Folha de Dados

IDGED:

0121/03/B/02

LOTE:

1283

AUTOR:

CONSÓRCIO SCET COOP ;SIRAC ;CONESPLAN ;DNOCS

TÍTULO:

PROJETO DE IRRIGAÇÃO AÇUDE PÚBLICO AIRES DE SOUZA

SUBTÍTULO:

TOMO III REDE DE IRRIGAÇÃO B2 PERFIS

REPÚBLICA DO BRASIL
MINISTÉRIO DO INTERIOR
DEPARTAMENTO NACIONAL DE OBRAS CONTRA AS SECAS
D. N. O. C. S.

AÇUDE PÚBLICO AIRES DE SOUZA
projeto de irrigação

TOMO III — RÊDE DE IRRIGAÇÃO

B-2 — PERFÍS

Lote: 01283 - Prep (X) Scan (X) Index ( )
Projeto Nº 0121 103 B 102
Volume
Qtd A4 03 Qtd. A3
Qtd. A2 Qtd A1
Qtd A0 1 Outros

CONSÓRCIO - SCET - COOP / SIRAC / CONESPLAN

FORTALEZA SETEMBRO 1972

T O M O III - AIRES DE SOUZA

B2 - P E R FI S

B2.1 - PERFIL LONG. - CANAIS SECUNDÁRIOS - S.11 a 11.8

B2.2 - PERFIL LONG. - CANAIS SECUNDÁRIOS - S.12 a 14

B2.3 - PERFIL LONG. - CANAIS SECUNDÁRIOS - S.21 a 23

B2.4 - PERFIL LONG. - CANAIS SECUNDÁRIOS - S.24 a 2.10

B2.5 - PERFIL LONG. - CANAIS SECUNDÁRIOS - S.31 a 33.2

B2.6 - PERFIL LONG. - CANAIS SECUNDÁRIOS - S.38 a 39

B2.7 - PERFIL LONG. - CANAIS SECUNDÁRIOS - S.41 a 47.3

B2.8 - PERFIL LONG. - CANAIS SECUNDÁRIOS - S.51 a 55

B2.9 - PERFIL LONG. - CANAIS SECUNDÁRIOS - S.56 a 51.1

B2.10 - PERFIL LONG. - CANAIS SECUNDÁRIOS - S.61 a 64

B2.11 - PERFIL LONG. - CANAIS SECUNDÁRIOS - S.65 a 66.1

B2.12 - PERFIL LONG. - CANAIS SECUNDÁRIOS - S.67 a 67.9

B2.13 - PERFIL LONG. - CANAIS SECUNDÁRIOS - S.67 a 67.9

B2.14 - SEÇÕES TIPO DOS CANAIS

B2.15 - PERFIL LONG. - CANAL PRINCIPAL

B2.16 - PERFIL LONG. - CANAL PRINCIPAL

B2.17 - PERFIL LONG. - CANAL PRINCIPAL

B2.18 - PERFIL LONG. - CANAL PRINCIPAL

B2.19 - PERFIL LONG. - CANAL PRINCIPAL

ESTADO DO CEARÁ
SECRETARIA DE RECURSOS
15/1460
BIBLIOTECA

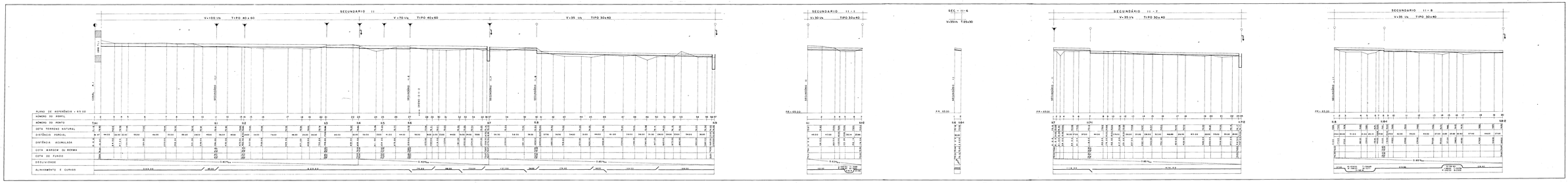
MINISTÉRIO DO INTERIOR
MINISTÉRIO DA AGRICULTURA
DEPARTAMENTO NACIONAL DE OBRAS CONTRA AS SECAS
D N O C S

AÇUDE PÚBLICO – AIRES DE SOUZA

PROJETO DE IRRIGAÇÃO

TOMO - III REDE DE IRRIGAÇÃO
B-2 PERFIS

ESCALA: 1:2000 / 1:100	RESPONSÁVEL:	REVISADO:	AGOSTO / 1973
PERFIL LONGITUDINAL - CANAIS SECUNDÁRIOS			B2.I
S. 11 a 11-B			
CONSÓRCIO SCET COOP/SRAC/CONESPLAN			FOFOLASA



REPÚBLICA FEDERATIVA
MINISTÉRIO DA INTEGRAÇÃO
DEPARTAMENTO NACIONAL DE OBRAS CONTRA AS SECAS

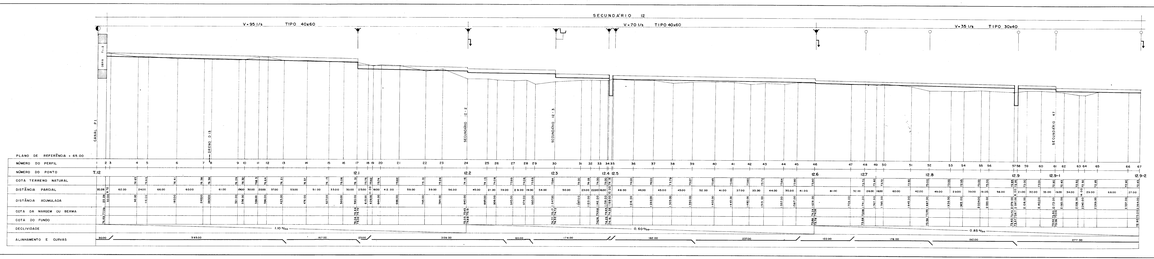
ACUDE PÚBLICO – AIRES DE SOUZA

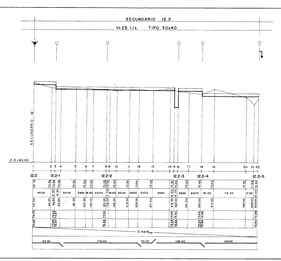
PROJETO DE IRRIGAÇÃO

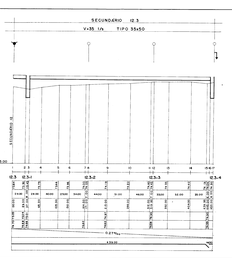
TOMO - III REDE DE IRRIGAÇÃO
B-2 PERFIS

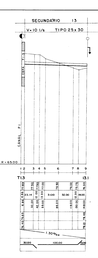
QUADRO

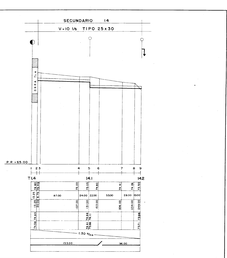
ESCALA H=1:2000	ESCALA V=1:200	REPRESENTOU:	ELEVAÇÃO:	DATA: JUN/	
1	PERFIL LONGITUDINAL - CANAIS SECUNDÁRIOS			B2.2	
	S. 12 e 14				
CONSÓRCIO SOFT COOPERPAS CONCEIÇÃO LTA					











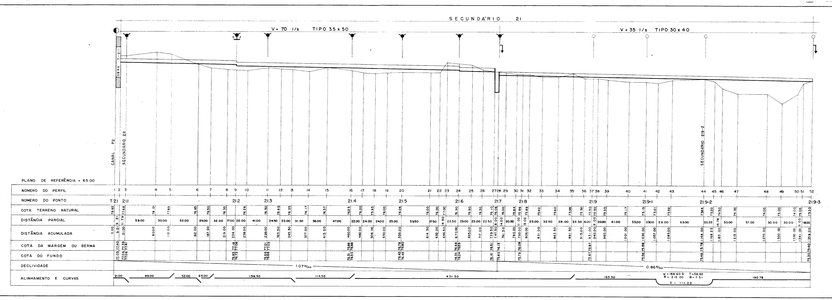
REPÚBLICA DO BRASIL
MINISTÉRIO DA INTERIOR
DEPARTAMENTO NACIONAL DE OBRAS CONTRA AS SECAS
D N O C S

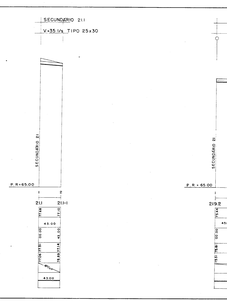
AÇUDE PÚBLICO – AIRES DE SOUZA

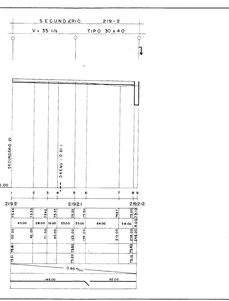
PROJETO DE IRRIGAÇÃO

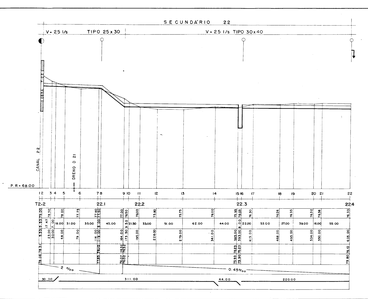
TOMO - III REDE DE IRRIGAÇÃO
B-2 PERFIS

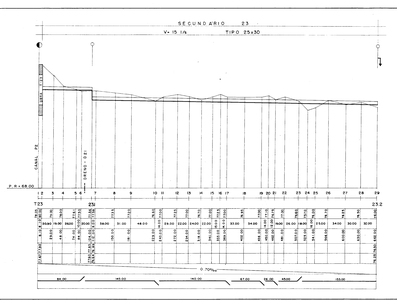
ESCALA: 1:2000 / 1:100	RESPONSÁVEL: ROSALVEM	DATA: 1978
PERFIL LONGITUDINAL - CANAIS SECUNDÁRIOS	B2.3
5.21 a 23	
CONSÓRCIO RICE / COOPERBRAC / CONSERLAN	PORTUGUÊS











REPÚBLICA FEDERATIVA DO BRASIL
MINISTÉRIO DA INTEGRAÇÃO
DEPARTAMENTO NACIONAL DE OBRAS CONTRA AS SECAS

AÇUDE PÚBLICO – AIRES DE SOUZA

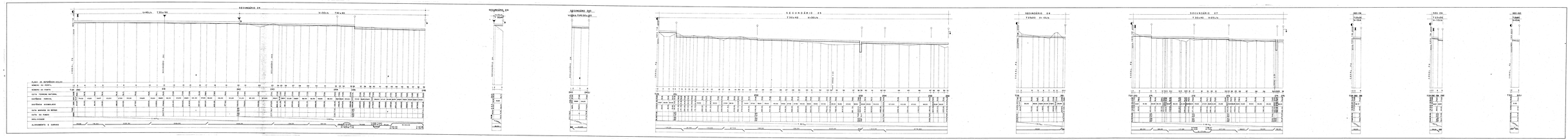
PROJETO DE IRRIGAÇÃO

TOMO - III REDE DE IRRIGAÇÃO

B-2 PERFIS

6000m3

ESTUDO, PROJETO E ASSISTÊNCIA TÉCNICA — ACORDO DE COOPERAÇÃO TÉCNICA	
PERFIL LONGITUDINAL - CANAIS SECUNDÁRIOS	B2-A
S.R.H.E.O.	
CONSÓRCIO SOLO CONSTRUÇÕES/CONCAP LTDA	



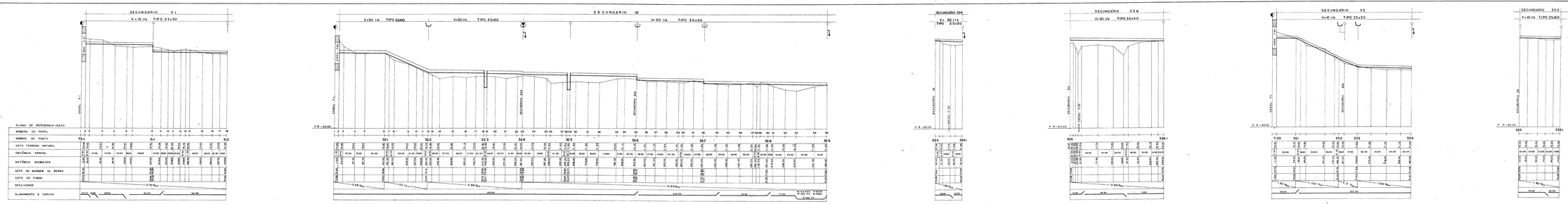
REPÚBLICA DO BRASIL
MINISTÉRIO DO INTERIOR
DEPARTAMENTO NACIONAL DE OBRAS CONTRA AS SECAS
D N O C S

AÇUDE PÚBLICO – AIRES DE SOUZA

PROJETO DE IRRIGAÇÃO

TOMO - III REDE DE IRRIGAÇÃO
B-2 PERFIS

ESCALAS: 1:2000 - 1:100	RESPONSÁVEL:	REVISADO:	DATA: 1972
PERFIL LONGITUDINAL - CANAIS SECUNDÁRIOS			B-05
S.31 a 332			34
CONSÓRCIO SCET-COOP SIRAC-CONESPLAN			PORTALEGRE


SECUNDÁRIO 31
V=15 l/s TIPO 25x30
SECUNDÁRIO 32
V=50 l/s TIPO 35x50
V=50 l/s TIPO 35x50
V=30 l/s TIPO 30x40
SECUNDÁRIO 324
V=20 l/s TIPO 25x30
SECUNDÁRIO 326
V=30 l/s TIPO 30x40
SECUNDÁRIO 33
V=10 l/s TIPO 25x30
SECUNDÁRIO 332
V=10 l/s TIPO 25x30
CANAL P.I.
SECUNDÁRIO 324
SECUNDÁRIO 326
SECUNDÁRIO 332
PLANO DE REFERÊNCIA=65.00
NÚMERO DO PERFIL
NÚMERO DO PONTO
COTA TERRENO NATURAL
DISTÂNCIA PARCIAL
DISTÂNCIA ACUMULADA
COTA DA MARGEM DO BERMA
COTA DO FUNDO
DECLIVIDADE
ALINHAMENTO E CURVAS
0.50 ‰
0.58 ‰
0.63 ‰
1.00 ‰
1.50 ‰
1.00 ‰
0.50

REPÚBLICA DO BRASIL
MINISTÉRIO DO INTERIOR
DEPARTAMENTO NACIONAL DE OBRAS CONTRA AS SECAS
D N O C S

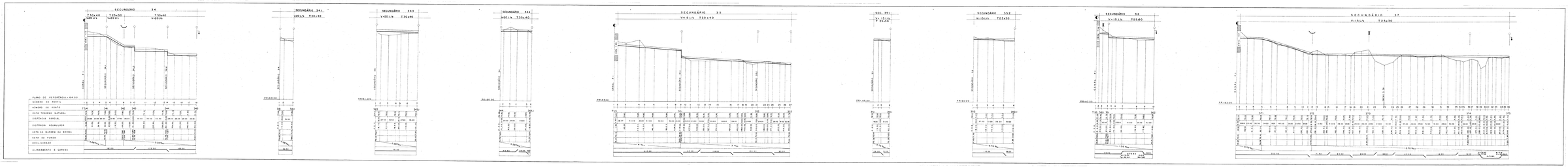
AÇUDE PÚBLICO – AIRES DE SOUZA

PROJETO DE IRRIGAÇÃO

TOMO - III REDE DE IRRIGAÇÃO

B-2 PERFIS

ESCALAS: LONG. 1:500	HORIZONTAL	ELEVAÇÕES	ÁREAS 1:50
PERFIL LONGITUDINAL – CANAIS SECUNDÁRIOS			B2.6
S 34 a 37			
CONSÓRCIO SOET COOPERAC/CONESPLAN			FORTALEZA



REPÚBLICA DO BRASIL
MINISTÉRIO DO INTERIOR
DEPARTAMENTO NACIONAL DE OBRAS CONTRA AS SECAS
D N O C S

AÇUDE PÚBLICO – AIRES DE SOUZA

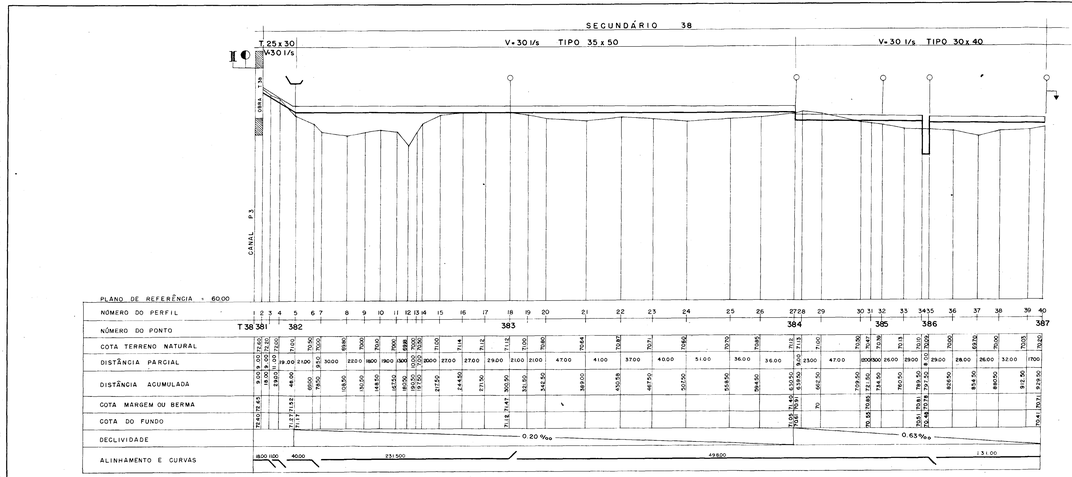
PROJETO DE IRRIGAÇÃO

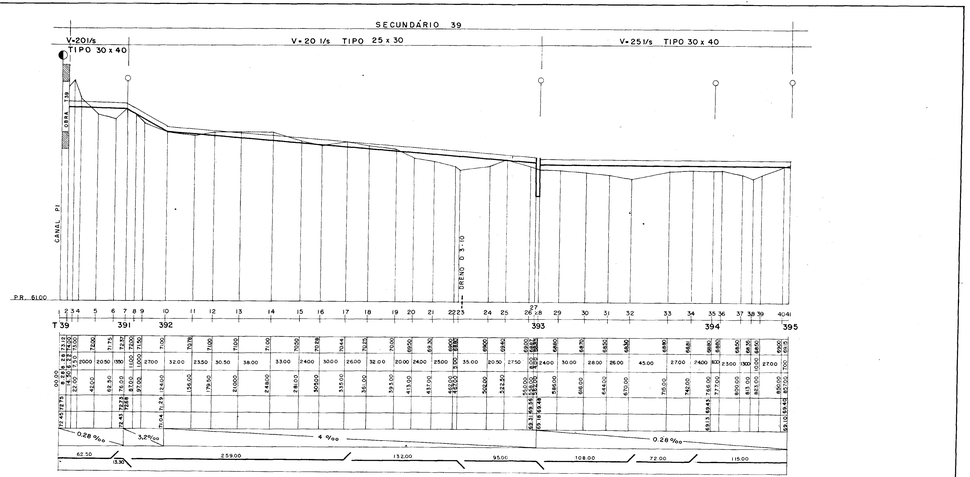
TOMO - III REDE DE IRRIGAÇÃO

B-2 PERFIS

000010

ESCALAS - 1/2000 - 1/100	RESPONSÁVEL BOUVAGNON	AGOSTO 1972
PERFIL LONGITUDINAL – CANAIS SECUNDÁRIOS S. 38 a 39		B2.7
CONSORCIO-SCET-COOP/SIRAC/CONESPLAN		FORTALEZA





MINISTÉRIO DA REFORMA
E DESENVOLVIMENTO AGRÁRIO
DEPARTAMENTO NACIONAL DE OBRAS CONTRA AS SECAS

ACUDE PÚBLICO – AIRES DE SOUZA

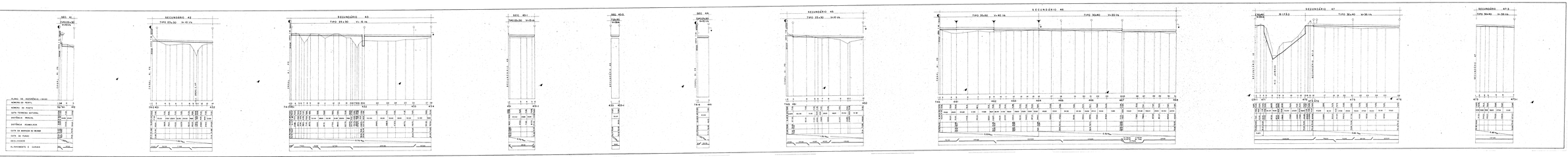
PROJETO DE IRRIGAÇÃO

TOMO - III REDE DE IRRIGAÇÃO

B-2 PERFIS

0000111

ITEM CONCLUSÃO - SEMI-MECANIZADA - ACUDE PÚBLICO - AIRES DE SOUZA	
PERFIL LONGITUDINAL - CANAIS SECUNDÁRIOS	02.B
S.R.I. 473	
CONSÓRCIO SOLY-CAMPANA-TONELLI-AFA	



ESTADO DA BAHIA
SECRETARIA DE ESTADO
DA AGRICULTURA, IRRIGAÇÃO E REFORMA AGRÁRIA
DEPARTAMENTO NACIONAL DE OBRAS CONTRA AS SECAS
4ª D.T.O.

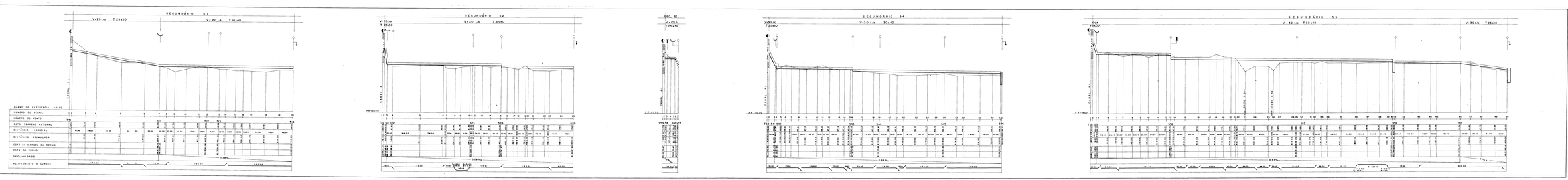
AÇUDE PÚBLICO - AIRES DE SOUZA

PROJETO DE IRRIGAÇÃO

TOMO - III REDE DE IRRIGAÇÃO
B-2 PERFIS

ESCALA: 1:1000 / 1:100	RESPONSÁVEL:	DESENHISTA:	DATA:
PERFIL LONGITUDINAL - CANAIS SECUNDÁRIOS			82.9
5.01 a 5.5			
CONSÓRCIO ACLT-COOPSABAC/CONESPLAN			PRANCHA 5.01

000012



REPÚBLICA DO BRASIL
MINISTÉRIO DO INTERIOR
DEPARTAMENTO NACIONAL DE OBRAS CONTRA AS SECAS
D N O C S

AÇUDE PÚBLICO – AIRES DE SOUZA

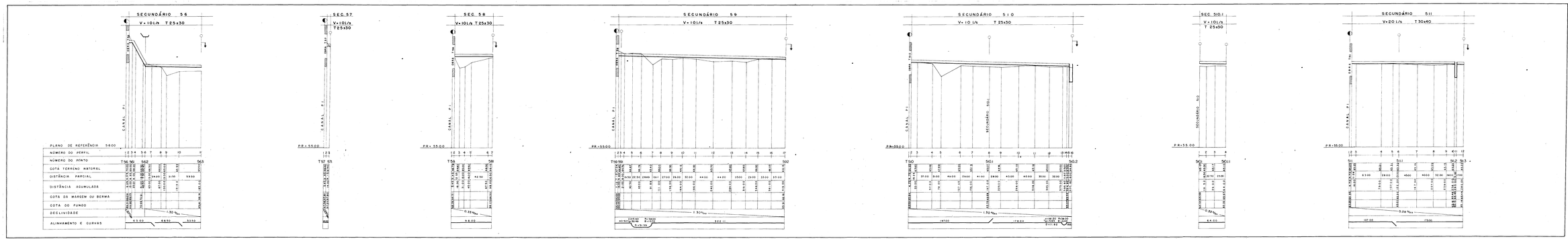
PROJETO DE IRRIGAÇÃO

TOMO - III REDE DE IRRIGAÇÃO

B-2 PERFIS

000013

ESCALAS: 1/2000 - 1/200	RESPONSÁVEL: ROUVAGNER	AGOSTO 1972	
PERFIL LONGITUDINAL - CANAIS SECUNDÁRIOS S. 56 a 5 11			B2.10
COMSORCIO-SCET-COOP/SRAC/CONESPLAN			FORTALEZA



PREFEITURA DE BRASÍLIA
SECRETARIA DE OBRAS
DEPARTAMENTO TÉCNICO DE ENGENHARIA
1 2 3 4 5 6

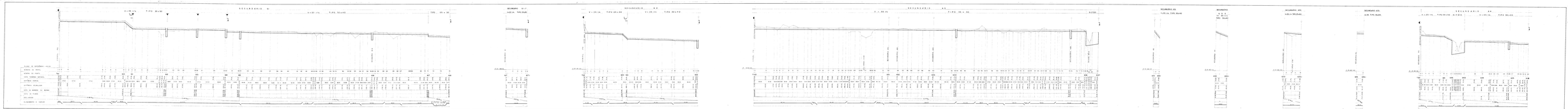
ACUDE PÓRLICO - ARIES DE SOUZA

PROJETO DE IRRIGAÇÃO

TOMO - III REDE DE IRRIGAÇÃO
III-2 PERFIS

6.0011

PERFIL LONGITUDINAL - BANCO SECUNDÁRIO		III-2
ESCALA: H. 1:2.000	V. 1:200	



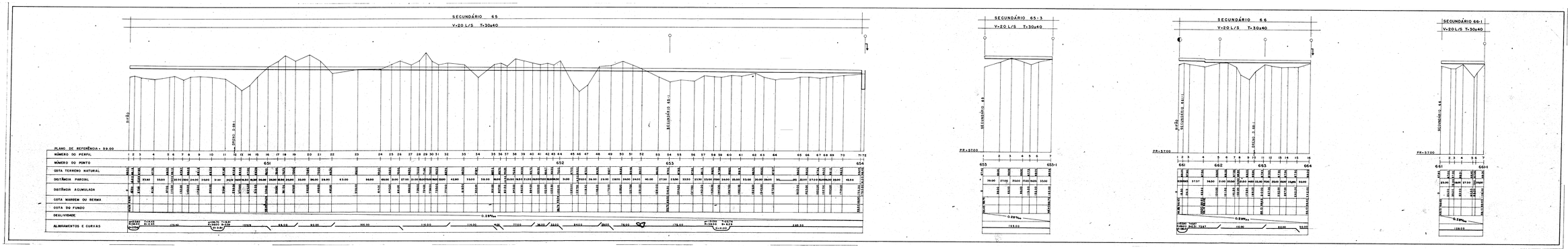
REPÚBLICA DO BRASIL
MINISTÉRIO DO INTERIOR
DEPARTAMENTO NACIONAL DE OBRAS CONTRA AS SECAS
D N O C S

AÇUDE PÚBLICO – AIRES DE SOUZA

PROJETO DE IRRIGAÇÃO

TOMO - III REDE DE IRRIGAÇÃO
B-2 PERFIS

ESCALAS: 1/2000-1/200	RESPONSÁVEL: BEZERRA
AGOSTO 1972	
PERFIL LONGITUDINAL - CANAIS SECUNDÁRIOS	B2/2
S. 65 a 66.1	
CONSORCIO SCET-COOP/SRAC/CONESPLAN	FORTALEZA


SECUNDÁRIO 65
V=20 L/S T=30x40
SECUNDÁRIO 65-3
V=20 L/S T=30x40
SECUNDÁRIO 66
V=20 L/S T=30x40
SECUNDÁRIO 66-1
V=20 L/S T=30x40
PLANO DE REFERÊNCIA = 59.00
NÚMERO DO PERFIL
NÚMERO DO PONTO
COTA TERRENO NATURAL
DISTÂNCIA PARCIAL
DISTÂNCIA ACUMULADA
COTA MARGEM OU BERMA
COTA DO FUNDO
DECLIVIDADE
ALINHAMENTOS E CURVAS
SIFÃO
SECUNDÁRIO 65.1
SECUNDÁRIO 65-3
SECUNDÁRIO 66.1
SECUNDÁRIO 66
DREN. S. 66.1
PR=57.00
0.28%
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MINISTÉRIO DA INTEGRAÇÃO NACIONAL
DEPARTAMENTO NACIONAL DE OBRAS CONTRA AS SECAS
D N O C S

AÇUDE PÚBLICO - ARIES DE SOUZA

PROJETO DE IRRIGAÇÃO

TOMO - III REDE DE IRRIGAÇÃO
8-2 PERFIS

ESCALAS
HORIZONTAL 1:2000 VERTICAL 1:200

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REVISÃO	DATA	APROVAÇÃO

PERFIL LONGITUDINAL - CANAIS SECUNDÁRIOS

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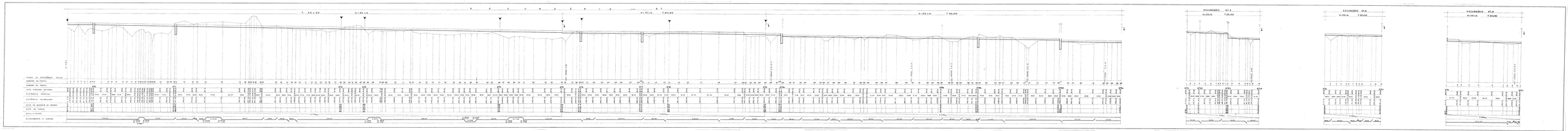
CONSULTORES: SOLO - CONSULTORIA - ASSESSORIA - PROJETOS



REPÚBLICA FEDERATIVA DO BRASIL
DEPARTAMENTO NACIONAL DE OBRAS CONTRA AS SECAS

AÇUDE PÚBLICO — AIRES DE SOUZA

PROJETO DE IRRIGAÇÃO

TOMO - III REDE DE IRRIGAÇÃO

B2 PERFIS

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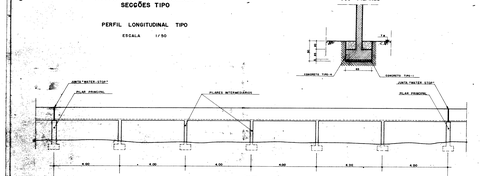
ORIGINAL - CONCLUÍDO - REVISADO - EXECUTADO - ANDRÉ		
SEÇÕES TIPOS DOS CANAIS	B2/4	
CONSÓRCIO SOETCO/CAMARGO CORRÊA		

CANAIS EM CONCRETO ARMADO
SEÇÕES TIPO

PERFIL LONGITUDINAL TIPO

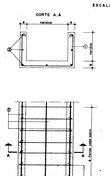
ESCALA 1/50



DETALHE DE FUNDAÇÃO DOS PILARES

CANAIS TIPO 25x30 - 30x40 - 35x50

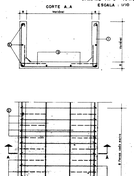
ESCALA 1/10



QUADRO DE FERRAGEM (peso / metro de canal)				
CANAL TIPO		25 x 30	30 x 40	35 x 50
Barras	φ	1/4"	1/4"	1/4"
	Quant.	8	8	8
	Comp.	1.00	1.20	1.40
	Peso	0.78	0.18	0.87
Estribos	φ	3/16	3/16	3/16
	Quant.	2	2	2
	Comp.	1.00	1.20	1.40
	Peso	0.37	0.44	0.51
Barras	φ	1/2"	1/2"	1/2"
	Quant.	1	2	2
	Comp.	1.20	1.20	1.20
	Peso	0.75	1.50	1.50
Estribos	φ	3/16	3/16	3/16
	Quant.	2.50	2.50	2.50
	Comp.	0.80	0.80	0.80
	Peso	0.37	0.37	0.37
PESO (Q) KG		2.28	3.49	4.25
DIMENSÕES DAS CHAPAS		1.52	1.52	1.52
		0.75	0.75	0.75
PESO TOTAL EM Kg		10.250	15.480	19.125

CANAIS TIPO 40x60 - 50x80

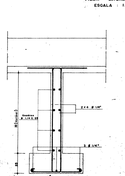
ESCALA 1/10



QUADRO DE FERRAGEM (peso / metro de canal)				
CANAL TIPO		40 x 60	50 x 80	
Barras	φ	1/4"	1/4"	
	Quant.	8	8	
	Comp.	1.60	1.80	
	Peso	1.24	1.40	
Estribos	φ	3/16	3/16	
	Quant.	2.50	2.50	
	Comp.	1.60	1.80	
	Peso	0.59	0.66	
Barras	φ	3/8"	3/8"	
	Quant.	2	2	
	Comp.	1.20	1.20	
	Peso	0.67	0.67	
Estribos	φ	3/16	3/16	
	Quant.	2.50	2.50	
	Comp.	0.80	0.80	
	Peso	0.37	0.37	
PESO (Q) KG		3.26	3.47	
DIMENSÕES DAS CHAPAS		1.52	1.52	
		0.75	0.75	
PESO TOTAL EM Kg		19.550	19.980	

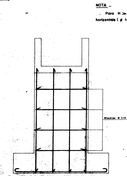
PILAR INTERMEDIÁRIO

ESCALA 1/10



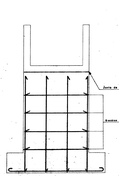
NOTA:

Para H ≥ 0.50m prever quadros horizontais φ 1/4" cada 25 cm



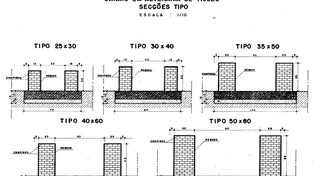
PILAR PRINCIPAL

ESCALA 1/10



CANAIS EM ALVENARIA DE TIJOLO
SEÇÕES TIPO

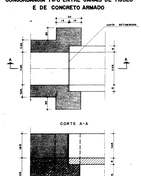
ESCALA 1/10



1ª FASE DE CONSTRUÇÃO

2ª FASE DE CONSTRUÇÃO

CONCORDÂNCIA TIPO ENTRE CANAIS DE TIJOLO E DE CONCRETO ARMADO


JUNTA DESLIZANTE
A
A
CORTE A-A
A
A
A
A
A

MINISTÉRIO DO INTERIOR
DEPARTAMENTO NACIONAL DE OBRAS CONTRA AS SECAS
— D N O C S —

AÇUDE PÚBLICO – ARIES DE SOUZA

PROJETO DE IRRIGAÇÃO

TOMO - III REDE DE IRRIGAÇÃO
B-2 PERFIS

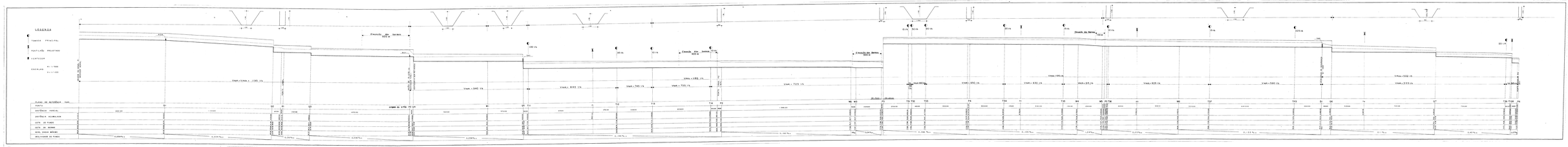
Quadro B

1	1	1	1	1	1	1	1

1	1	1	1	1	1	1	1

PERFIL LONGITUDINAL – CANAL PRINCIPAL 02.D

PE. FRANCISCO J.
COORDENADOR BOLS COORDENAÇÃO COMERCIAL — CREA-CE



MINISTÉRIO DA REFORMA
MINISTÉRIO DA DEFESA
DEPARTAMENTO NACIONAL DE OBRAS CONTRA AS SECAS
3 - 4 - 5 - 6 - 7 - 8

AÇUDE PÚBLICO - AIRES DE SOUZA

PROJETO DE IRRIGAÇÃO

TOMO - III REDE DE IRRIGAÇÃO

B-2 PERFIS

Quixadá

ESCALA(S)	DATA	DESENHO	CONFERE	REVISÃO	ARQUIVO
1:2000 / 1:500					

PERFIL LONGITUDINAL - CANAL PRINCIPAL

B2-1/2

CONSÓRCIO BOTT COOPTRACO COMPLAN

LEGENDA

- CURVAS PRINCIPAL
- PONTUAÇÃO ORIGINAL
- LANÇADA
- ESCALAS
  - H.1:2000
  - V.1:100

PLANO DE REFERÊNCIA MEDIO

PONTO

DISTÂNCIA PARCIAL

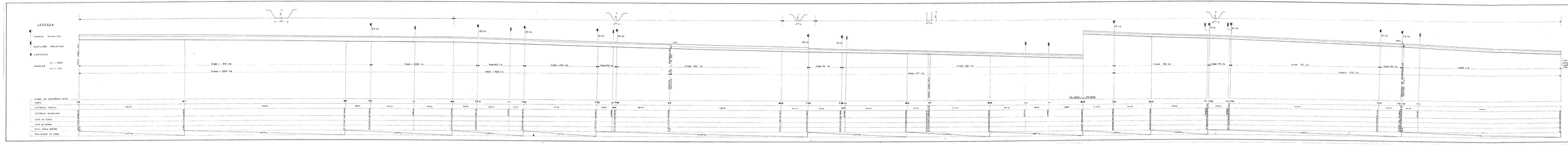
DISTÂNCIA ACUMULADA

COTA DO FUNDO

COTA DA REGRA

REAL CANAL MEDIO

DECLIVIDADE DO FUNDO



REPÚBLICA DO BRASIL
MINISTÉRIO DO INTERIOR
DEPARTAMENTO NACIONAL DE OBRAS CONTRA AS SECAS
D. N. O. C. S

AÇUDE PÚBLICO – AIRES DE SOUZA

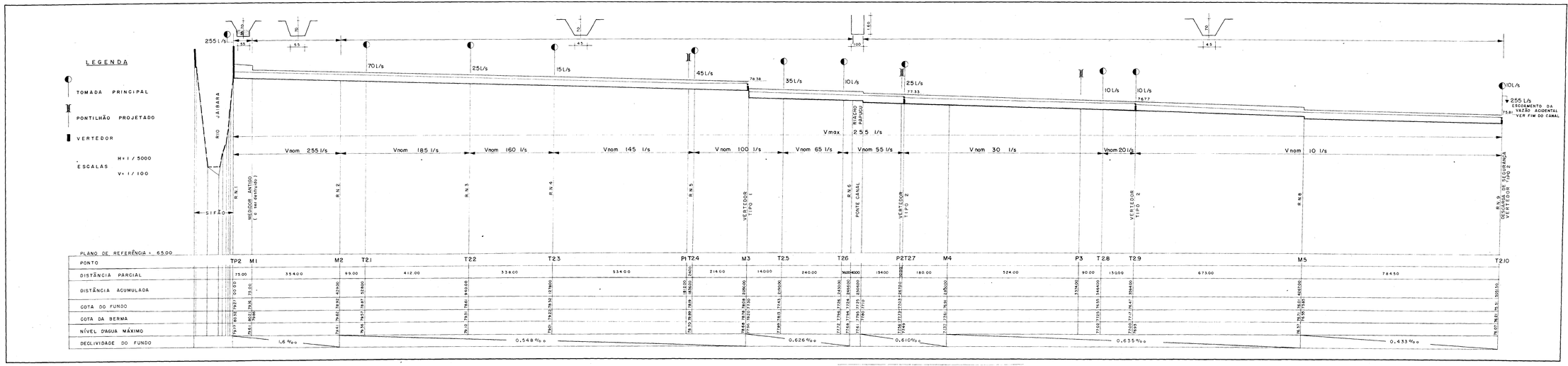
PROJETO DE IRRIGAÇÃO

TOMO - III REDE DE IRRIGAÇÃO

B-2 PERFIS

006020

ESCALAS – 1/5000 – 1/100	RESPONSÁVEL BOUVACHON	AGOSTO 1972
PERFIL LONGITUDINAL - CANAL PRINCIPAL		B2.17
P2		
CONSORCIO-SCET-COOP/SIRAC/CONESPLAN		FORTALEZA



REPÚBLICA DO BRASIL
MINISTÉRIO DO INTERIOR
DEPARTAMENTO NACIONAL DE OBRAS CONTRA AS SECAS
D. N. O. C. S

AÇUDE PÚBLICO – AIRES DE SOUZA

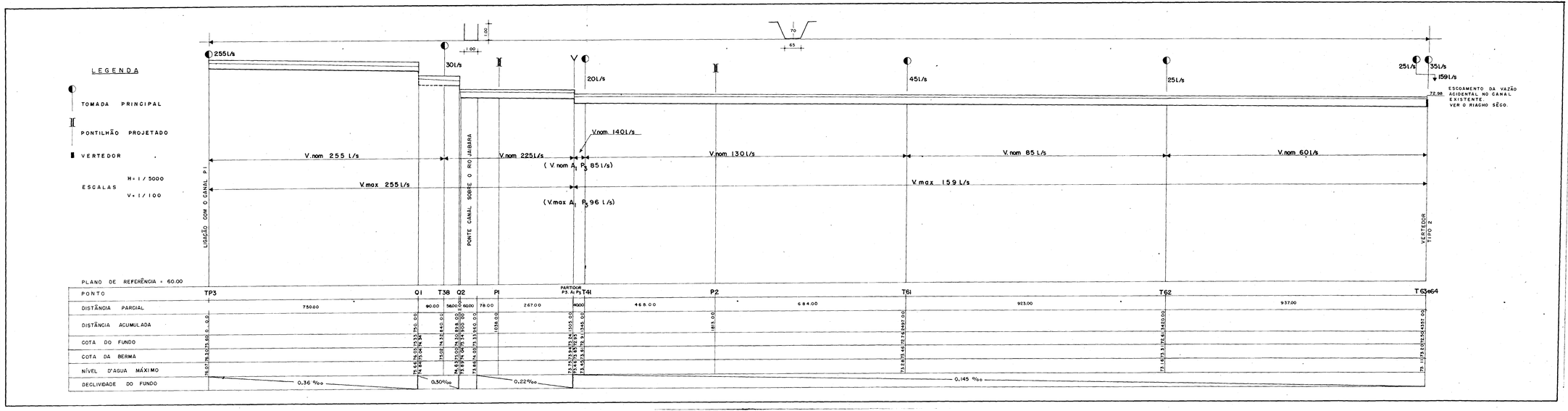
PROJETO DE IRRIGAÇÃO

TOMO - III REDE DE IRRIGAÇÃO

B-2 PERFIS

000021

ESCALAS – 1/5000 – 1/100	RESPONSÁVEL BOUVACHON	AGOSTO 1972
PERFIL LONGITUDINAL – CANAL PRINCIPAL P3		B2.18
CONSORCIO-SCET-COOP/SIRAC/CONESPLAN		FORTALEZA



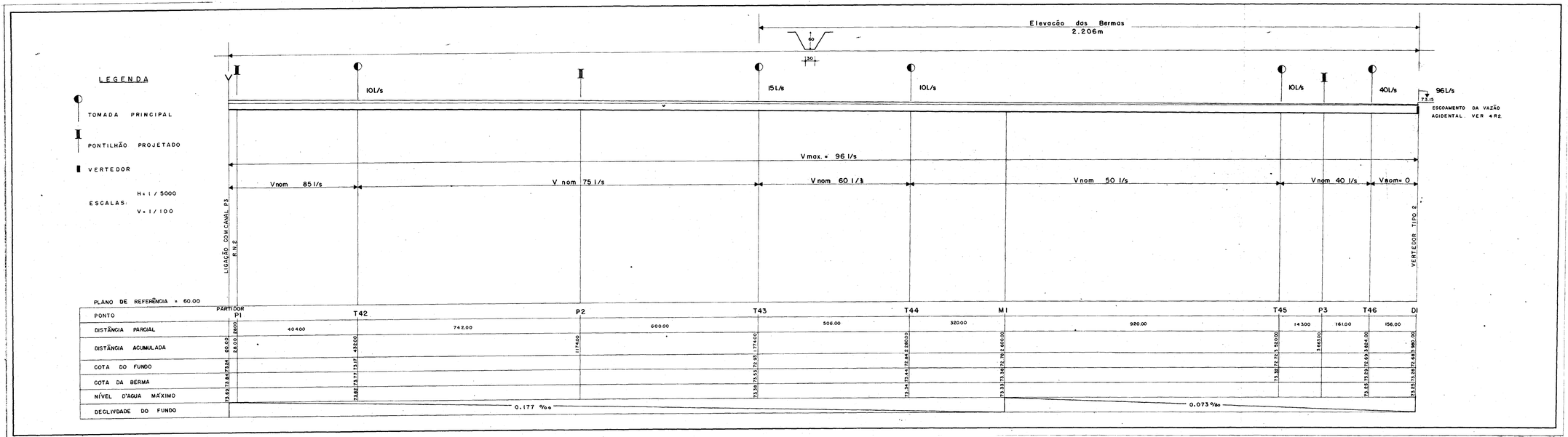
REPÚBLICA DO BRASIL
MINISTÉRIO DO INTERIOR
DEPARTAMENTO NACIONAL DE OBRAS CONTRA AS SECAS
D. N. O. C. S

AÇUDE PÚBLICO – AIRES DE SOUZA

PROJETO DE IRRIGAÇÃO

TOMO - III REDE DE IRRIGAÇÃO

B-2 PERFIS

000622

ESCALAS – 1/5000 – 1/100	RESPONSÁVEL : BOUVACHON	AGOSTO 1972
PERFIL LONGITUDINAL - CANAL PRINCIPAL A1 - P3		B2.19
CONSORCIO-SCET-COOP/SIRAC/CONESPLAN		FORTALEZA