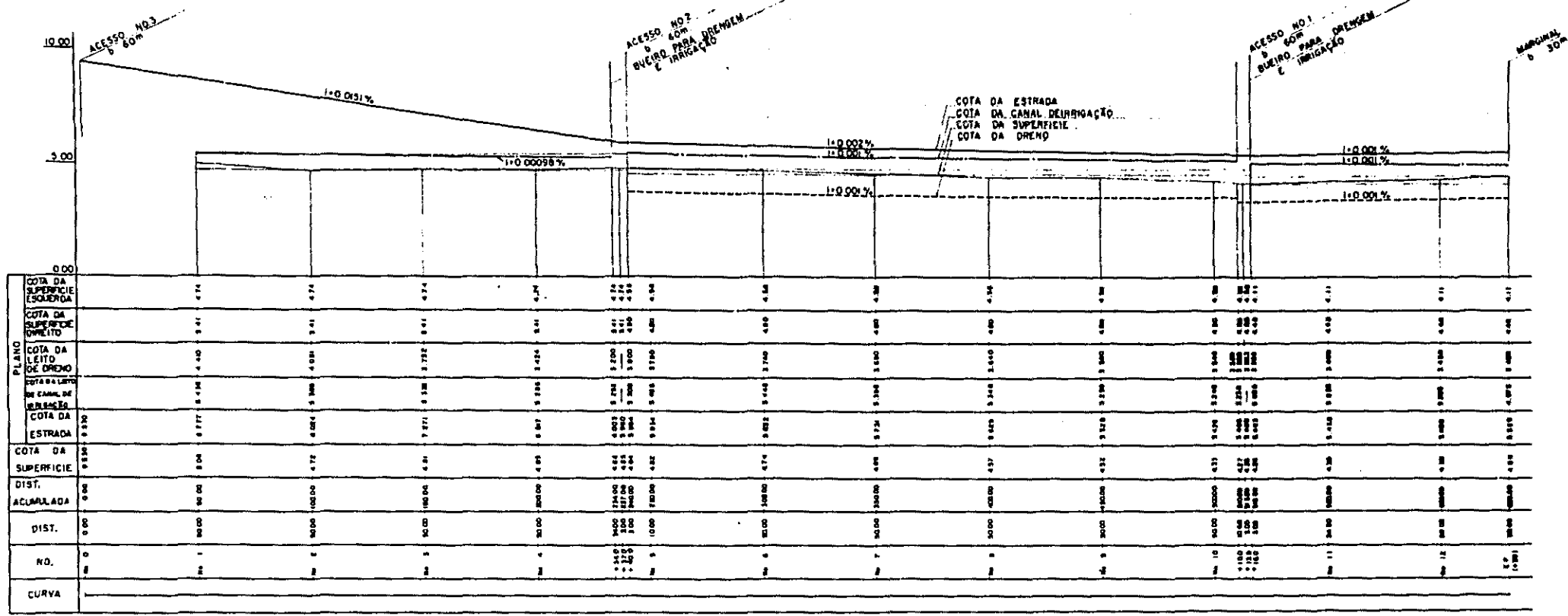
CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA

SECAO LONGITUDINAL E TRANSVERSAL DO TRANSVERSAL No 2

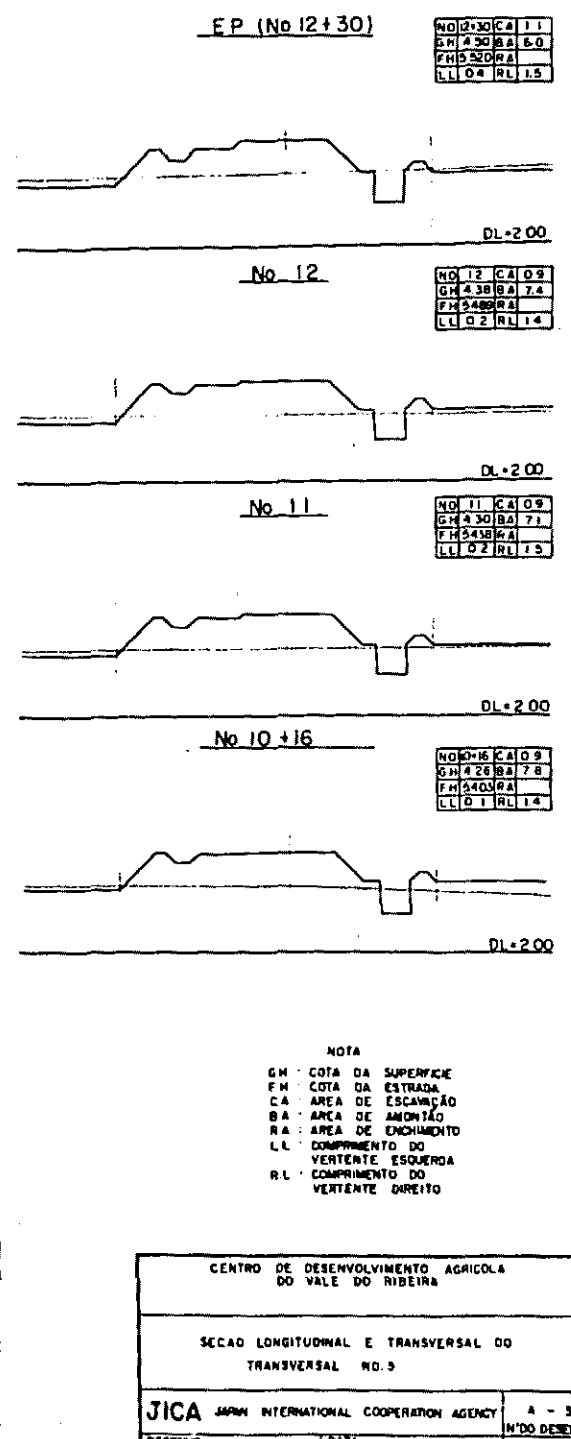
JICA JAPAN INTERNATIONAL COOPERATION AGENCY A - 29

DESENHO DATA N° DO DESENHO
 VERIFICACAO DATA N° DO DESENHO
 APROVACAO DATA N° DO DESENHO

ESCALA 1:1000



PLANO	COTA DA SUPERFICIE ESQUERDA	COTA DA SUPERFICIE DIREITA	COTA DA LESTE DE DRENHO	COTA DA LESTE DE CANAL DE DRENHO	COTA DA ESTRADA	COTA DA SUPERFICIE	DIST.	ACUMULADA	DIST.	NO.	CURVA
1	10.00	9.74	9.74	9.74	9.74	9.74	0	0	0	1	
2	9.50	9.41	9.41	9.41	9.41	9.41	100.00	100.00	100	2	
3	9.00	8.91	8.91	8.91	8.91	8.91	200.00	200.00	200	3	
4	8.50	8.41	8.41	8.41	8.41	8.41	300.00	300.00	300	4	
5	8.00	7.91	7.91	7.91	7.91	7.91	400.00	400.00	400	5	
6	7.50	7.41	7.41	7.41	7.41	7.41	500.00	500.00	500	6	
7	7.00	6.91	6.91	6.91	6.91	6.91	600.00	600.00	600	7	
8	6.50	6.41	6.41	6.41	6.41	6.41	700.00	700.00	700	8	
9	6.00	5.91	5.91	5.91	5.91	5.91	800.00	800.00	800	9	
10	5.50	5.41	5.41	5.41	5.41	5.41	900.00	900.00	900	10	
11	5.00	4.91	4.91	4.91	4.91	4.91	1000.00	1000.00	1000	11	
12	4.50	4.41	4.41	4.41	4.41	4.41	1100.00	1100.00	1100	12	
13	4.00	3.91	3.91	3.91	3.91	3.91	1200.00	1200.00	1200	13	
14	3.50	3.41	3.41	3.41	3.41	3.41	1300.00	1300.00	1300	14	
15	3.00	2.91	2.91	2.91	2.91	2.91	1400.00	1400.00	1400	15	
16	2.50	2.41	2.41	2.41	2.41	2.41	1500.00	1500.00	1500	16	
17	2.00	1.91	1.91	1.91	1.91	1.91	1600.00	1600.00	1600	17	
18	1.50	1.41	1.41	1.41	1.41	1.41	1700.00	1700.00	1700	18	
19	1.00	0.91	0.91	0.91	0.91	0.91	1800.00	1800.00	1800	19	
20	0.50	0.41	0.41	0.41	0.41	0.41	1900.00	1900.00	1900	20	
21	0.00	-0.09	-0.09	-0.09	-0.09	-0.09	2000.00	2000.00	2000	21	



NOTA
 GM - COTA DA SUPERFICIE
 FM - COTA DA ESTRADA
 CA - AREA DE ESCAVACAO
 BA - AREA DE AMONTEAO
 RA - AREA DE ENCHIMENTO
 LL - COMPRIMENTO DO VERTENTE ESQUERDA
 RL - COMPRIMENTO DO VERTENTE DIREITO

CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA

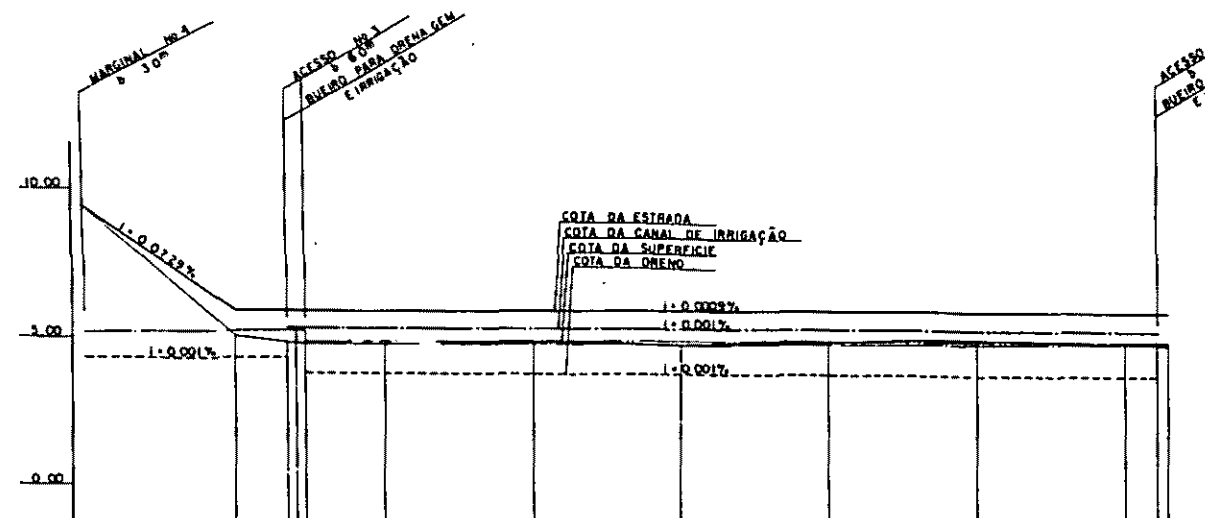
SECAO LONGITUDINAL E TRANSVERSAL DO TRANSVERSAL NO. 3

JICA JAPAN INTERNATIONAL COOPERATION AGENCY A - 30

DESENHO DATA N.º DO DESENHO

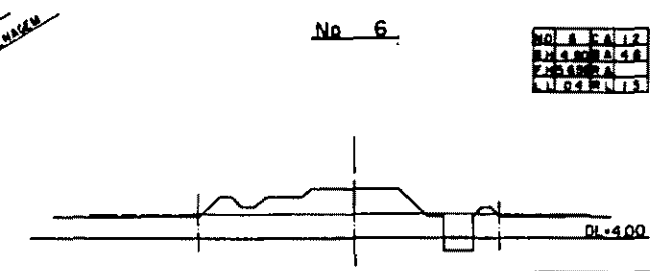
VERIFICACAO DATA 1:100

APROVACAO DATA 1:1000 ESCALA

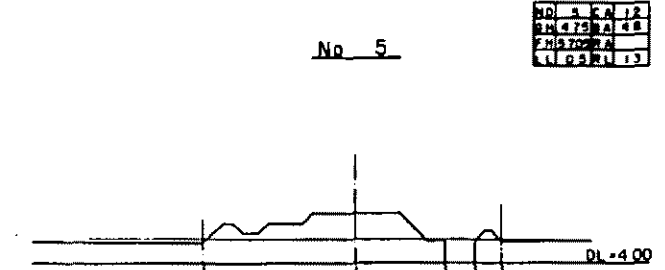


PLANO	1	2	3	4	5	6	7	8	9	10
COTA DA SUPERFÍCIE ESQUERDA	10.00	9.99	9.98	9.97	9.96	9.95	9.94	9.93	9.92	9.91
COTA DA SUPERFÍCIE DIREITA	10.00	9.99	9.98	9.97	9.96	9.95	9.94	9.93	9.92	9.91
COTA DA LEITO DE DRENO	5.00	4.99	4.98	4.97	4.96	4.95	4.94	4.93	4.92	4.91
COTA DO LEITO DO CANAL DE IRRIGAÇÃO	0.00	-0.01	-0.02	-0.03	-0.04	-0.05	-0.06	-0.07	-0.08	-0.09
COTA DA ESTRADA	10.00	9.99	9.98	9.97	9.96	9.95	9.94	9.93	9.92	9.91
COTA DA SUPERFÍCIE	10.00	9.99	9.98	9.97	9.96	9.95	9.94	9.93	9.92	9.91
DIST. ACUMULADA	0	5	10	15	20	25	30	35	40	45
DIST.	0	5	10	15	20	25	30	35	40	45
No.	0	1	2	3	4	5	6	7	8	9
CURVA										

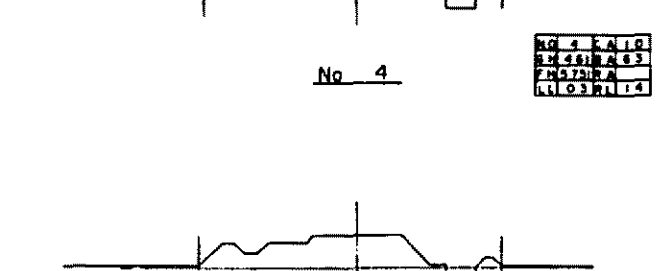
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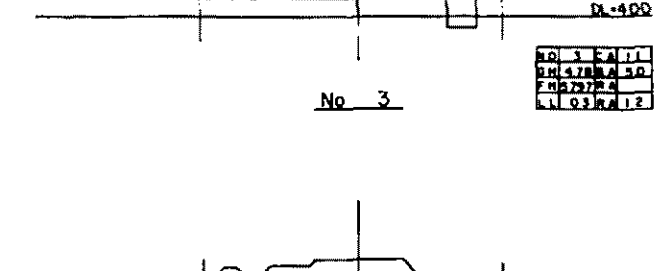
NO 6 EA 12
EM 473 RA 48
FM 570 RA 4
LI 03 RA 13



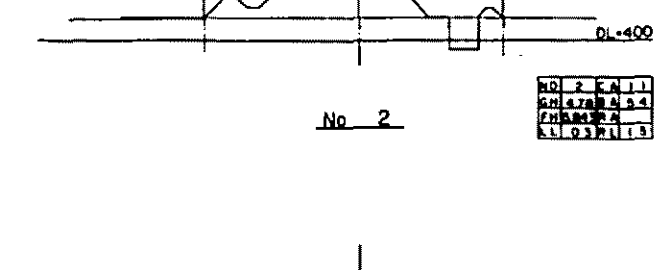
NO 5 EA 12
EM 473 RA 48
FM 570 RA 4
LI 03 RA 13



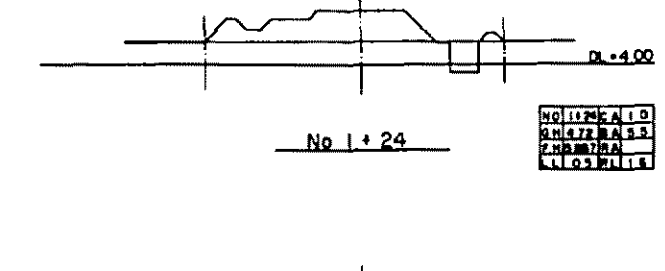
NO 4 EA 10
EM 473 RA 48
FM 570 RA 4
LI 03 RA 14



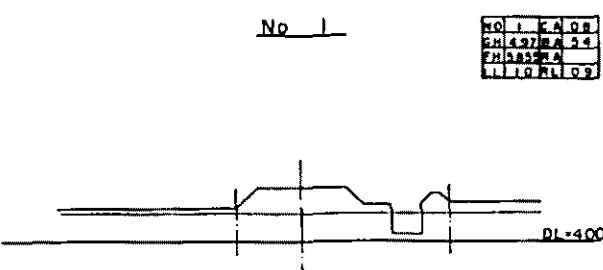
NO 3 EA 11
EM 473 RA 50
FM 570 RA 4
LI 03 RA 12



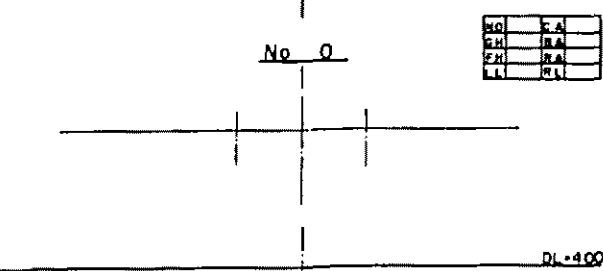
NO 2 EA 11
EM 473 RA 54
FM 570 RA 4
LI 03 RA 13



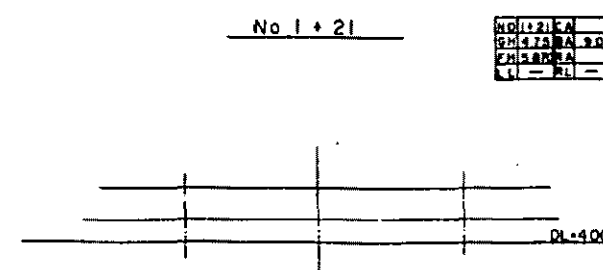
NO 12 EA 10
EM 473 RA 53
FM 570 RA 4
LI 03 RA 13



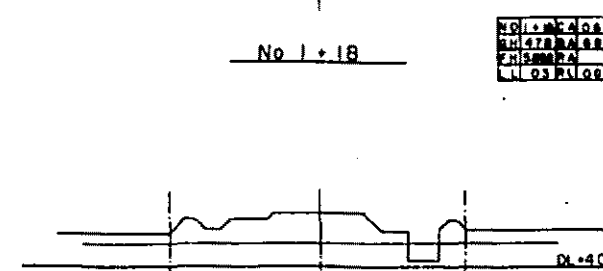
NO 1 EA 08
EM 473 RA 54
FM 570 RA 4
LI 03 RA 09



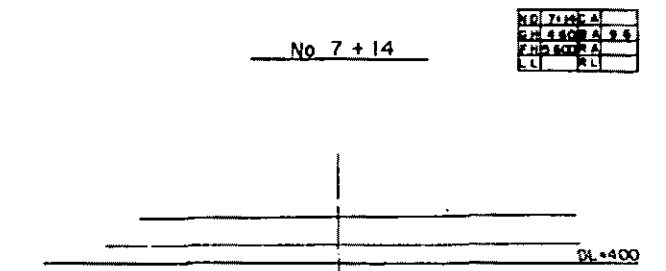
NO EA
EM RA
FM RA
LI RL



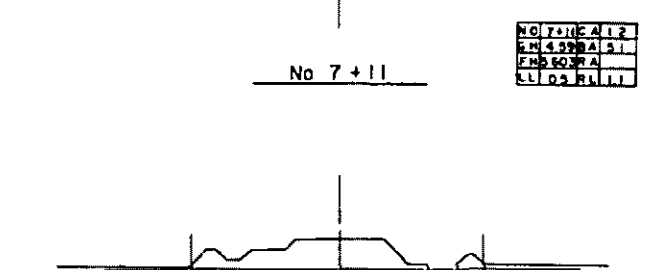
NO 21 EA
EM 473 RA 50
FM 570 RA 4
LI - RL -



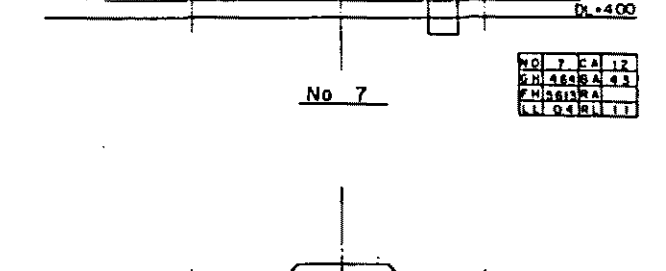
NO 18 EA 08
EM 473 RA 58
FM 570 RA 4
LI 03 RA 08



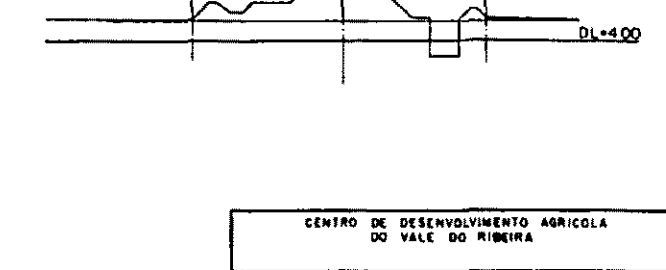
NO 7+14 EA
EM 480 RA 56
FM 60 RA
LI RL



NO 7+11 EA 12
EM 480 RA 51
FM 60 RA
LI 03 RA 11



NO 7 EA 12
EM 480 RA 43
FM 60 RA
LI 03 RA 11



NO 7 EA 12
EM 480 RA 43
FM 60 RA
LI 03 RA 11

NOTA
 GH COTA DA SUPERFÍCIE
 FH COTA DA ESTRADA
 CA ÁREA DE ESCAVAÇÃO
 SA ÁREA DE ALBERTAÇÃO
 RA ÁREA DE ENCHIMENTO
 LI COMPRIMENTO DO VERTENTE ESQUERDA
 RI COMPRIMENTO DO VERTENTE DIREITO

CENTRO DE DESENVOLVIMENTO AGRÍCOLA DO VALE DO RIBEIRA

SEÇÃO LONGITUDINAL E TRANSVERSAL DO TRANSVERSAL No 4 (11)

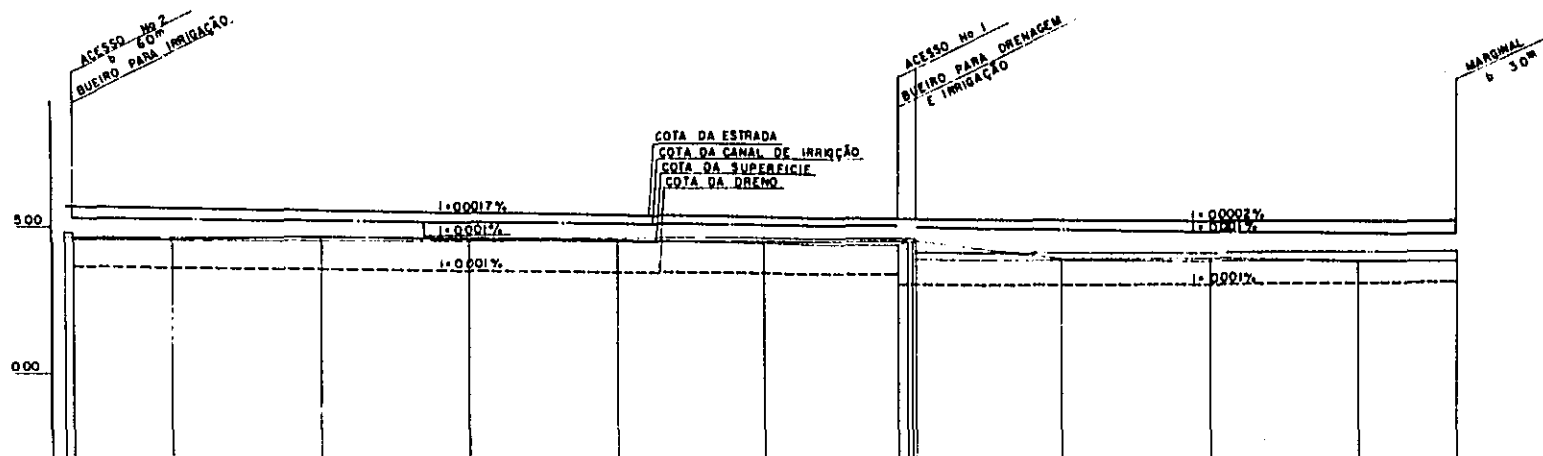
JICA JAPAN INTERNATIONAL COOPERATION AGENCY A - 31

DESENHO DATA 1:100

VERIFICAÇÃO 1:100

APROVAÇÃO 1:1000

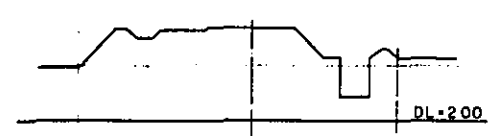
ESCALA



PLANO	COTA DA SUPERFICIE ESQUERDA	COTA DA SUPERFICIE DIREITA	COTA DA LEITO DE DRENO	COTA DALEITO DE CANAL DE IRRIGACAO	COTA DA ESTRADA	COTA DA SUPERFICIE	DIST.	ACUMULADA	GIST.	No.	CURVA
1	97.14	97.14	97.14	97.14	97.14	97.14	0	0	0	1	
2	97.14	97.14	97.14	97.14	97.14	97.14	0	0	0	2	
3	97.14	97.14	97.14	97.14	97.14	97.14	0	0	0	3	
4	97.14	97.14	97.14	97.14	97.14	97.14	0	0	0	4	
5	97.14	97.14	97.14	97.14	97.14	97.14	0	0	0	5	
6	97.14	97.14	97.14	97.14	97.14	97.14	0	0	0	6	
7	97.14	97.14	97.14	97.14	97.14	97.14	0	0	0	7	
8	97.14	97.14	97.14	97.14	97.14	97.14	0	0	0	8	
9	97.14	97.14	97.14	97.14	97.14	97.14	0	0	0	9	
10	97.14	97.14	97.14	97.14	97.14	97.14	0	0	0	10	
11	97.14	97.14	97.14	97.14	97.14	97.14	0	0	0	11	
12	97.14	97.14	97.14	97.14	97.14	97.14	0	0	0	12	
13	97.14	97.14	97.14	97.14	97.14	97.14	0	0	0	13	
14	97.14	97.14	97.14	97.14	97.14	97.14	0	0	0	14	
15	97.14	97.14	97.14	97.14	97.14	97.14	0	0	0	15	
16	97.14	97.14	97.14	97.14	97.14	97.14	0	0	0	16	
17	97.14	97.14	97.14	97.14	97.14	97.14	0	0	0	17	
18	97.14	97.14	97.14	97.14	97.14	97.14	0	0	0	18	
19	97.14	97.14	97.14	97.14	97.14	97.14	0	0	0	19	
20	97.14	97.14	97.14	97.14	97.14	97.14	0	0	0	20	
21	97.14	97.14	97.14	97.14	97.14	97.14	0	0	0	21	
22	97.14	97.14	97.14	97.14	97.14	97.14	0	0	0	22	
23	97.14	97.14	97.14	97.14	97.14	97.14	0	0	0	23	
24	97.14	97.14	97.14	97.14	97.14	97.14	0	0	0	24	
25	97.14	97.14	97.14	97.14	97.14	97.14	0	0	0	25	
26	97.14	97.14	97.14	97.14	97.14	97.14	0	0	0	26	
27	97.14	97.14	97.14	97.14	97.14	97.14	0	0	0	27	
28	97.14	97.14	97.14	97.14	97.14	97.14	0	0	0	28	
29	97.14	97.14	97.14	97.14	97.14	97.14	0	0	0	29	
30	97.14	97.14	97.14	97.14	97.14	97.14	0	0	0	30	

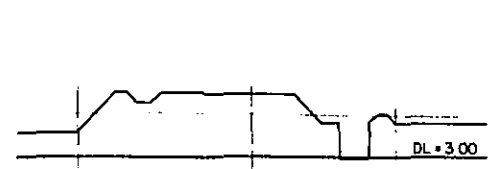
No 14

NO 14 CA 10
GH 431 RA 7.9
FH 313 RA 14
LL - RL 14



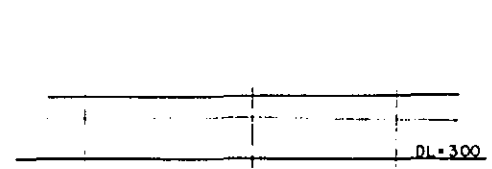
No 13 + 1

NO 13 CA 18
GH 432 RA 3.8
FH 313 RA 14
LL - RL 14



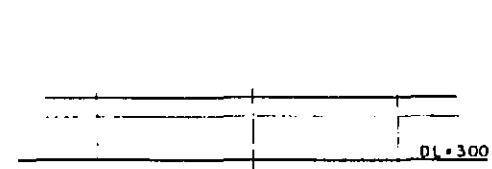
No 13

NO 13 CA
GH 433 RA 6.5
FH 313 RA
LL - RL -



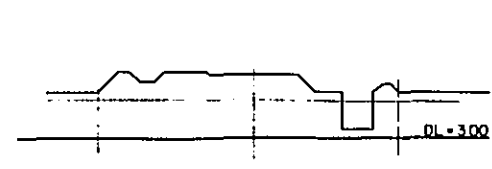
No 12 + 48

NO 12 CA
GH 433 RA 6.3
FH 313 RA
LL - RL -



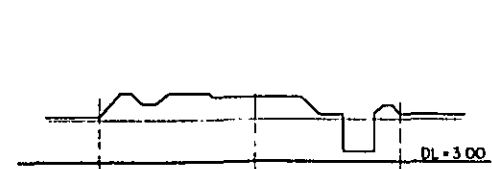
No 12 + 45

NO 12 CA 10
GH 433 RA 5.9
FH 313 RA
LL - RL 0.9



No 12

NO 12 CA 11
GH 433 RA 4.7
FH 313 RA
LL - RL 0.8

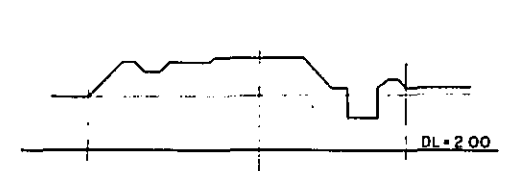


NOTA

GH COTA DA SUPERFICIE
 FH COTA DA ESTRADA
 CA AREA DE ESCAVACAO
 RA AREA DE AMONTO
 LL COMPRIMENTO DO VERTEANTE ESQUERDA
 RL COMPRIMENTO DO VERTEANTE DIREITO

EP (No 16+33)

NO 16 CA 08
GH 387 RA 7.6
FH 313 RA
LL 0.3 RL 14



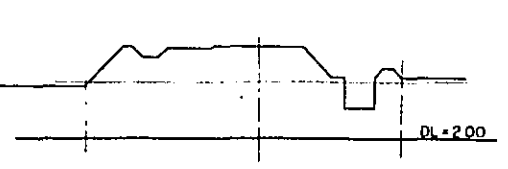
No 16

NO 16 CA 08
GH 384 RA 7.5
FH 313 RA
LL 0.1 RL 15



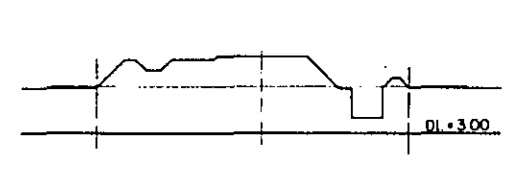
No 15

NO 15 CA 08
GH 384 RA 7.4
FH 313 RA
LL 0.2 RL 14



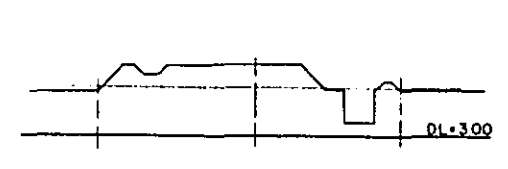
No 7 + 17

NO 7 CA 10
GH 430 RA 6.6
FH 313 RA
LL 0.2 RL 15



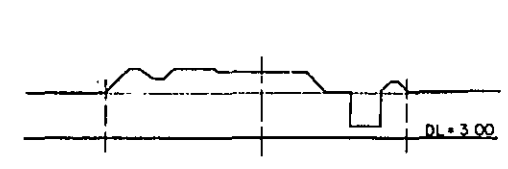
No 9

NO 9 CA 10
GH 437 RA 5.4
FH 313 RA
LL 0.1 RL 12



No 11

NO 11 CA 10
GH 434 RA 4.9
FH 313 RA
LL - RL 10



No 7 + 14

NO 7 CA
GH 430 RA 9.6
FH 313 RA
LL - RL -



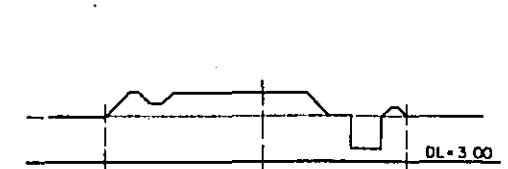
No 8

NO 8 CA 10
GH 436 RA 6.2
FH 313 RA
LL 0.2 RL 14



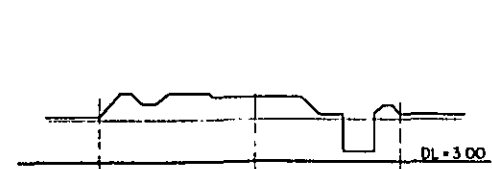
No 10

NO 10 CA 10
GH 437 RA 5.2
FH 313 RA
LL - RL 11



No 12

NO 12 CA 11
GH 433 RA 4.7
FH 313 RA
LL - RL 0.8



CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA

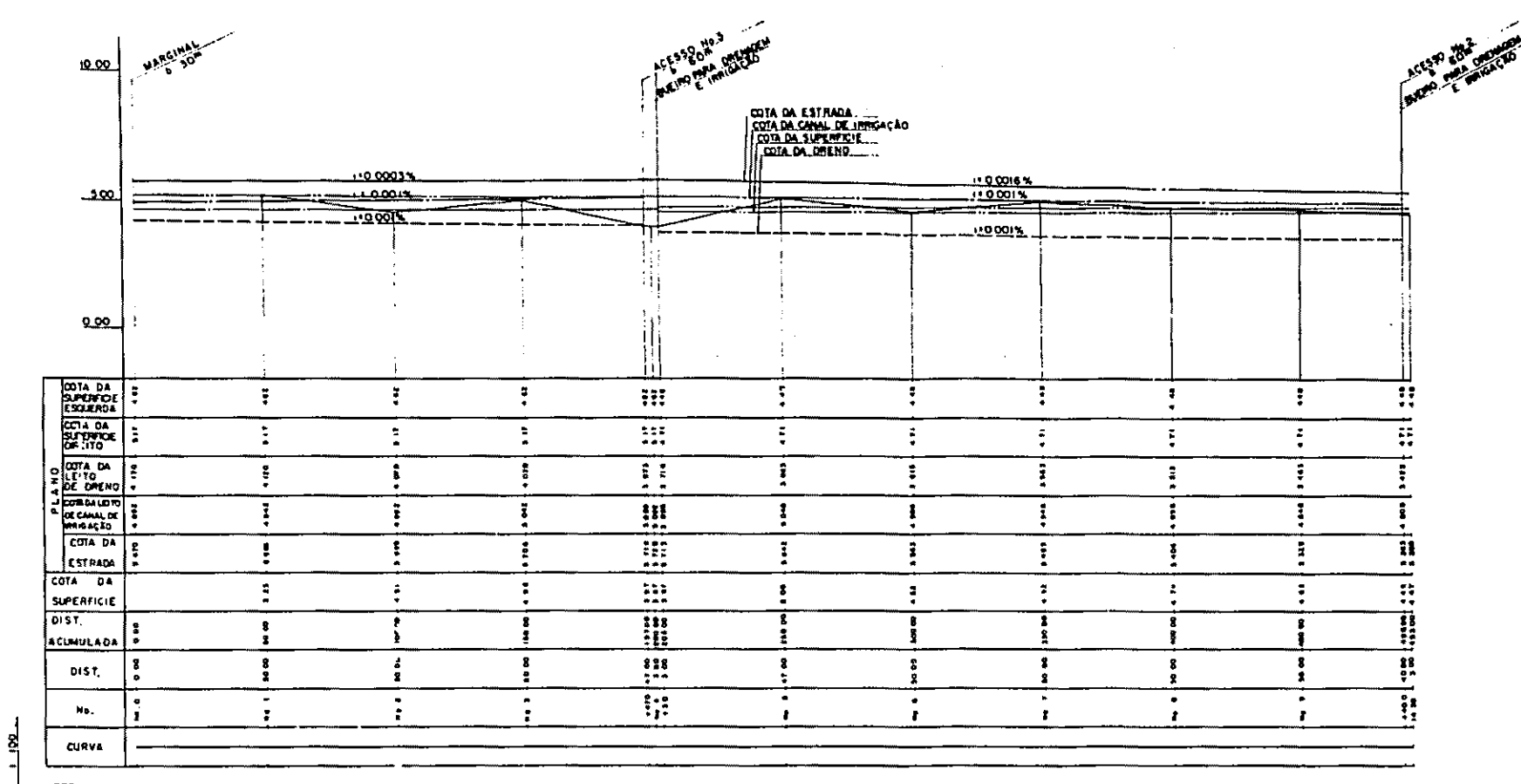
SECCAO LONGITUDINAL E TRANSVERSAL DO TRANSVERSAL No 4 (2)

JICA JAPAN INTERNATIONAL COOPERATION AGENCY A - 32

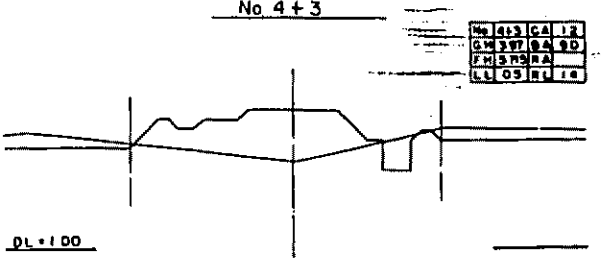
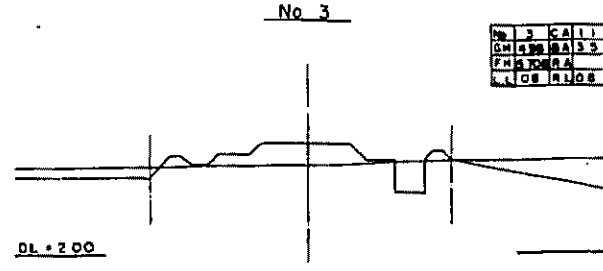
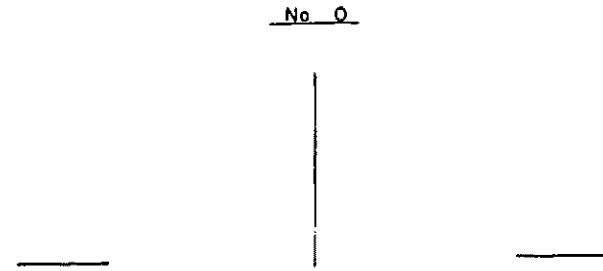
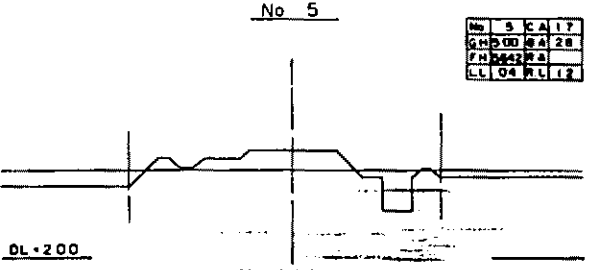
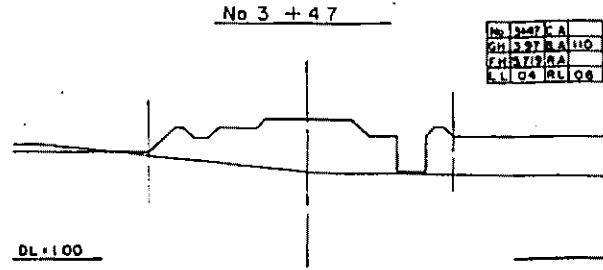
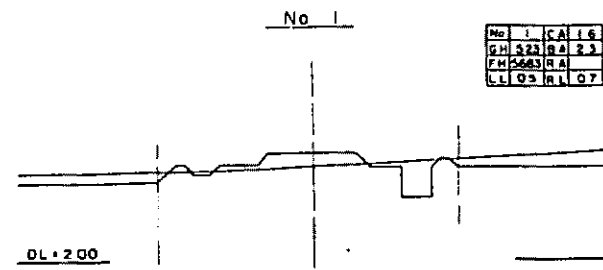
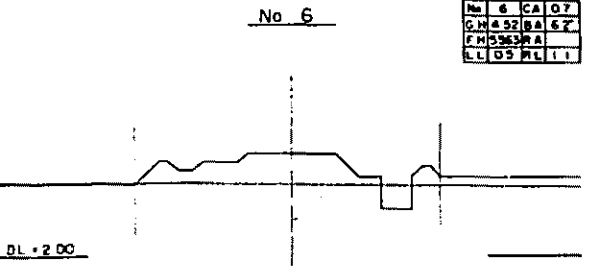
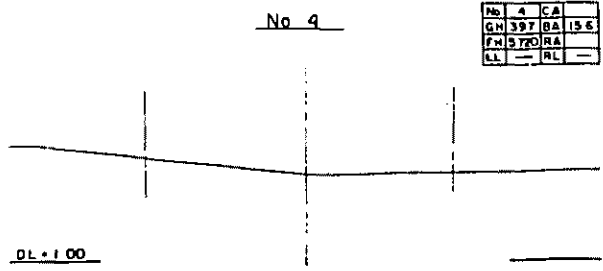
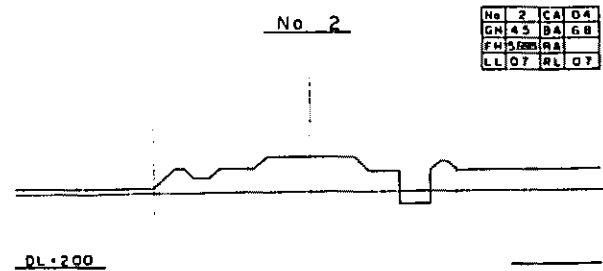
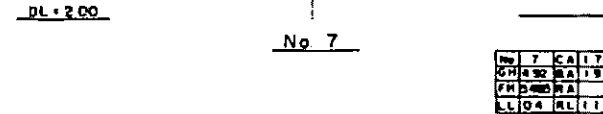
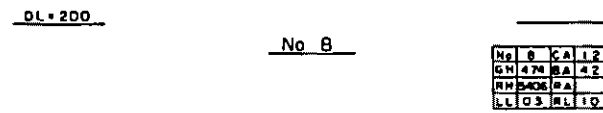
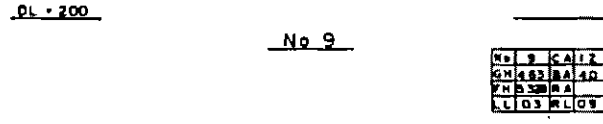
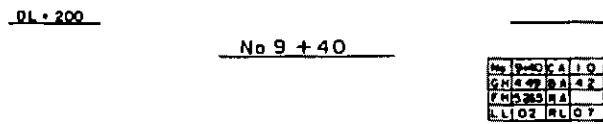
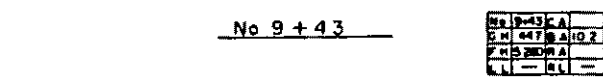
DESENHO DATA NO. DESENHO

VERIFICACAO 1:100

APROVACAO 1:1000 ESCALA



	0	1	2	3	4	5	6	7	8	9	10
COTA DA SUPERFICIE ESQUERDA	10.00	9.99	9.98	9.97	9.96	9.95	9.94	9.93	9.92	9.91	9.90
COTA DA SUPERFICIE DIREITA	9.90	9.91	9.92	9.93	9.94	9.95	9.96	9.97	9.98	9.99	10.00
COTA DA LEITO DE DRENO	9.80	9.80	9.80	9.80	9.80	9.80	9.80	9.80	9.80	9.80	9.80
COTA DA LEITO DE CANAL DE IRRIGAÇÃO	9.80	9.80	9.80	9.80	9.80	9.80	9.80	9.80	9.80	9.80	9.80
COTA DA ESTRADA	9.80	9.80	9.80	9.80	9.80	9.80	9.80	9.80	9.80	9.80	9.80
COTA DA SUPERFICIE	9.80	9.80	9.80	9.80	9.80	9.80	9.80	9.80	9.80	9.80	9.80
DIST. ACUMULADA	0	10	20	30	40	50	60	70	80	90	100
DIST.	0	10	20	30	40	50	60	70	80	90	100
No.	0	1	2	3	4	5	6	7	8	9	10
CURVA											



NOTA
 DM COTA DA SUPERFICIE
 F.M COTA DA ESTRADA
 C.B AREA DE ESCANÇO
 B.A AREA DE ABONTO
 R.A AREA DE ENCHIMENTO
 L.L COMPRIMENTO DO VERTEENTE ESQUERDA
 R.L COMPRIMENTO DO VERTEENTE DIREITO

CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA

SEÇÃO LONGITUDINAL E TRANSVERSAL DO TRANSVERSAL NO 5 (1)

JICA JAPAN INTERNATIONAL COOPERATION AGENCY A - 33
 Nº DO DESENHO 1.100
 ESCALA 1:1000

DESENHO DATA
 VERIFICAÇÃO
 APROVAÇÃO

10.00

3.00

0.00

ACESSO NO 2
A 60M
BUEIRO PARA DRENAGEM
E IRRIGAÇÃO

ACESSO NO 1
A 60M
BUEIRO PARA DRENAGEM
E IRRIGAÇÃO

MARGINAL
A 30M

COTA DA ESTRADA
COTA DA CANAL DE IRRIGAÇÃO
COTA DA SUPERFICIE
COTA DA DRENAR

1:0.000%

1:0.000%

1:0.001%

1:0.001%

NOTA
GH : COTA DA SUPERFICIE
FH : COTA DA ESTRADA
CA : AREA DE ESCAVACAO
BA : AREA DE AMONTO
RA : AREA DE ENCHIMENTO
LL : COMPRIMENTO DO
VERTEENTE ESQUERDA
RL : COMPRIMENTO DO
VERTEENTE DIREITO

COTA DA SUPERFICIE ESQUERDA	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	24.0
COTA DA SUPERFICIE DIREITA	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	24.0
COTA DA LEITO DE DRENHO	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	24.0
COTA BALDE DE CANAL DE IRRIGAÇÃO	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	24.0
COTA DA ESTRADA	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	24.0
COTA DA SUPERFICIE	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	24.0
DIST.	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
ACUMULADA	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
DIST.	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CURVA																				

EP
No 19+12

NO 19+12 CA 09
GH 380 BA 78
FH 5000 RA
LL 03 RL 16



No 11

NO 11 CA 11
GH 436 BA 66
FH 5230 RA
LL 03 RL 10

No 15

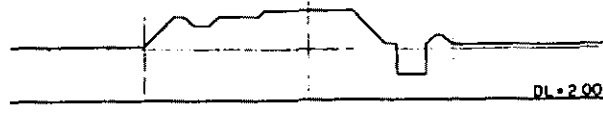
NO 15 CA 10
GH 427 BA 49
FH 5109 RA
LL 03 RL 08

No 16

NO 16 CA 13
GH 391 BA 74
FH 5090 RA
LL 03 RL 17

No 19

NO 19 CA 08
GH 376 BA 64
FH 5000 RA
LL 03 RL 16



No 10

NO 10 CA 10
GH 446 BA 57
FH 5230 RA
LL 03 RL 09

No 14

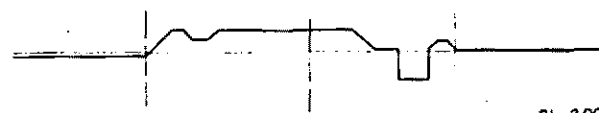
NO 14 CA 11
GH 448 BA 57
FH 5130 RA
LL 02 RL 07

No 15+35

NO 15+35 CA 15
GH 404 BA 66
FH 5000 RA
LL 03 RL 17

No 18

NO 18 CA 07
GH 371 BA 69
FH 5000 RA
LL 02 RL 17



No 9+46

NO 9+46 CA 10
GH 447 BA 55
FH 5230 RA
LL 01 RL 10

No 13

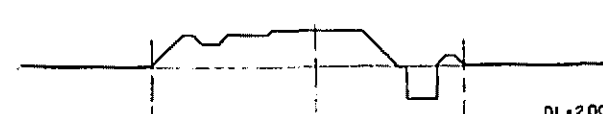
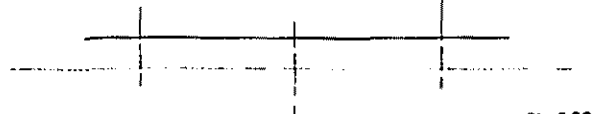
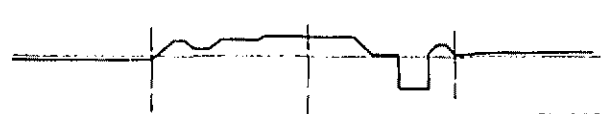
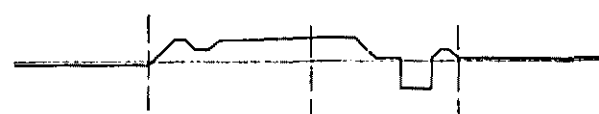
NO 13 CA 11
GH 449 BA 37
FH 5189 RA
LL 02 RL 08

No 15+32

NO 15+32 CA
GH 406 BA 104
FH 5000 RA
LL - RL -

No 17

NO 17 CA 10
GH 388 BA 84
FH 5000 RA
LL 02 RL 17



No 9+43

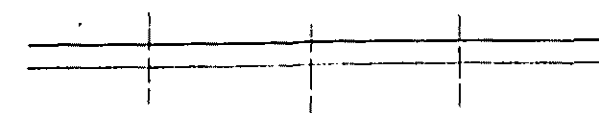
NO 9+43 CA
GH 447 BA 102
FH 5230 RA
LL - RL -

No 12

NO 12 CA 11
GH 436 BA 47
FH 5197 RA
LL 05 RL 09

No 15+29

NO 15+29 CA 08
GH 400 BA 62
FH 5000 RA
LL 02 RL 08



CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA

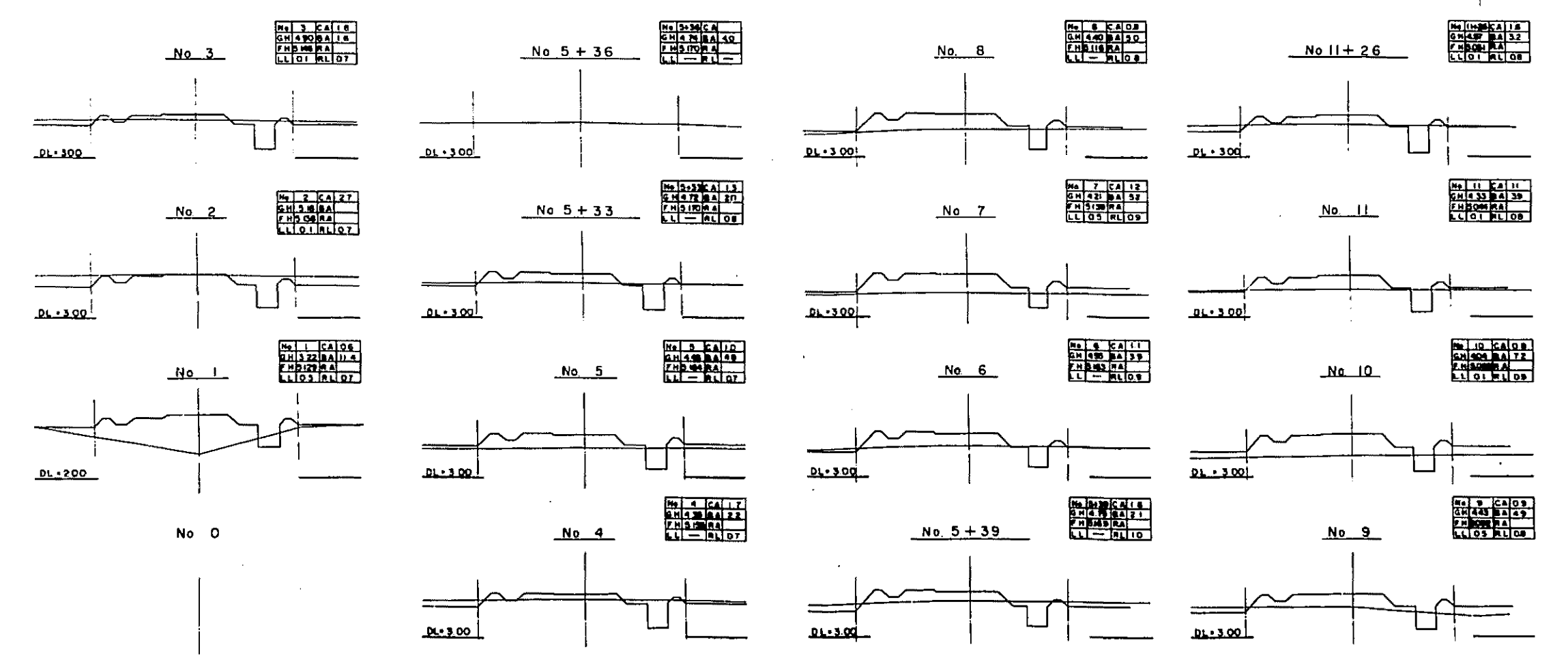
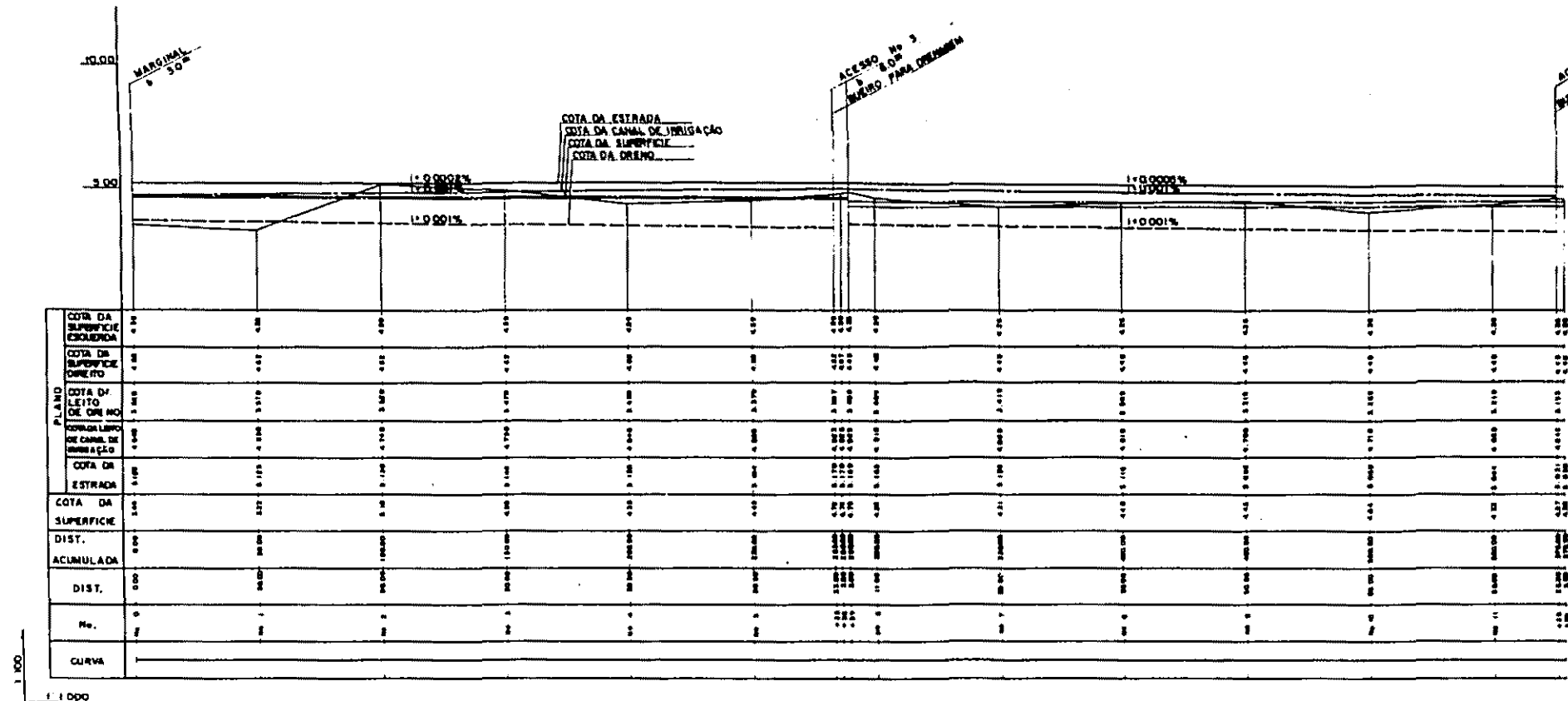
SEÇÃO LONGITUDINAL E TRANSVERSAL DO TRANSVERSAL NO 5 (2)

JICA JAPAN INTERNATIONAL COOPERATION AGENCY

DESIGNO _____ DATA _____ A - 34

VERIFICACAO _____ ESCALA 1:100

APROVACAO _____ ESCALA 1:1000



No 10 CA 18
GH 490 BA 17
FH 500 RA
LL 01 RL 01

No. 11+29

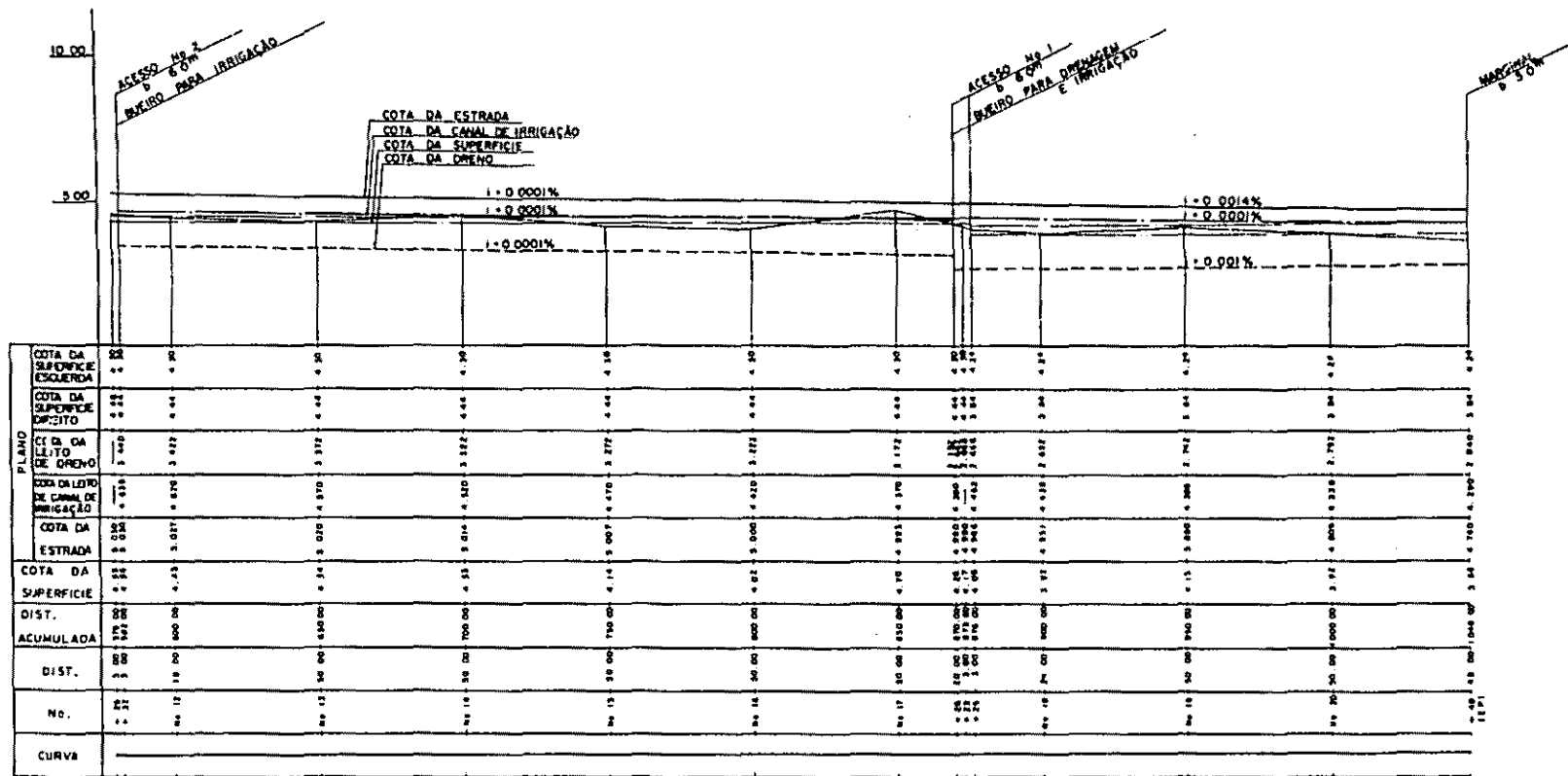
NOTA
 GN : COTA DA SUPERFÍCIE
 FN : COTA DA ESTRADA
 CA : ÁREA DE ESCAVACÃO
 BA : ÁREA DE ABORTO
 RA : ÁREA DE ENCHIMENTO
 LL : COMPRIMENTO DO VERTENTE ESQUERDA
 RL : COMPRIMENTO DO VERTENTE DIREITO

CENTRO DE DESENVOLVIMENTO AGRÍCOLA DO VALE DO RIBEIRA

SEÇÃO LONGITUDINAL E TRANSVERSAL DO TRANSVERSAL No 6 (11)

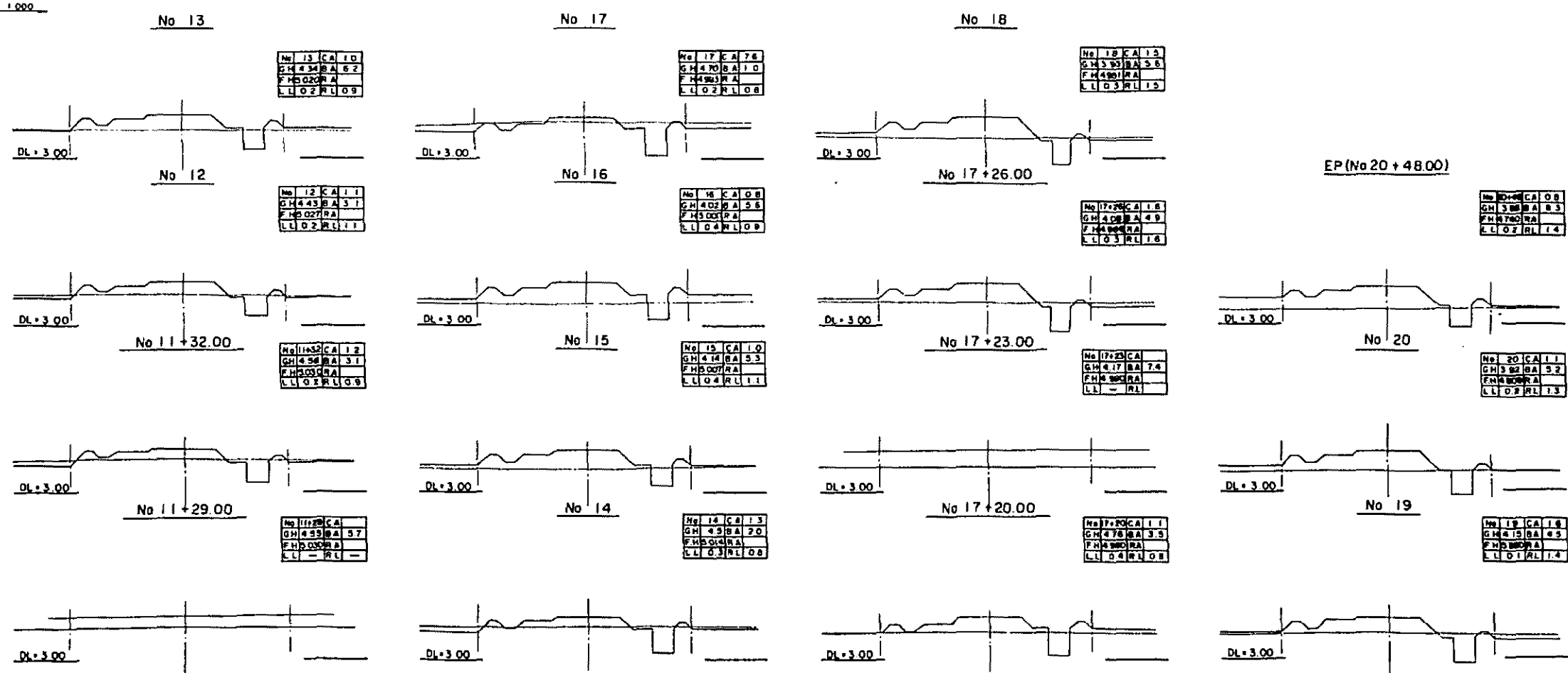
JICA JAPAN INTERNATIONAL COOPERATION AGENCY A-39
 Nº DO DESENHO

DESENHO DATA 1:1000
 VERIFICAÇÃO
 APROVAÇÃO



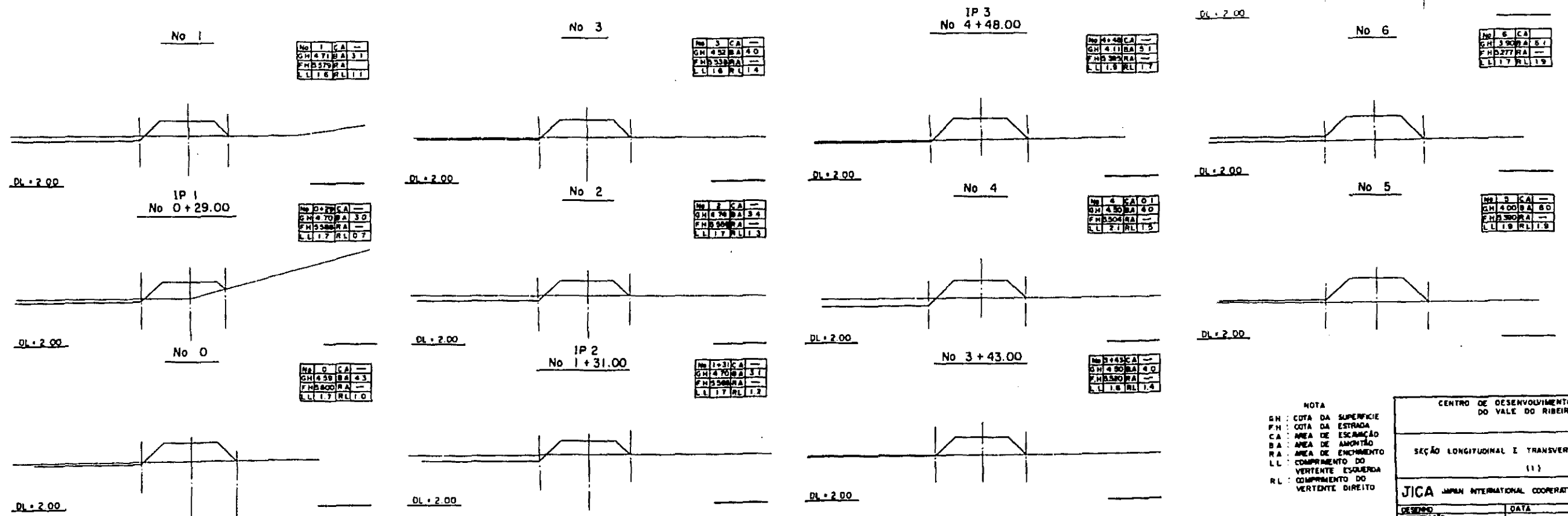
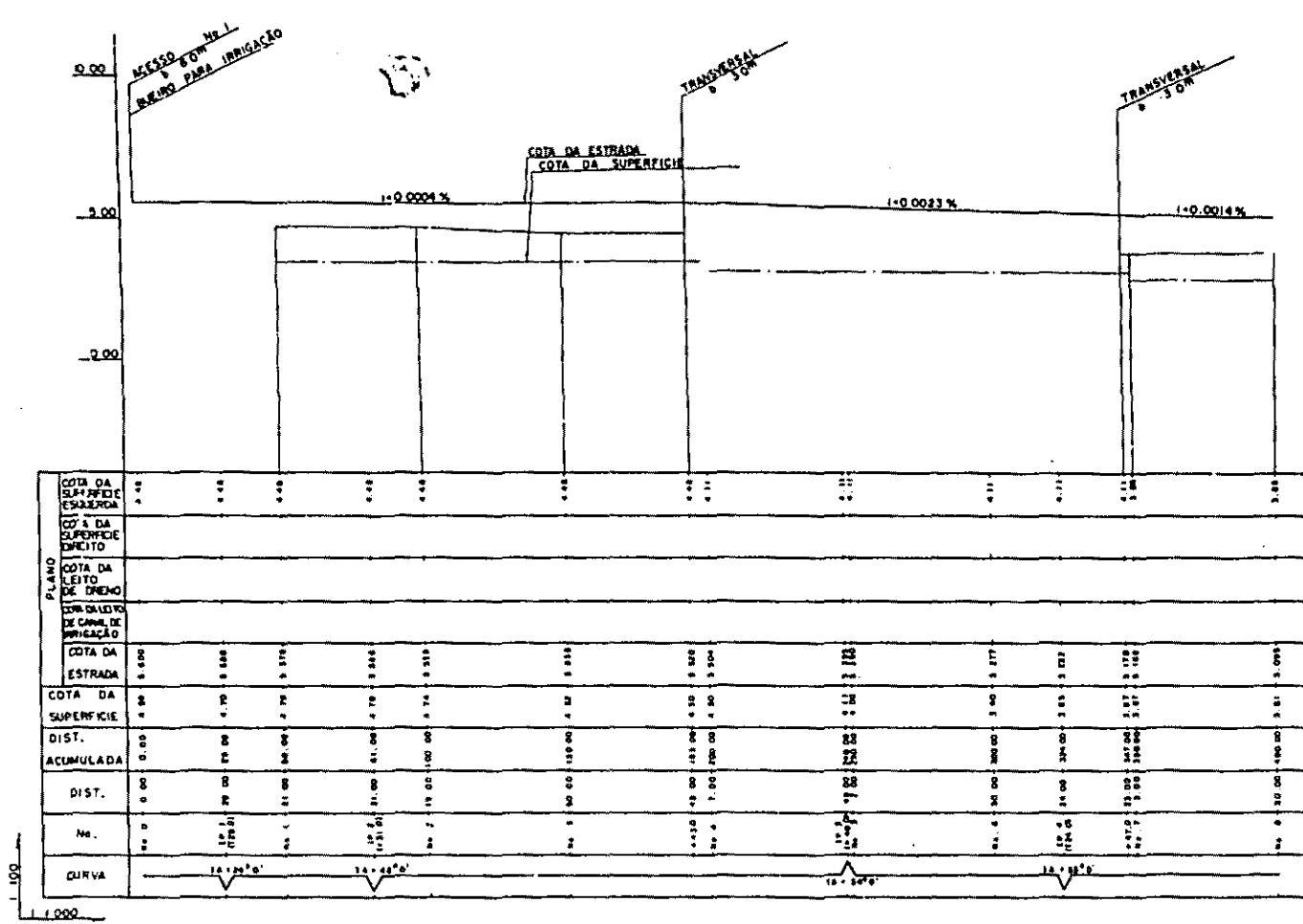
PLANO	No.	Dist.	COTA DA SUPERFICIE		COTA DA CANAL DE IRRIGACAO		COTA DO DRENO	
			ESQUERDA	DESK.	ESQUERDA	DESK.	ESQUERDA	DESK.
1	12	0	100.00	100.00	100.00	100.00	100.00	100.00
2	13	10	100.00	100.00	100.00	100.00	100.00	100.00
3	14	20	100.00	100.00	100.00	100.00	100.00	100.00
4	15	30	100.00	100.00	100.00	100.00	100.00	100.00
5	16	40	100.00	100.00	100.00	100.00	100.00	100.00
6	17	50	100.00	100.00	100.00	100.00	100.00	100.00
7	18	60	100.00	100.00	100.00	100.00	100.00	100.00
8	19	70	100.00	100.00	100.00	100.00	100.00	100.00
9	20	80	100.00	100.00	100.00	100.00	100.00	100.00

1:100



NOTA
 GH : COTA DA SUPERFICIE
 FH : COTA DA ESTRADA
 CA : AREA DE ESCANCAO
 BA : AREA DE ANCHORO
 RA : AREA DE ENCHIMENTO
 LI : COMPRIMENTO DO VERTENTE ESQUERDA
 RL : COMPRIMENTO DO VERTENTE DIREITO

CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA		
SEÇÃO LONGITUDINAL E TRANSVERSAL DO TRANSVERSAL		
No 2 (2)		
JICA	JAPAN INTERNATIONAL COOPERATION AGENCY	A - 56
DESENHO	DATA	Nº DO DESENHO
VERIFICACAO		1 100
APROVACAO		ESCALA



NOTA
 GH : COTA DA SUPERFÍCIE
 FH : COTA DA ESTRADA
 CA : ÁREA DE ESCAVAÇÃO
 BA : ÁREA DE AMPLIÇÃO
 RA : ÁREA DE ENCHIMENTO
 LL : COMPRIMENTO DO VERTENTE ESQUERDA
 RL : COMPRIMENTO DO VERTENTE DIREITO

CENTRO DE DESENVOLVIMENTO AGRÍCOLA DO VALE DO RIBEIRA

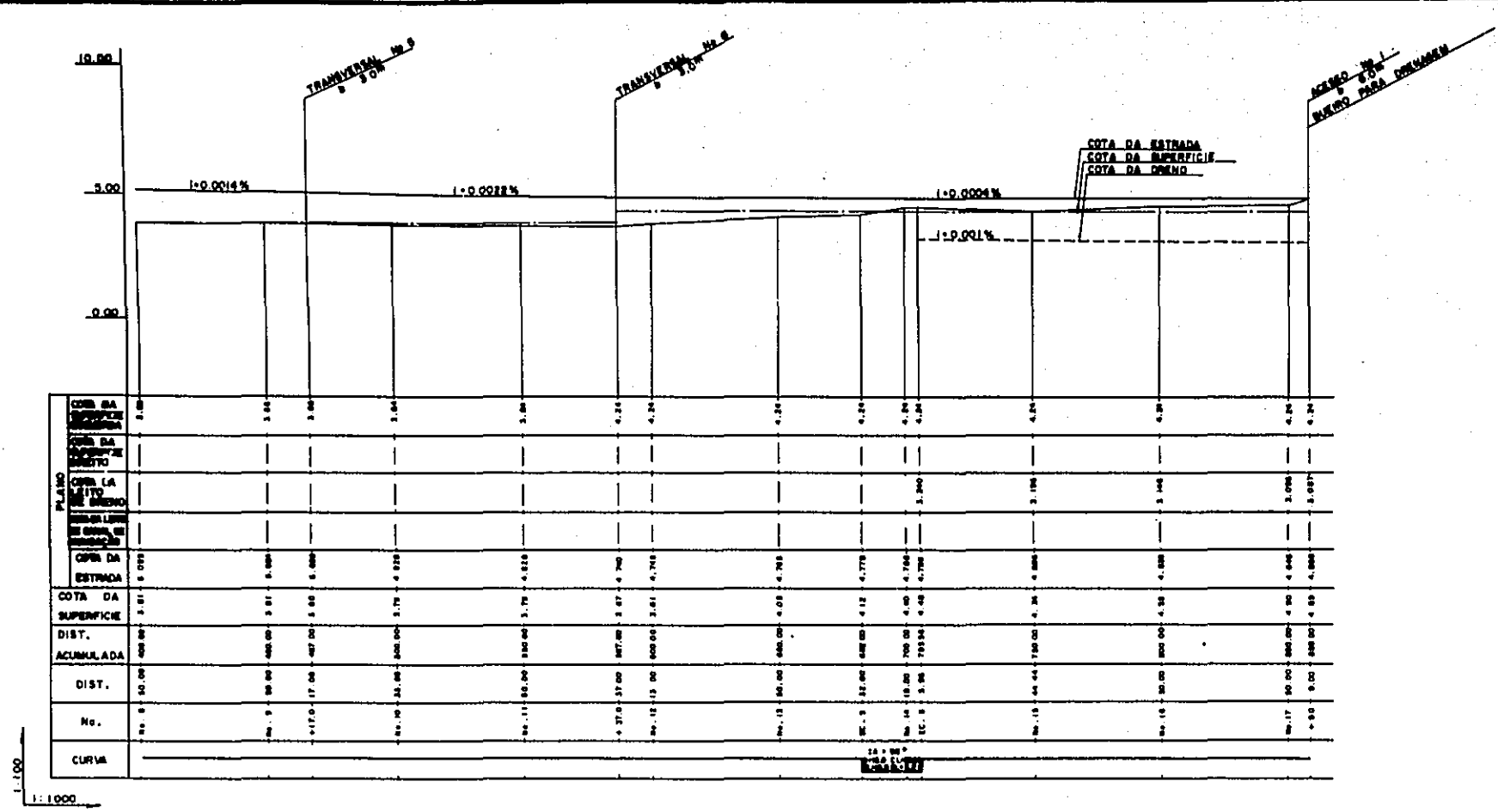
SEÇÃO LONGITUDINAL E TRANSVERSAL DO MARGINAL

(1)

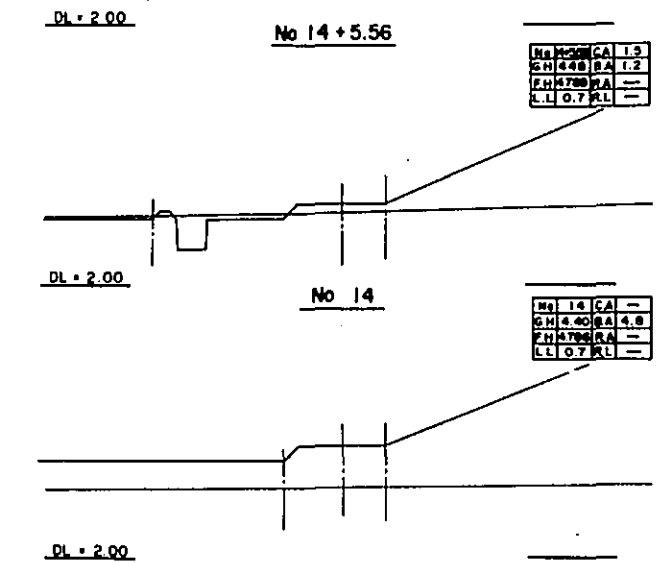
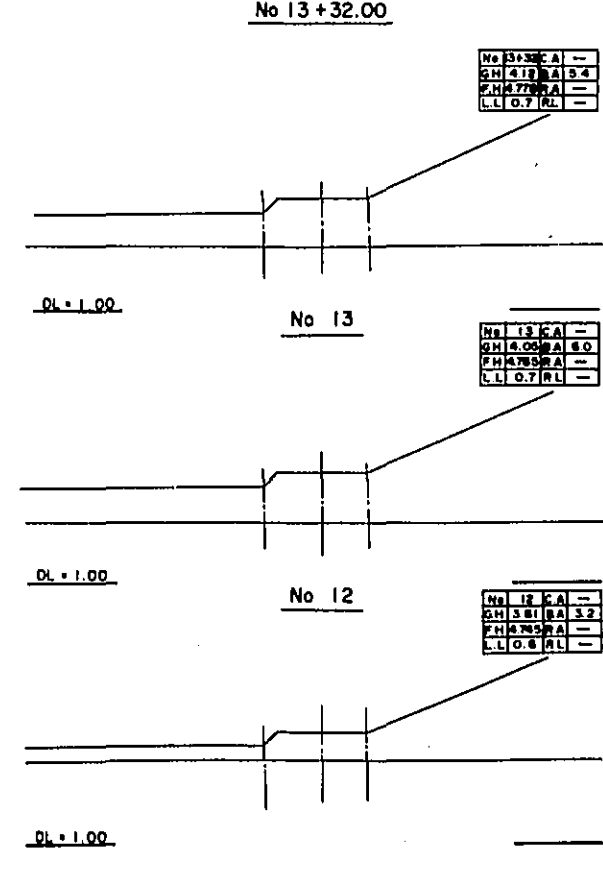
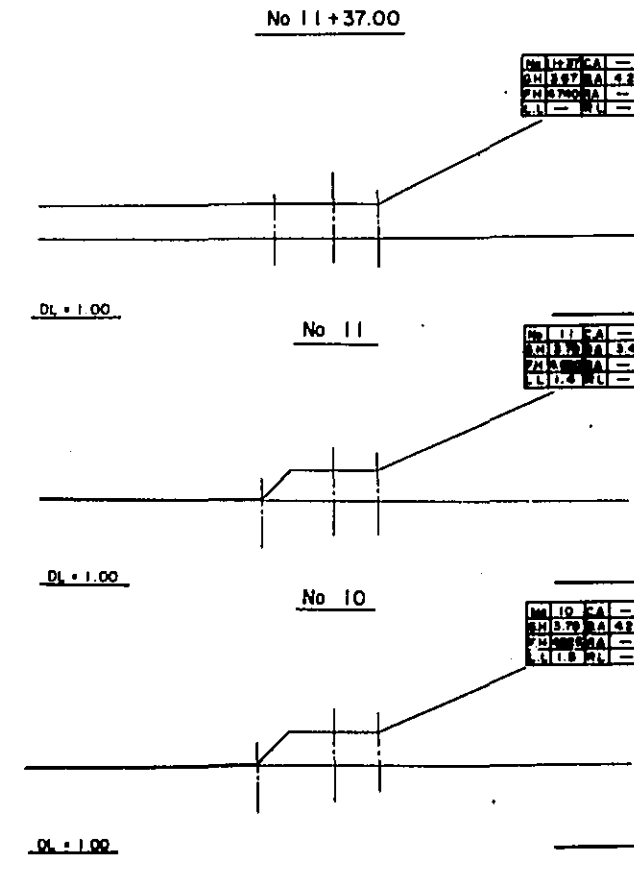
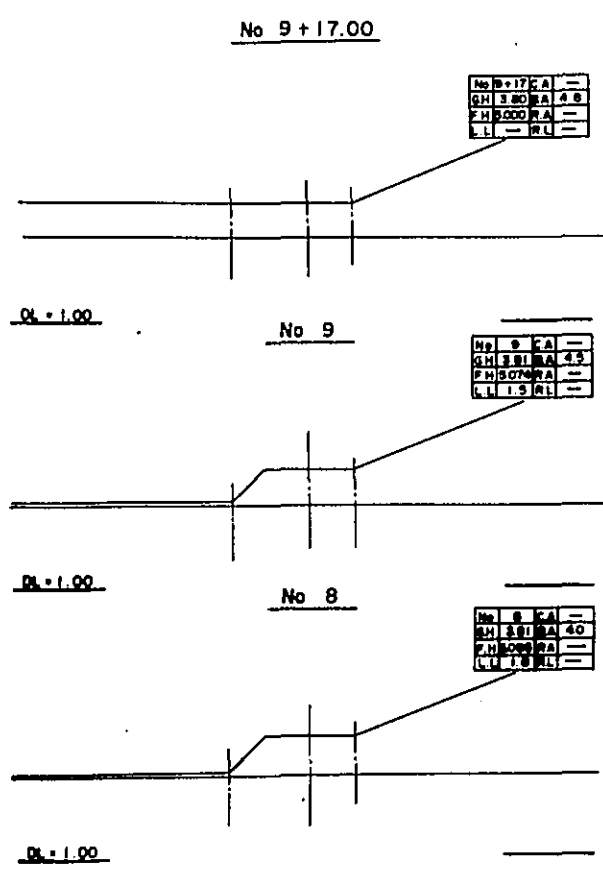
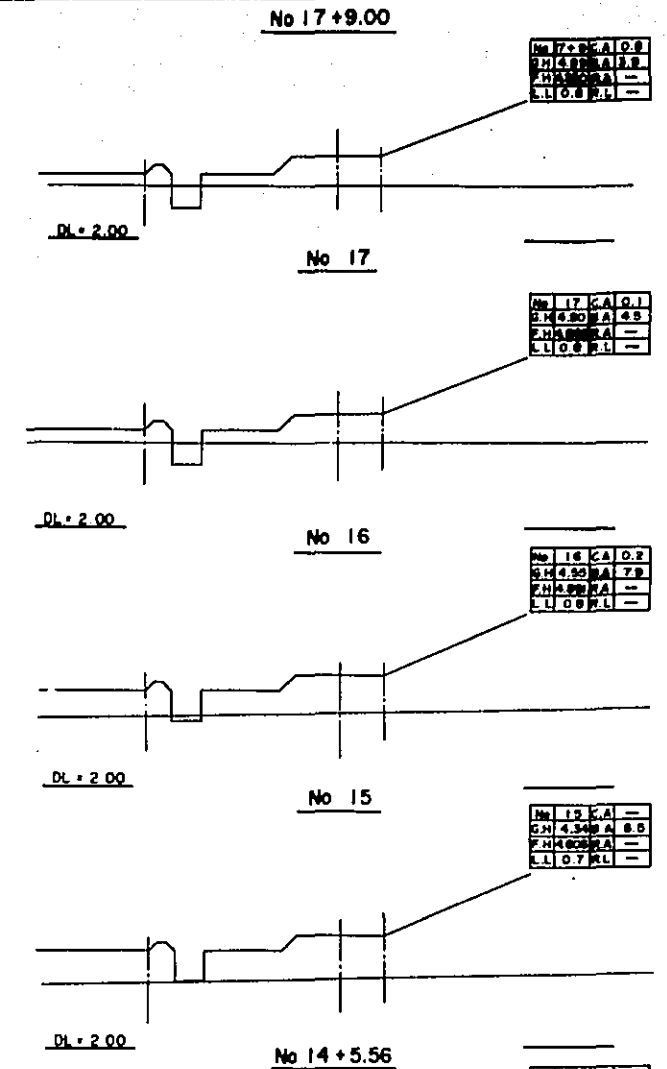
JICA JAPAN INTERNATIONAL COOPERATION AGENCY A - 37

DESIGNO: _____ DATA: _____ N.º DO DESENHO: _____

VERIFICAÇÃO: _____ APROVAÇÃO: _____ ESCALA: 1:100



EST.	0+00	0+20	0+40	0+60	0+80	1+00	1+20	1+40	1+60	1+80	2+00	2+20	2+40	2+60	2+80	3+00
COTA DA SUPERFICIE	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
COTA DA ESTRADA	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
COTA DA SUPERFICIE	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
DIST. ACUMULADA	0	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300
DIST.	0	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300
No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
CURVA	100 M															



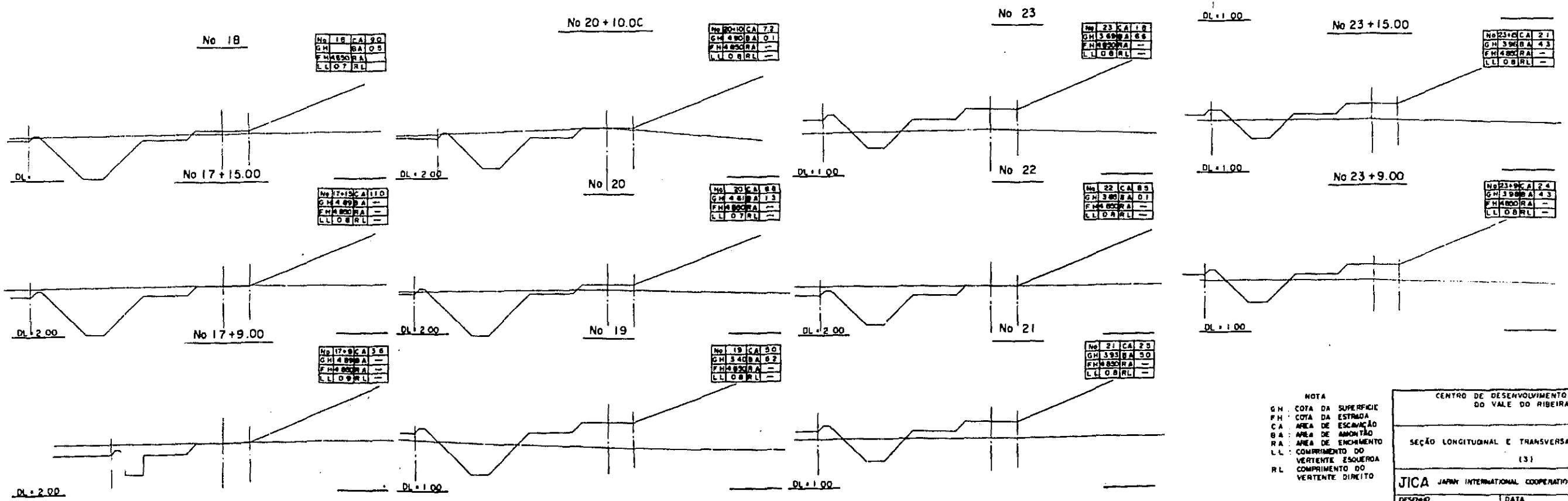
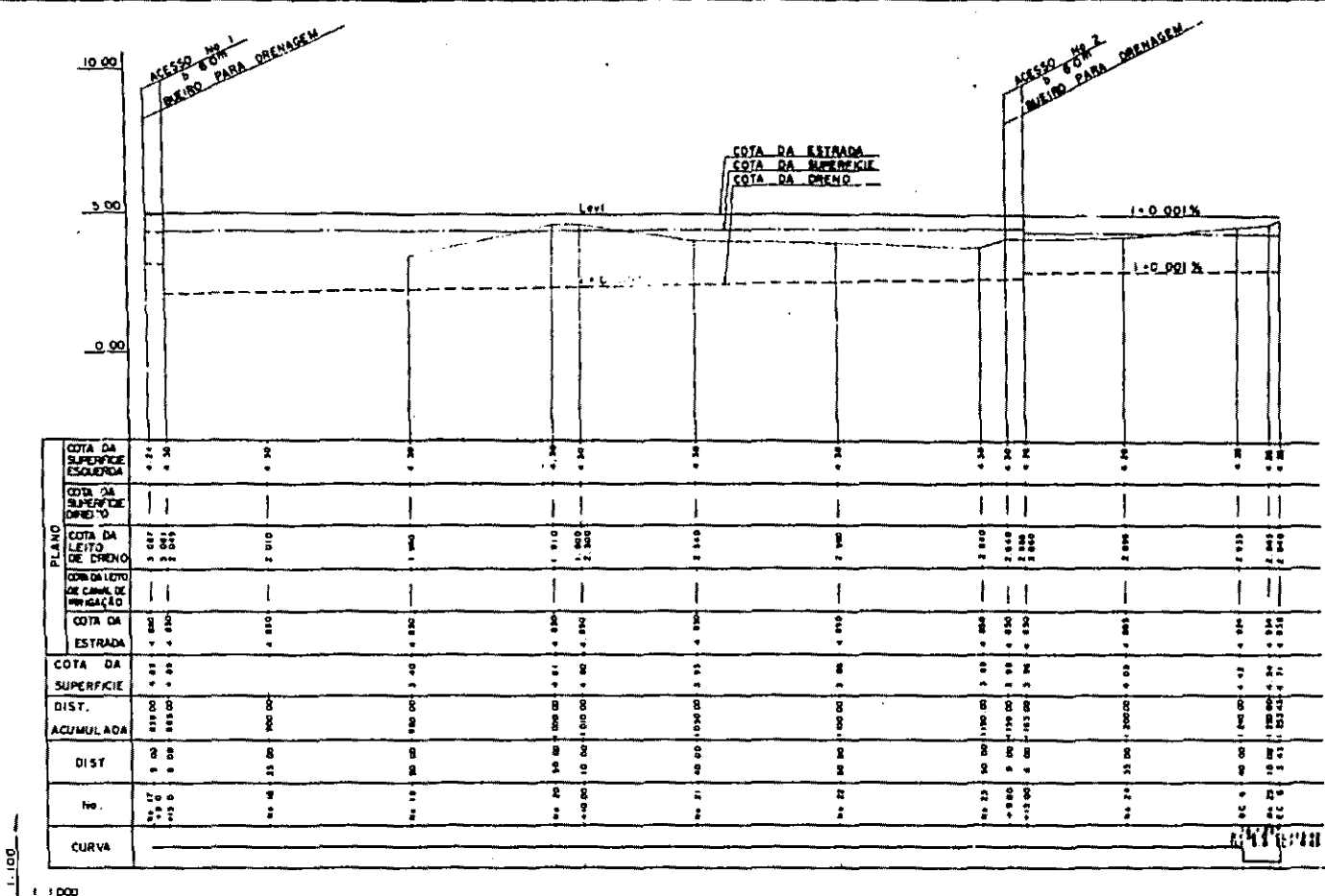
NOTA
 GH : COTA DA SUPERFICIE
 FH : COTA DA ESTRADA
 CA : AREA DE ESCARPAMENTO
 SA : AREA DE ANCHAMENTO
 RA : AREA DE ENCHIMENTO
 LL : COMPRIMENTO DO VERTENTE ESQUERDA
 RL : COMPRIMENTO DO VERTENTE DIREITO

CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA

SEÇÃO LONGITUDINAL E TRANSVERSAL DO MARGINAL

(2)

JICA JAPAN INTERNATIONAL COOPERATION AGENCY		A - 38
DESENHO	DATA	Nº DO DESENHO
VERIFICAÇÃO		1 : 100
APROVAÇÃO		1 : 1000
		ESCALA



EC 6 (No 25+3.43)

No 25 CA 4.0
GH 4.71 BA 1.0
FH 4.30 RA -
LL 0.0 RL -

No 24 CA 4.0
GH 4.24 BA 1.6
FH 4.04 RA -
LL 0.0 RL -

EC 6 (No 24+40.00)

No 24 CA 3.8
GH 4.42 BA 1.6
FH 4.24 RA -
LL 0.0 RL -

No 24 CA 2.1
GH 4.05 BA 3.5
FH 4.05 RA -
LL 0.0 RL -

No 23 CA 1.8
GH 3.69 BA 4.8
FH 4.05 RA -
LL 0.0 RL -

No 23 CA 2.1
GH 3.98 BA 4.3
FH 4.05 RA -
LL 0.0 RL -

No 23 CA 2.4
GH 3.98 BA 4.3
FH 4.05 RA -
LL 0.0 RL -

NOTA
GH: COTA DA SUPERFICIE
FH: COTA DA ESTRADA
CA: AREA DE ESCAVACAO
BA: AREA DE AMONTAO
RA: AREA DE ENCHIMENTO
LL: COMPRIMENTO DO VERTENTE ESQUERDA
RL: COMPRIMENTO DO VERTENTE DIREITO

CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA

SEÇÃO LONGITUDINAL E TRANSVERSAL DO MARGINAL

(13)

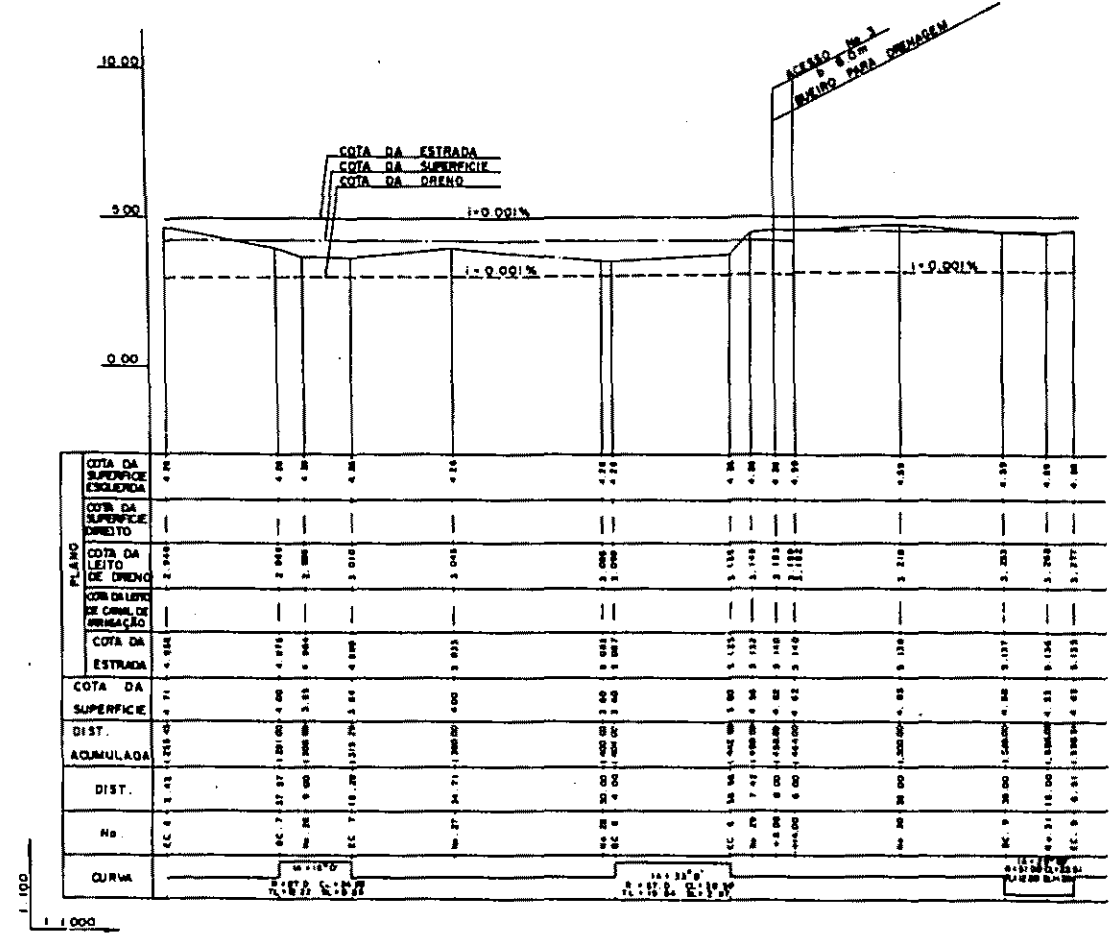
JICA JAPAN INTERNATIONAL COOPERATION AGENCY

DESIGNO: DATA: A - 39

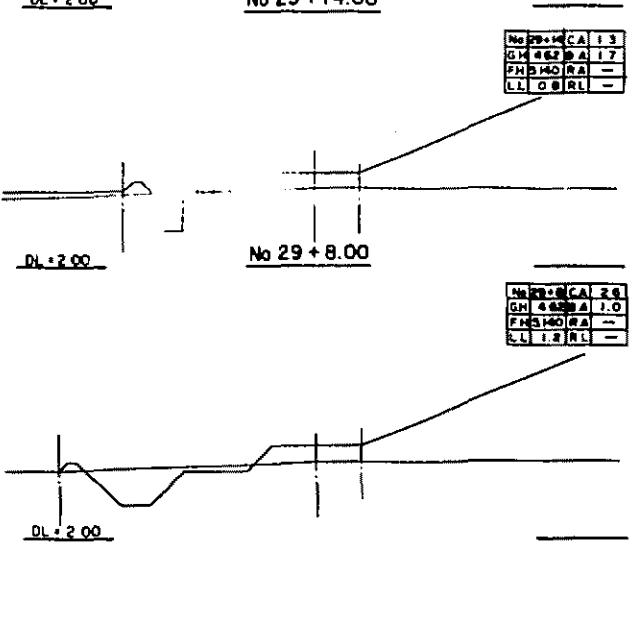
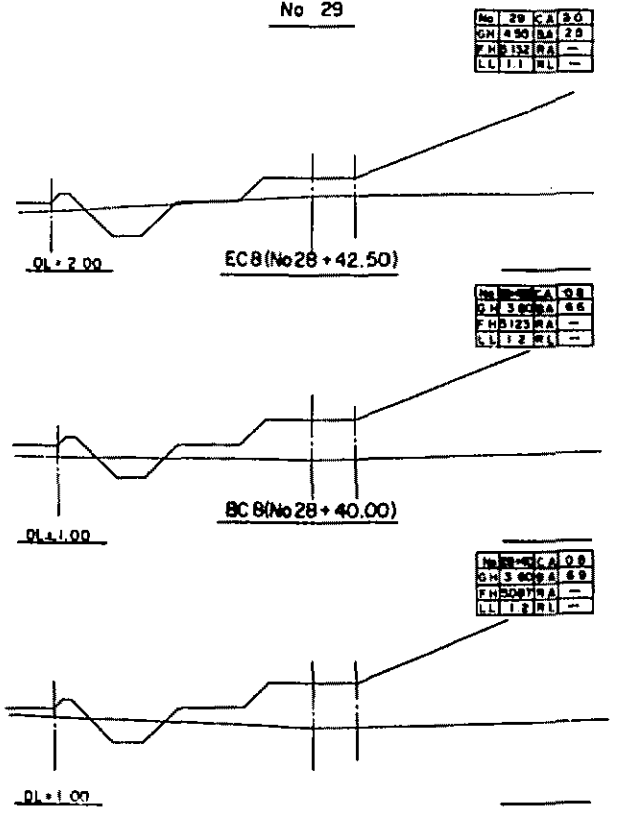
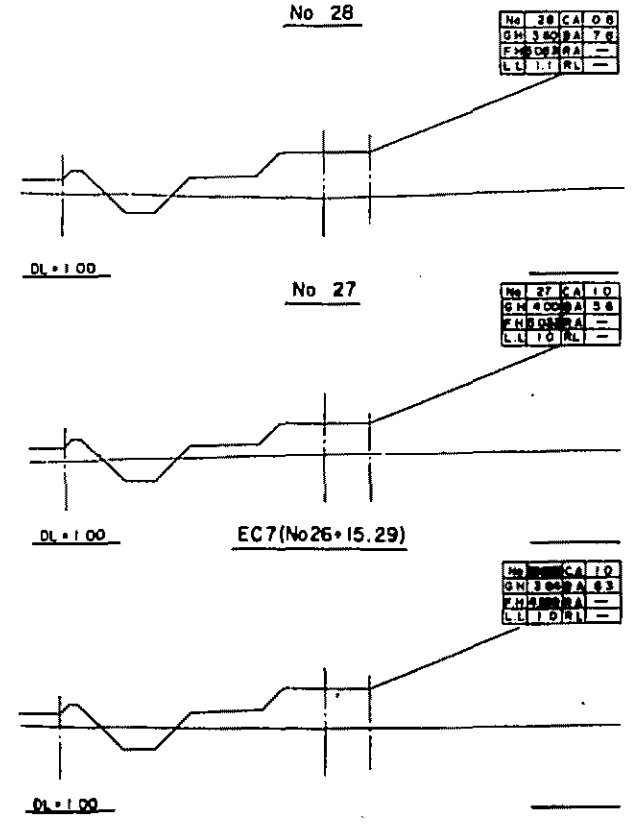
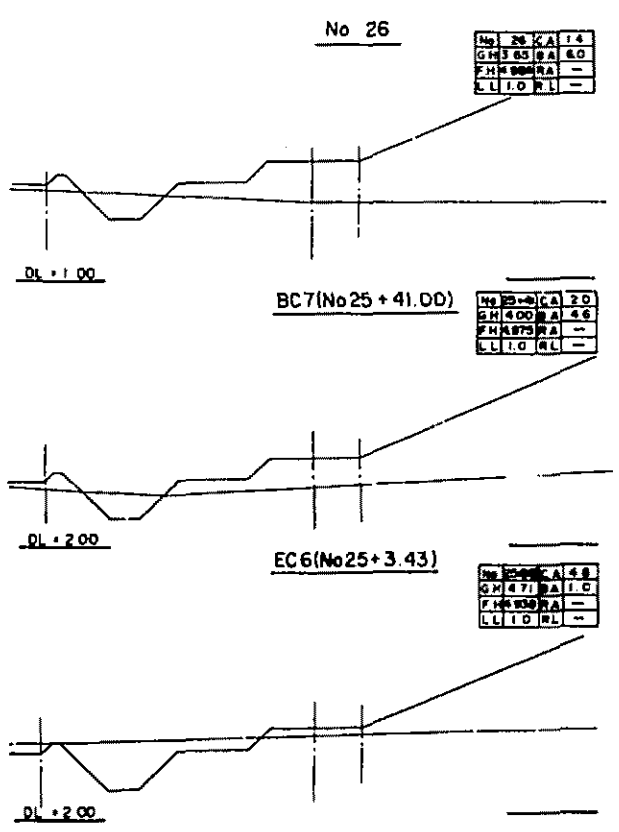
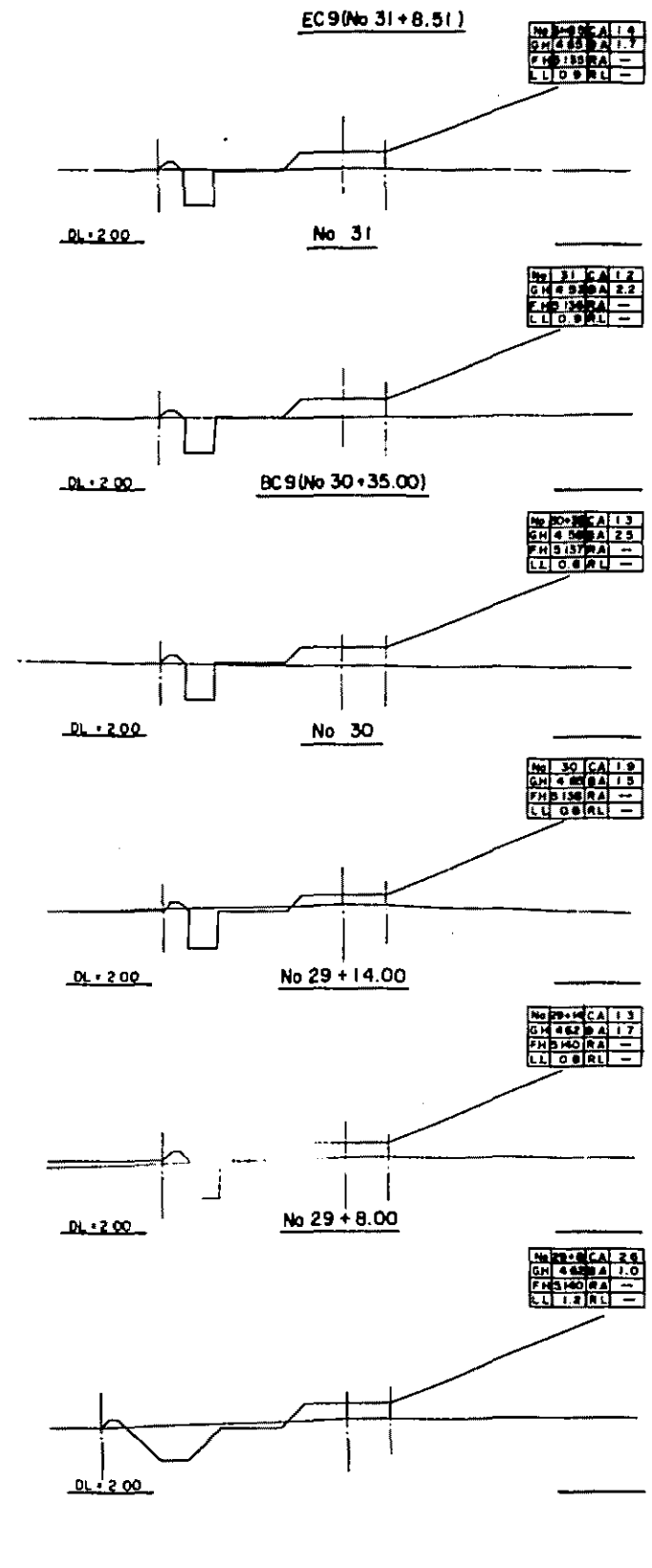
VERIFICACAO: DATA: N DO DESENHO

APROVACAO: DATA: 1 1000

ESCALA



PLANO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
COTA DA SUPERFICIE ESCRAVA	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	
COTA DA SUPERFICIE DIREITA	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	
COTA DA LEITO DE DRENAGEM	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	
COTA DA SUPERFICIE DE CANAL DE DRENAGEM	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	
COTA DA ESTRADA	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	
COTA DA SUPERFICIE	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	
DIST. ACUMULADA	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00	100.00	110.00	120.00	130.00	140.00	150.00	160.00	170.00	180.00	190.00	
DIST.	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00	100.00	110.00	120.00	130.00	140.00	150.00	160.00	170.00	180.00	190.00	
No	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	
CURVA																					



NOTA
 GH: COTA DA SUPERFICIE
 FH: COTA DA ESTRADA
 CA: AREA DE ESCAVACAO
 BA: AREA DE AMPLIACAO
 RA: AREA DE ENCHIMENTO
 LL: COMPRIMENTO DO VERTENTE ESQUERDA
 RL: COMPRIMENTO DO VERTENTE DIREITO

CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA

SEÇÃO LONGITUDINAL E TRANSVERSAL DO MARGINAL

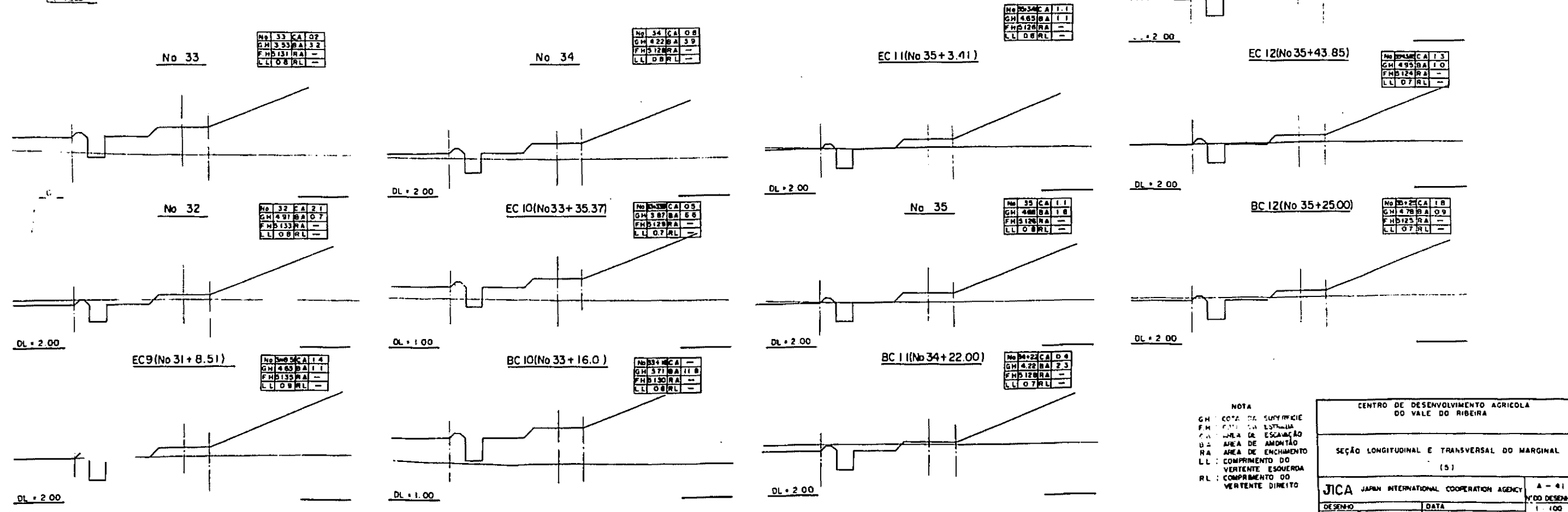
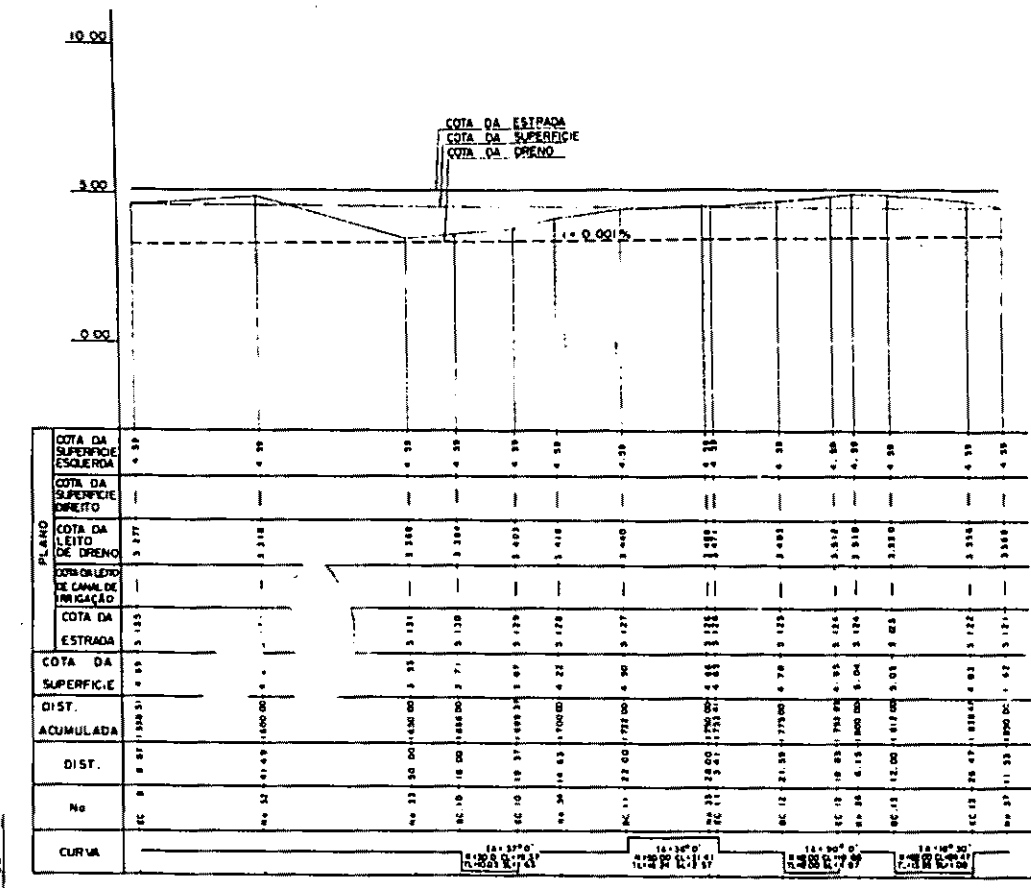
(4)

JICA JAPAN INTERNATIONAL COOPERATION AGENCY A - 40

DESENHO: _____ N.º DO DESENHO: _____

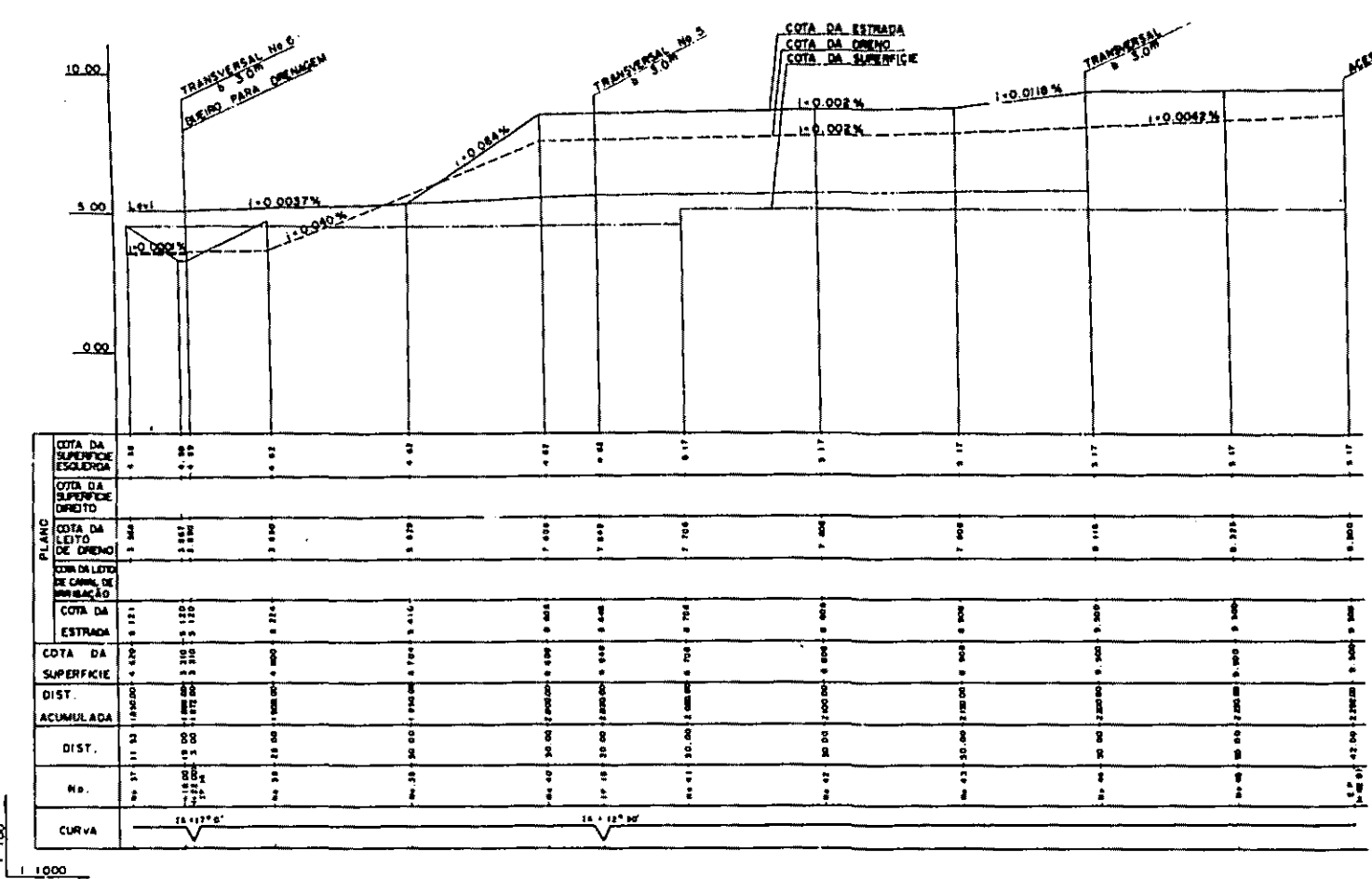
VERIFICACAO: _____ DATA: _____

APROVACAO: _____ ESCALA: 1:1000



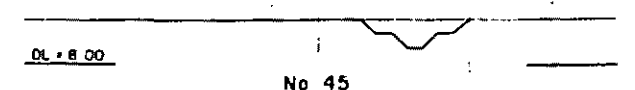
NOTA
 GH: COTA DA SUPERFICIE
 FM: COTA DA ESTRADA
 CA: AREA DE ESCAVACAO
 BA: AREA DE ABRIGAMENTO
 RA: AREA DE ENCHIMENTO
 LL: COMPRIMENTO DO VERTEENTE ESQUERDA
 RL: COMPRIMENTO DO VERTEENTE DIREITO

CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA
 SEÇÃO LONGITUDINAL E TRANSVERSAL DO MARGINAL (5)
 JICA JAPAN INTERNATIONAL COOPERATION AGENCY A-41
 N.º DO DESENHO 1:100
 DATA 1:1000
 ESCALA

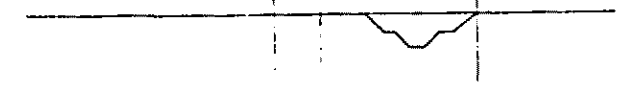


EP (No 45+42.00)

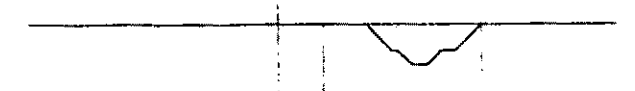
No 45 CA 20
GH 93 RA
FH 93 RA
LL RL 07



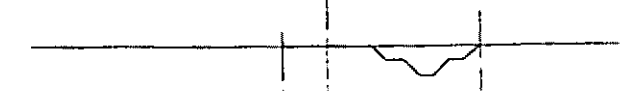
No 49 CA 23
GH 93 RA
FH 93 RA
LL RL 09



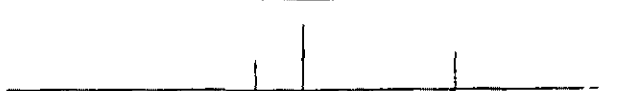
No 44 CA 25
GH 93 RA
FH 93 RA
LL RL 13



No 43 CA 20
GH 93 RA
FH 93 RA
LL RL 02



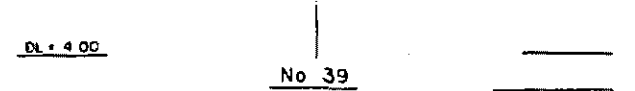
No 42 CA 20
GH 93 RA
FH 93 RA
LL RL 07



No 40 CA 21
GH 93 RA
FH 93 RA
LL RL 07



No 39 CA 21
GH 93 RA
FH 93 RA
LL RL 10



No 38 CA 20
GH 48 RA 1.75
FH 93 RA
LL 08 RL 21



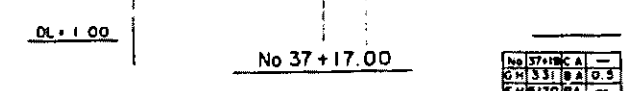
No 37 CA 1
GH 33 RA 0.5
FH 93 RA
LL 07 RL



No 37+17.00 CA 1
GH 33 RA 0.5
FH 93 RA
LL 07 RL



No 37+22.00 CA 1
GH 33 RA 0.5
FH 93 RA
LL 07 RL



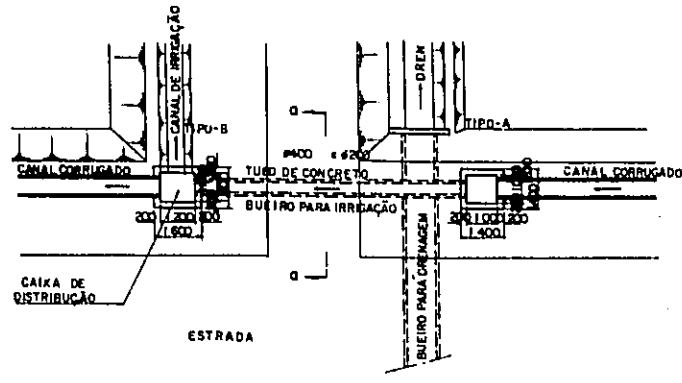
NOTA
 GH: COTA DA SUPERFICIE
 FM: COTA DA ESTRADA
 CA: AREA DE ESCANHO
 RA: AREA DE AMONTAO
 RA: AREA DE ENCHIMENTO
 LL: COMPRIMENTO DO
 VERTENTE ESQUERDA
 RL: COMPRIMENTO DO
 VERTENTE DIREITO

CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBERA

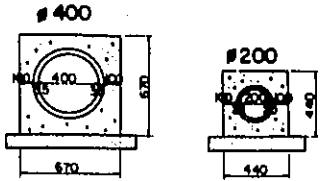
SECAO LONGITUDINAL E TRANSVERSAL DO MARGINAL (8)

JICA JAPAN INTERNATIONAL COOPERATION AGENCY A-42 VDO DESENHO

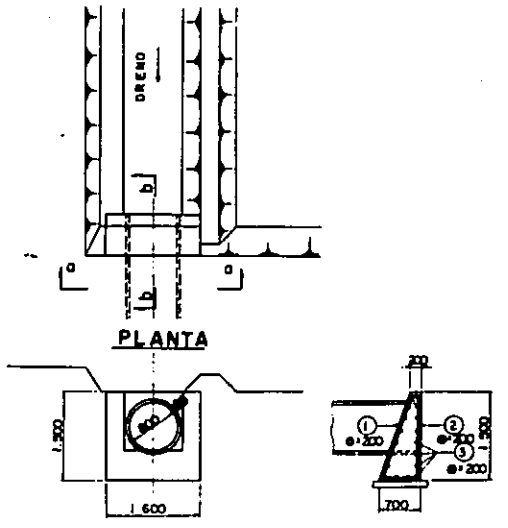
DESENHO	DATA	1 100
VERIFICAO		1 1000
APROVAO		ESCALA



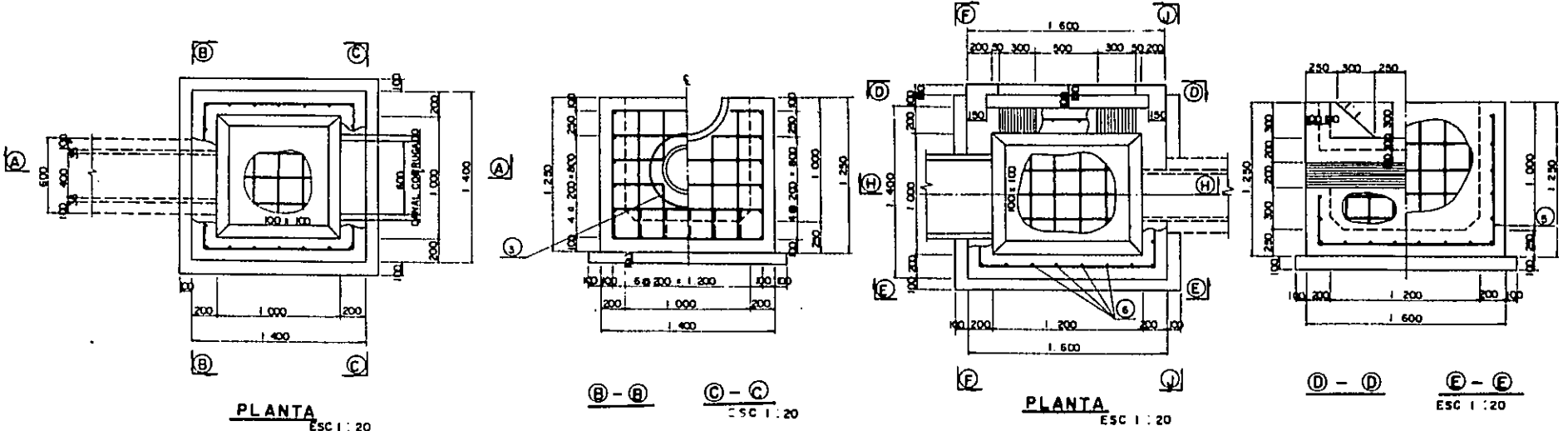
PLANTA
ESC 1:100



SEÇÃO a-a
ESC 1:20



SEÇÃO a-a SEÇÃO b-b
BUEIRO PARA DRENAGEM
ESC 1:50



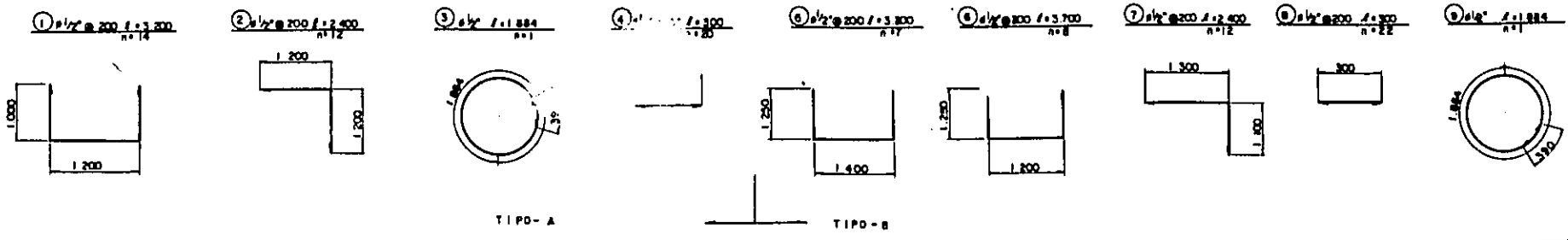
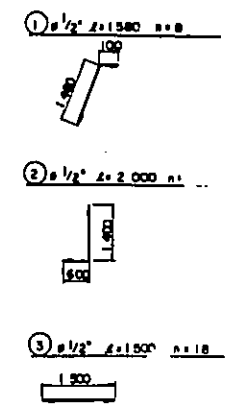
PLANTA
ESC 1:20

PLANTA
ESC 1:20

PAREDE	CONCRETO	$(0,200 + 0,700) \times 1,800 + 1,800 \times 1,800 - \pi \times 0,400^2 \times 0,400$	0,807 m ³	POR UNI
	FORMA	$(0,200 + 0,700) \times 1,800 + 1,800 \times 1,800 + 2 \times 1,800 \times 1,800 + 1,800 \times 1,800$	6,31 m ²	
ARMADURA	ARMAÇÃO	$0,900 \times 1,800 + 0,100$	0,162 m ³	POR 800
	FORMA	$(0,900 + 1,800) \times 2 + 0,100$	0,54 m ²	
BUEIRO	CONCRETO	$0,800 \times 1,800 - \pi \times 0,400^2 \times 1/2$	0,693 m ³	POR 800
	FORMA	$0,800 \times 2$	1,600 m ²	
	ARMADURA	$1,730 \times 0,100$	0,173 m ³	
	FORMA	$0,100 \times 2$	0,20 m ²	

POS	#	COMPRIMENTO	GANCHO	C. QUANT.	C. TOTAL	PESO UNI.	QUANT	PESO
1	1/2"	1,580	23	2,296	1,828	1,892	8	15,192
2	"	2,000	"	"	2,246	2,336	8	18,688
3	"	1,500	"	"	1,748	1,818	18	32,688
						TOTAL		66,568

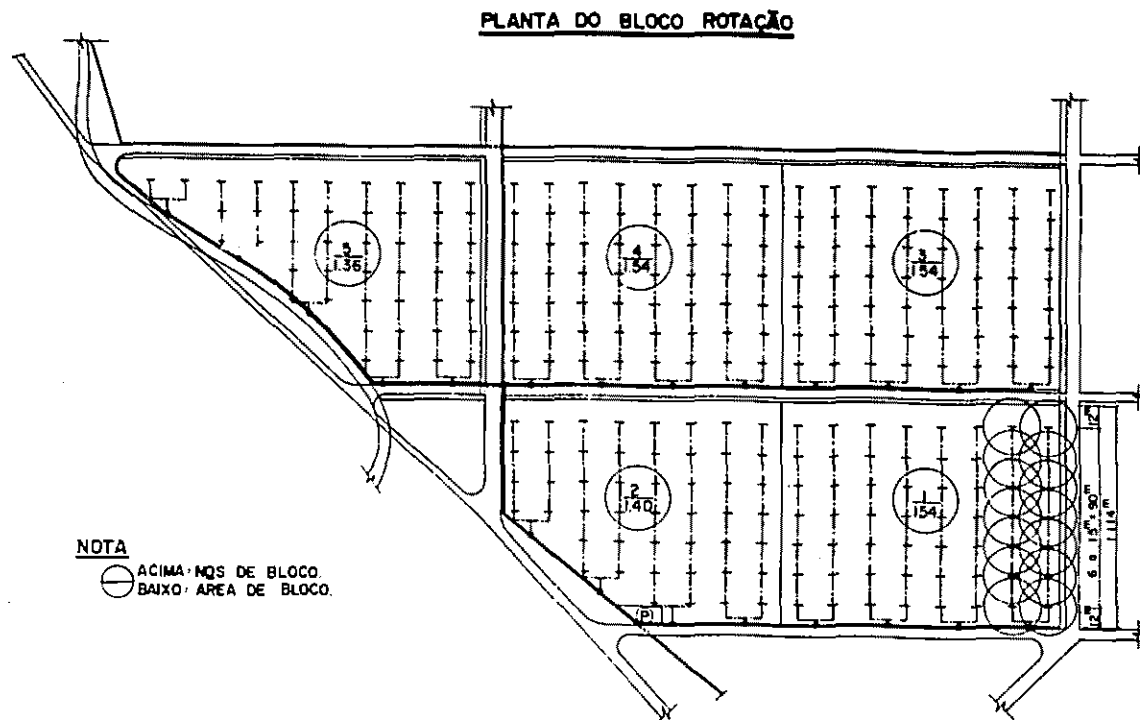
TIPO	POS	#	COMPRIMENTO	GANCHO	C. QUANT.	C. TOTAL	PESO UNI.	QUANT	PESO
A	1	1/2"	3,200	123	2,248	3,446	3,994	14	50,178
	2	"	2,400	"	"	2,848	2,752	12	33,024
	3	"	1,884	"	290	2,520	2,621	1	2,621
	4	"	300	"	"	546	0,568	20	11,360
						TOTAL			97,183
B	5	1/2"	3,900	123	2,246	4,148	4,312	7	30,184
	6	"	3,700	"	"	3,948	4,104	8	32,832
	7	"	2,400	"	"	2,848	2,752	12	33,024
	8	"	300	"	"	546	0,568	22	12,496
	9	"	1,884	"	290	2,520	2,621	1	2,621
						TOTAL			111,137



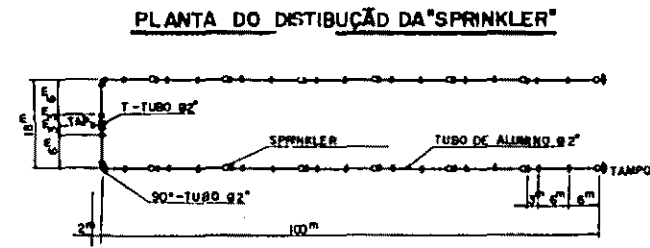
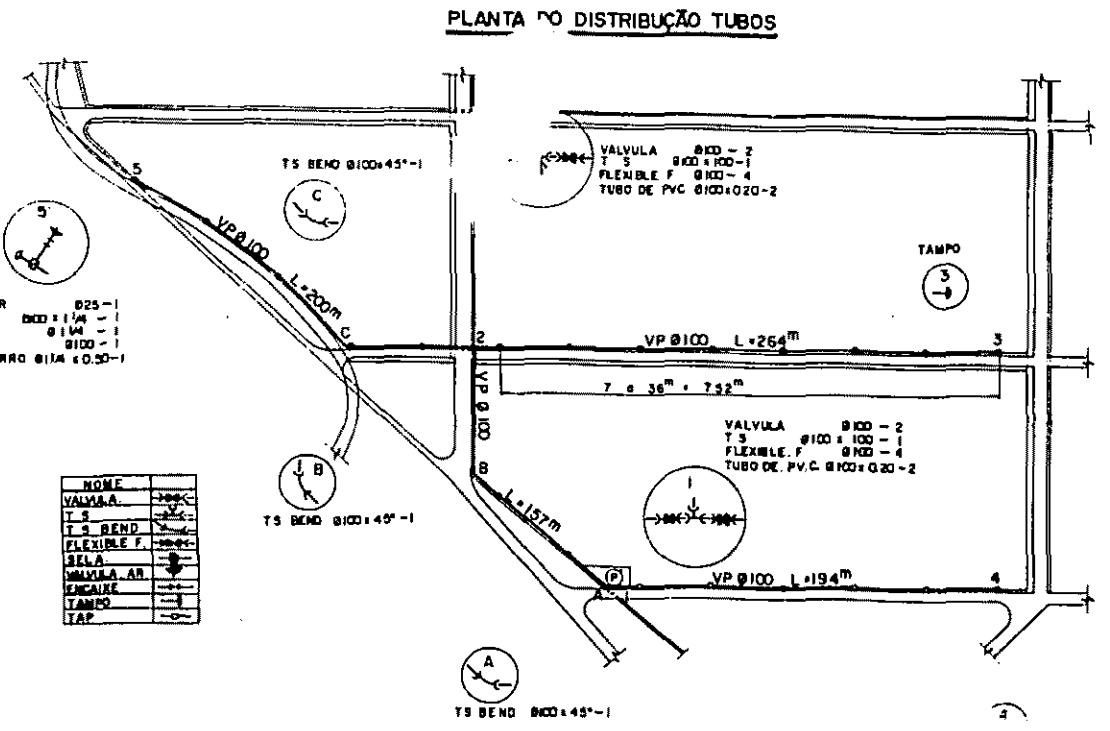
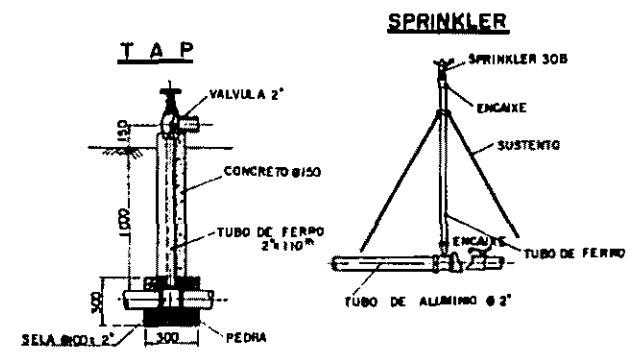
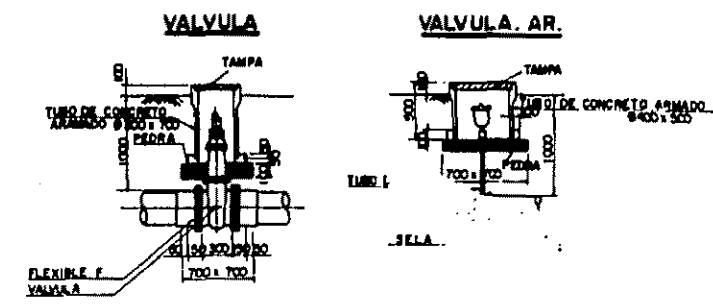
CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBERA

DETALHE DA BUEIRO E CAIXA DE DISTRIBUICAO

JICA JAPAN INTERNATIONAL COOPERATION AGENCY A-43
N.º DO DESENHO 100
DESIGNO DATA 10
VERIFICACAO 20
APROVACAO REGALA

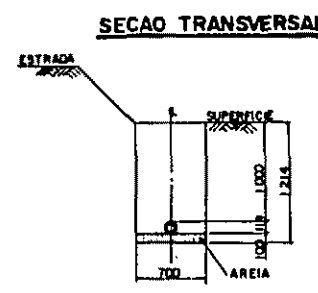


NOTA
 ○ ACIMA: HQS DE BLOCO
 ○ BAIXO: AREA DE BLOCO.



MATERIAIS

QTD	TUBO DE ALUMINIO Ø 2"	TUBO DE FERRO Ø 2"	TUBO DE PVC Ø 100 x 020	T-JUNTA Ø 100	TUBO ENCAIXE Ø 100	TUBO TAMPO Ø 100
14	14	14	2	2	2	2
12	12	12	2	2	2	2
10	10	10	2	2	2	2
8	8	8	2	2	2	2
6	6	6	2	2	2	2
2	2	2	2	2	2	2

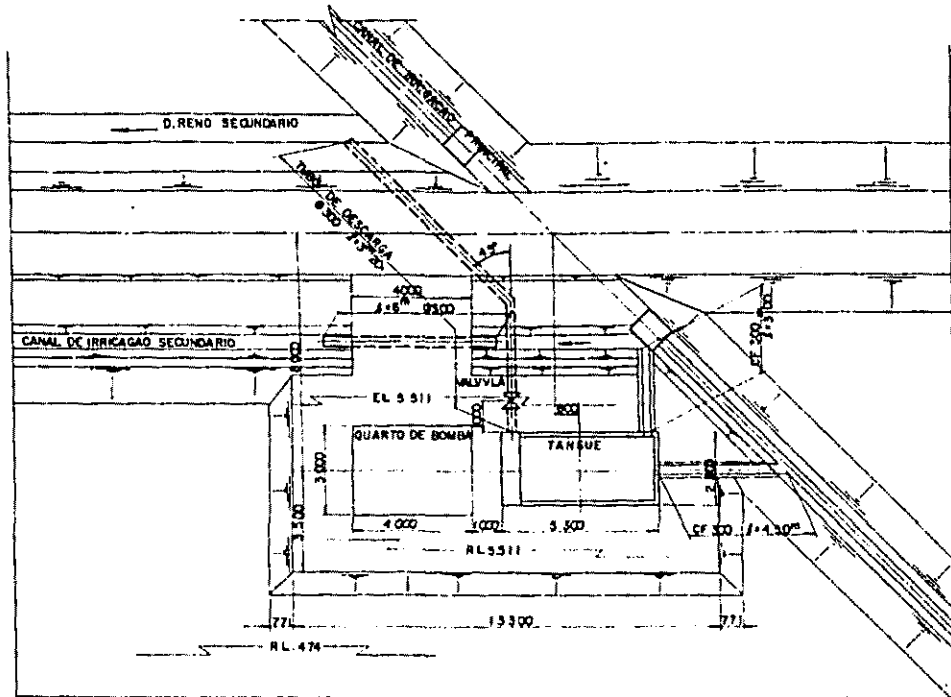


CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA

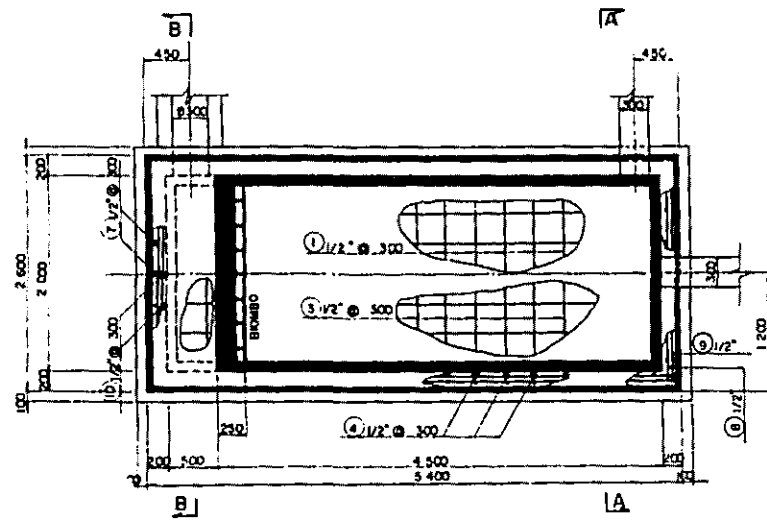
PLANO DO IRRIGACÃO POR ASPERÇÃO (I)

JICA JAPAN INTERNATIONAL COOPERATION AGENCY A-44
 CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA
 DATA: _____ 1 1900
 APROVAÇÃO: _____ ESCALA

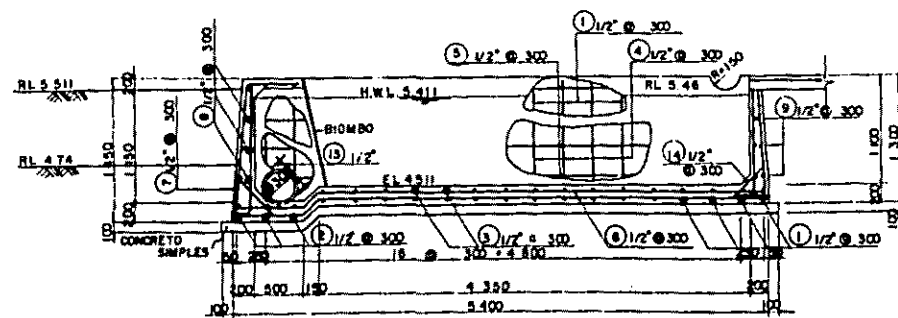
PLANTA DO BOMBA PARA TRRIGAÇÃO POR ASPERÇÃO S=1:100



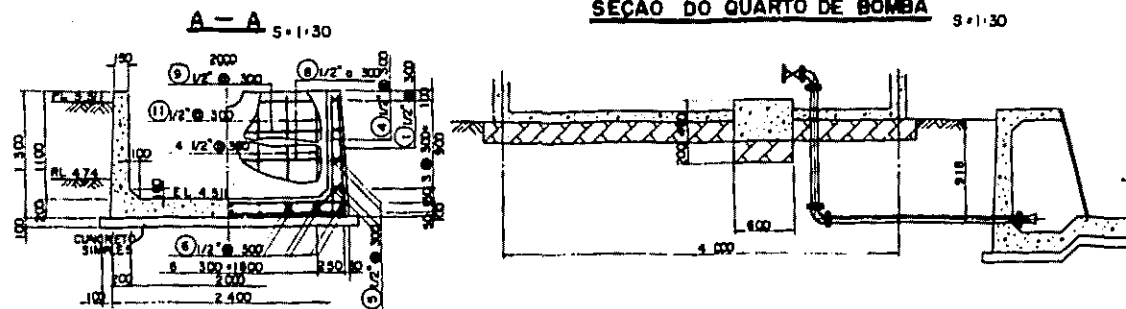
PLANTA S=1:30



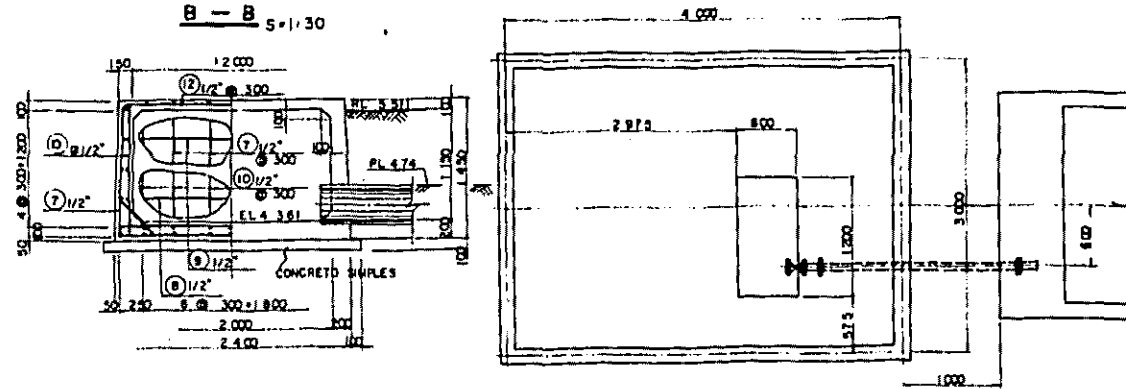
SEÇÃO S=1:30



SEÇÃO DO QUARTO DE BOMBA S=1:30

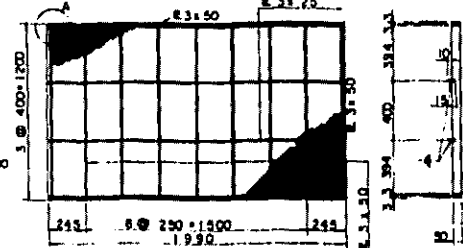


PLANTA BA QUARTO DE BOMBA S=1:30

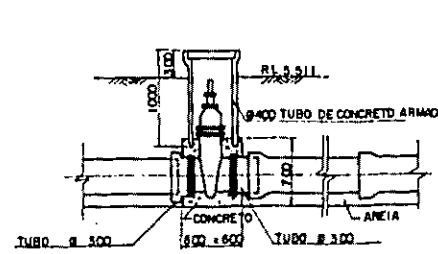


QUANTIDADE DE ARMADURA							
POS	#	COMPRI (m)	C	QUANT	C TOTAL (m)	PESO (kg)	
1	1/2"	4800	123	2	246	4.866	5.040
2	1/2"	4920				5.166	5.375
3	1/2"	2300				2.546	2.648
4	1/2"	1200				1.466	1.525
5	1/2"	3250				3.498	3.718
6	1/2"	5380				5.608	5.832
7	1/2"	2420				2.558	2.773
8	1/2"	2250				2.428	2.598
9	1/2"	3281				3.537	3.678
10	1/2"	1350				1.598	1.680
11	1/2"	1946				1.956	2.045
12	1/2"	3240				3.488	3.625
13	1/2"	300				748	0.778
14	1/2"	430				678	0.705
						TOTAL	528.705

DETALE DA BOMBA S=1:20



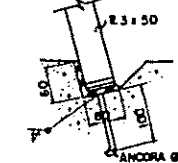
VALVULA E CAIXA S=1:30



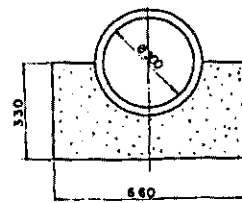
DETALE 'A' S=1:1



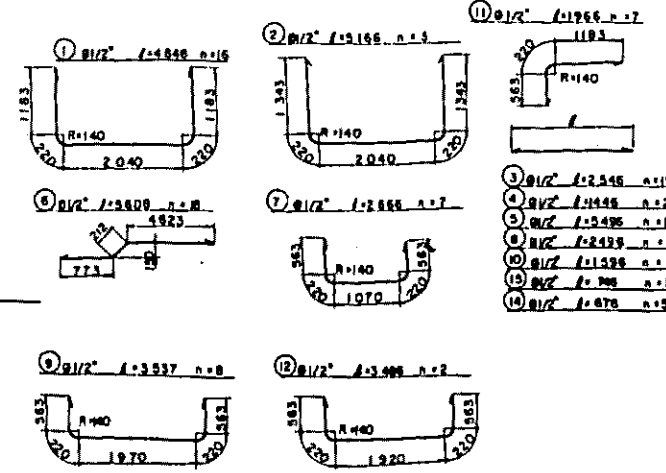
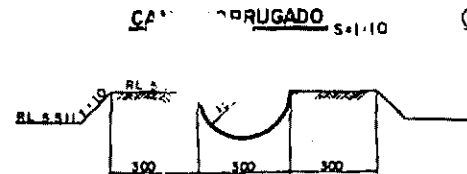
ANCORA S=1:5



BASE DE AREIA S=1:10



CAIXA CORRUGADO S=1:10



CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA

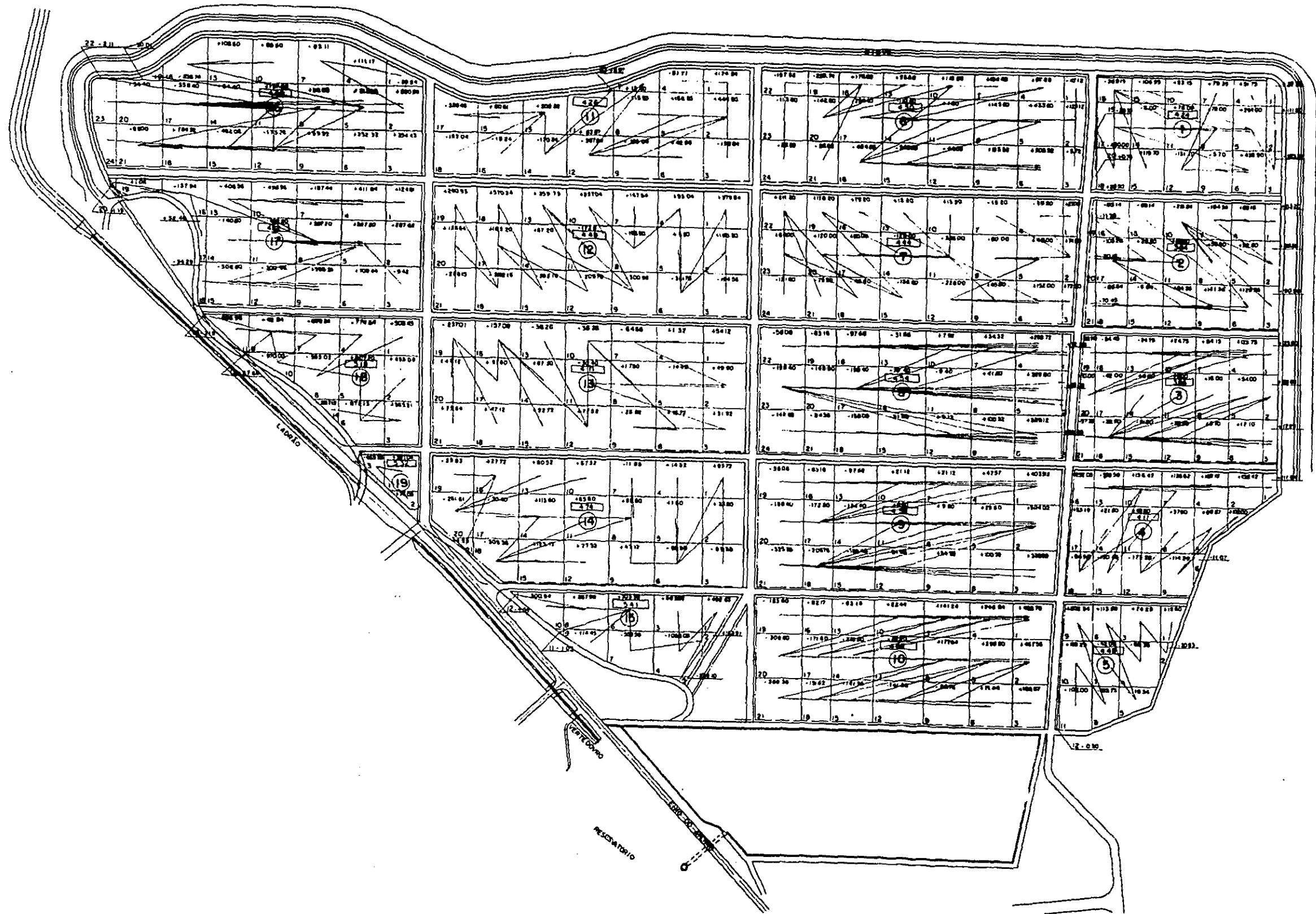
PLANO DO IRRIGAÇÃO POR ASPERÇÃO (2)

JICA JAPAN INTERNATIONAL COOPERATION AGENCY A-45

DESIGNO DATA 1:30

VERIFICACAO DATA 1:100

APROVACAO DATA ESCALA



NOTA	
MARCA	NOME
①	NOS DE QUADRA
19	NOS DE BLOCO
3.90	COTA DA SUPERFÍCIE PLANO
- 11.21	ESCAVAÇÃO
+ 18.23	ATERRO
—	MOVIMENTO DO SOLO

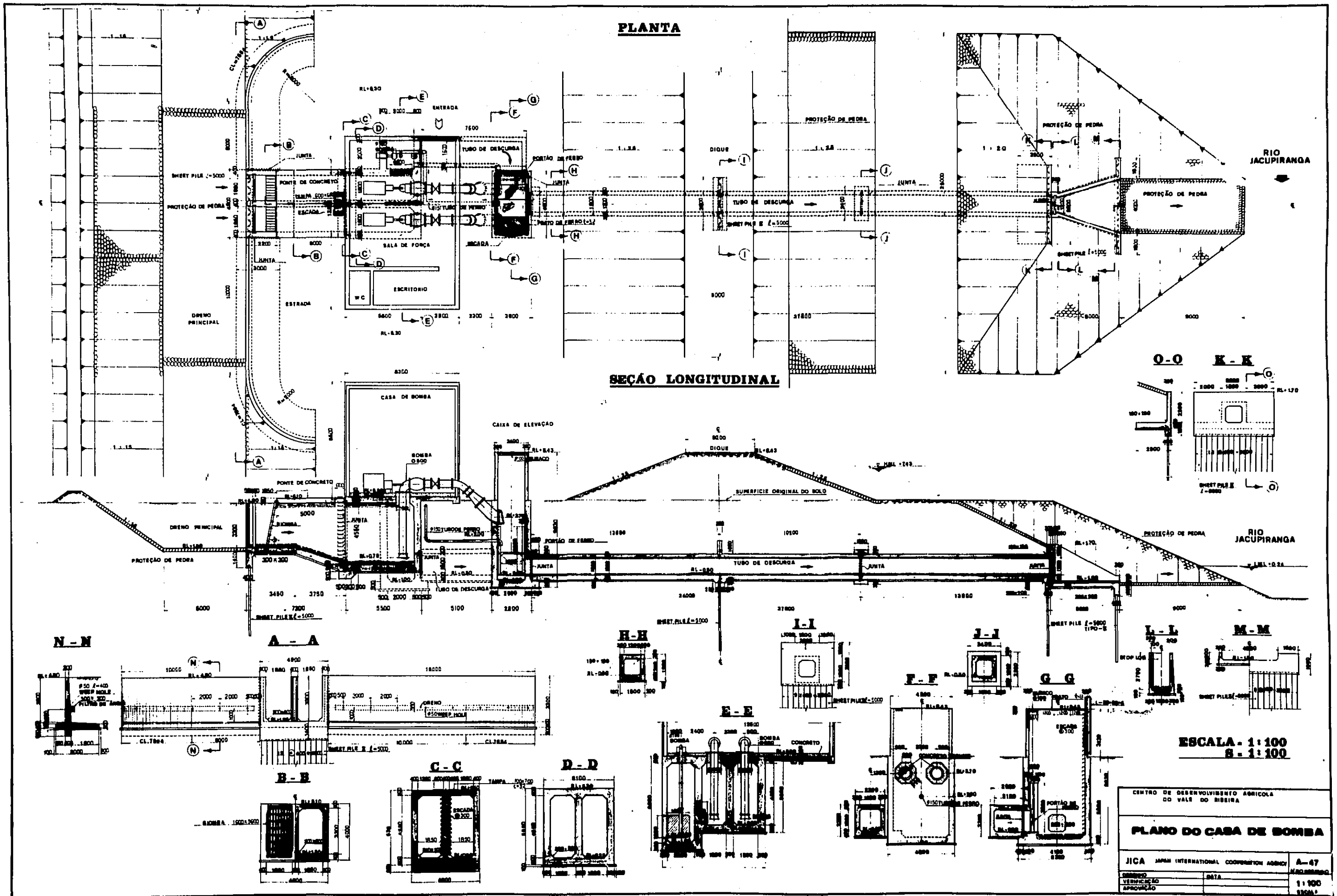
CENTRO DE DESENVOLVIMENTO AGRÍCOLA DO VALE DO RIBEIRA

PLANO DO NIVELAMENTO DO SOLO

JICA JAPAN INTERNATIONAL COOPERATION AGENCY		A - 46
DESENHO	DATA	N. DO DESENHO
VERIFICAÇÃO		1:1.500
APROVAÇÃO		ESCALA

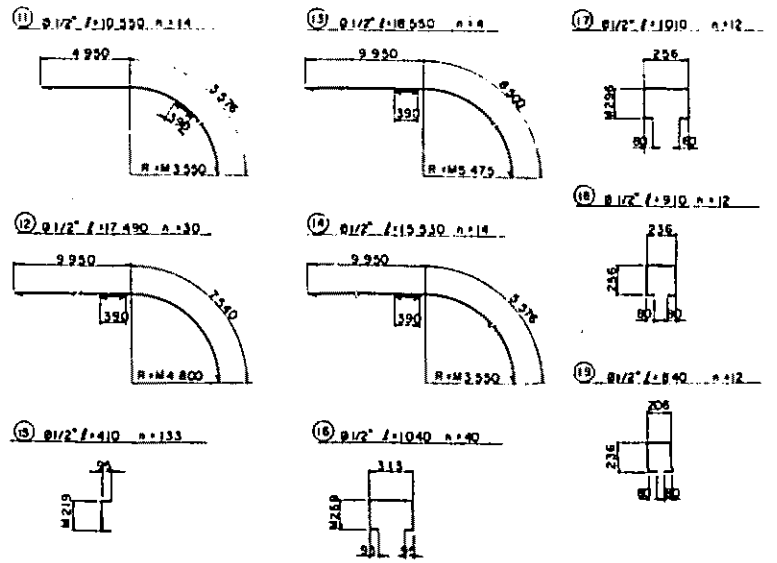
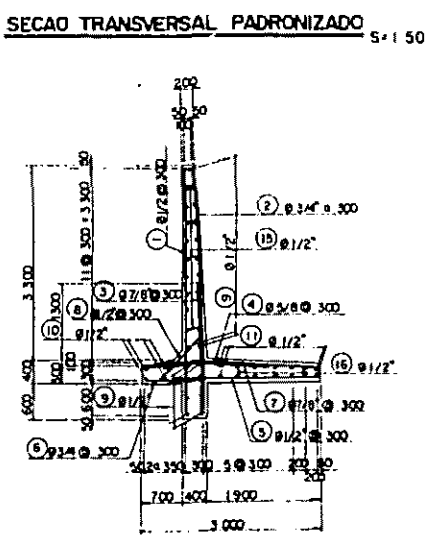
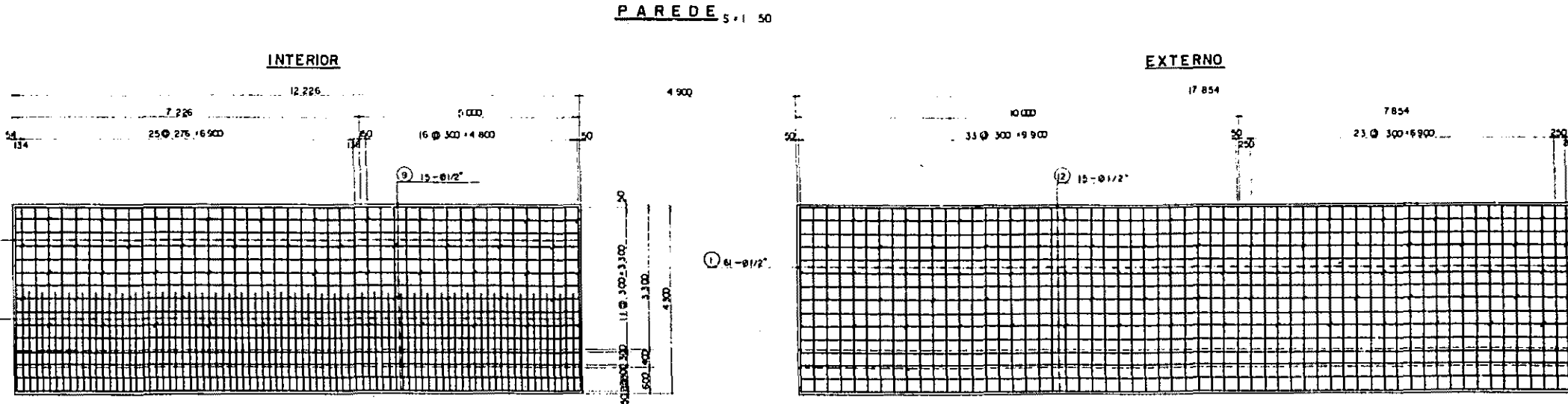
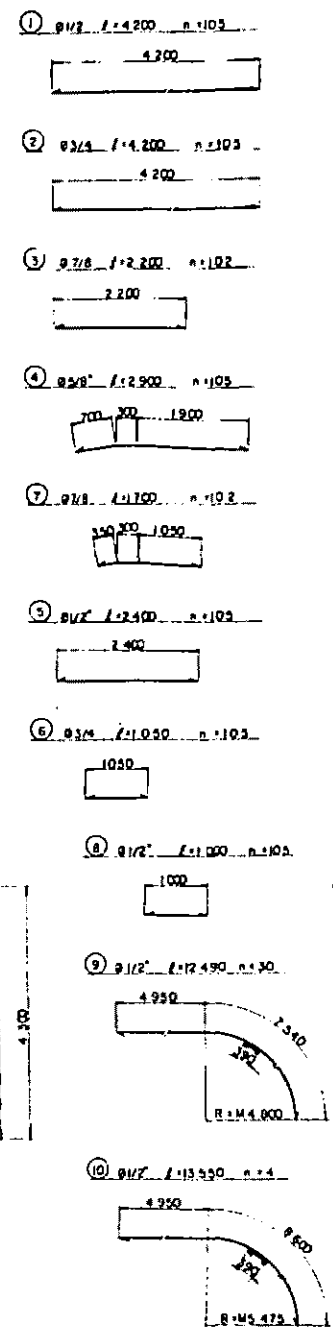
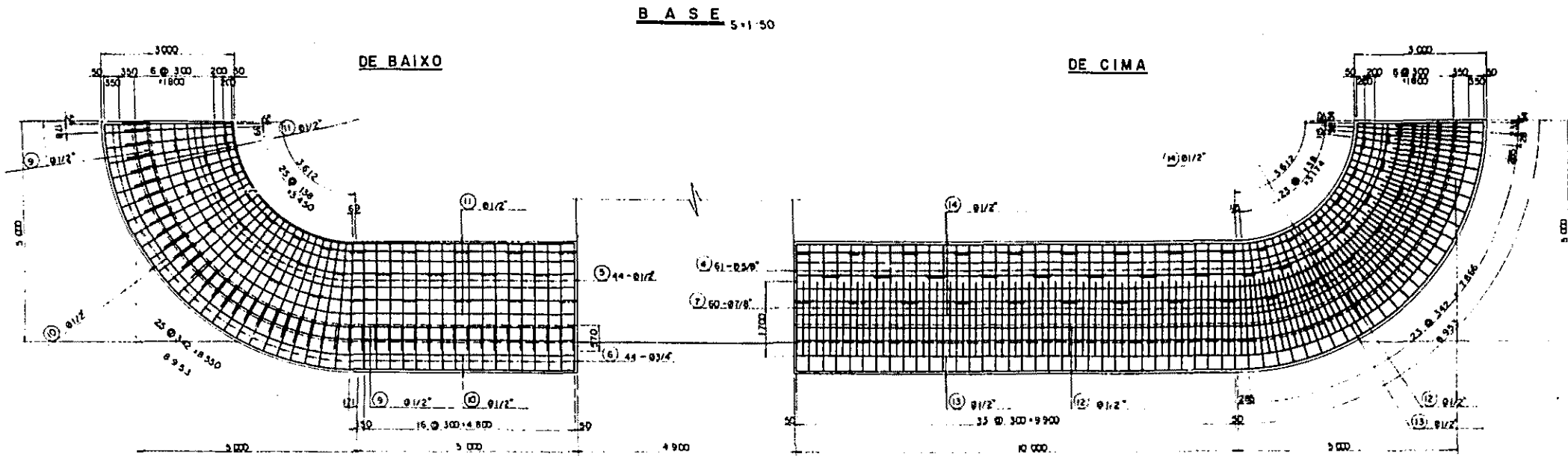
PLANTA

SEÇÃO LONGITUDINAL



ESCALA - 1:100
S - 1:100

CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA		
PLANO DO CASA DE BOMBA		
JICA	JAPAN INTERNATIONAL COOPERATION AGENCY	A-47
ORÇAMENTO	DATA	MACAÉ
VERIFICAÇÃO		1:100
APROVAÇÃO		1964



QUANTIDADE DE ARMADURA

POS	Ø	COMPRIMENTO	QUANT	PESO UN	QUANT	PESO (kg)
1	Ø 1/2"	4.200	103	4.446	103	489.42
2	Ø 3/4"	4.200	103	10.088	103	1039.24
3	Ø 7/8"	2.200	102	7.840	102	779.28
4	Ø 5/8"	2.900	103	3.002	103	329.21
5	Ø 1/2"	1.700	102	2.546	102	288.86
6	Ø 3/4"	1.000	103	3.054	103	321.72
7	Ø 1/2"	1.000	102	1.246	102	125.98
8	Ø 1/2"	12.490	30	13.372	30	417.18
9	Ø 1/2"	13.330	4	14.132	4	60.04
10	Ø 1/2"	13.330	1	11.412	1	168.19
11	Ø 1/2"	17.490	30	18.572	30	573.18
12	Ø 1/2"	18.330	4	19.432	4	80.84
13	Ø 1/2"	13.330	1	18.412	1	238.93
14	Ø 1/2"	410	133	0.410	133	58.66
15	Ø 1/2"	1.040	40	1.040	40	41.24
16	Ø 1/2"	1.010	12	1.010	12	32.50
17	Ø 1/2"	910	12	0.910	12	11.35
18	Ø 1/2"	840	12	0.840	12	10.08
TOTAL						5894

CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA

DETALHE DAS ARMADURAS DA PAREDE DO CASA DE BOMBA.

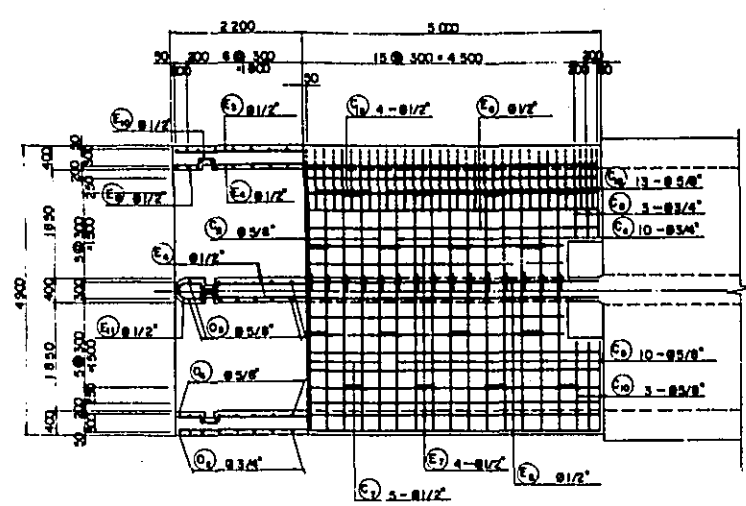
JICA JAPAN INTERNATIONAL COOPERATION AGENCY **A-48**

DESENHO: _____ DATA: _____ N.º DO DESENHO: _____

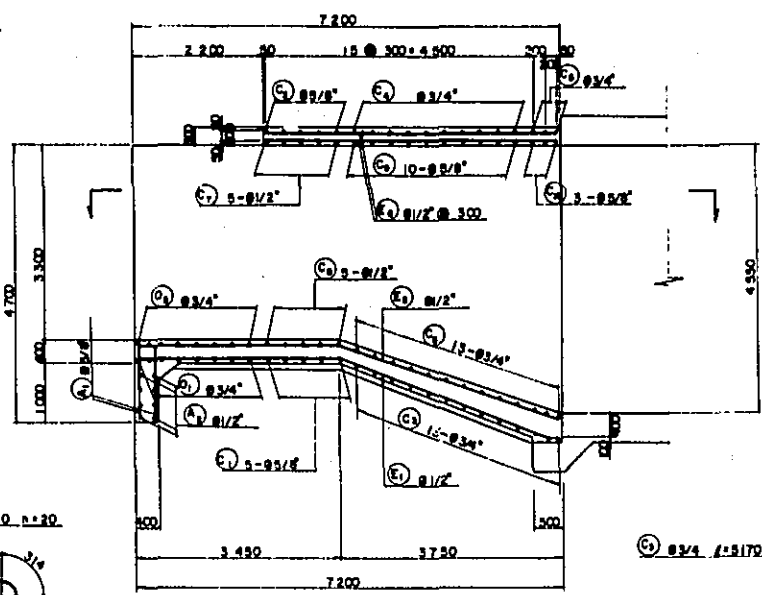
VERIFICACAO: _____ 1:50

APROVACAO: _____ ESCALA

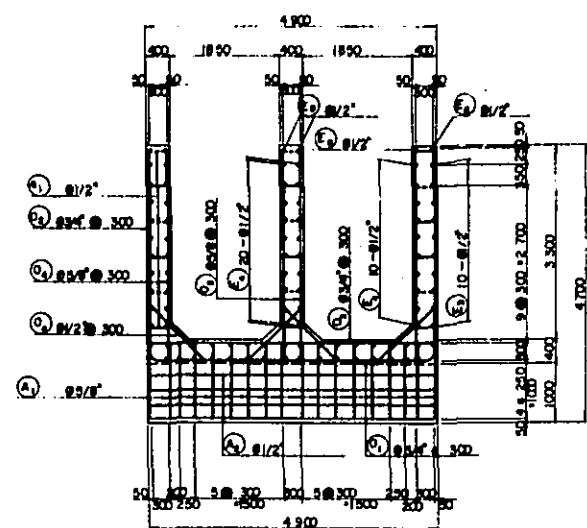
PLACA DE CIMA S=1:50



SEÇÃO LONGITUDINAL S=1:50



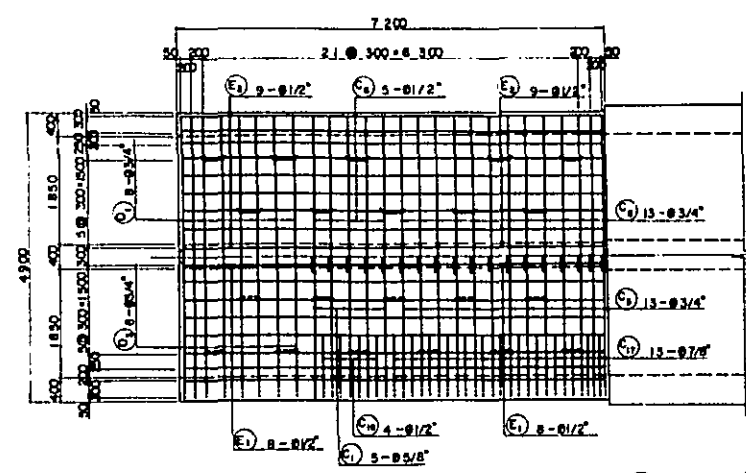
B-B S=1:50



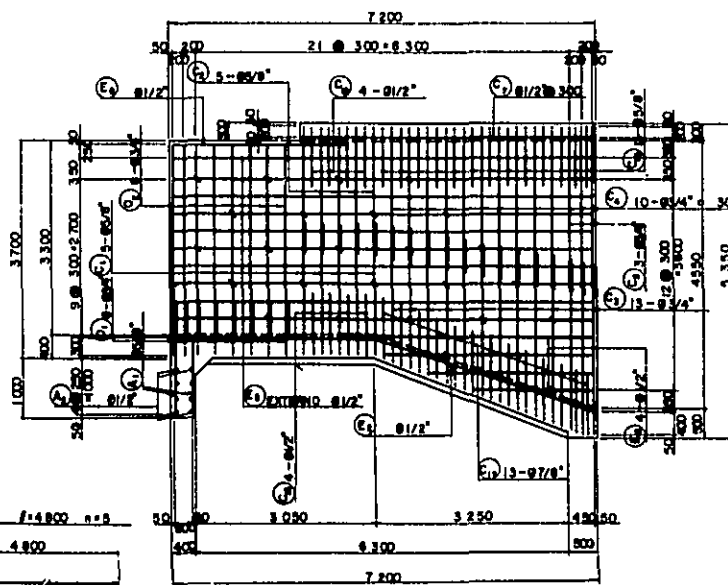
DE CIMA
DE BAIXO

DE CIMA
DE BAIXO

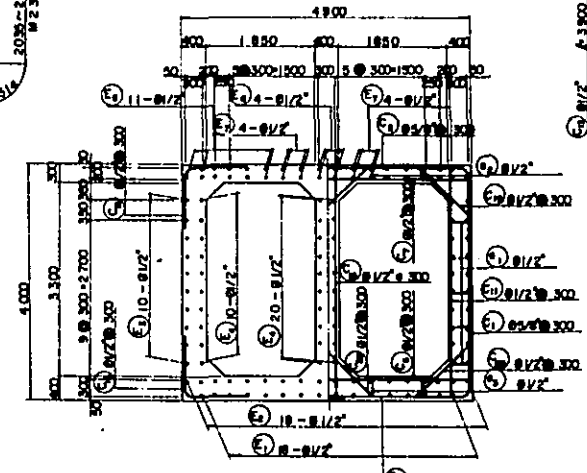
BASE S=1:50



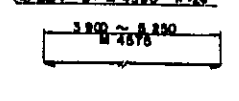
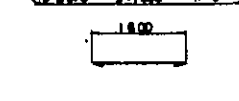
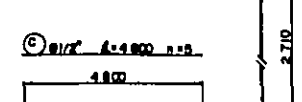
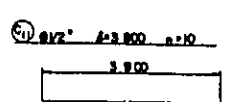
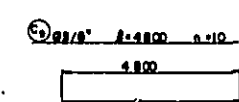
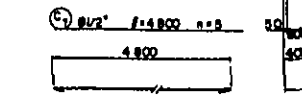
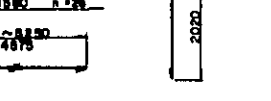
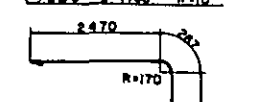
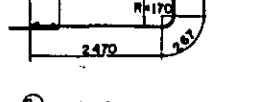
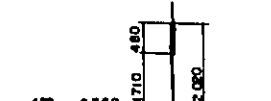
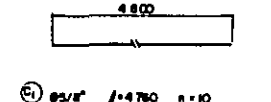
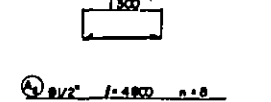
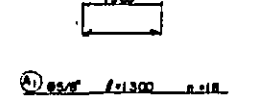
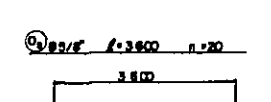
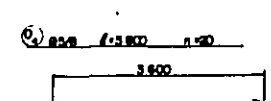
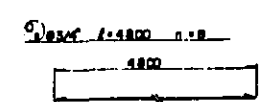
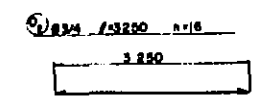
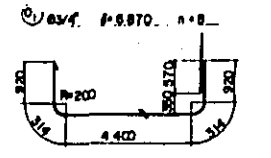
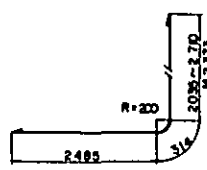
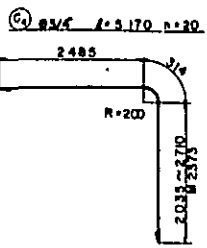
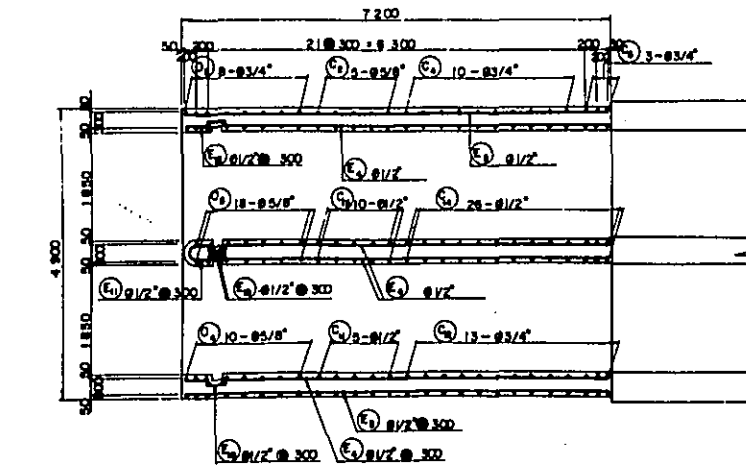
VISTA LADO (EXTERNO) S=1:50



C-C S=1:50

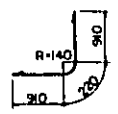


A-A S=1:50

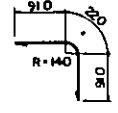


CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA		
DETALHE DAS ARMADURAS DA ENTRADA DO CASA DE BOMBA (II)		
JICA JAPAN INTERNATIONAL COOPERATION AGENCY		A-49
DESENHO	DATA	Nº DO DESENHO
VERIFICAÇÃO		1:50
APROVAÇÃO		ESCALA

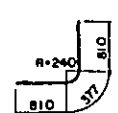
1) #1/2" l=2040 n=8



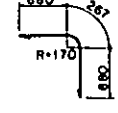
2) #1/2" l=2040 n=8



3) #7/8" l=2000 n=26



4) #5/8" l=2030 n=26



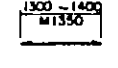
5) #1/2" l=1200 n=66



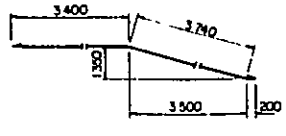
6) #1/2" l=1300 n=20



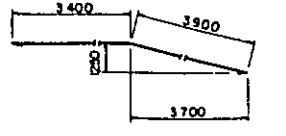
7) #1/2" l=1350 n=104



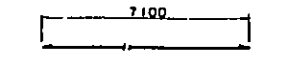
8) #1/2" l=7340 n=16



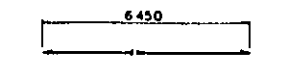
9) #1/2" l=7300 n=18



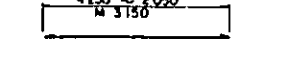
10) #1/2" l=7100 n=20



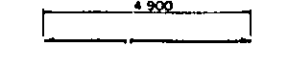
11) #1/2" l=6450 n=40



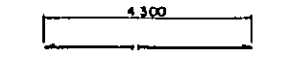
12) #1/2" l=3150 n=24



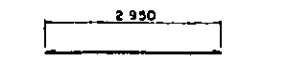
13) #1/2" l=4900 n=26



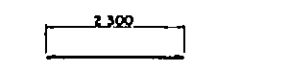
14) #1/2" l=4300 n=8



15) #1/2" l=2950 n=2



16) #1/2" l=2300 n=4



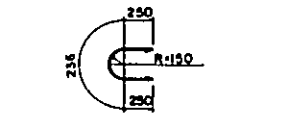
17) #1/2" l=550 n=44



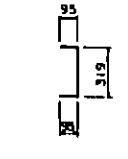
18) #1/2" l=400 n=22



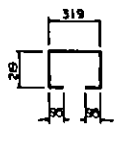
19) #1/2" l=740 n=11



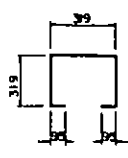
20) #1/2" l=910 n=114



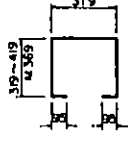
21) #1/2" l=950 n=16



22) #1/2" l=1130 n=10



23) #1/2" l=1250 n=12



POS	#	COMPRIMENTO (m)	JUNTA		GANCHO		COMPR TOTAL (m)	PESO UNI. (kg)	QUANT.	PESO (kg)	OBSERVAÇÃO
			COMPR (m)	QUANT. TOTAL	COMPR (m)	QUANT. TOTAL					
1)	#3/4"	6.870			0.182	2	0.324	7.194	18.042	9	128.34
2)	#3/4"	3.250						3.250	7.970	16	127.52
3)	#3/4"	4.800						3.120	11.424	8	91.41
4)	#3/4"	3.600						3.924	8.750	20	175.00
5)	#5/8"	3.600			0.133	2	0.266	3.866	6.108	20	122.16
6)	#1/2"	1.300			0.123	2	0.246	1.546	1.607	52	81.42
7)	#5/8"	1.300			0.133	2	0.266	1.566	2.474	18	44.53
8)	#1/2"	4.800			0.123	2	0.246	5.046	5.247	8	41.88
9)	#5/8"	4.750			0.133	2	0.266	5.028	7.941	10	79.41
10)	#3/4"	4.750						5.028	7.941	10	79.41
11)	#3/4"	5.170			0.182	2	0.324	5.494	12.231	28	318.53
12)	#3/4"	5.170						5.494	12.231	20	243.02
13)	#3/4"	4.450						4.774	10.648	6	83.88
14)	#1/2"	4.800			0.123	2	0.246	5.046	5.247	5	26.24
15)	#1/2"	4.800						5.046	5.247	5	26.24
16)	#3/4"	4.800			0.182	2	0.324	5.124	11.424	13	148.54
17)	#5/8"	4.800			0.133	2	0.266	5.066	8.004	10	80.04
18)	#3/4"	1.600						1.868	2.948	6	17.69
19)	#1/2"	3.900			0.123	2	0.246	4.146	4.311	10	43.11
20)	#3/4"	4.980			0.182	2	0.324	4.904	9.710	28	252.48
21)	#1/2"				0.123	2	0.246	4.146	4.312	10	43.12
22)	#1/2"							4.826	5.019	26	130.49
23)	#1/2"	2.040						2.286	2.377	8	19.02
24)	#1/2"	2.040						2.286	2.377	8	19.02
25)	#7/8"	2.000			0.182	2	0.364	2.364	7.044	26	183.14
26)	#5/8"	2.030			0.133	2	0.266	2.296	3.627	26	94.30
27)	#1/2"	1.200			0.123	2	0.246	1.446	1.503	66	99.20
28)	#1/2"	1.300						1.546	1.607	20	32.14
29)	#1/2"	1.350						1.596	1.659	104	172.54
30)	#1/2"	7.340						7.586	7.889	16	126.22
31)	#1/2"	7.300						7.546	7.847	18	141.25
32)	#1/2"	7.100						7.346	7.639	20	152.78
33)	#1/2"	6.450						6.696	6.963	20	139.26
34)	#1/2"	3.150						3.396	3.531	24	84.74
35)	#1/2"	4.900						5.146	5.351	26	139.13
36)	#1/2"	4.300						4.546	4.727	8	37.82
37)	#1/2"	2.950						3.196	3.323	2	6.65
38)	#1/2"	2.300						2.546	2.647	4	10.59
39)	#1/2"	0.550						0.796	0.827	44	36.39
40)	#1/2"	0.740						0.986	1.023	11	11.28
41)	#1/2"	0.400						0.648	0.671	22	14.76
42)	#1/2"	0.510						0.510	0.550	114	60.42
43)	#1/2"	9.50						9.950	9.988	16	15.81
44)	#1/2"	1.150						1.150	1.186	10	11.96
45)	#1/2"	1.250						1.250	1.300	12	15.60
TOTAL 3992.16 13.982											

CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA

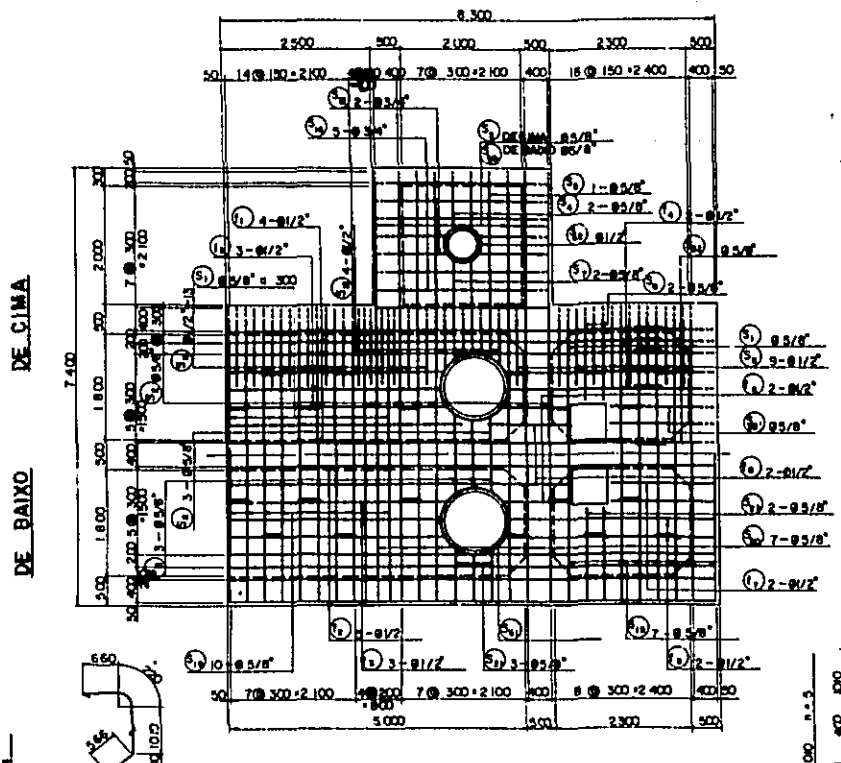
DETALHE DAS ARMADURAS DA ENTRADA DO CASA DE BOMBA (2)

JICA JAPAN INTERNATIONAL COOPERATION AGENCY A-50

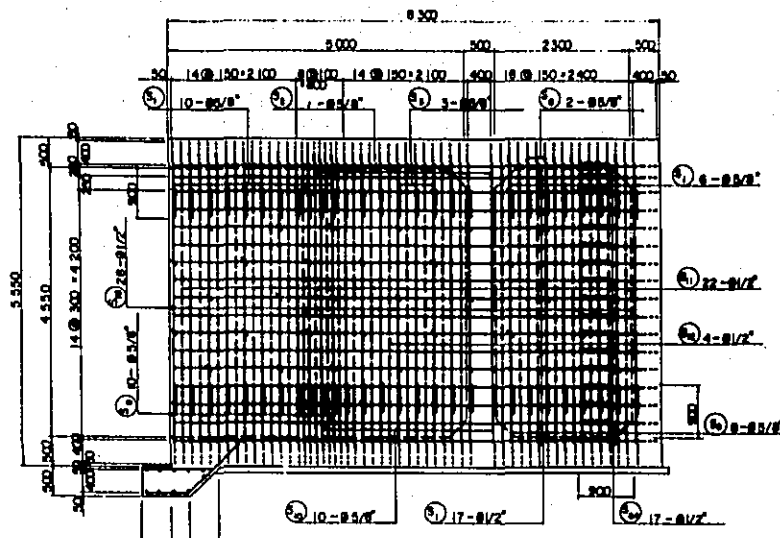
DESENHO _____ DATA _____ N.º DO DESENHO _____

VERIFICAÇÃO _____ APROVAÇÃO _____ ESCALA _____

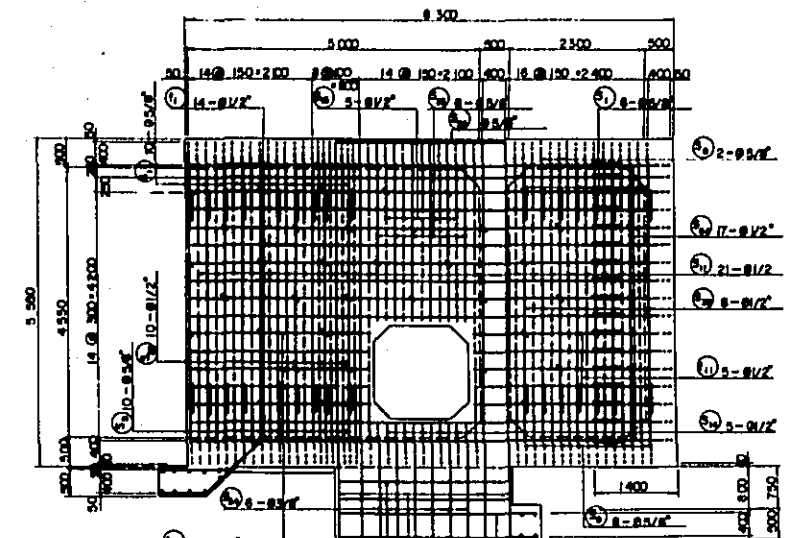
PLACA DE CIMA S=1:50



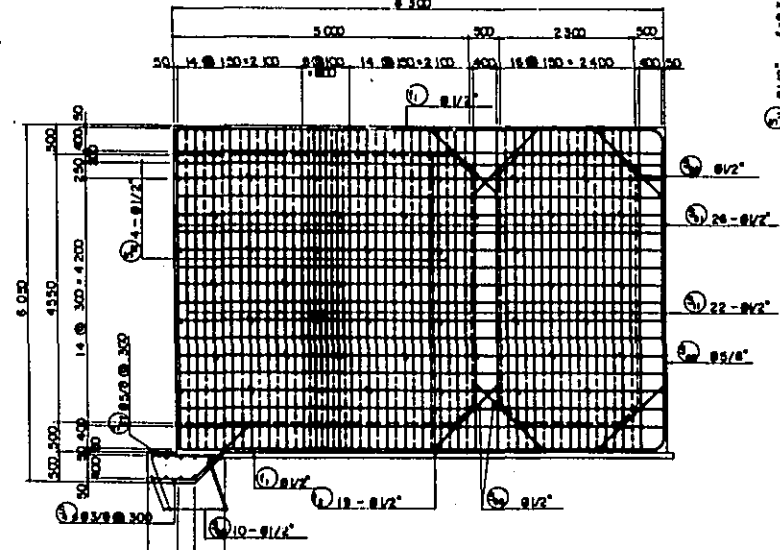
VISTA LADO DIREITO (EXTERNO) S=1:50



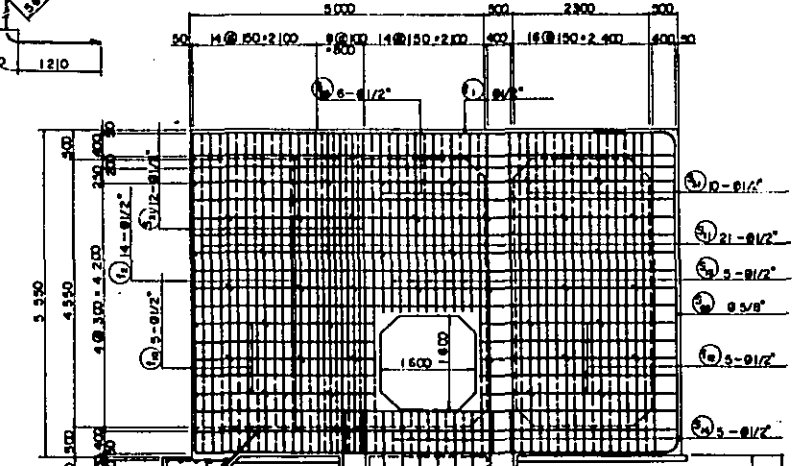
VISTA LADO ESQUERDA (EXTERNO) S=1:50



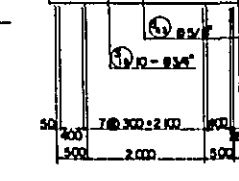
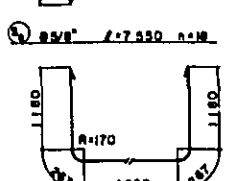
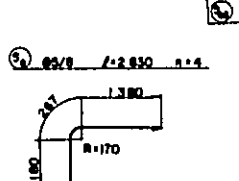
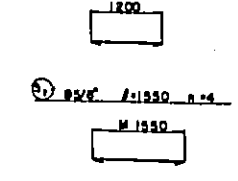
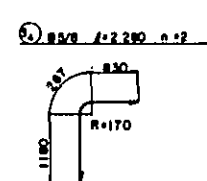
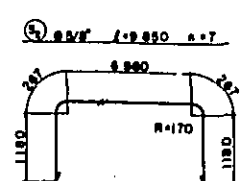
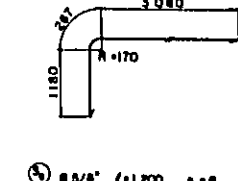
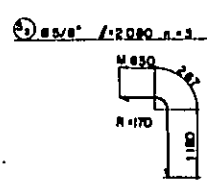
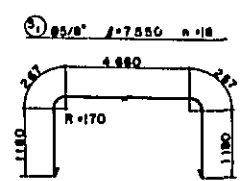
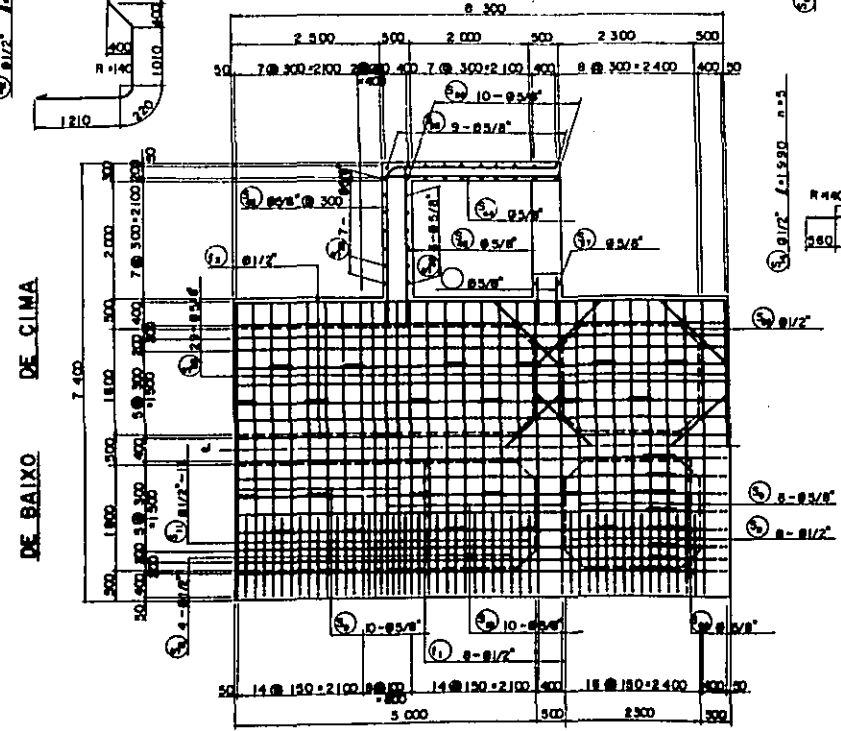
VISTA LADO DIREITO (INTERIOR) S=1:50



VISTA LADO ESQUERDA (INTERIOR) S=1:50



BASE S=1:50



CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA

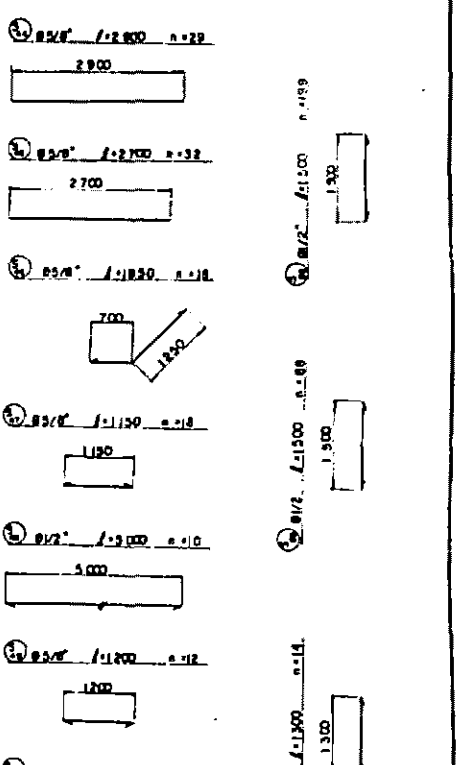
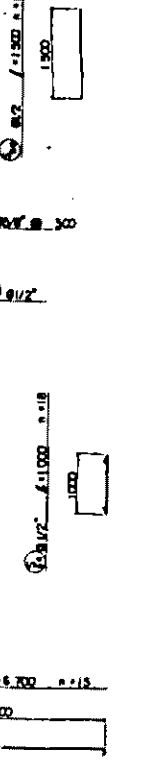
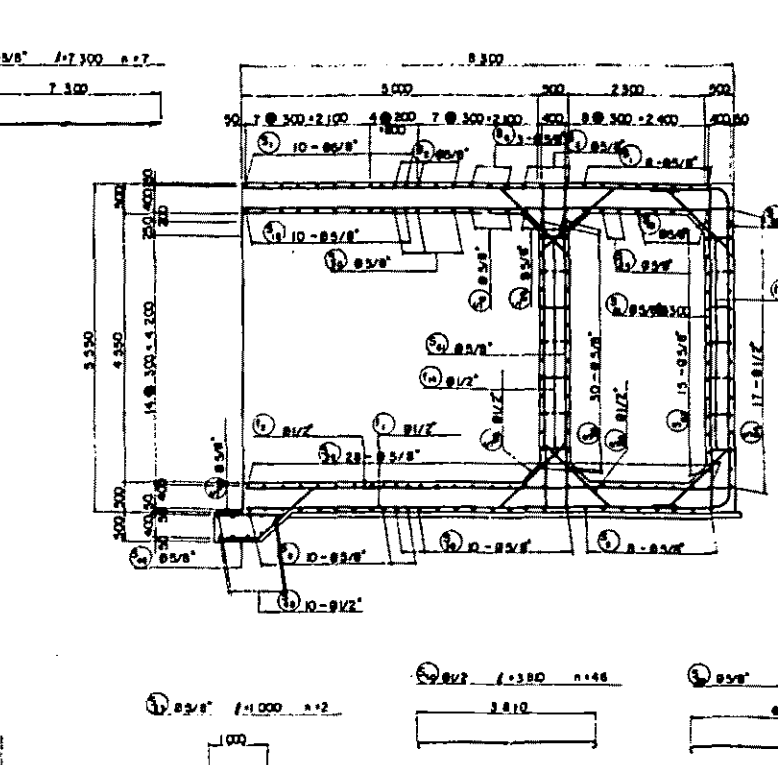
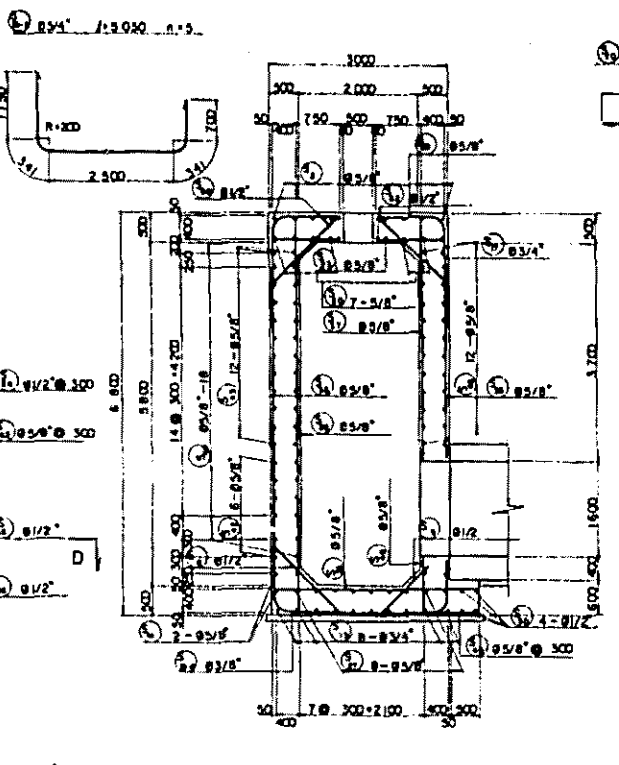
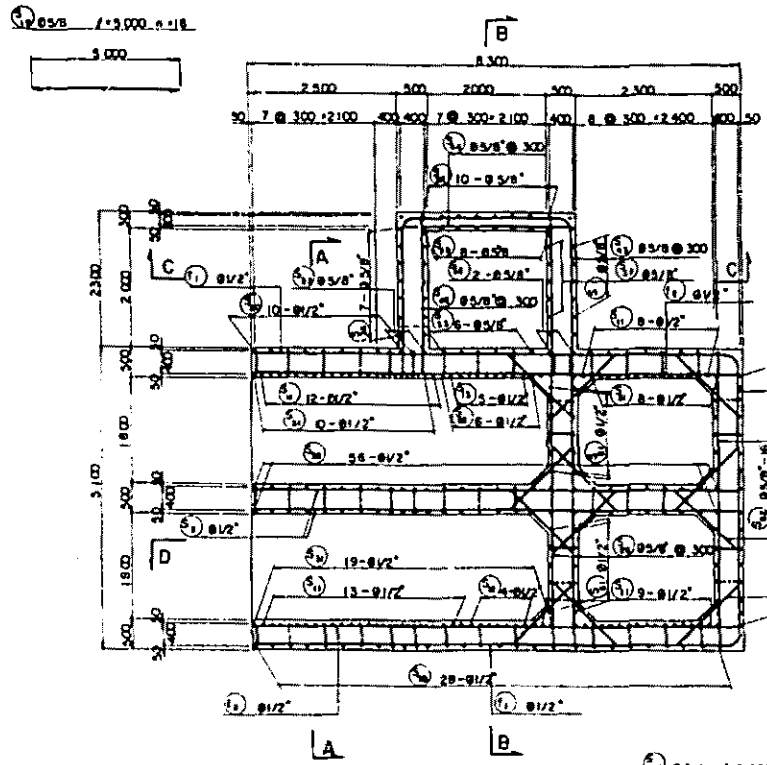
DETALHE DAS ARMATURAS DA CAIXA DO CASA DE BOMBA (I)

JICA JAPAN INTERNATIONAL COOPERATION AGENCY	A-51
DESENHO	VTD DES/92
VERIFICACAO	DATA
APROVACAO	1:50
	ESCALA

PLANTA S+1.50

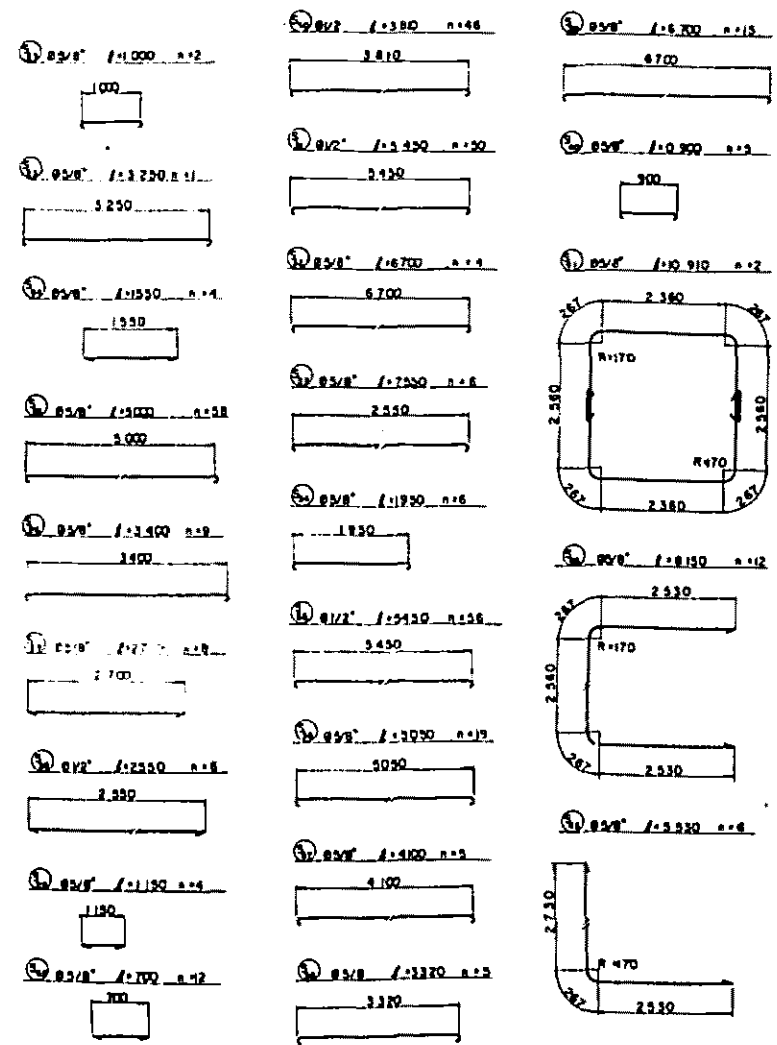
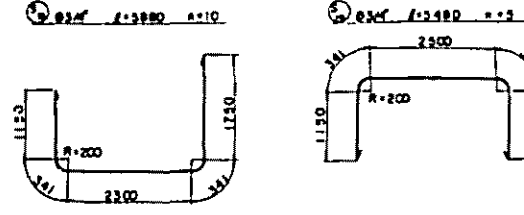
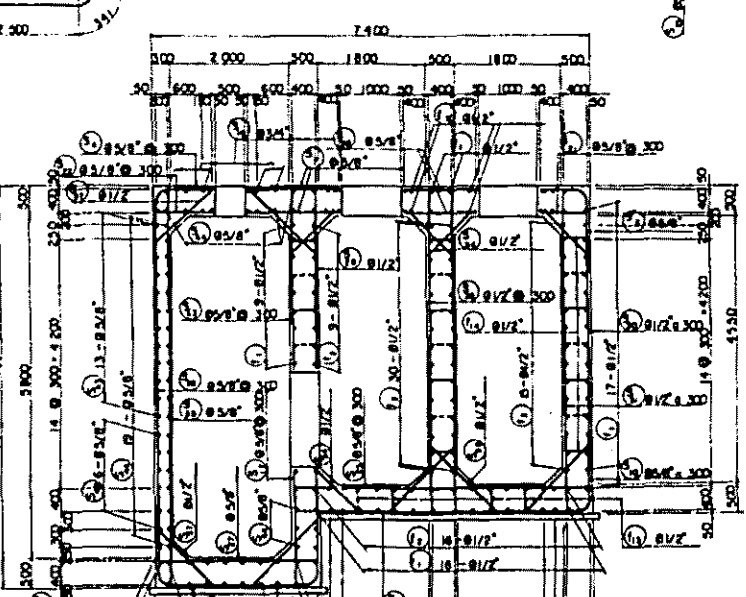
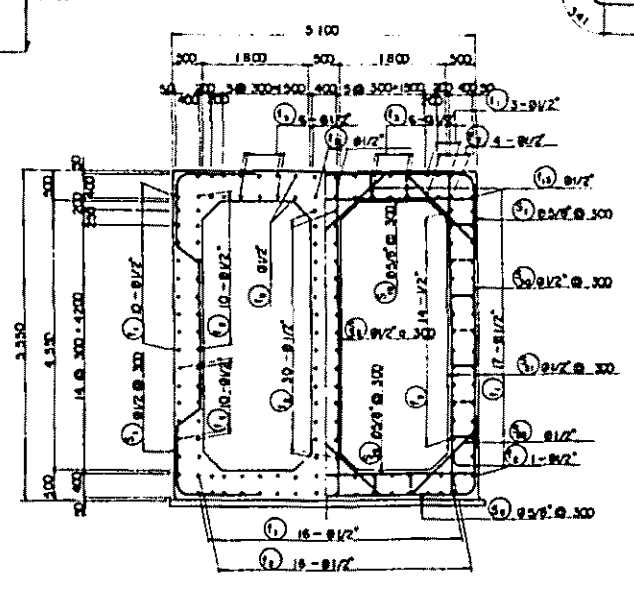
C - C S+1.50

D - D S+1.50



A - A S+1.50

B - B S+1.50



CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA

DATEALHE DAS ARMADURAS CAIXA DO CASA DE BOMBA (2)

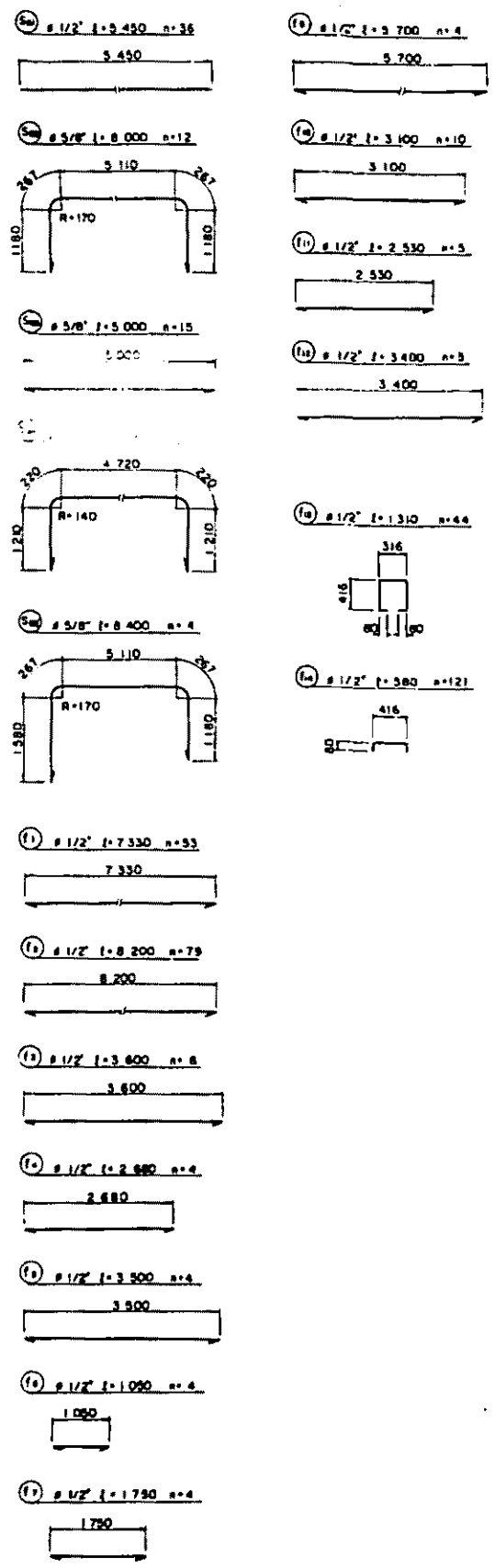
JICA JAPAN INTERNATIONAL COOPERATION AGENCY A-52

DESIGNHO DATA MODO DESENHO

VERIFICAO DATA

APROVACAO DATA

1:50 ESCALA



QUANTIDADE DE ARMADURA

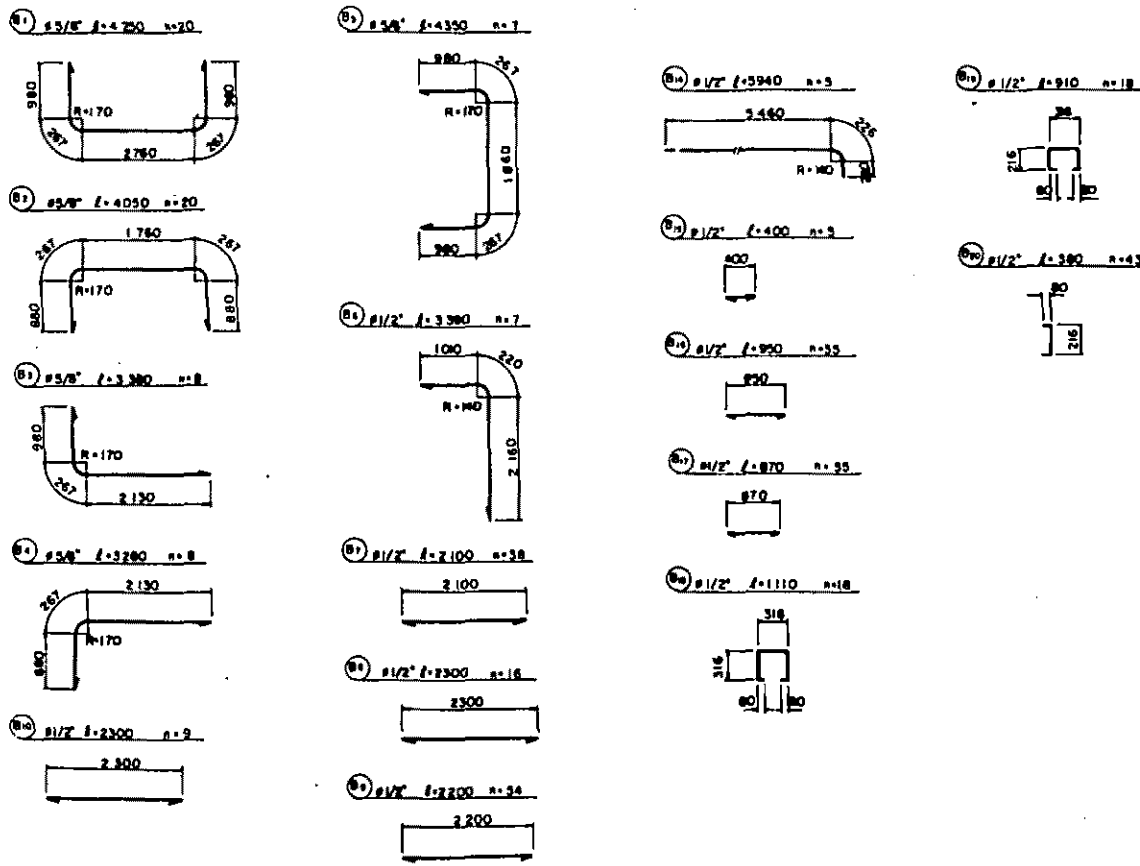
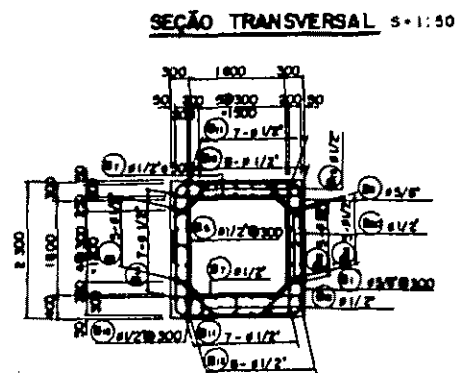
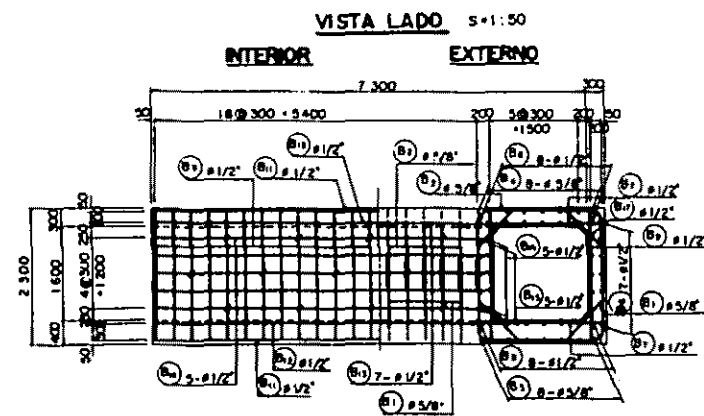
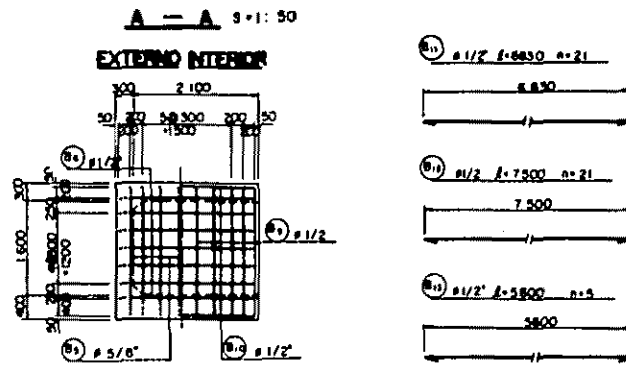
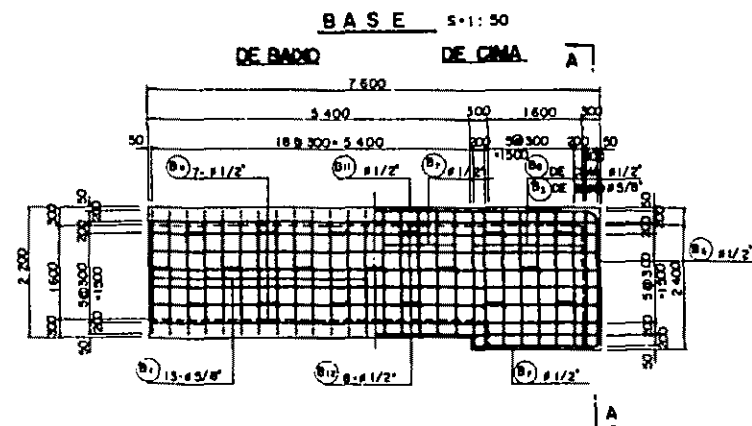
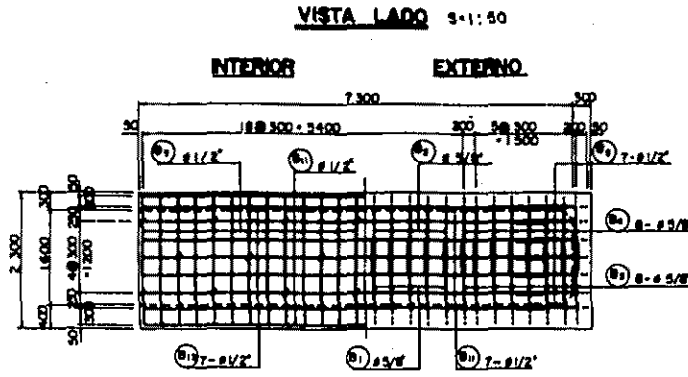
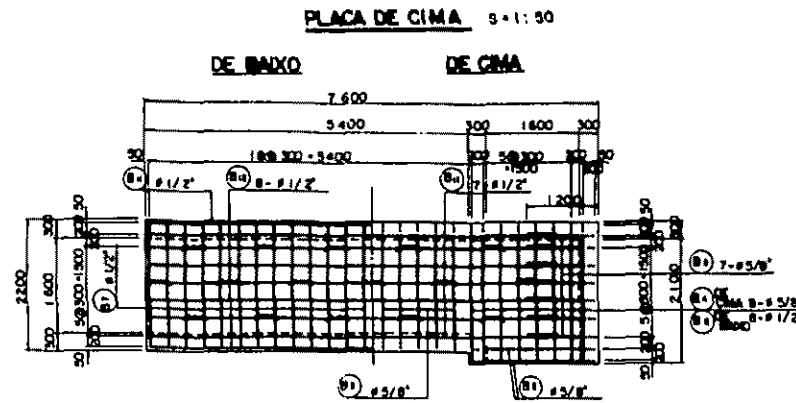
POS	#	COMPRIMENTO (m)	JUNTA		GANCHO		C. TOTAL	PESO UN. (kg)	QUANT.	PESO (kg)	OBSERVAÇÃO
			COMP. (m)	NUM.	COMP. (m)	NUM.					
1	# 1/2" x 5.450 n=36	5.450									
2	# 1/2" x 5.700 n=4	5.700									
3	# 5/8" x 8.000 n=12	8.000									
4	# 1/2" x 3.100 n=10	3.100									
5	# 1/2" x 2.530 n=5	2.530									
6	# 5/8" x 5.000 n=15	5.000									
7	# 1/2" x 3.400 n=3	3.400									
8	# 1/2" x 1.310 n=44	1.310									
9	# 5/8" x 8.400 n=4	8.400									
10	# 1/2" x 5.80 n=121	5.80									
11	# 1/2" x 7.330 n=53	7.330									
12	# 1/2" x 8.200 n=79	8.200									
13	# 1/2" x 3.600 n=8	3.600									
14	# 1/2" x 2.680 n=4	2.680									
15	# 1/2" x 3.300 n=4	3.300									
16	# 1/2" x 1.090 n=4	1.090									
17	# 1/2" x 1.750 n=4	1.750									
18	# 5/8" x 8.000 n=12	8.000									
19	# 1/2" x 7.330 n=53	7.330									
20	# 1/2" x 8.200 n=79	8.200									

1	# 1/2" x 3.600			0.123	2	0.246	3.846	3.999	12	47.99	
2	# 1/2" x 2.680						2.928	3.043	4	12.17	
3	# 5/8" x 8.000						3.744	3.899	4	15.38	
4	# 1/2" x 3.100						1.296	1.347	4	5.39	
5	# 1/2" x 2.530						1.896	2.075	4	8.30	
6	# 5/8" x 5.000						5.848	6.183	4	24.73	
7	# 1/2" x 3.400										
8	# 1/2" x 1.310			0.123	2	0.246	3.346	3.479	10	34.78	
9	# 5/8" x 8.400						2.776	2.887	5	14.44	
10	# 1/2" x 5.80						3.448	3.791	5	18.98	
11	# 1/2" x 7.330						1.310	1.382	44	59.93	
12	# 1/2" x 8.200						0.580	0.605	121	72.88	
TOTAL										7494.52	7.694

CENTRO DE DESENVOLVIMENTO AGRICOLA
DO VALE DO RIBEIRA

**DETALHE DAS ARMADURAS DA CAIXA DO
CASA DE BOMBA (3)**

JICA	JAPAN INTERNATIONAL COOPERATION AGENCY	A-53
DESENHO	DATA	MDO DESENHO
VERIFICACAO		
APROVACAO		ESCALA



QUANTIDADE DE ARMADURA

POS	#	COMPRIMENTO (m)	JUNTA		GANCHO		COMPR. TOTAL (m)	PESO UNI (kg)	QUANT.	PESO (kg)	OBSERVAÇÃO
			NUM. TOTAL	LONG. (m)	NUM. TOTAL	LONG. (m)					
	1	4.250			0.133	2	0.266	4.516	7.135	20	142.70
	2	4.050						4.318	6.819	20	136.38
	3	3.380						3.648	5.780	8	46.28
	4	3.280						3.548	5.602	8	44.82
	5	4.350						4.618	7.293	7	51.05
	6	3.380			0.123	2	0.246	3.636	5.781	7	28.47
	7	2.100						2.346	2.439	38	92.68
	8	2.300						2.545	2.647	16	42.35
	9	2.200						2.446	2.543	54	137.32
	10	2.300						2.548	2.647	9	23.82
	11	6.830						7.078	7.339	21	156.94
	12	7.300						7.768	8.029	21	169.16
	13	3.800						3.848	6.079	5	30.40
	14	3.840						3.888	6.432	5	32.17
	15	4.00						0.646	0.671	5	3.36
	16	930						1.216	1.284	55	69.92
	17	870						1.138	1.181	55	64.96
	18	1.110						1.110	1.154	18	20.77
	19	910						0.910	0.946	18	17.03
	20	3.80						0.380	0.392	43	16.99
TOTAL										1322 ⁸ 57 + 1 ¹ 323	

CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA

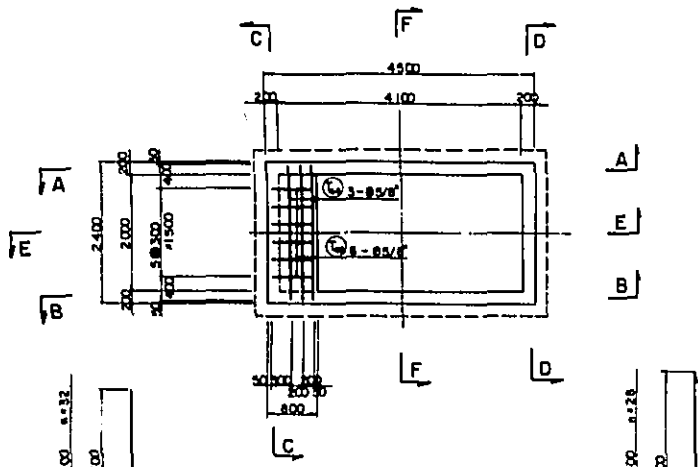
DETALHE DAS ARMADURAS DA TUBO DE DESCARGA USUAL

JICA JAPAN INTERNATIONAL COOPERATION AGENCY A-54

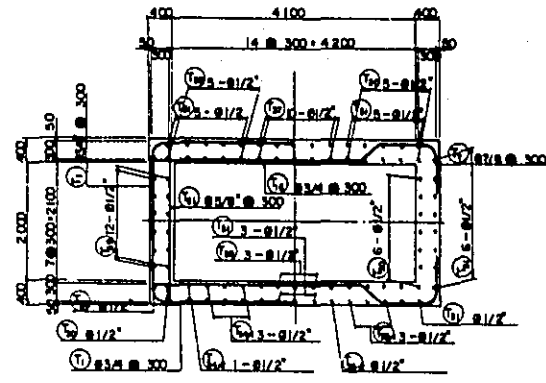
DESENHO: _____ DATA: _____ N^o DO DESENHO: _____

APROVAÇÃO: _____ ESCALA: 1:50

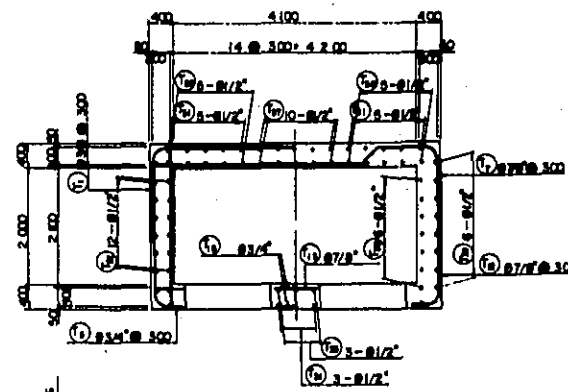
PLANTA S=1:50



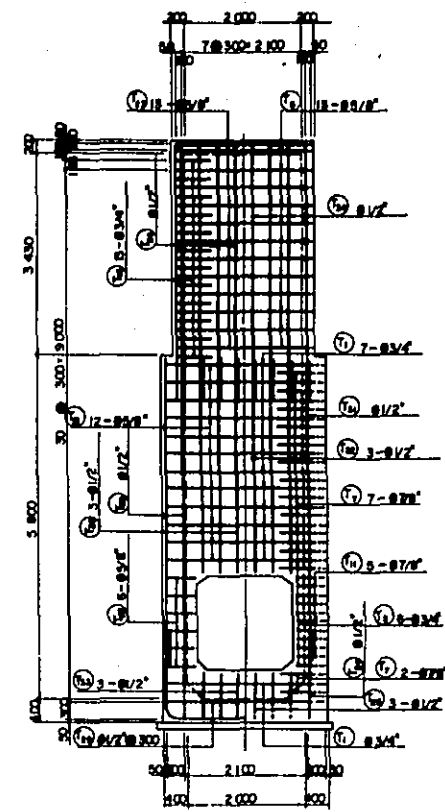
G - G S=1:50



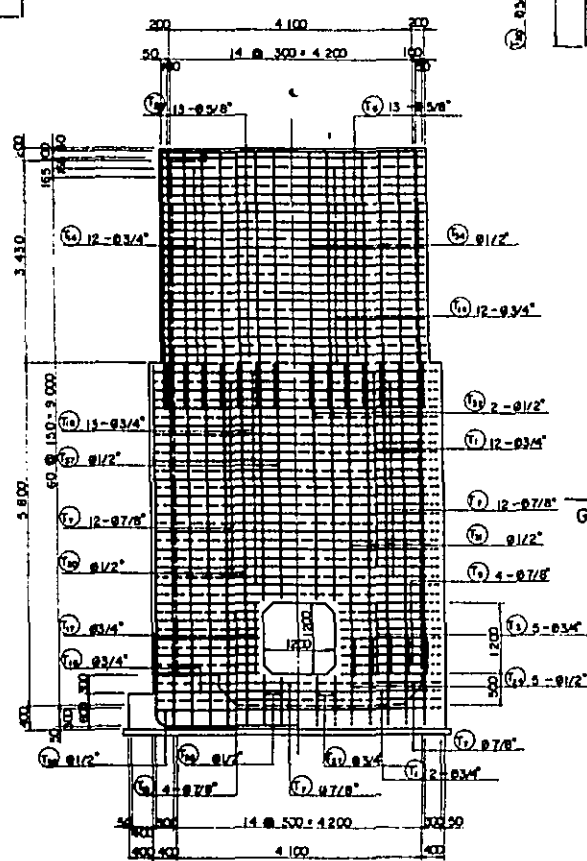
H - H S=1:50



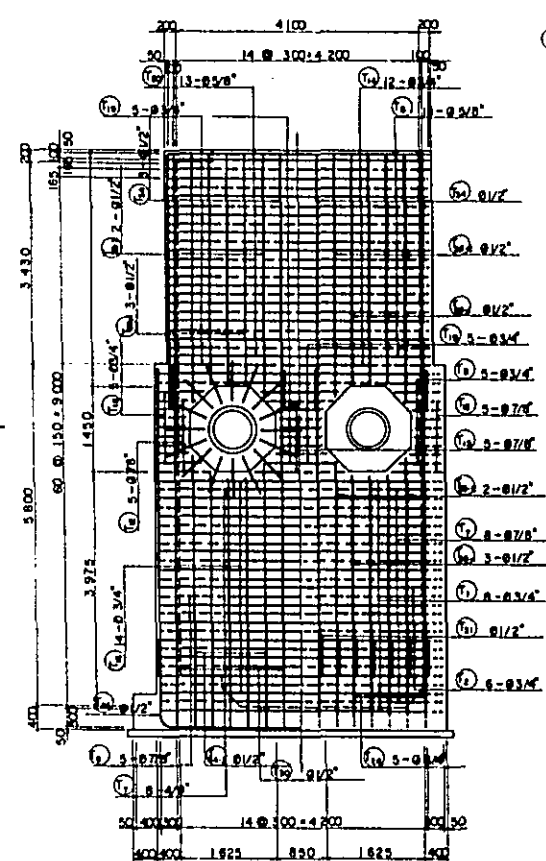
C - C S=1:50
INTERIOR EXTERNO



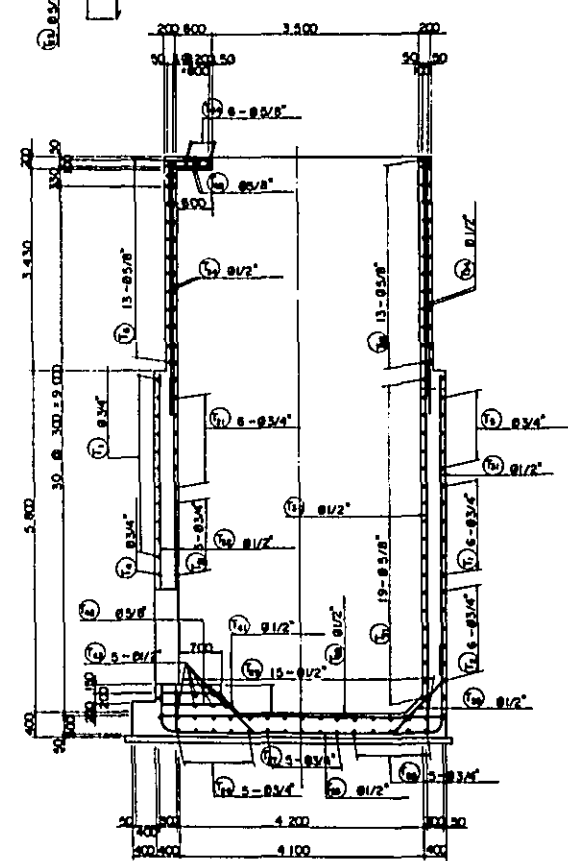
A - A S=1:50
INTERIOR EXTERNO



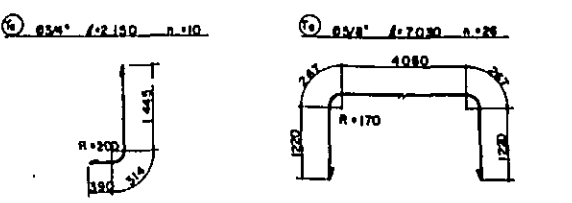
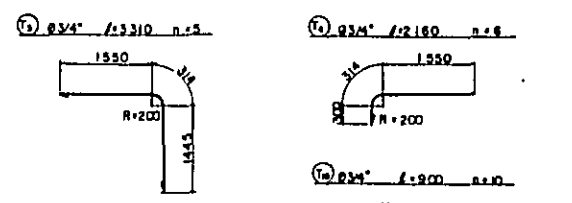
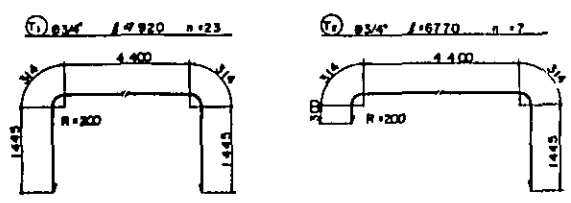
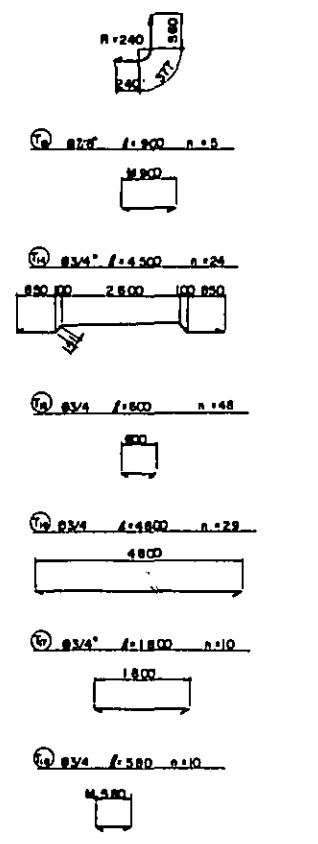
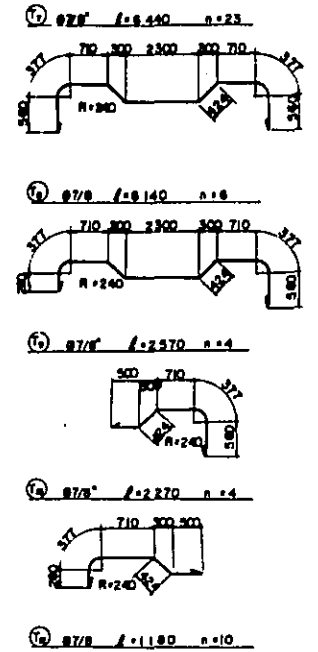
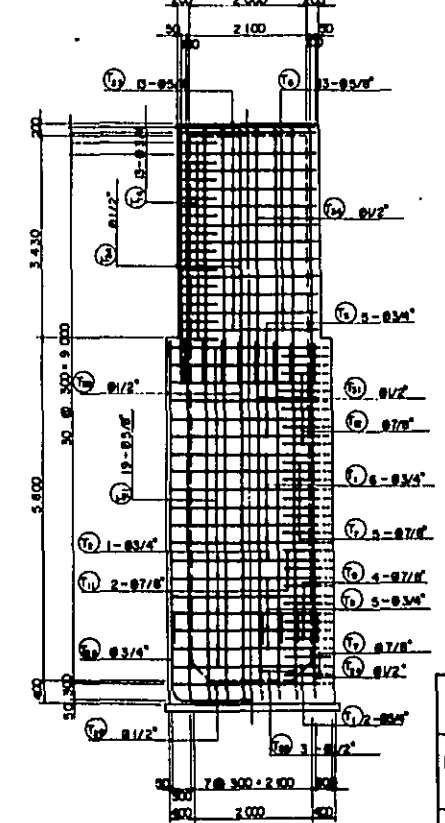
B - B S=1:50
INTERIOR EXTERNO



E - E S=1:50



D - D S=1:50
INTERIOR EXTERNO



CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA

DETALHE DAS ARMADURAS DA CAIXA DE ELEVACAO. (1)

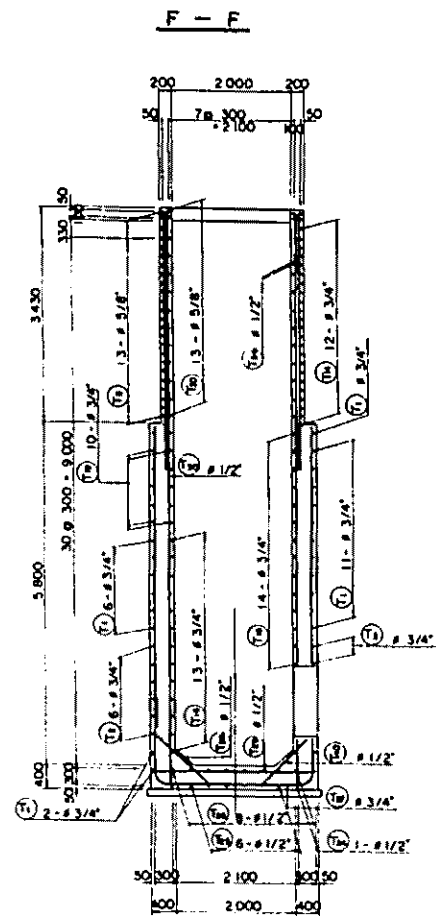
JICA JAPAN INTERNATIONAL COOPERATION AGENCY A-55 N.º DO PROJETO

DESIGNO DATA

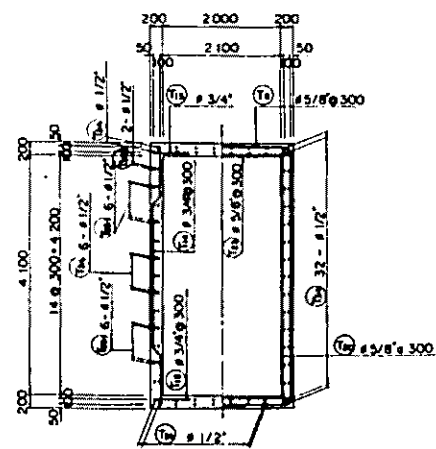
VERIFICACAO

APROVACAO

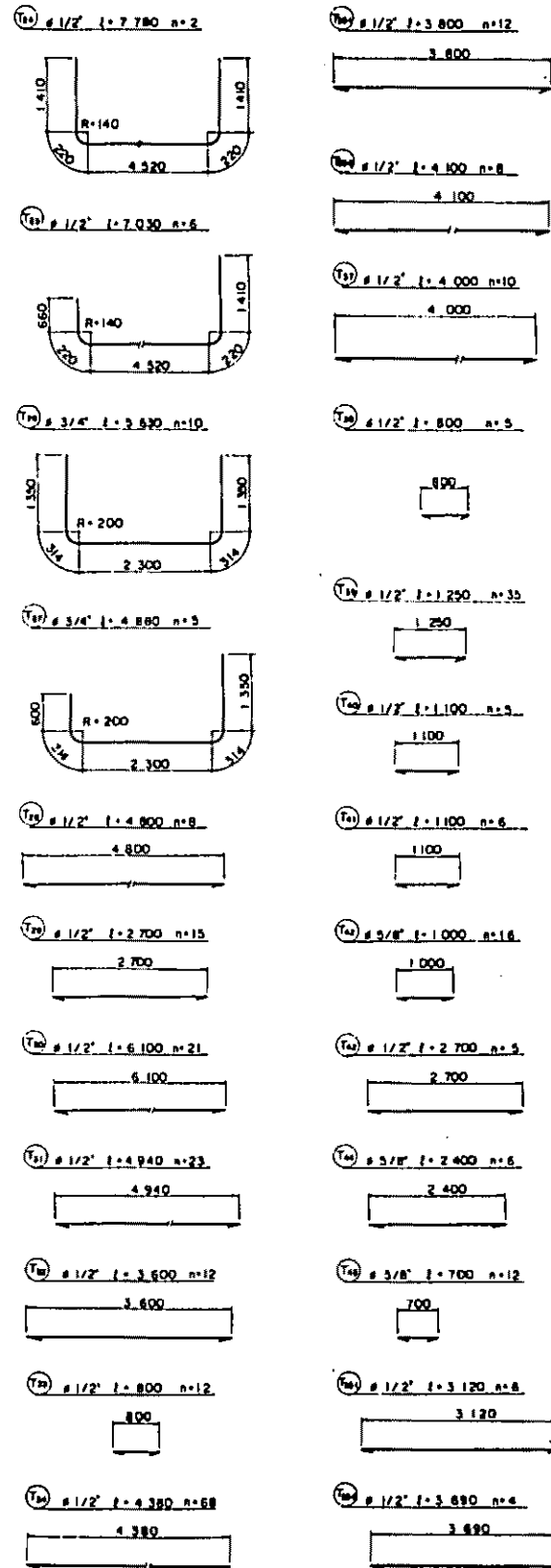
1:50 ESCALA



F - F



I - I



QUANTIDADE DE ARMADURA												
POS	#	COMPRIMENTO (m)	JUNTA		GANCHO		COMPR TOTAL (m)	PESO UN. (kg)	QUANT.	PESO (kg)	OBSERVAÇÃO	
			COMPR. (m)	C.TOTAL (m)	COMPR. (m)	C.TOTAL (m)						
(T1)	#3/4"	7.920			0.162	2	0.324	8.244	18.384	23	422.83	
(T2)	"	6.770			"	"	"	7.084	15.820	9	110.74	
(T3)	"	3.310			"	"	"	3.634	8.104	5	40.52	
(T4)	"	2.160			"	"	"	2.484	5.539	6	33.23	
(T5)	"	2.190			"	"	"	2.474	5.517	10	55.17	
(T6)	#5/8"	7.030			0.153	2	0.306	7.296	11.528	26	299.73	
(T7)	#7/8"	6.440			0.182	2	0.364	6.804	20.276	23	466.35	
(T8)	"	6.140			"	"	"	6.804	19.382	6	116.29	
(T9)	"	2.570			"	"	"	2.934	8.743	4	34.97	
(T10)	"	2.270			"	"	"	2.634	7.849	4	31.40	
(T11)	#7/8"	1.180			0.182	2	0.364	1.544	4.601	10	46.01	
(T12)	"	900			"	"	"	1.264	3.767	5	18.64	
(T13)	#3/4"	4.500			0.182	2	0.364	4.824	9.552	24	229.25	
(T14)	"	600			"	"	"	0.924	1.830	48	87.84	
(T15)	"	4.800			"	"	"	5.124	10.146	29	294.23	
(T16)	"	1.800			"	"	"	2.124	4.206	10	42.06	
(T17)	"	580			"	"	"	0.904	1.790	10	17.90	
(T18)	"	900			"	"	"	1.224	2.424	10	24.24	
(T19)	#5/8"	4.400			0.133	2	0.266	4.666	7.372	26	191.67	
(T20)	"	2.700			"	"	"	2.966	4.686	32	149.95	
(T21)	"	500			"	"	"	0.766	1.210	12	14.52	
(T22)	"	2.300			"	"	"	2.566	4.054	26	105.40	
(T23)	#1/2"	7.780			0.123	2	0.246	8.026	8.347	2	16.69	
(T24)	"	7.030			"	"	"	7.276	7.567	6	45.40	
(T25)	#3/4"	5.630			0.162	2	0.324	5.954	11.789	10	117.89	
(T26)	"	4.880			"	"	"	5.204	10.304	5	51.52	
(T27)	#1/2"	4.800			0.123	2	0.246	5.046	5.246	8	41.98	
(T28)	"	2.700			"	"	"	2.946	3.064	15	45.96	
(T29)	"	6.100			"	"	"	6.346	6.600	21	133.27	
(T30)	"	4.940			"	"	"	5.186	5.393	23	124.04	
(T31)	"	3.600			"	"	"	3.846	4.000	12	48.00	
(T32)	"	800			"	"	"	1.046	1.088	12	13.06	
(T33)	"	4.380			"	"	"	4.626	4.811	68	327.15	
(T34)	"	4.280			"	"	"	4.526	4.707	6	28.24	
(T35)	"	4.800			"	"	"	5.046	5.288	4	20.99	
(T36)	"	3.120			"	"	"	3.366	3.501	6	21.01	
(T37)	"	3.690			"	"	"	3.936	4.093	4	16.37	
(T38)	"	3.800			"	"	"	4.046	4.208	12	50.50	
(T39)	"	4.100			"	"	"	4.346	4.520	8	36.16	
(T40)	"	4.000			"	"	"	4.246	4.416	10	44.16	
(T41)	"	800			"	"	"	1.046	1.088	5	5.44	
(T42)	#1/2"	1.250			"	"	"	1.496	1.556	35	54.46	
(T43)	"	1.100			"	"	"	1.346	1.812	5	7.25	
(T44)	"	1.100			"	"	"	1.346	1.812	6	10.87	
(T45)	#5/8"	1.000			0.133	2	0.266	1.266	2.000	16	32.00	
(T46)	#1/2"	2.700			0.123	2	0.246	2.946	3.965	5	19.83	
(T47)	#5/8"	2.400			0.133	2	0.266	2.666	4.212	6	25.27	
(T48)	"	700			"	"	"	0.966	1.526	12	18.31	
(T49)	#1/2"	750			0.123	2	0.246	0.996	1.341	32	42.91	
TOTAL									4.231.87	4.232		

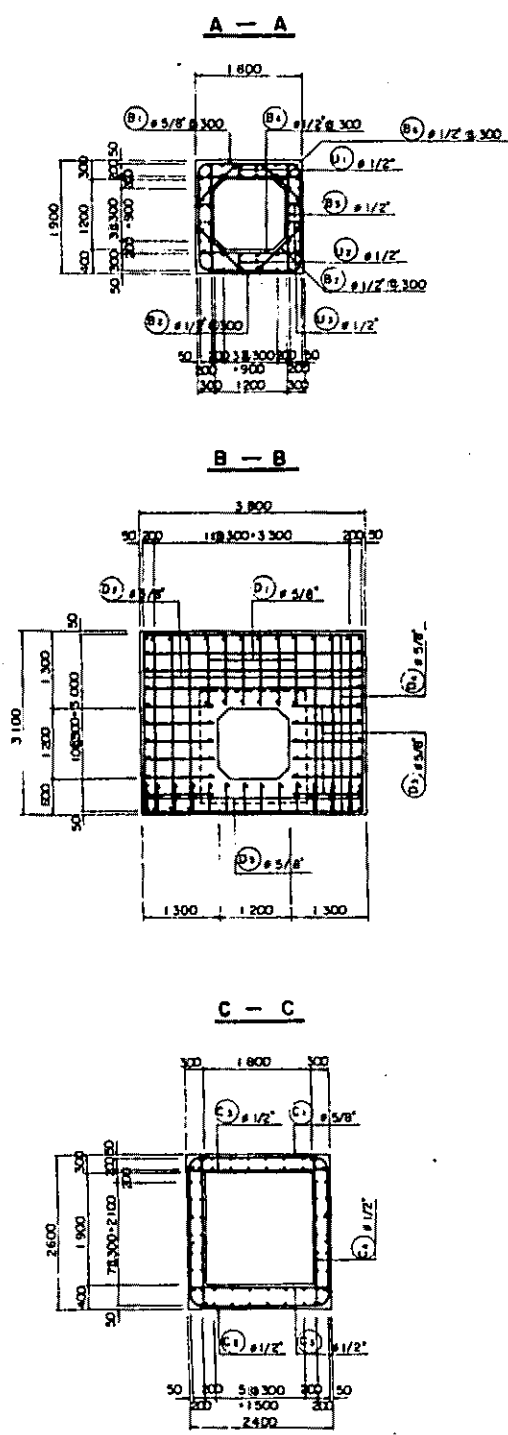
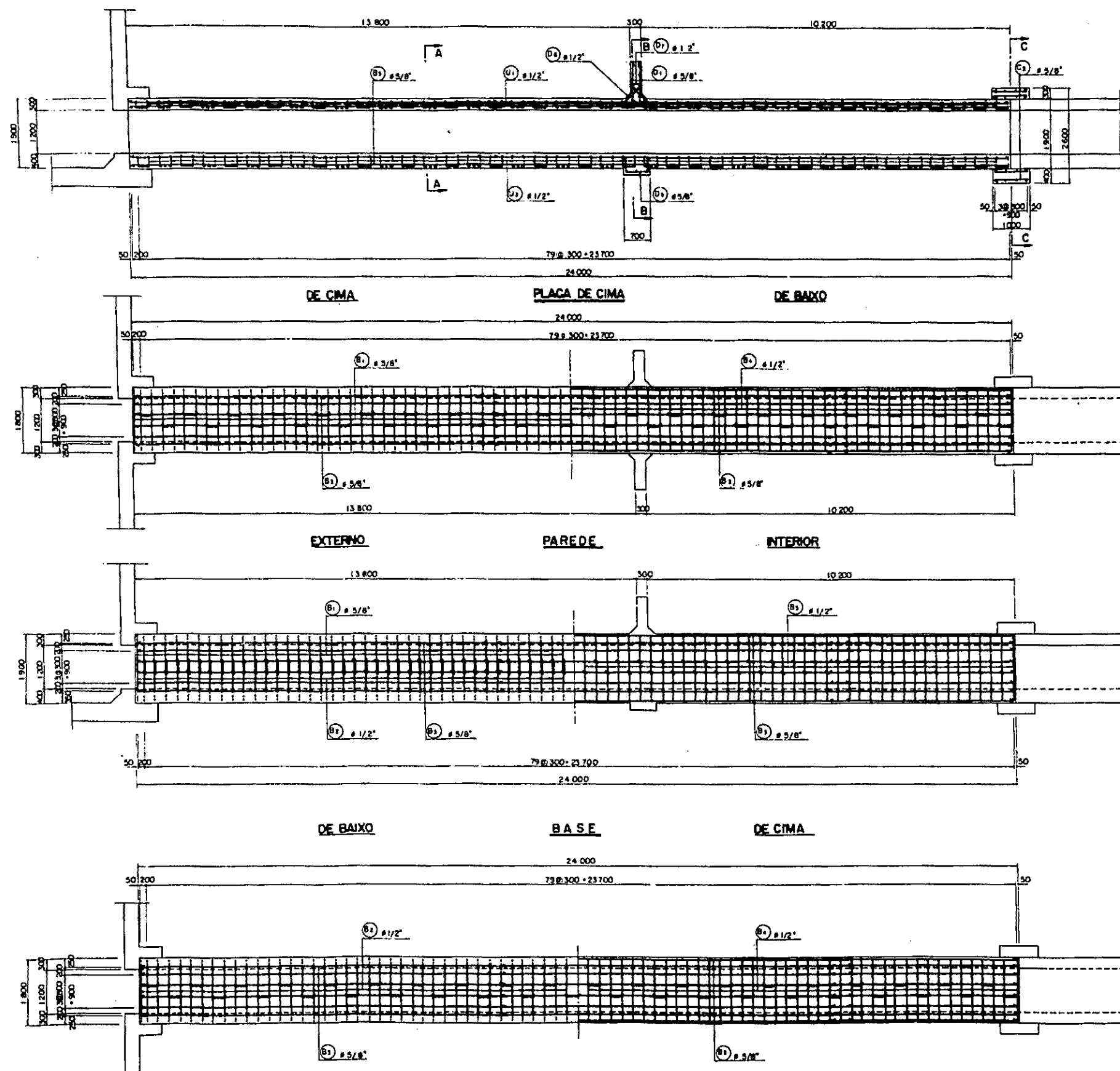
CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA

DETALHE DAS ARMADURAS DA CAIXA DE ELEVACAO (2)

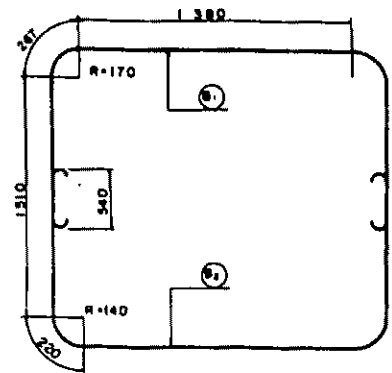
JICA JAPAN INTERNATIONAL COOPERATION AGENCY A-56
 N.º DO DESENHO

DESENHO: _____ DATA: _____
 VERIFICACAO: _____
 APROVACAO: _____ ESCALA: 1:50

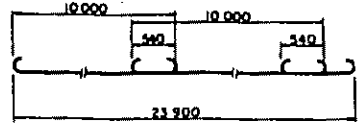
SEÇÃO LONGITUDINAL



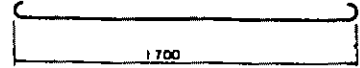
CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA	
DETALHE DAS ARMADURAS DA TUBO DE DESCARGA (1)	
JICA JAPAN INTERNATIONAL COOPERATION AGENCY	A-57
DESENHO	DATA
VERIFICAÇÃO	
APROVAÇÃO	ESCALA



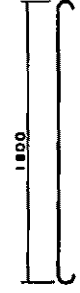
01) # 5/8" L=4224 N=81
02) # 1/2" L=4108 N=81



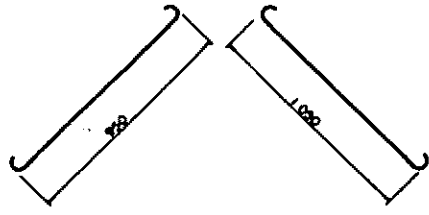
03) # 5/8" L=24698 N=44



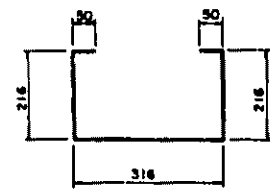
04) # 1/2" L=1946 N=152



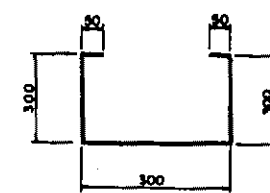
05) # 1/2" L=2046 N=182



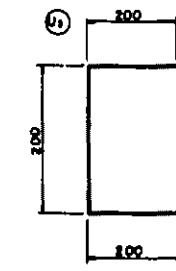
06) # 1/2" L=1196 N=182
07) # 1/2" L=1296 N=182



08) # 1/2" L=858 N=40



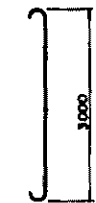
09) # 1/2" L=1000 N=40



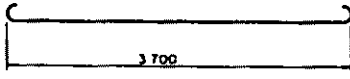
10) # 1/2" L=800 N=88



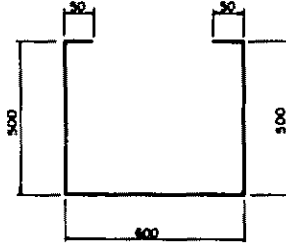
11) # 5/8" L=1498 N=12



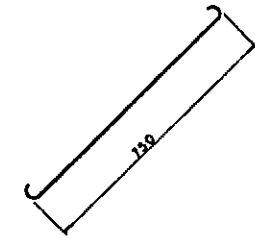
12) # 5/8" L=3286 N=16



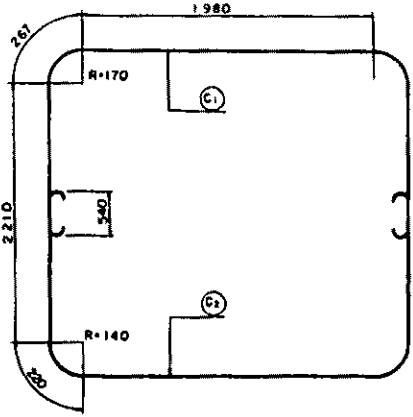
13) # 5/8" L=3966 N=11



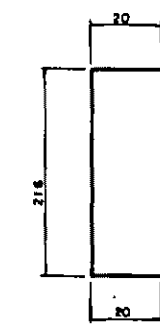
14) # 5/8" L=1700 N=14



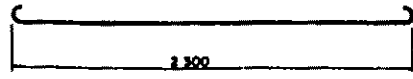
15) # 1/2" L=996 N=32



16) # 5/8" L=5526 N=4
17) # 5/8" L=5428 N=4



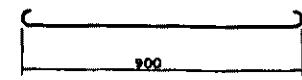
18) # 1/2" L=238 N=8



19) # 1/2" L=2848 N=8



20) # 1/2" L=2796 N=8



21) # 5/8" L=1166 N=80

QUANTIDADE DE ARMADURA									
POS	#	COMPRI. (m)	JUNTA	LANCHO	C.TOTAL (m)	PESO UN (kg)	QUANT.	PESO (kg)	OBSERVAÇÃO
B.1	# 5/8"	3964		133 2 266	4 230	6.693	81	541.323	
2	# 1/2"	3.870		123 2 246	4.116	4.281	81	546.781	
3	# 5/8"	23.900	540 2 (1080)	133 6 798	25.778	40.728	44	1792.078	
4	# 1/2"	1.700		123 2 246	1.946	2.024	182	367.888	
5	# 1/2"	1.800			2.046	2.128	182	384.736	
6	# 1/2"	950			1.196	1.244	182	207.288	
7	# 1/2"	1.050			1.296	1.348	182	218.378	
372.888									
# 5/8" = 2333.398			# 1/2" = 1439.289						
U.1	# 1/2"	848			848	0.881	40	35.240	
2	# 1/2"	1.000			1.000	1.040	40	41.600	
3	# 1/2"	600			600	0.624	156	98.288	
175.132									
D.1	# 5/8"	1.200		133 2 266	1.466	2.316	12	27.792	
2	# 5/8"	3.000			3.286	5.160	16	82.560	
3	# 5/8"	1.200			1.486	2.316	24	55.584	
4	# 5/8"	3.700			3.986	6.788	11	88.668	
5	# 5/8"	1.700			1.700	2.686	14	37.604	
6	# 1/2"	750		123 2 246	996	1.036	32	33.152	
7	# 1/2"	256			256	0.266	8	2.128	
307.746									
# 5/8" = 272.466			# 1/2" = 35.280						
C.1	# 5/8"	5.264		133 2 266	5.530	8.737	4	34.948	
2	# 5/8"	5.170			5.436	8.588	4	34.352	
3	# 1/2"	2.300		123 2 246	2.546	2.648	6	21.184	
4	# 1/2"	2.500			2.746	2.856	8	22.848	
5	# 5/8"	900		133 2 266	1.166	1.842	60	110.520	
223.856									
# 5/8" = 179.824			# 1/2" = 44.032						

CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA

DETALHE DAS ARMADURAS DA TUBO DE DESCARGA (2)

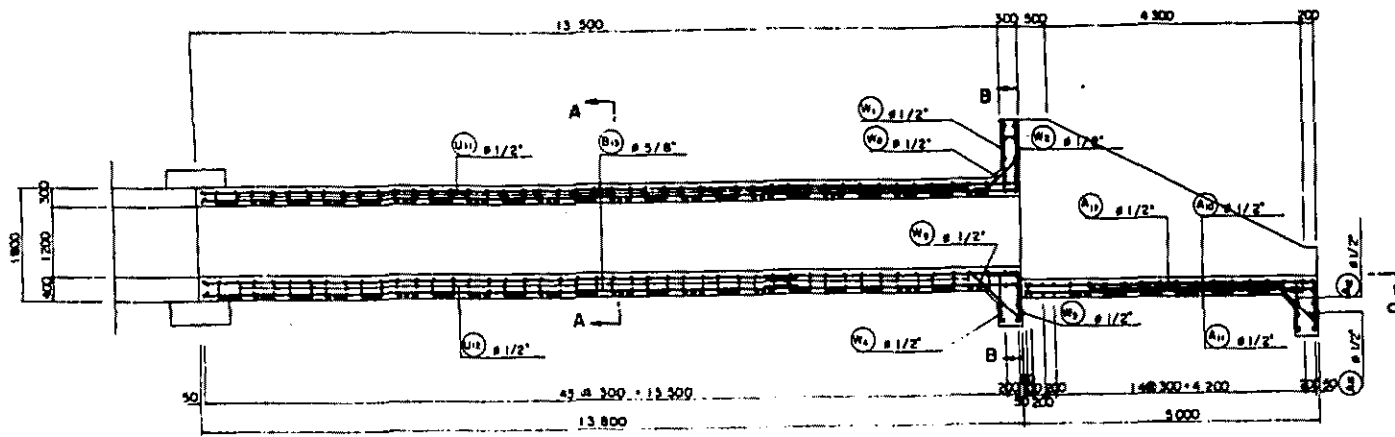
JICA JAPAN INTERNATIONAL COOPERATION AGENCY A-98

DESENHO: _____ DATA: _____ N.º DO DESENHO: _____

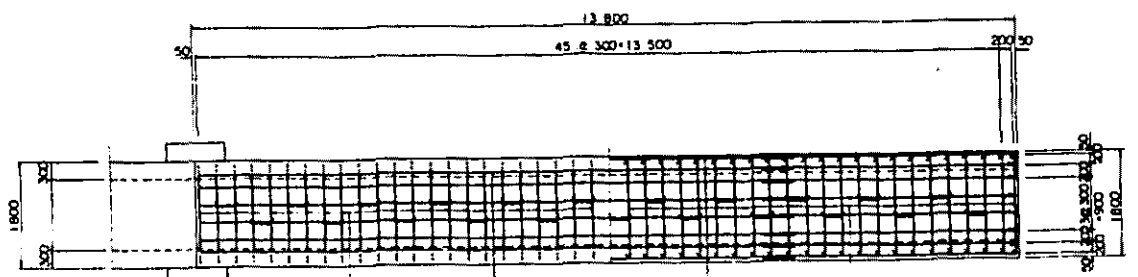
VERIFICAÇÃO: _____

ESCALA: _____

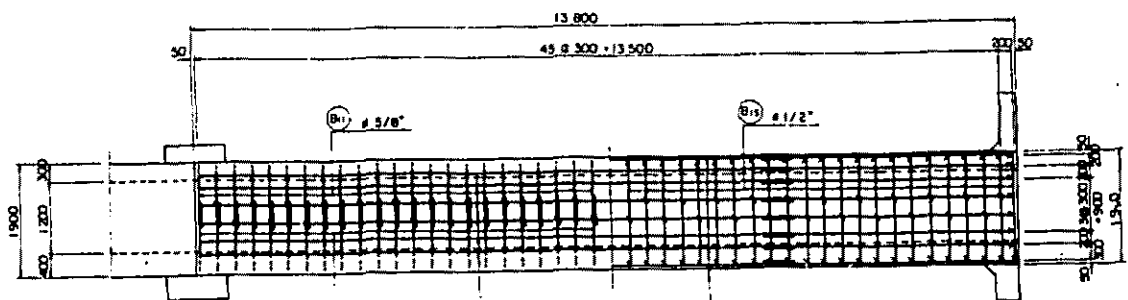
SEÇÃO LONGITUDINAL
5:1:50



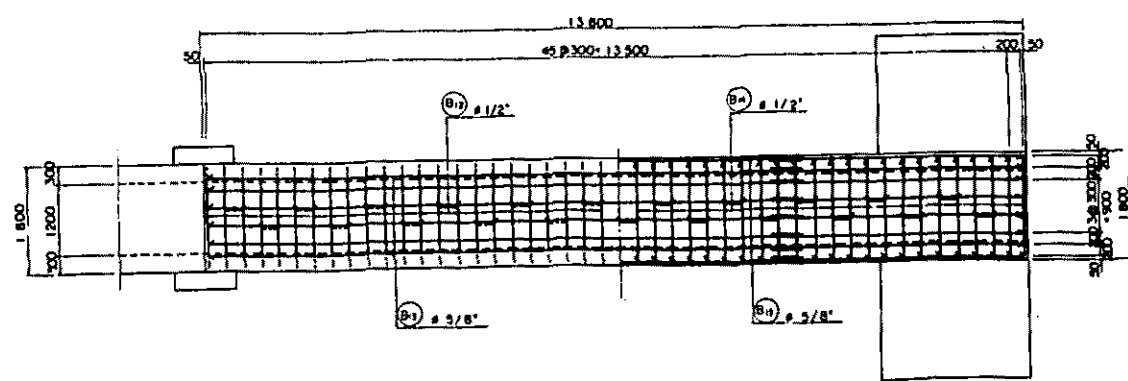
DE CIMA PLACA DE CIMA DE BAIXO



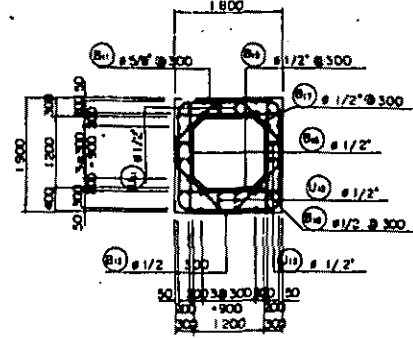
EXTERNO PAREDE INTERIOR



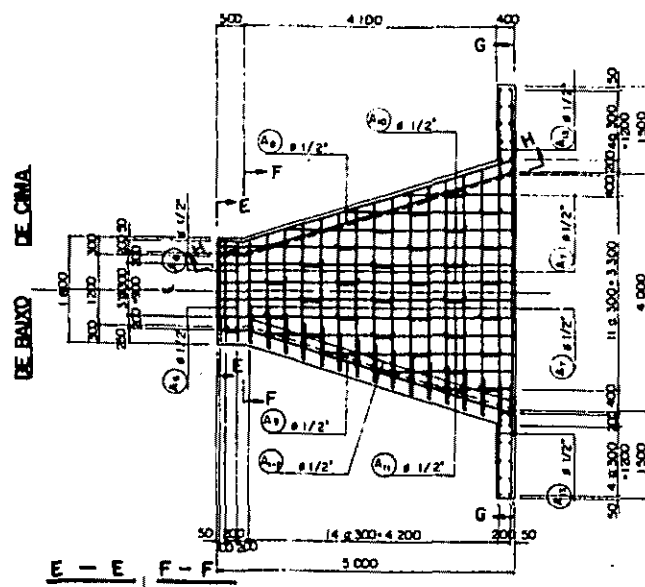
DE BAIXO BASE DE CIMA



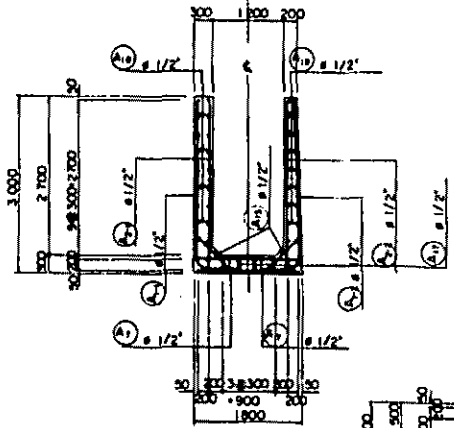
A - A
5:1:50



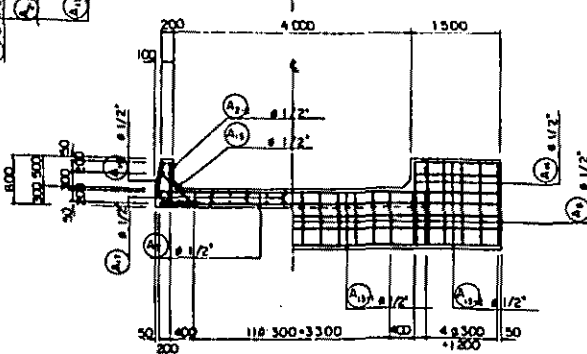
D - D
5:1:50



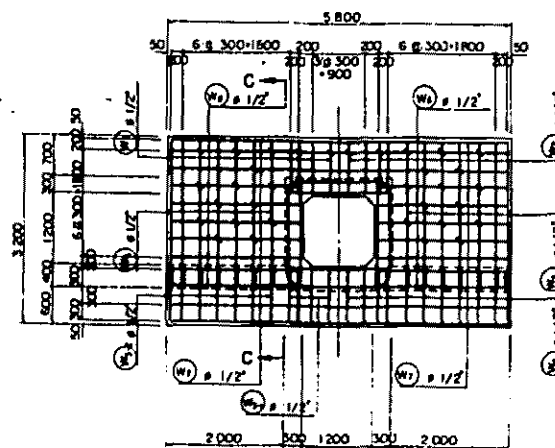
E - E
F - F



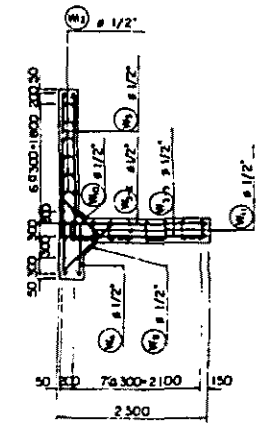
G - G



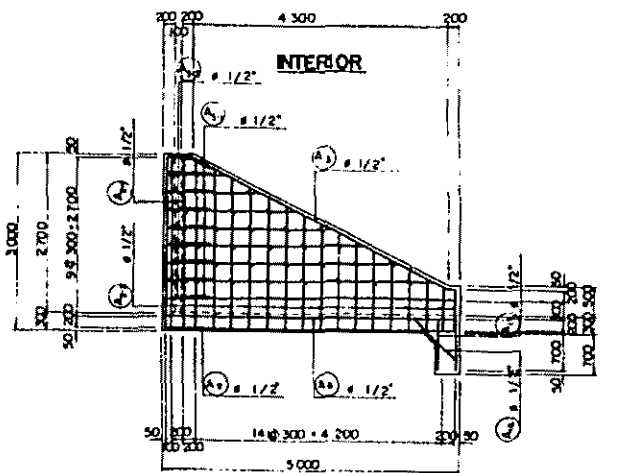
B - B
5:1:50



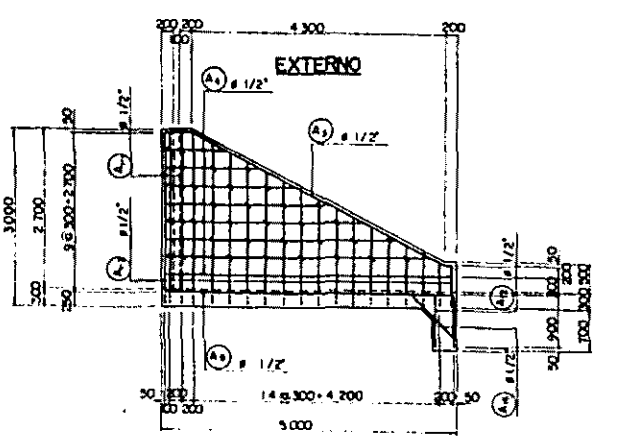
C - C
5:1:50



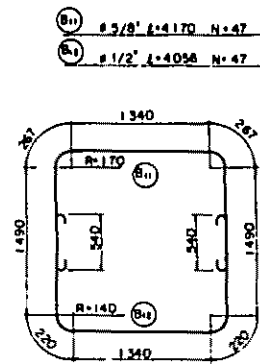
H - H



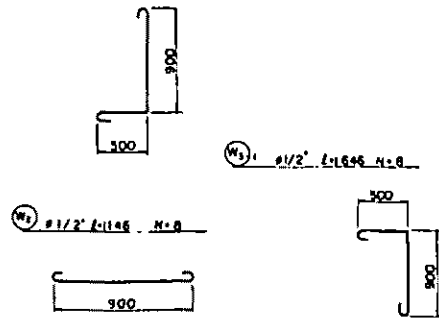
H - H



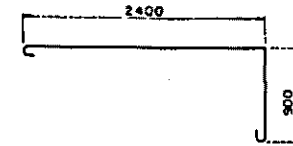
CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA	
DETALHE DAS ARMADURAS DA TUBO DE DESCARGA (3)	
JICA JAPAN INTERNATIONAL COOPERATION AGENCY	A-59
DESENHO	DATA
VERIFICACAO	APROVACAO
Nº DO DESENHO 1:50	
ESCALA	



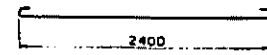
B1) # 3/8" L=1170 N=47
B2) # 1/2" L=4058 N=47



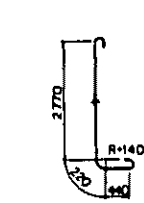
B3) # 1/2" L=3346 N=16



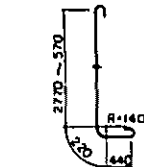
B4) # 1/2" L=2648 N=14



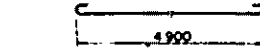
B5) # 1/2" L=3676 N=6



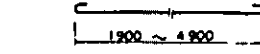
B6) # 1/2" L=2278 N=32



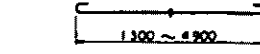
B7) # 1/2" L=5146 N=2



B8) # 1/2" L=3646 N=12



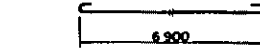
B9) # 1/2" L=5346 N=12



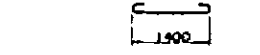
B10) # 1/2" L=1146 N=16



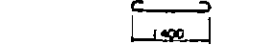
B11) # 1/2" L=7146 N=10



B12) # 1/2" L=1646 N=8



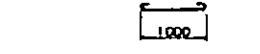
B13) # 1/2" L=2046 N=32



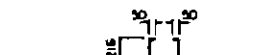
B14) # 1/2" L=1646 N=24



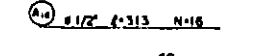
B15) # 1/2" L=1646 N=24



B16) # 1/2" L=946 N=38



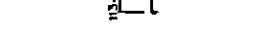
B17) # 1/2" L=1246 N=24



B18) # 1/2" L=524 N=30



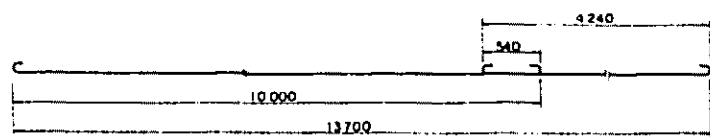
B19) # 1/2" L=313 N=16



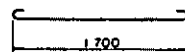
B20) # 1/2" L=263 N=54



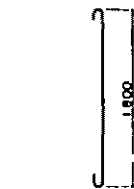
B13) # 3/8" L=4772 N=84



B14) # 1/2" L=1946 N=94



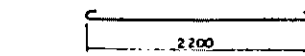
B15) # 1/2" L=2046 N=94



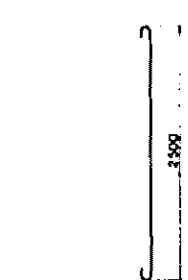
B16) # 1/2" L=1146 N=14



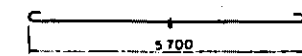
B17) # 1/2" L=2446 N=28



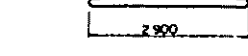
B18) # 1/2" L=2746 N=20



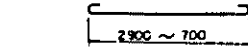
B19) # 1/2" L=5946 N=20



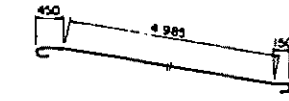
B20) # 1/2" L=3346 N=6



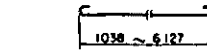
B21) # 1/2" L=2046 N=32



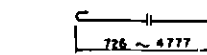
B22) # 1/2" L=5831 N=4



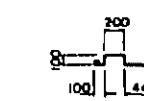
B23) # 1/2" L=3829 N=16



B24) # 1/2" L=2998 N=16



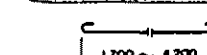
B25) # 1/2" L=1186 N=16



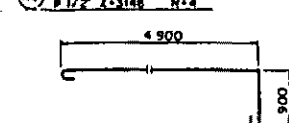
B26) # 1/2" L=1946 N=8



B27) # 1/2" L=3196 N=14



B28) # 1/2" L=3146 N=4



QUANTIDADE DE ARMADURA												
POS	#	L (m)	JUNTA		GANCHO		C. TOTAL (m)	PESO (kg)	Q. (kg)	OBSERVAÇÃO		
			COMP.	CONJ.	COMP.	CONJ.						
B1	# 3/8"	1170			133	2	286	4170	6.599	47		
B2	# 1/2"	4058			123	2	246	4058	4.218	47		
B3	# 1/2"	3346	540	1	540	133	4	232	14.772	29.340	44	
B4	# 1/2"	2648			123	2	246	2.024	2.024	94		
B5	# 1/2"	3676						2046	2.128	94		
B6	# 1/2"	2278						1.194	1.244	94		
B7	# 1/2"	5146						1.296	1.346	94		
									2168.922			
									# 3/8" = 1336.643			
B13	# 3/8"	4772						632	0.637	22		
B14	# 1/2"	1946						732	0.761	28		
B15	# 1/2"	2046						316	0.329	90		
									65.37			
B16	# 1/2"	1146			123	2	246	1.646	1.712	8		
B17	# 1/2"	2446						1.146	1.192	8		
B18	# 1/2"	2746						1.646	1.712	8		
B19	# 1/2"	5946						3.546	3.686	14		
B20	# 1/2"	3346						2.546	2.732	14		
B21	# 1/2"	2046						1.146	1.192	14		
B22	# 1/2"	5831						2.746	2.856	28		
B23	# 1/2"	3829						2.446	2.546	28		
B24	# 1/2"	2998						3.246	3.184	20		
B25	# 1/2"	1186						1.046	1.088	8		
B26	# 1/2"	1946						1.346	1.400	22		
B27	# 1/2"	3196						1.146	1.192	14		
B28	# 1/2"	3146						726	0.755	12		
B29	# 1/2"	5146						313	0.328	34		
									494.982			
B30	# 1/2"	4772			123	2	246	3.626	3.823	6		
B31	# 1/2"	2998						2.576	2.679	32		
B32	# 1/2"	2046						3.146	3.272	6		
B33	# 1/2"	5831						2.046	2.128	32		
B34	# 1/2"	3829						5.831	6.064	4		
B35	# 1/2"	2998						3.829	3.962	16		
B36	# 1/2"	1186						2.998	3.118	16		
B37	# 1/2"	1946						1.186	1.233	16		
B38	# 1/2"	3196						1.946	2.024	6		
B39	# 1/2"	3146						3.196	3.324	14		
B40	# 1/2"	5146						5.146	5.332	4		
B41	# 1/2"	3196						5.146	5.332	2		
B42	# 1/2"	3146						3.646	3.792	12		
B43	# 1/2"	5146						3.346	3.480	12		
B44	# 1/2"	900						1.146	1.192	16		
B45	# 1/2"	6900						7.146	7.432	10		
B46	# 1/2"	1400						1.646	1.712	8		
B47	# 1/2"	1400						1.646	1.712	24		
B48	# 1/2"	700						346	0.385	38		
B49	# 1/2"	1000						1.246	1.298	24		
B50	# 1/2"	632						632	0.637	30		
B51	# 1/2"	313						313	0.328	16		
B52	# 1/2"	263						263	0.274	34		
									789.628			

CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA

DETALHE DAS ARMA DURAS DA TUBO DE DESCARGA (4)

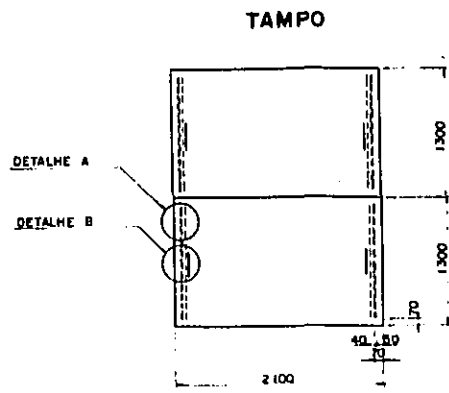
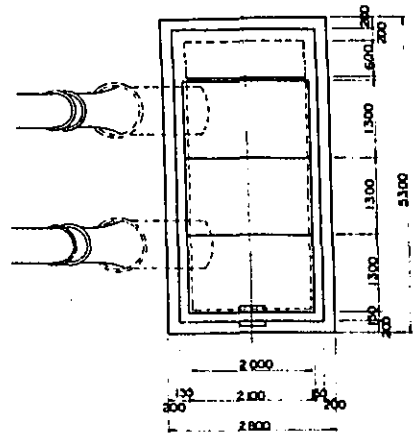
JICA JAPAN INTERNATIONAL COOPERATION AGENCY A-60 N° DO DESENHO

DESENHO DATA 1: 50 ESCALA

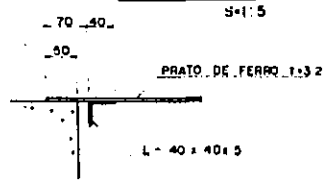
VERIFICACAO

APROVACAO

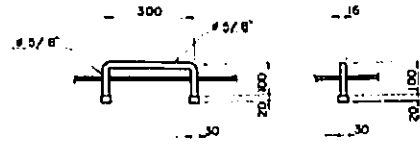
PLANTA DO CAIXA DE ELEVACAO
S=1:50



DETALHE A
S=1:5

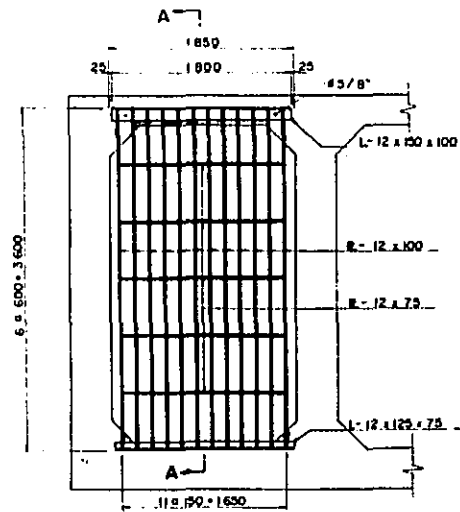


DETALHE B
S=1:10

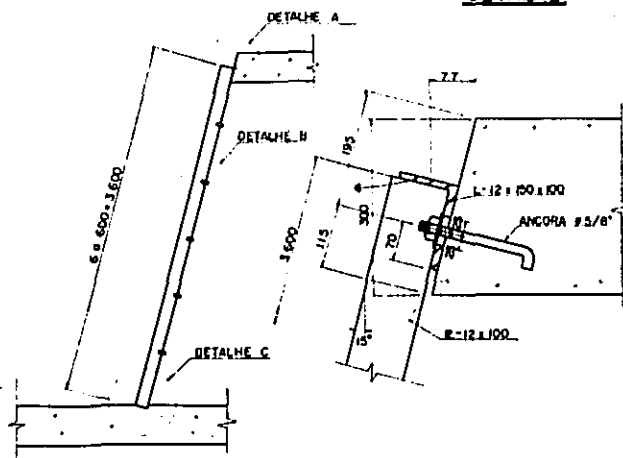


BIOMBA

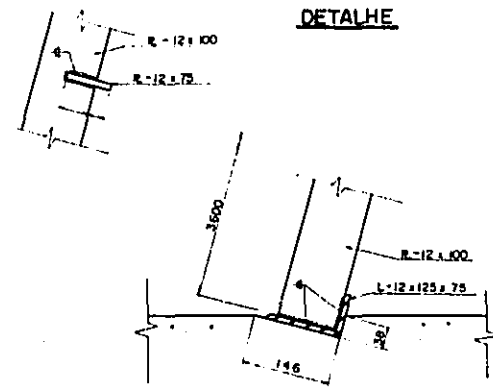
VISTA FRONTAL
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A - A



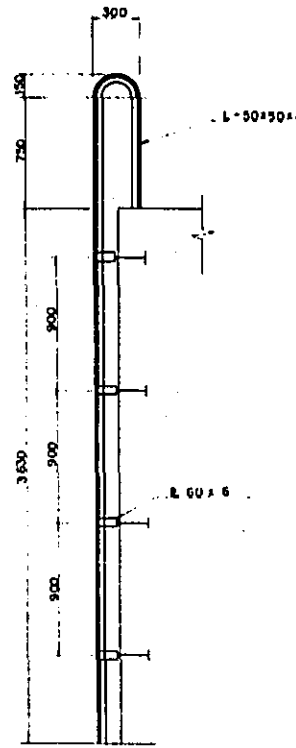
DETALHE



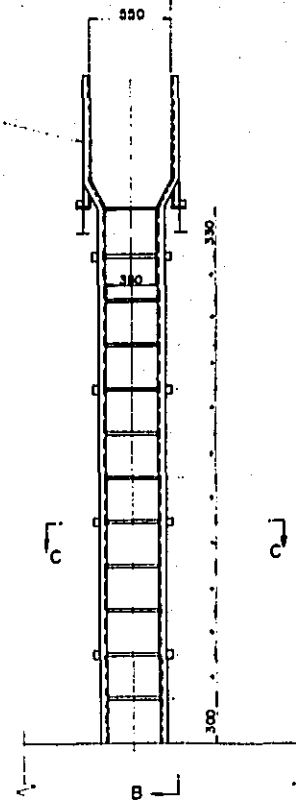
QUANTIDADE DE MATERIAIS

NOME	COMPRIMENTO	PESO UN	PESO POR UN	QUANT.	PESO
L-12x150x100	1.800	22,4	40,32	10	403,2
L-12x175x75	1.800	19,1	34,38	10	343,8
R-12x100	3.600	9,42	33,912	120	406,944
R-12x75	1.650	7,06	11,649	50	58,245
TOTAL					539,889
ANCORA #5/8x1250				20	

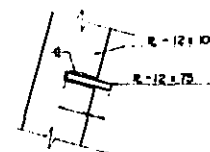
SECAO LONGITUDINAL
S=1:20



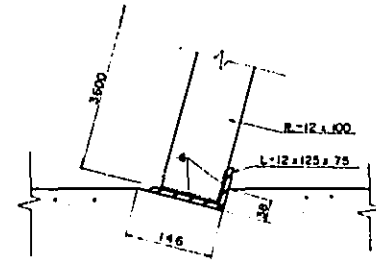
VISTA FRONTAL
S=1:20



DETALHE B

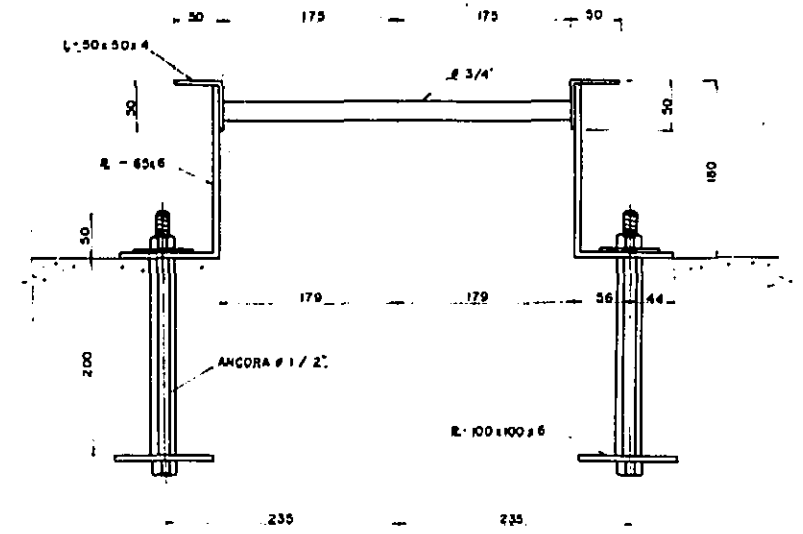


DETALHE

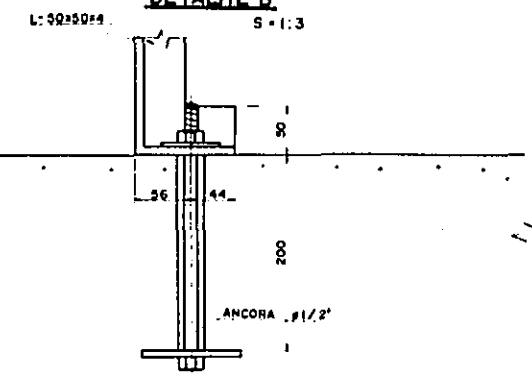


ESCALA

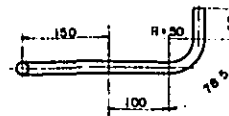
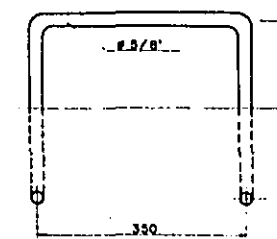
C-C
S=1:3



DETALHE B
S=1:3



ESCALA
S=1:5



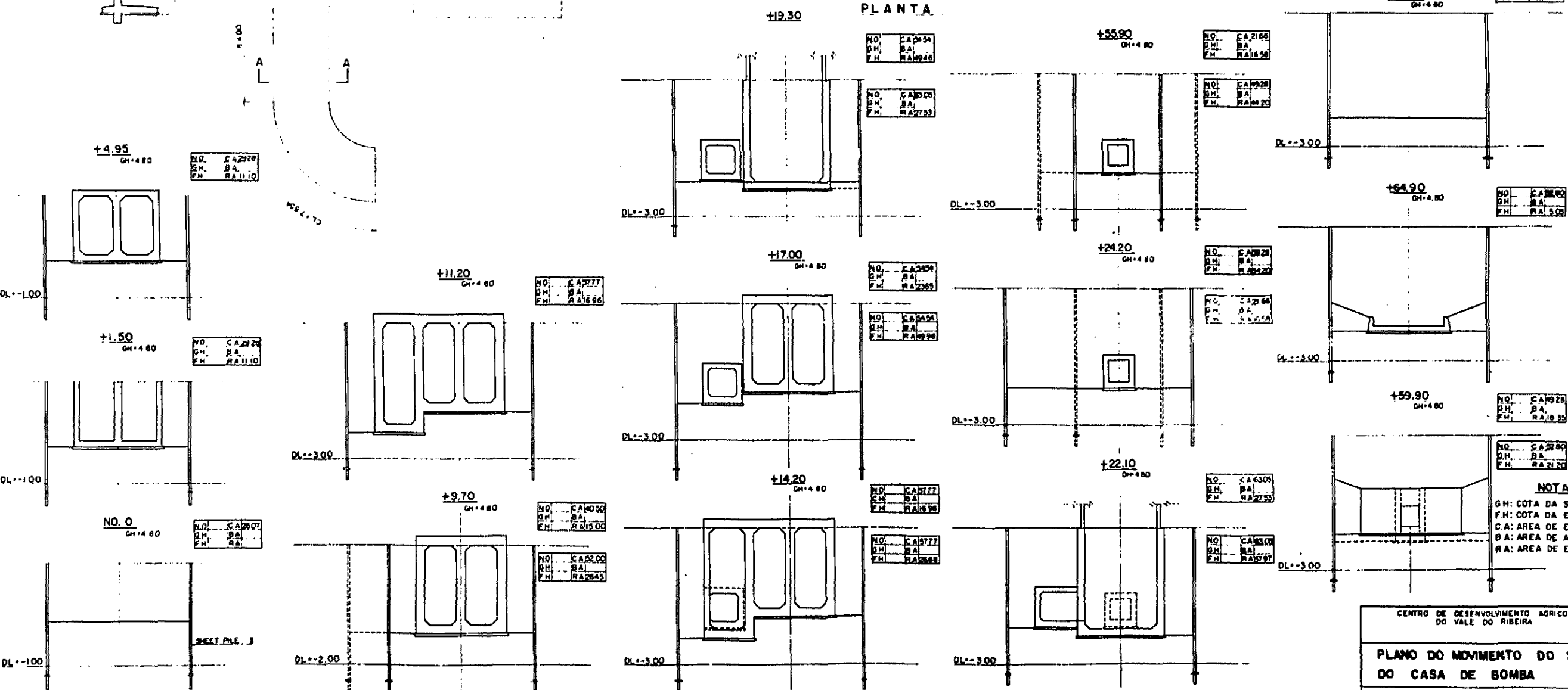
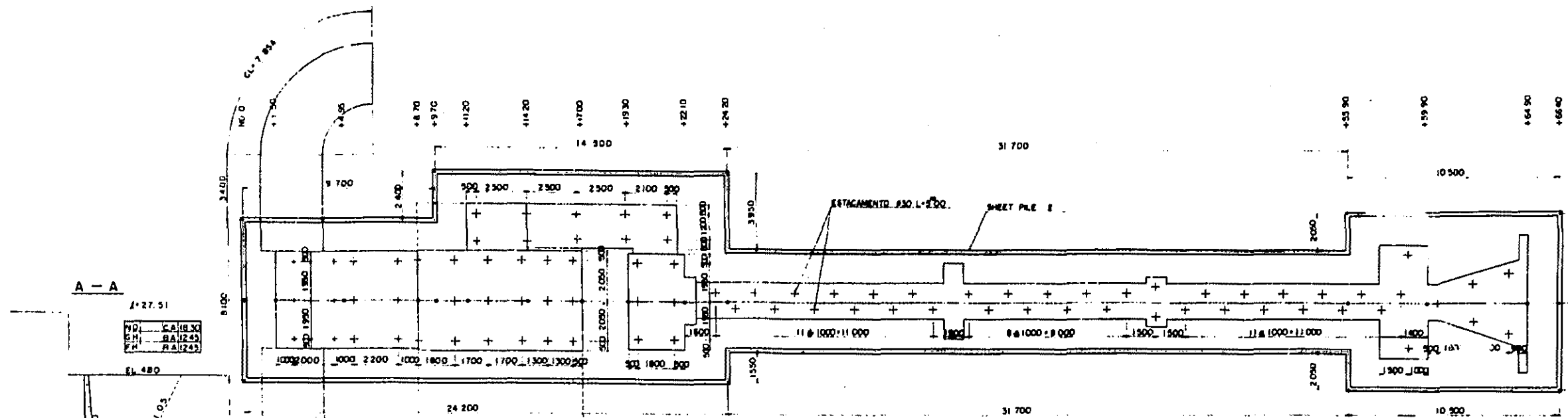
QUANTIDADE DE MATERIAIS

NOME	COMPRIMENTO (m)	PESO UN (kg/m)	PESO POR UN (kg)	QUANT.	PESO (kg)
ESCALA (UN)					
L-50x50x4	5.725	3.06	17.519	2	35.038
#3/4"	0.350	2.23	0.781	11	8.591
R-65x6	0.276	3.06	0.845	8	6.760
ANCORA #1/2"	0.200	1.04	0.208	10	2.080
R-100x100x6	1.000	0.47	0.471	10	4.710
TAMPO				TOTAL	57.179
L-40x40x3	1.200	2.95	3.54	2	7.08
PRATO DE FERRO 1300x1300x1x32	2.730	26.78	73.137	1	73.137
#5/8"	0.500	1.58	0.790	2	1.580
				TOTAL	81.797
ESCALA					
#7/8"	1.707	2.98	5.087	1	5.087

CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA

DETALHE DAS OBRAS DE ESCADA E BIOMBA

JICA JAPAN INTERNATIONAL COOPERATION AGENCY A-61
DESENHO _____ DATA _____ N.º DO DESENHO _____
VERIFICACAO _____
APROVACAO _____ ESCALA _____



NO. CA 2180
 QM. BA
 F.H. RA 16 56

NO. CA 2178
 QM. BA
 F.H. RA 16 10

NO. CA 2179
 QM. BA
 F.H. RA 16 10

NO. CA 2187
 QM. BA
 F.H. RA 16 10

NO. CA 2177
 QM. BA
 F.H. RA 16 86

NO. CA 2182
 QM. BA
 F.H. RA 16 00

NO. CA 2183
 QM. BA
 F.H. RA 16 45

NO. CA 2184
 QM. BA
 F.H. RA 16 46

NO. CA 2185
 QM. BA
 F.H. RA 16 53

NO. CA 2186
 QM. BA
 F.H. RA 16 55

NO. CA 2187
 QM. BA
 F.H. RA 16 56

NO. CA 2177
 QM. BA
 F.H. RA 16 86

NO. CA 2177
 QM. BA
 F.H. RA 16 86

NO. CA 2186
 QM. BA
 F.H. RA 16 56

NO. CA 2187
 QM. BA
 F.H. RA 16 57

NO. CA 2188
 QM. BA
 F.H. RA 16 58

NO. CA 2189
 QM. BA
 F.H. RA 16 59

NO. CA 2189
 QM. BA
 F.H. RA 16 59

NO. CA 2190
 QM. BA
 F.H. RA 16 57

NO. CA 2190
 QM. BA
 F.H. RA 16 57

NO. CA 2188
 QM. BA
 F.H. RA 16 58

NO. CA 2189
 QM. BA
 F.H. RA 16 59

NOTA
 GH: COTA DA SUPERFICIE
 FH: COTA DA ESTRADA
 CA: AREA DE ESCAVAÇÃO
 BA: AREA DE AMONTAÇÃO
 RA: AREA DE ENCHIMENTO

CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA

PLANO DO MOVIMENTO DO SOLO DO CASA DE BOMBA

JICA JAPAN INTERNATIONAL COOPERATION AGENCY A - 62
 DESENHO DATA 1 DO DESENHO
 VERIFICACAO 1 DO DESENHO
 APROVACAO 1 DO DESENHO

ESCALA

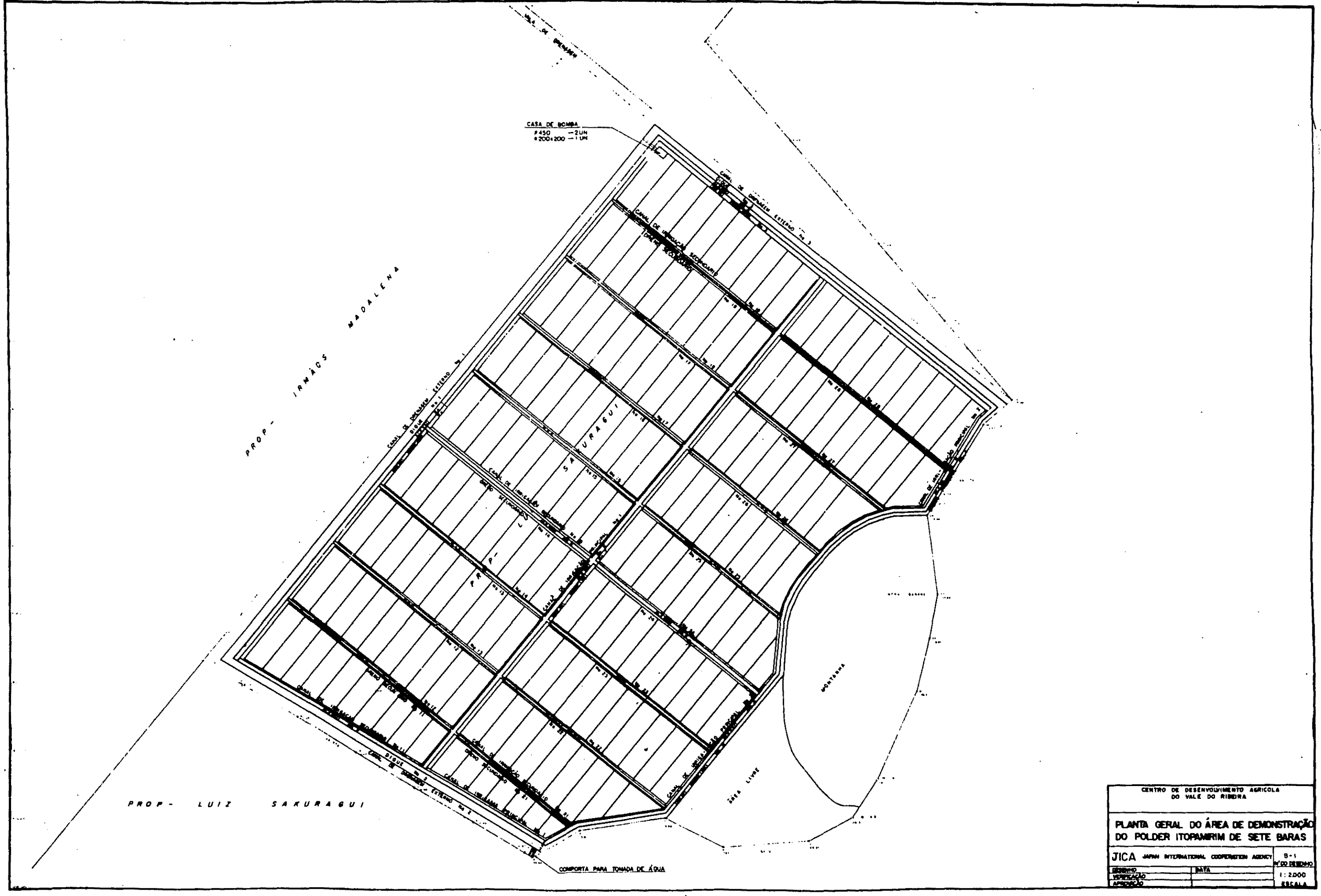
CASA DE BOMBA
 # 450 - 2UH
 # 200x200 - 1UH

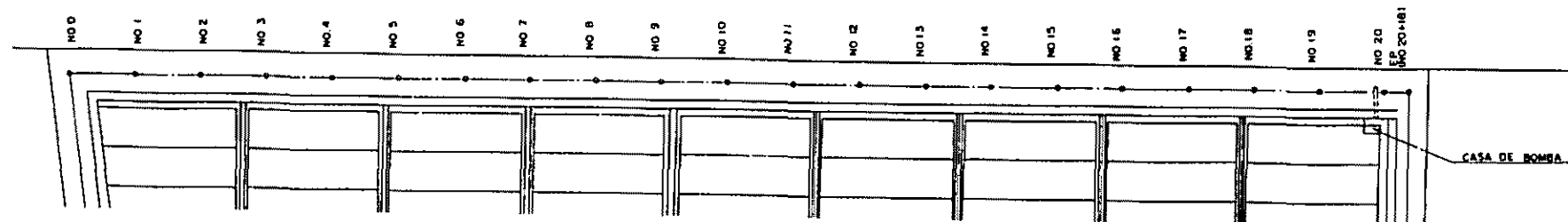
PROP - IRMAOS MADALENA

PROP - LUIZ SAKURAGUI

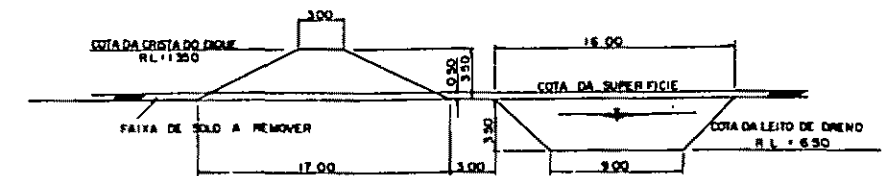
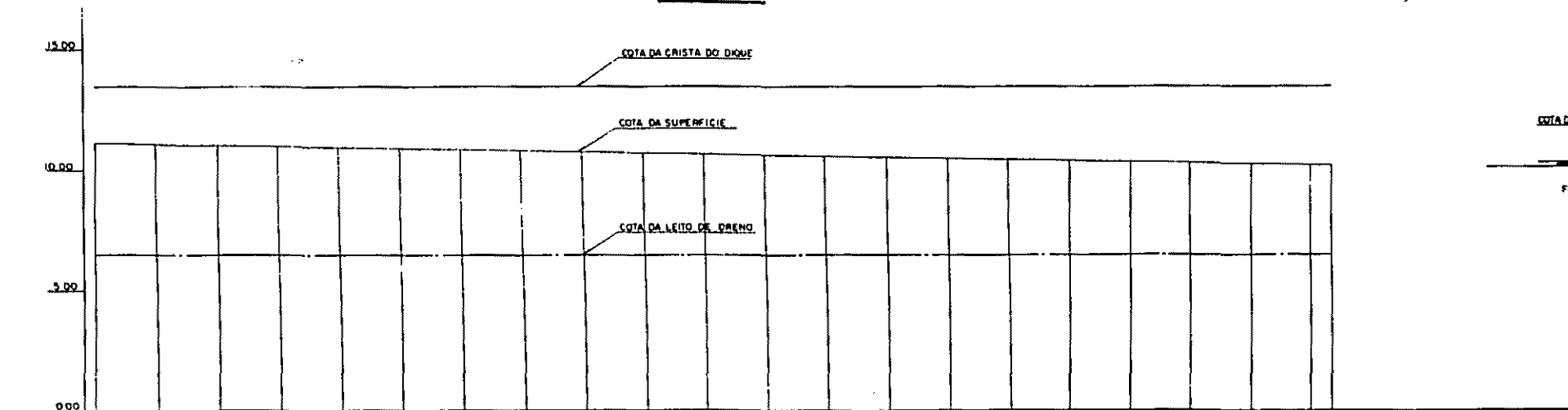
COMPORTA PARA TOMADA DE ÁGUA

CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBERA		
PLANTA GERAL DO ÁREA DE DEMONSTRAÇÃO DO POLDER ITOPAMIRIM DE SETE BARAS		
JICA	JAPAN INTERNATIONAL COOPERATION AGENCY	B-1
SERVIÇO	DATA	Nº DO PROJETO
ESPECIFICAÇÃO		1:2000
APROVADO		ESCALA





PLANTA



SEÇÃO TRANSVERSAL PADRONIZADO DO DIQUE E DRENO EXTERNO

ESCALA = 1:200

PLANO	COTA DA LEITO DE DRENO	COTA DA CRISTA DO DIQUE	COTA DA SUPERFICIE	DIST. ACUMULADA	DIST.	NO.	CURVA
0	0.00	13.00	11.00	0.00	0.00	00	
1	0.00	13.00	11.00	0.00	0.00	01	
2	0.00	13.00	11.00	0.00	0.00	02	
3	0.00	13.00	11.00	0.00	0.00	03	
4	0.00	13.00	11.00	0.00	0.00	04	
5	0.00	13.00	11.00	0.00	0.00	05	
6	0.00	13.00	11.00	0.00	0.00	06	
7	0.00	13.00	11.00	0.00	0.00	07	
8	0.00	13.00	11.00	0.00	0.00	08	
9	0.00	13.00	11.00	0.00	0.00	09	
10	0.00	13.00	11.00	0.00	0.00	10	
11	0.00	13.00	11.00	0.00	0.00	11	
12	0.00	13.00	11.00	0.00	0.00	12	
13	0.00	13.00	11.00	0.00	0.00	13	
14	0.00	13.00	11.00	0.00	0.00	14	
15	0.00	13.00	11.00	0.00	0.00	15	
16	0.00	13.00	11.00	0.00	0.00	16	
17	0.00	13.00	11.00	0.00	0.00	17	
18	0.00	13.00	11.00	0.00	0.00	18	
19	0.00	13.00	11.00	0.00	0.00	19	
20	0.00	13.00	11.00	0.00	0.00	20	

1:100
1:200

SEÇÃO TRANSVERSAL

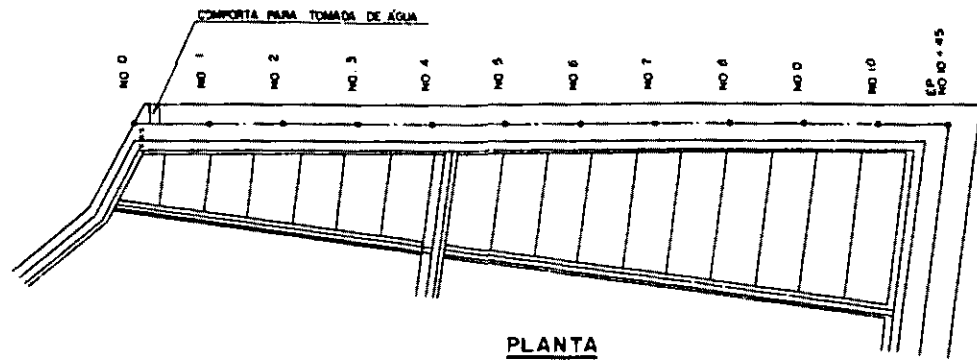
CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA

PLANO DO DIQUE DO POLOER ITOPAMIRM

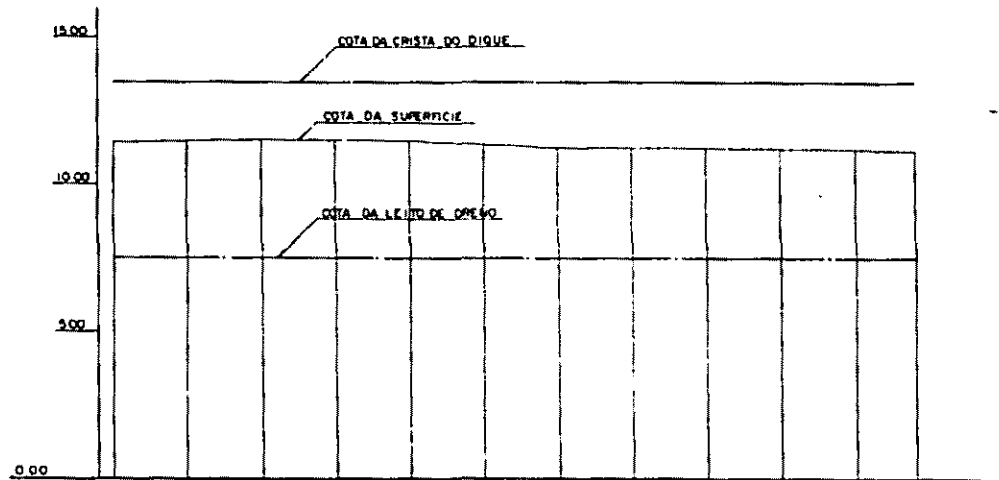
(11)

JICA JAPAN INTERNATIONAL COOPERATION AGENCY B-2

DESENHO	DATA	Nº DO DESENHO
VERIFICAÇÃO		
APROVAÇÃO		ESCALA

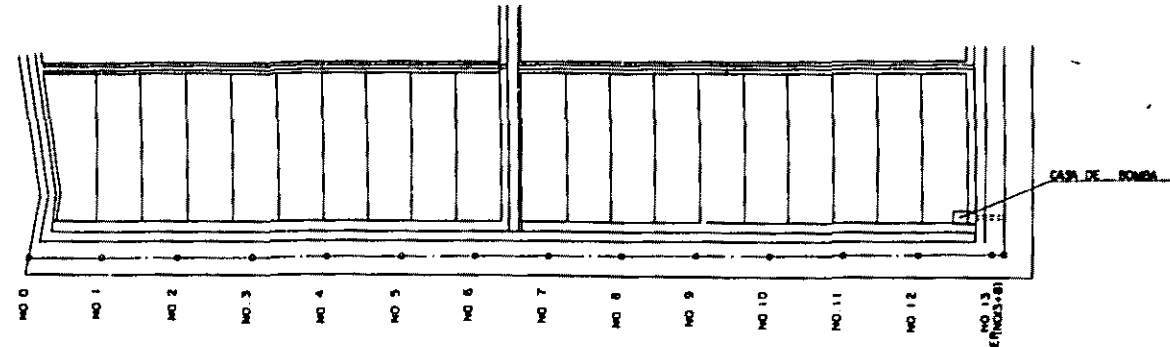


PLANTA

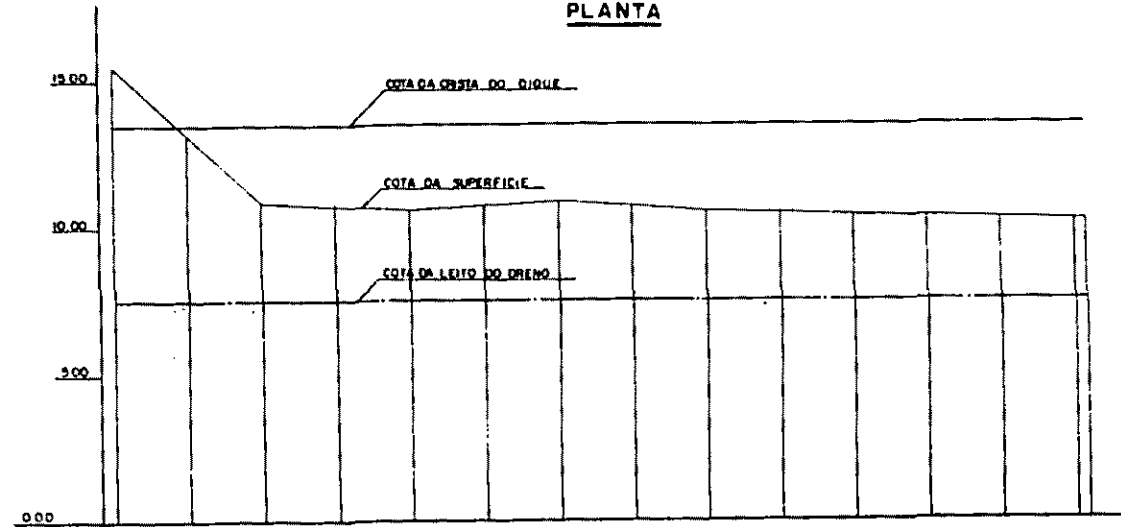


PLANO	COTA DA LEITO DE DRENO	0	1	2	3	4	5	6	7	8	9	10	11	12	13	
	COTA DA CRISTA DO DIQUE	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	
	COTA DA SUPERFICIE	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	
	DIST. ACUMULADA	0	3	6	9	12	15	18	21	24	27	30	33	36	39	
	DIST.	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	NO.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	
	CURVA	-----														

SEÇÃO LONGITUDINAL

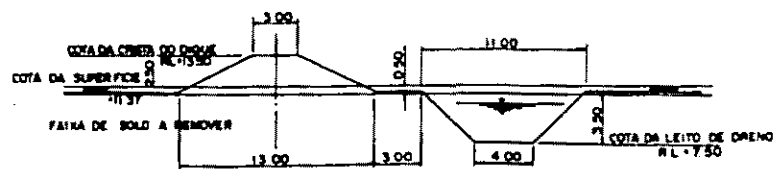


PLANTA

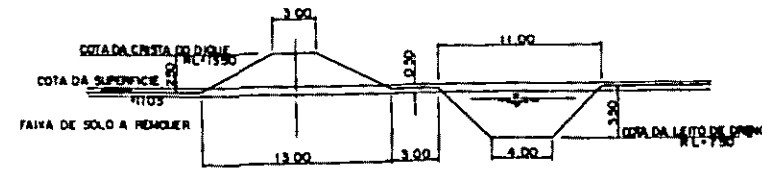


PLANO	COTA DA LEITO DE DRENO	0	1	2	3	4	5	6	7	8	9	10	11	12	13	
	COTA DA CRISTA DO DIQUE	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	
	COTA DA SUPERFICIE	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	
	DIST. ACUMULADA	0	3	6	9	12	15	18	21	24	27	30	33	36	39	
	DIST.	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	NO.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	
	CURVA	-----														

SEÇÃO TRANSVERSAL

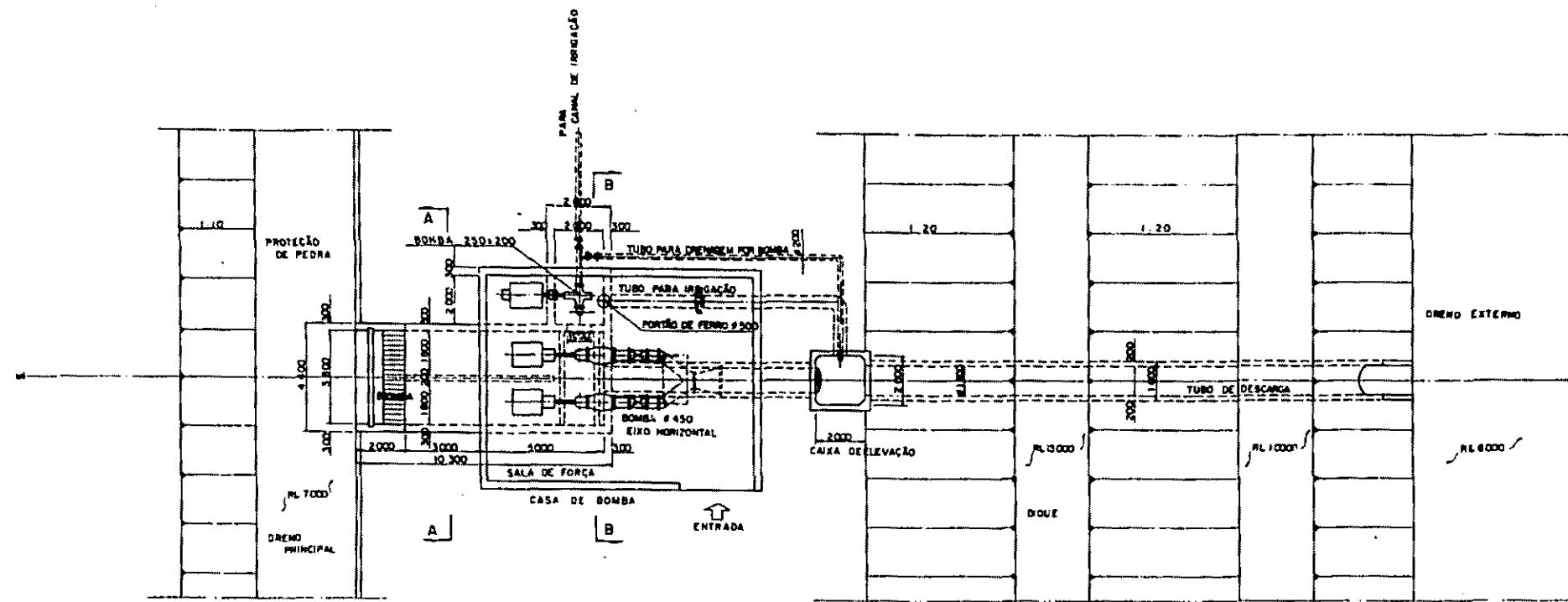


SEÇÃO TRANSVERSAL PADRONIZADO
ESCALA: 1:200

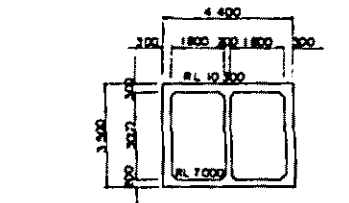


SEÇÃO TRANSVERSAL PADRONIZADO
ESCALA: 1:200

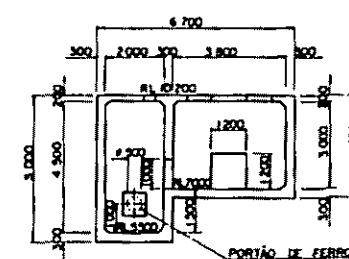
CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA	
PLANO DO DIQUE DO POLDER ITOPAMIRIM	
(12)	
JICA JAPAN INTERNATIONAL COOPERATION AGENCY	8-3
DESENHO	DATA
VERIFICAÇÃO	
APROVAÇÃO	ESCALA



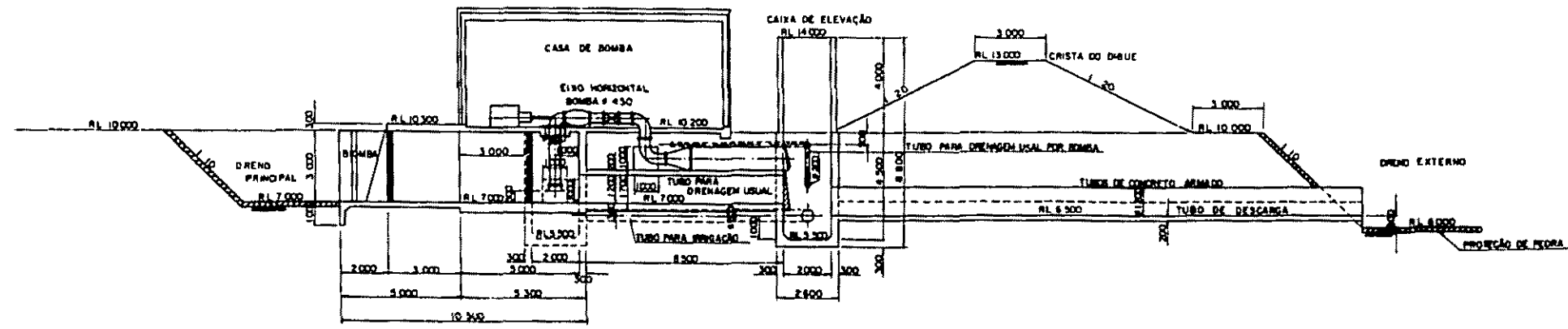
PLANTA



A - A

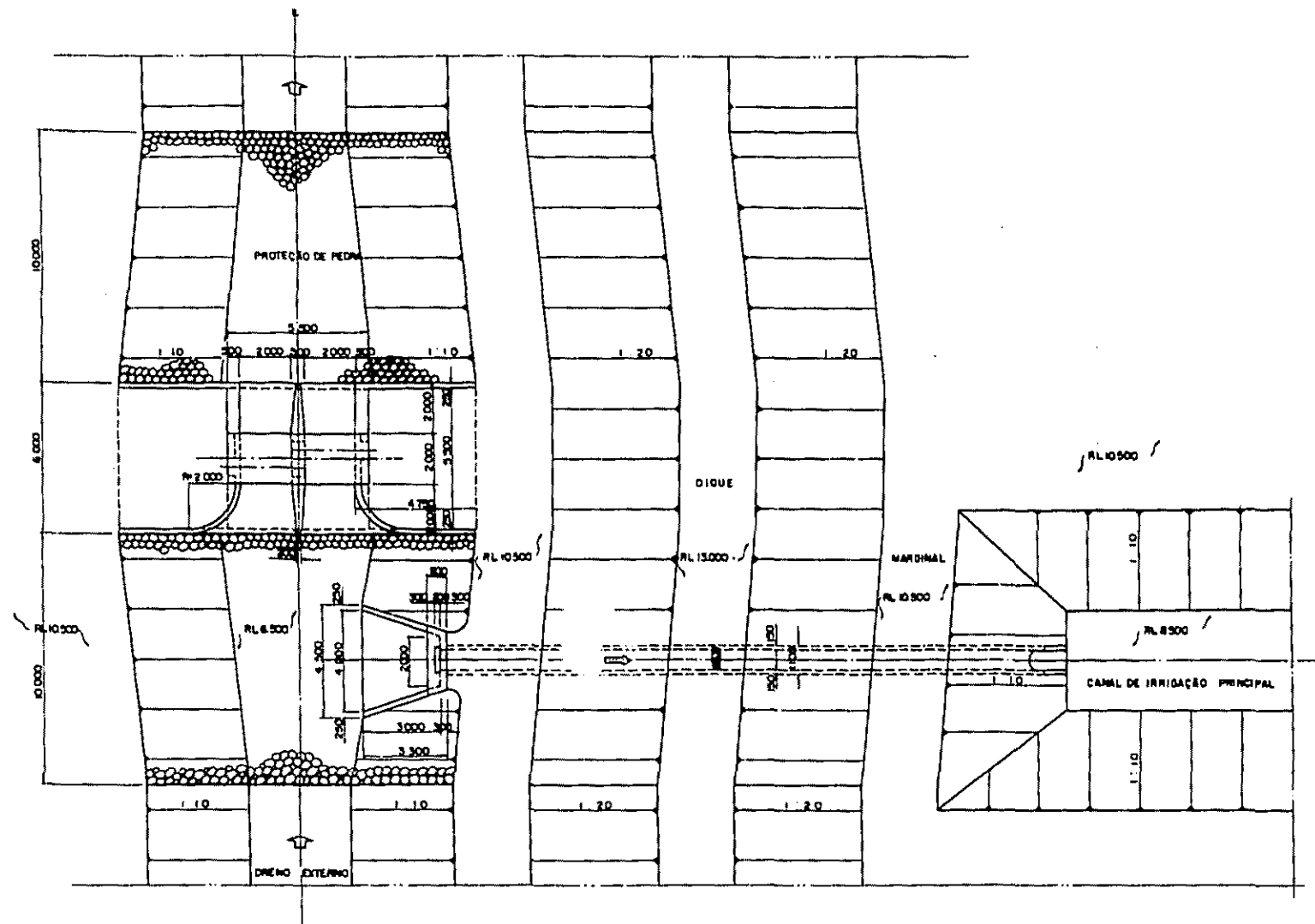


B - B

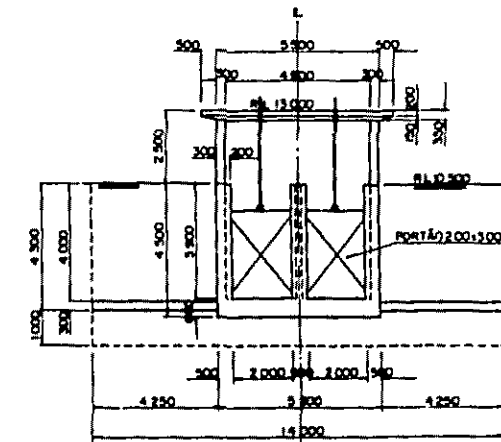


SEÇÃO LONGITUDINAL

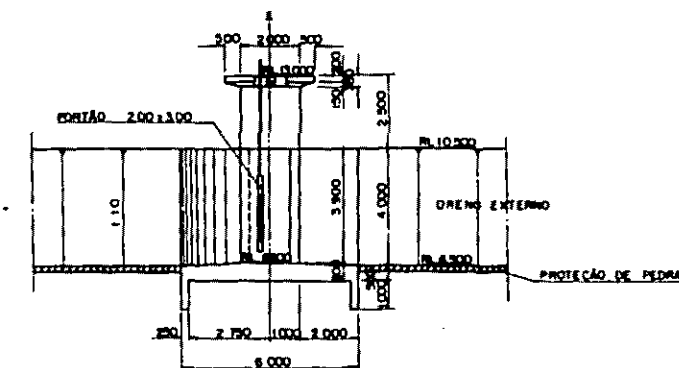
CENTRO DE DESENVOLVIMENTO AGRÍCOLA DO VALE DO RIBEIRA	
PLANO GERAL DO CASA DE BOMBA DO POLDER ITOPAMIRIM	
JICA JAPAN INTERNATIONAL COOPERATION AGENCY	B-4
DESENHO	DATA
VERIFICAÇÃO	1.100
APROVAÇÃO	ESCALA



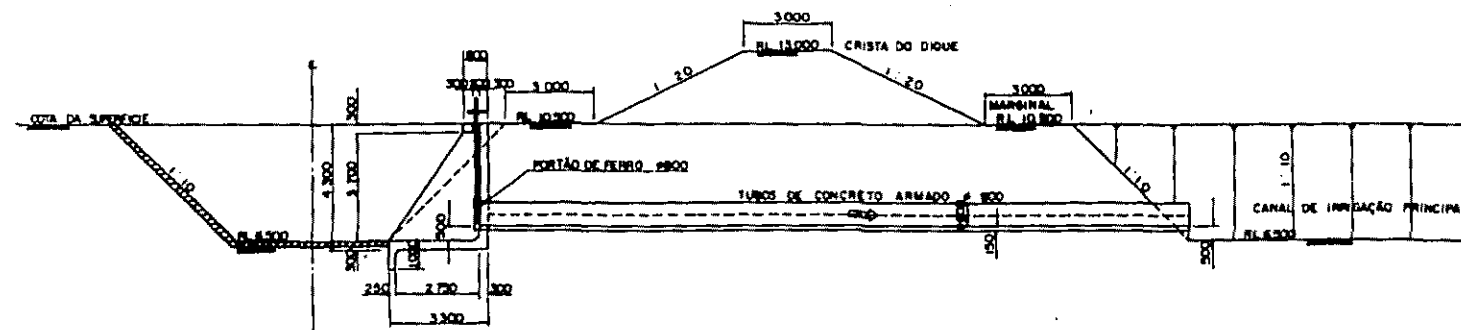
PLANTA



SEÇÃO TRANSVERSAL DO COMPORTA



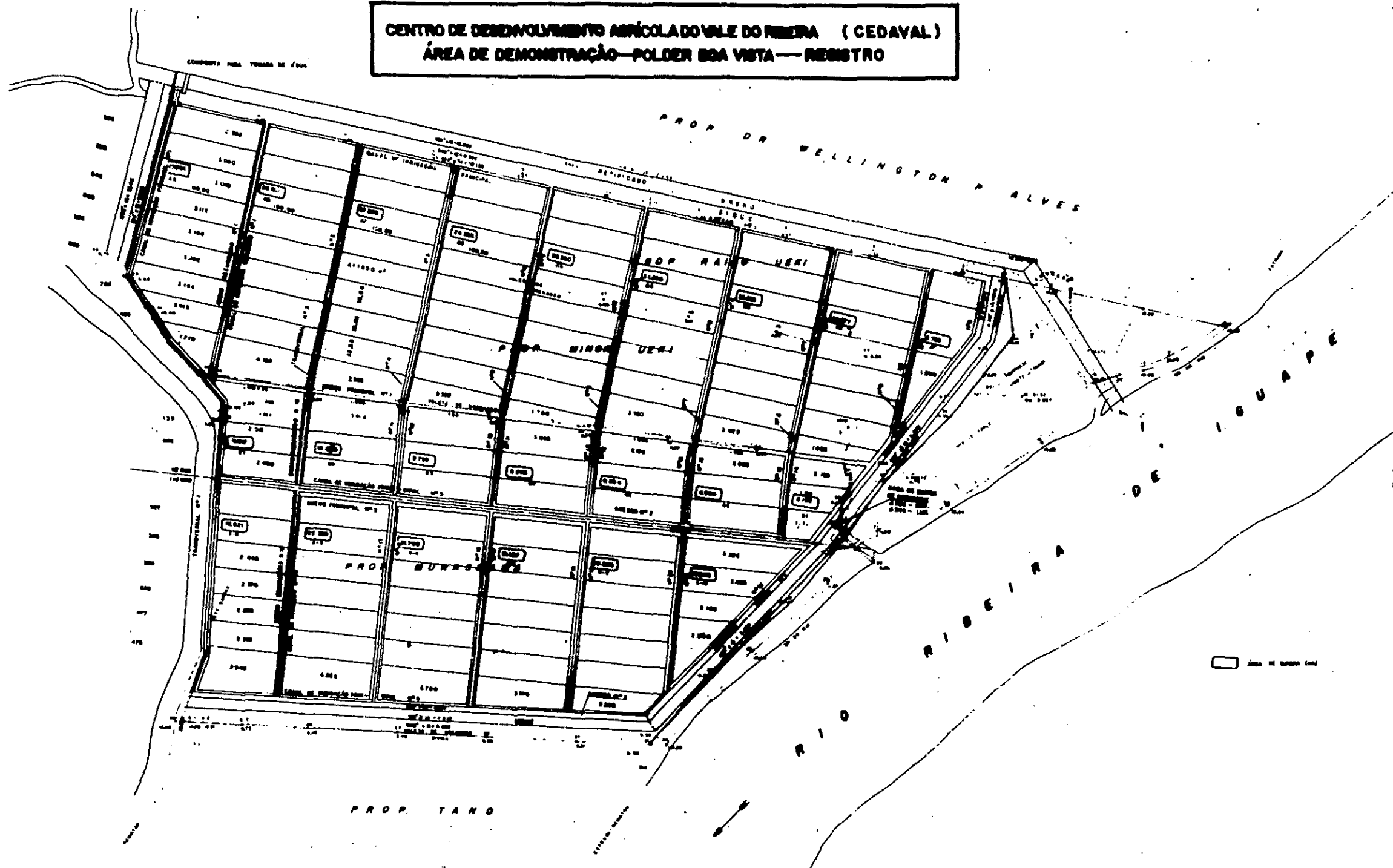
SEÇÃO LONGITUDINAL DO COMPORTA



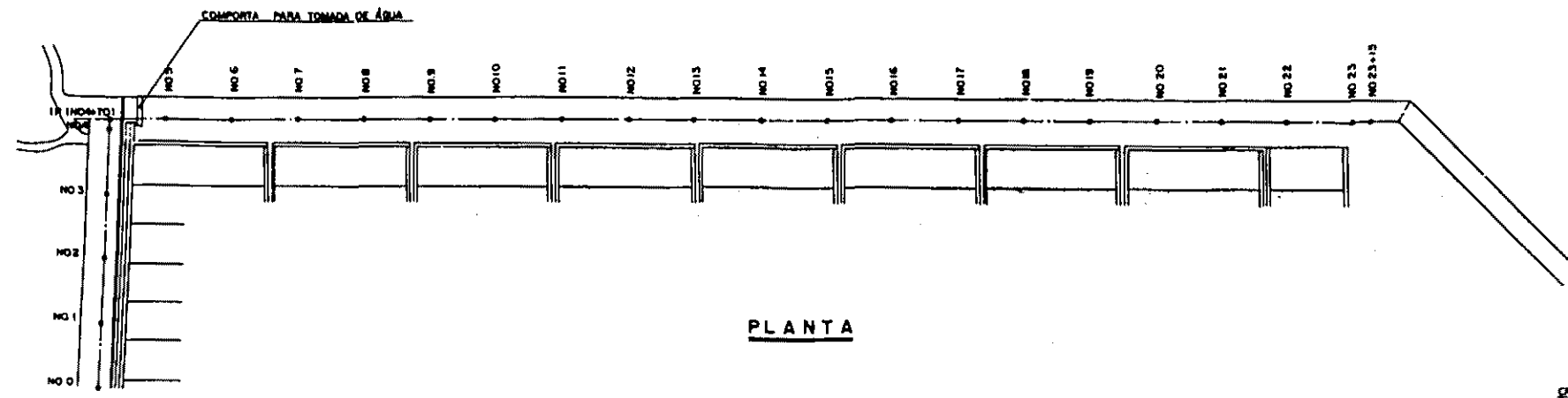
SEÇÃO LONGITUDINAL DO BUEIRO

CENTRO DE DESENVOLVIMENTO AGRÍCOLA DO VALE DO RIBEIRA		
PLANO GERAL DO COMPORTA PARA TOMADA DE ÁGUA DO POLDER PANANIRIM		
JICA - JAPAN INTERNATIONAL COOPERATION AGENCY		B - 5
DESENHO	DATA	11/02/1980
VERIFICAÇÃO		1:100
APROVAÇÃO		ESCALA

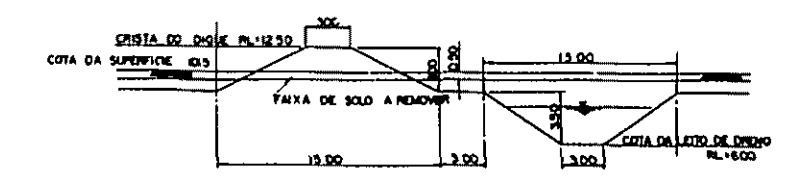
**CENTRO DE DESENVOLVIMENTO AGRÍCOLA DO VALE DO RIBEIRA (CEDAVAL)
 ÁREA DE DEMONSTRAÇÃO—POLDER BOA VISTA—REGISTRO**



CENTRO DE DESENVOLVIMENTO AGRÍCOLA DO VALE DO RIBEIRA		
PLANTA GERAL DO ÁREA DE DEMONSTRAÇÃO DO POLDER BOA VISTA DE REGISTRO		
JICA	JAPAN INTERNATIONAL COOPERATION AGENCY	C-1
DATA		11/00
ESCALA		1:1000

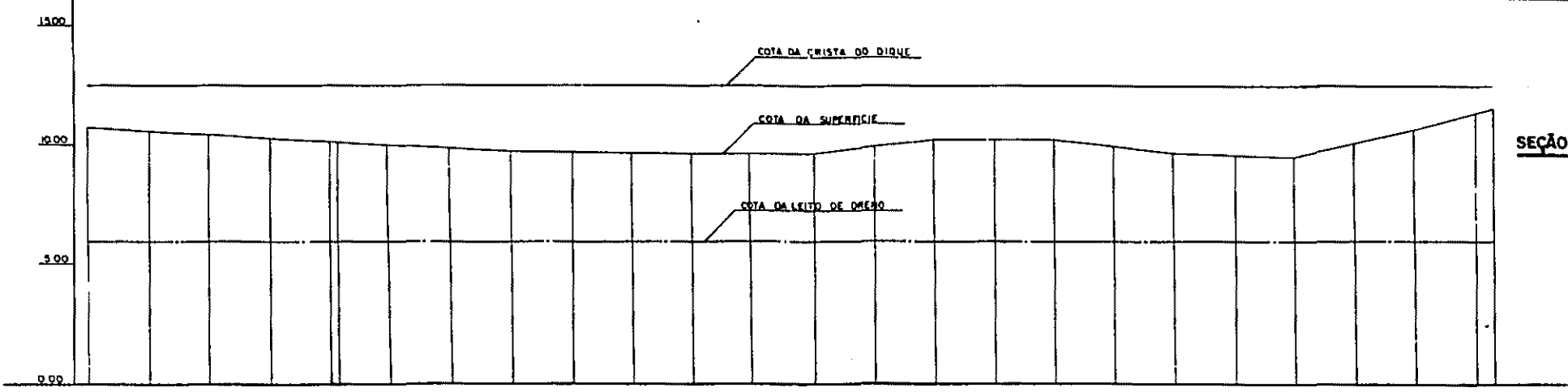


PLANTA



SEÇÃO TRANSVERSAL PADRONIZADO DO DIQUE E DRENO EXTERNO

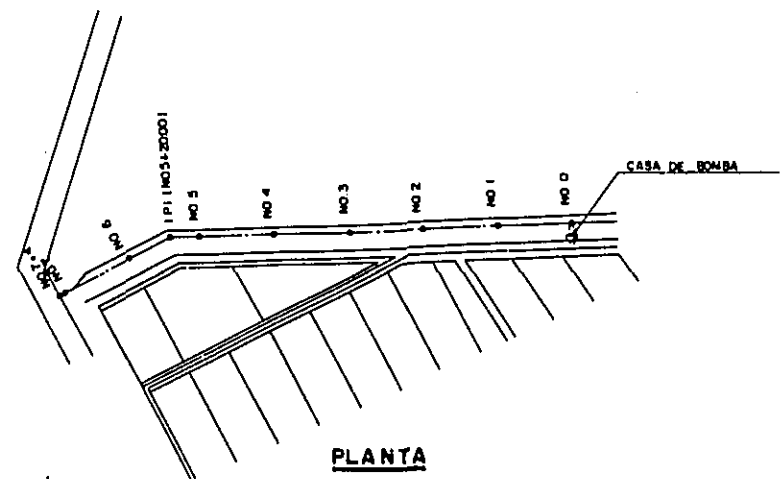
ESCALA = 1 : 200



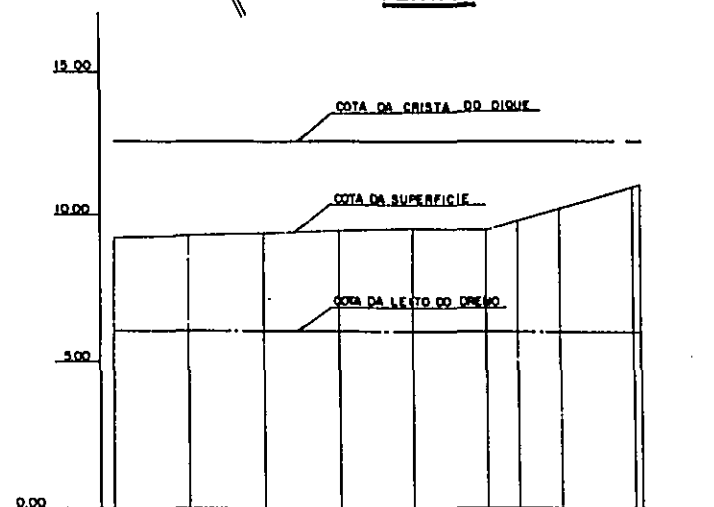
PLANO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
COTA DA LEITO DE DRENO	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
COTA DA CRISTA DO DIQUE	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	
COTA DA SUPERFÍCIE	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	
DIST. ACUMULADA	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00	100.00	110.00	120.00	130.00	140.00	150.00	160.00	170.00	180.00	190.00	200.00	210.00	220.00	230.00	
DIST.	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	
NO.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
CURVA	A																								

SEÇÃO LONGITUDINAL

CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA	
PLANO DO DIQUE DO POLDER BOA VISTA	
(11)	
JICA JAPAN INTERNATIONAL COOPERATION AGENCY	C - 2
DESENHO	DATA
VERIFICAÇÃO	
APROVAÇÃO	ESCALA

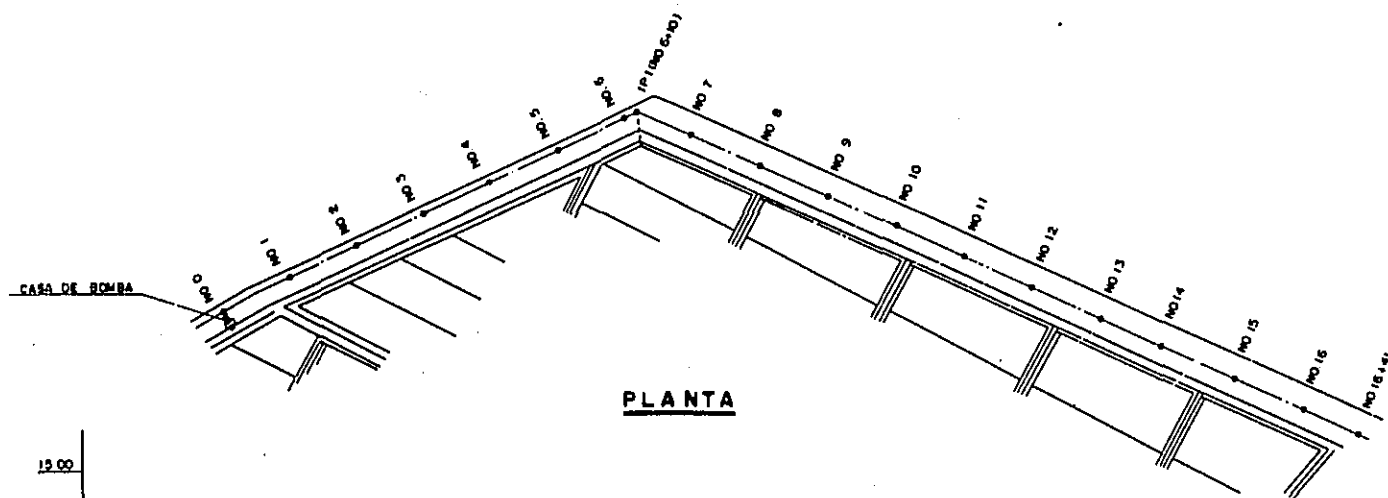


PLANTA

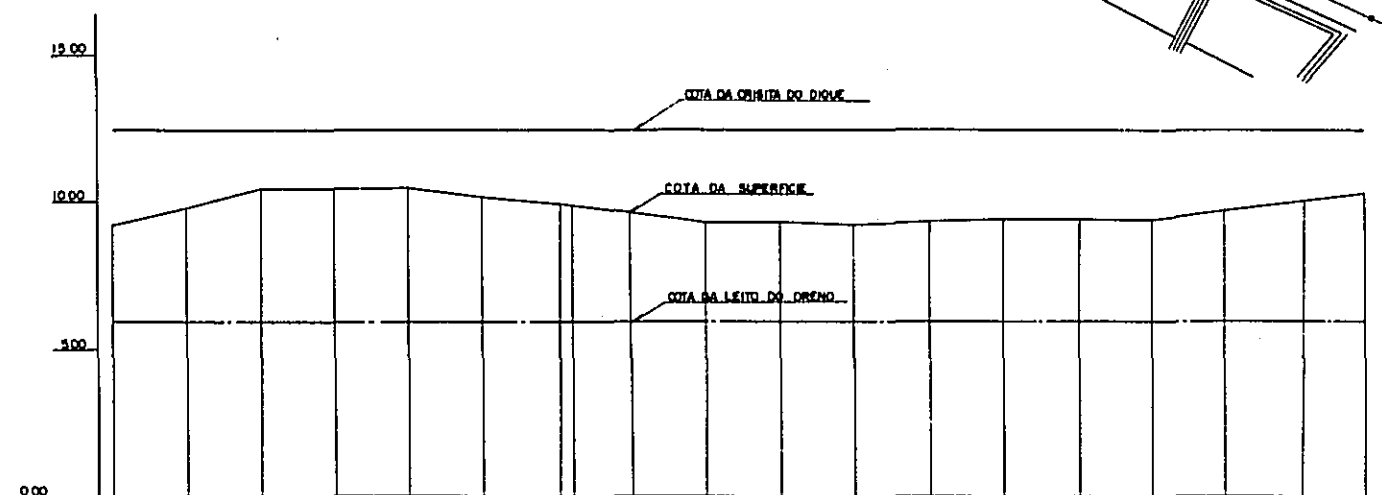


AL. NO	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
COTA DA LEITO DE DRENO	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
COTA DA CRISTA DO DIQUE	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50
COTA DA SUPERFICIE	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
DIST. ACUMULADA	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00	26.00	28.00	30.00	32.00	34.00	36.00	38.00	40.00
DIST.	0.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
NO.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CURVA	18°30'00"																				

SEÇÃO LONGITUDINAL

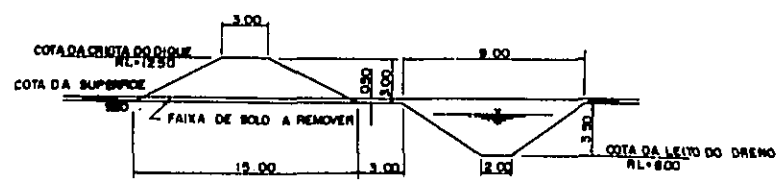


PLANTA

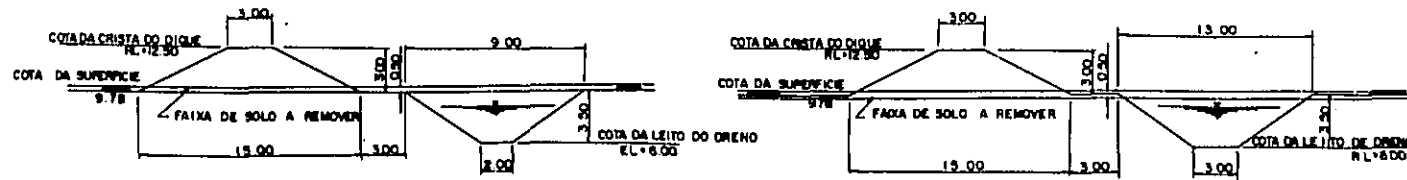


AL. NO	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
COTA DA LEITO DE DRENO	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
COTA DA CRISTA DO DIQUE	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50
COTA DA SUPERFICIE	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
DIST. ACUMULADA	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00	26.00	28.00	30.00	32.00	34.00	36.00	38.00	40.00
DIST.	0.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
NO.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CURVA	18°30'00"																				

SEÇÃO LONGITUDINAL



SEÇÃO TRANSVERSAL PADRONIZADO DO DIQUE E DRENO EXTERNO



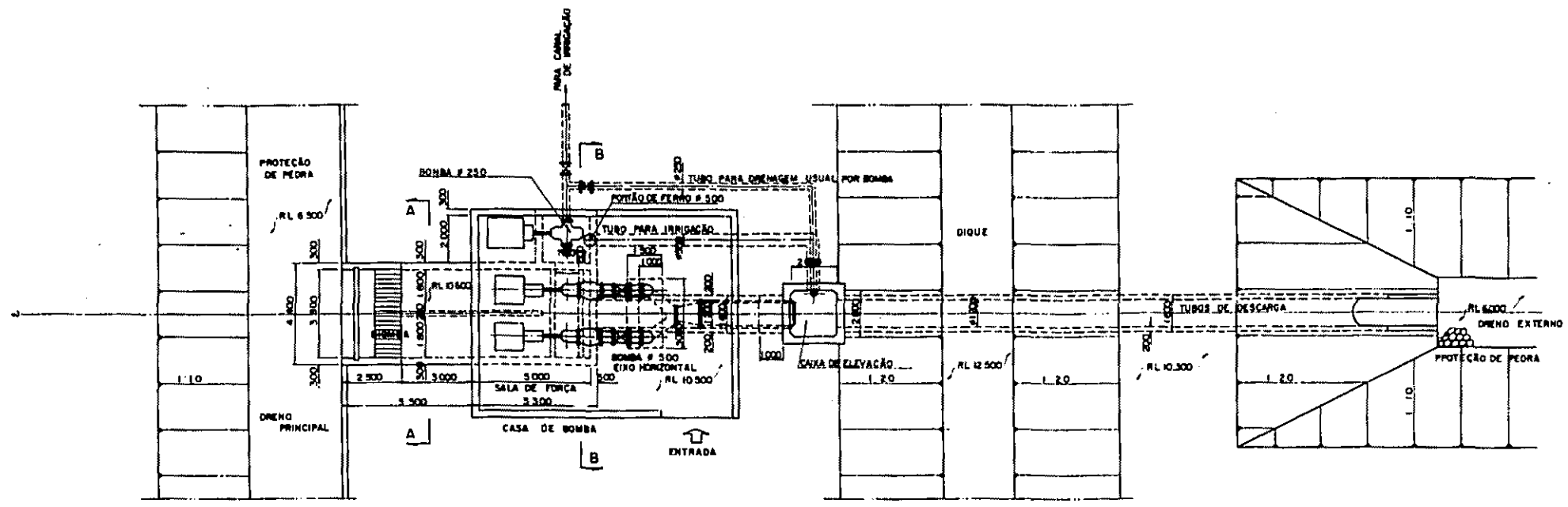
(NO.0 ~ IP1)

SEÇÃO TRANSVERSAL PADRONIZADO DO DIQUE E DRENO EXTERNO

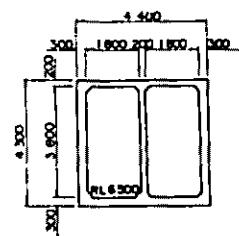
ESCALA = 1:200

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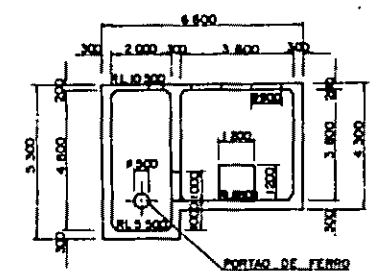
CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA	
PLANO DO DIQUE DO POLDER BOA VISTA	
121	
JICA JAPAN INTERNATIONAL COOPERATION AGENCY	C-3
DESENHO	DATA
VERIFICADO	
APROVADO	
ESCALA	



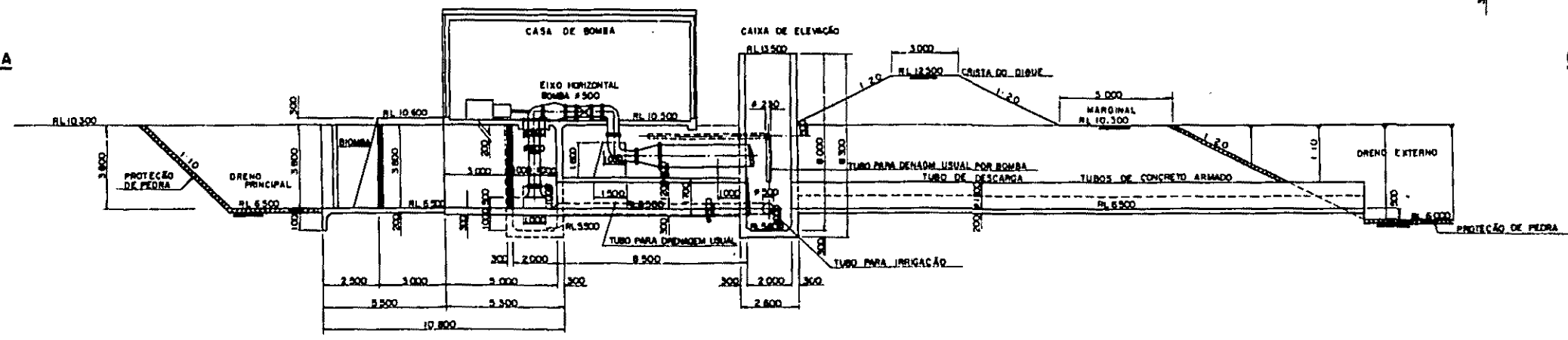
PLANTA



A - A

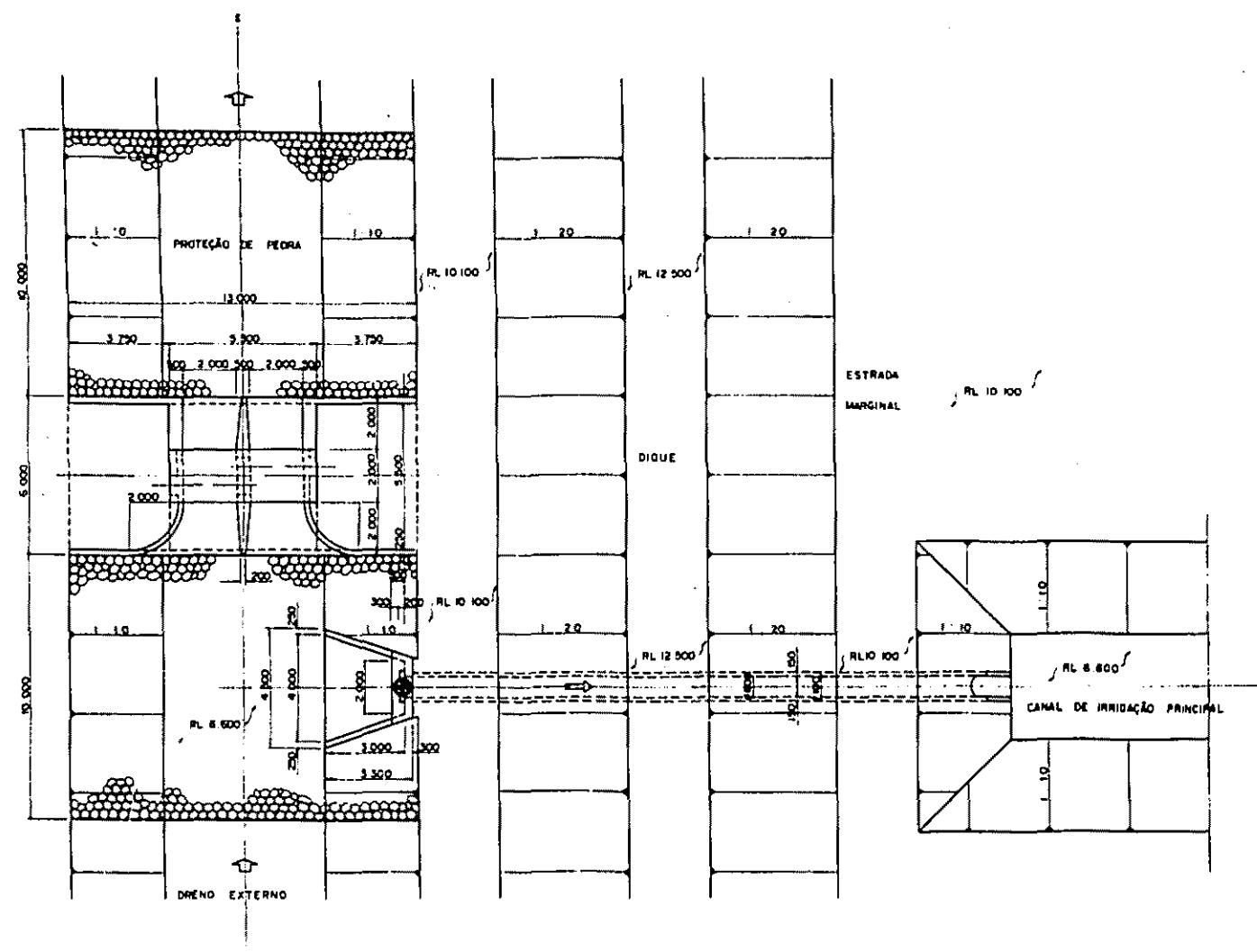


B - B

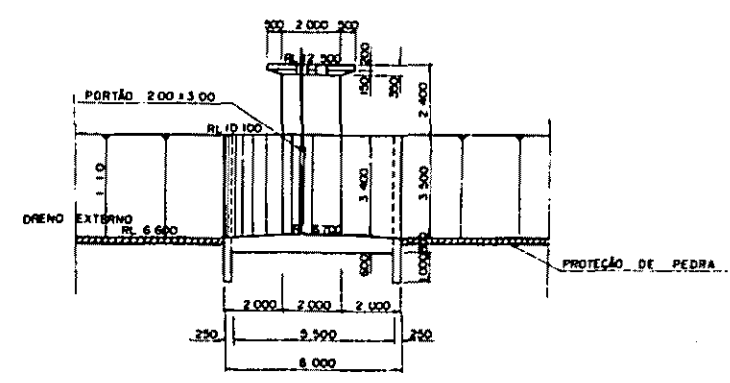


SEÇÃO LONGITUDINAL

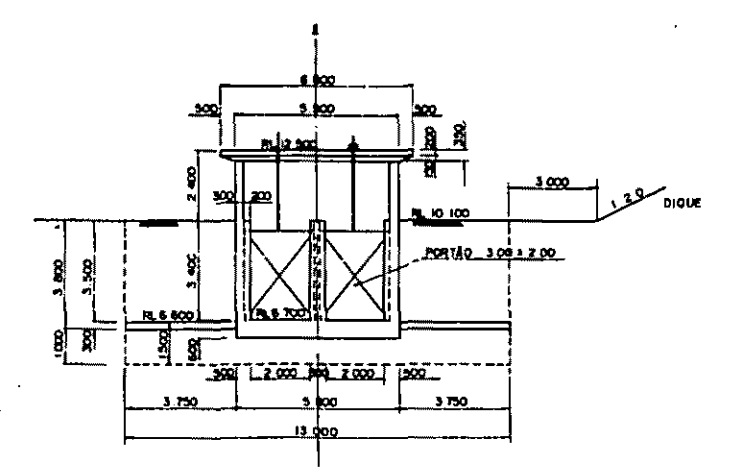
CENTRO DE DESENVOLVIMENTO AGRÍCOLA DO VALE DO RIBEIRA	
PLANO GERAL DA CASA DE BOMBA DO POLDER BOA VISTA	
JICA JAPAN INTERNATIONAL COOPERATION AGENCY	C-4
DESENHO	Nº DO DESENHO
VERIFICAÇÃO	DATA
APROVAÇÃO	1:100
	ESCALA



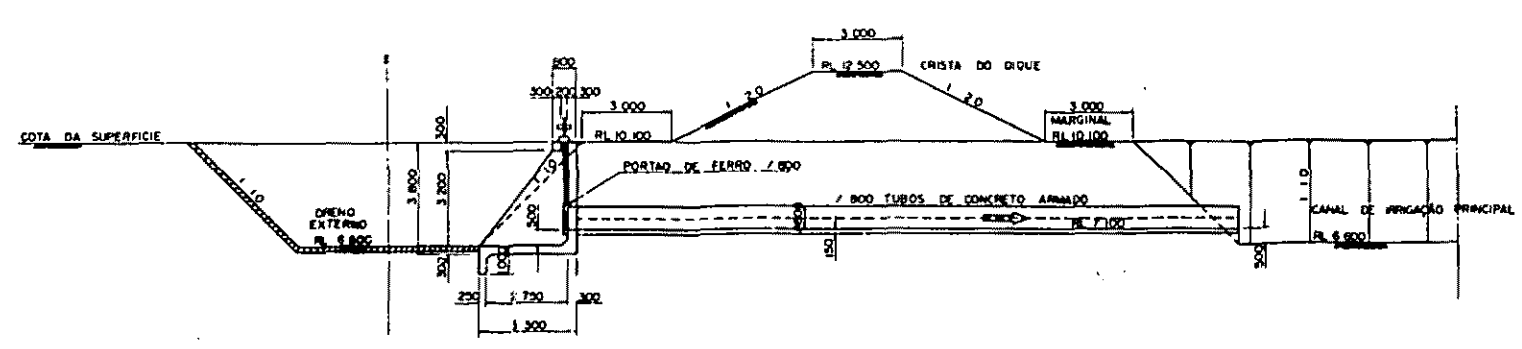
PLANTO



SEÇÃO LONGITUDINAL DO COMPORTA

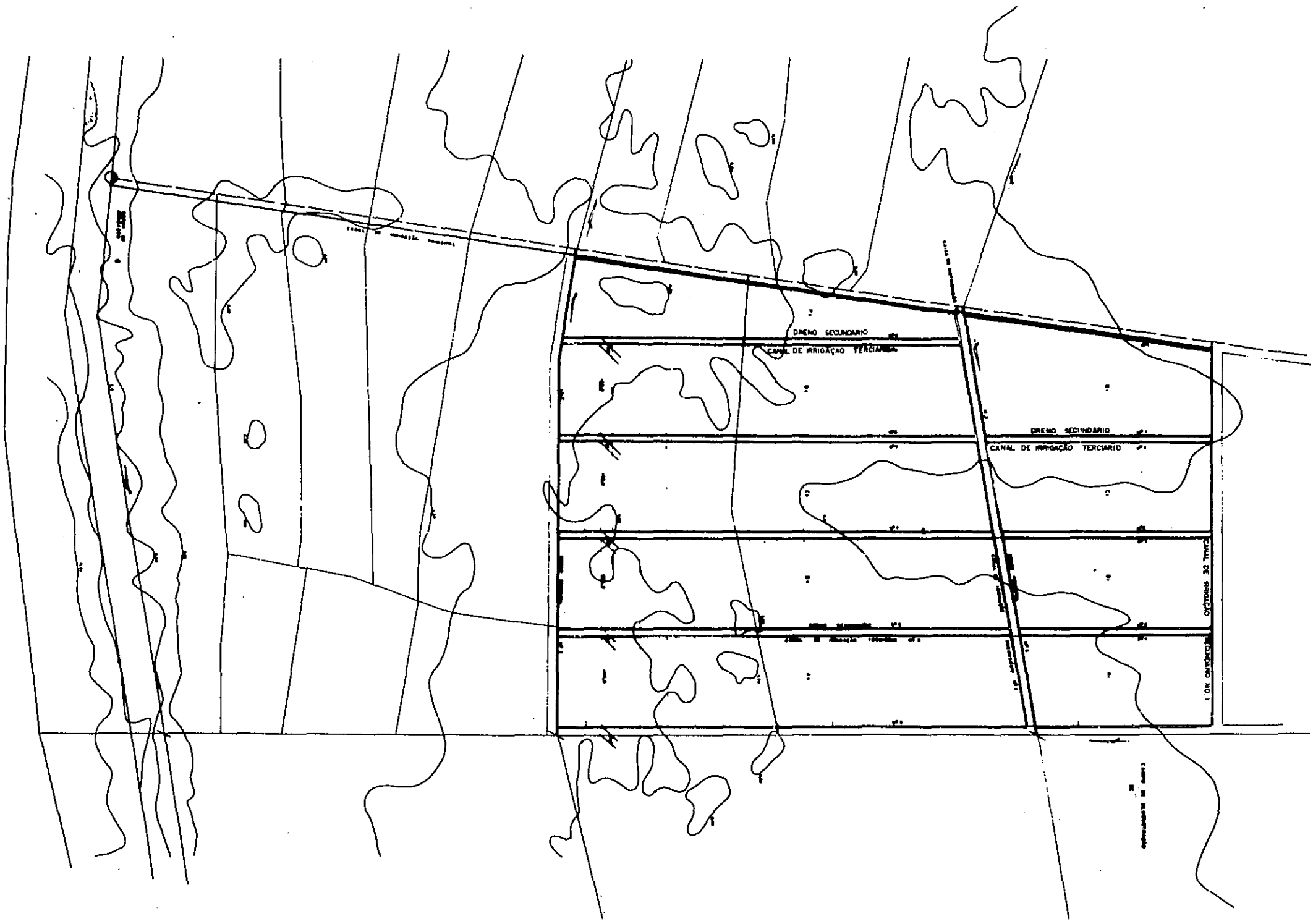


SEÇÃO TRANSVERSAL DO COMPORTA



SEÇÃO LONGITUDINAL DO BUEIRO

CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA		
PLANO GERAL DO COMPORTA PARA TOMADA DE AGUA DO POLDER BOA VISTA		
JICA	JAPAN INTERNATIONAL COOPERATION AGENCY	C - 5
DESENHO	DATA	1000 DESPENS
VERIFICAÇÃO		1 : 100
APROVAÇÃO		ESCALA



CENTRO DE DESENVOLVIMENTO AGRICOLA DO VALE DO RIBEIRA		
PLANTA GERAL DO ÁREA DE DEMONSTRAÇÃO DO POLDER PILOTO I DE REGISTRO		
JICA JAPAN INTERNATIONAL COOPERATION AGENCY		D - 1
DESENHO	DATA	Nº DO DESENHO
VERIFICAÇÃO		1: 2000
APROVAÇÃO		ESCALA

