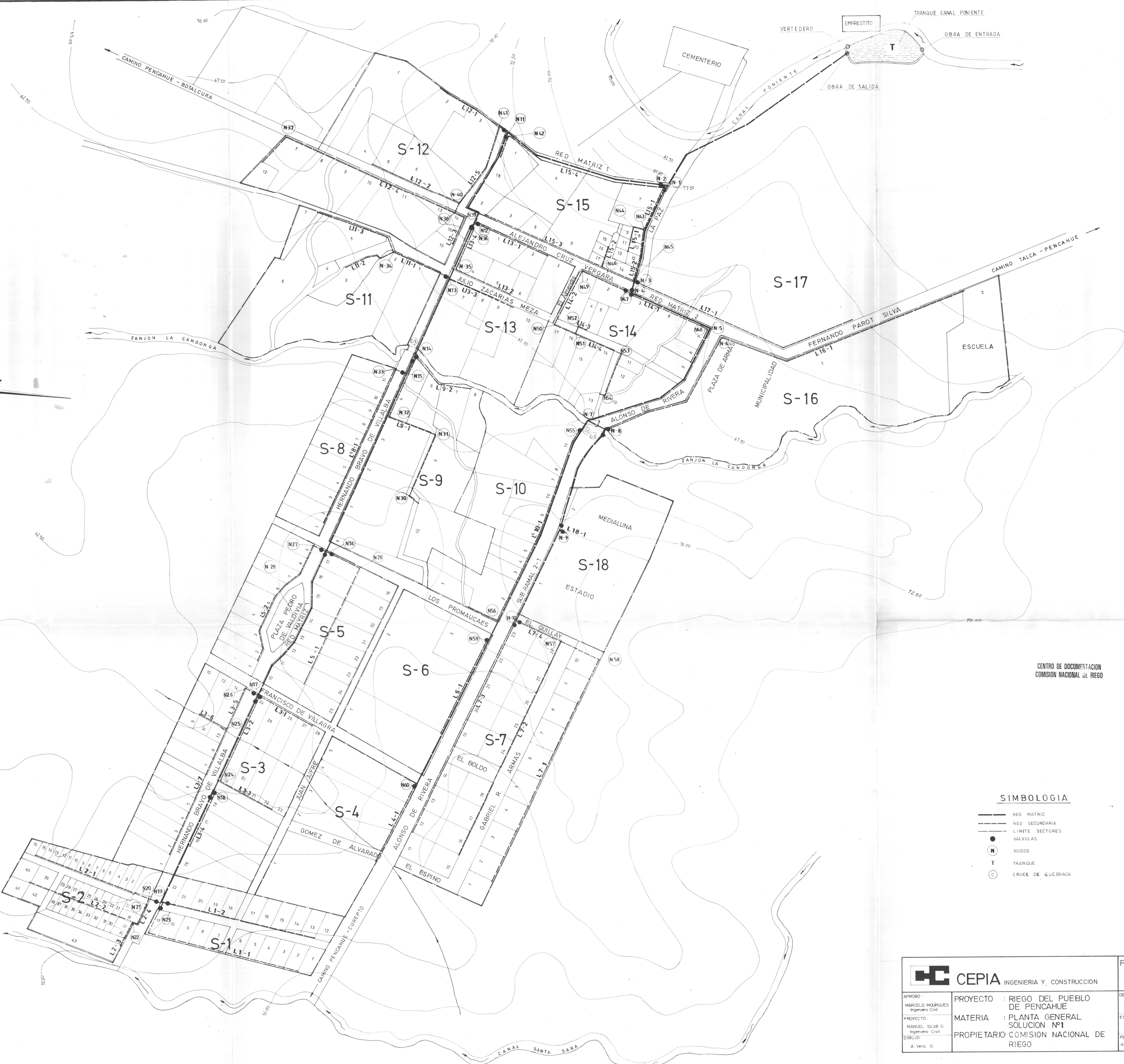
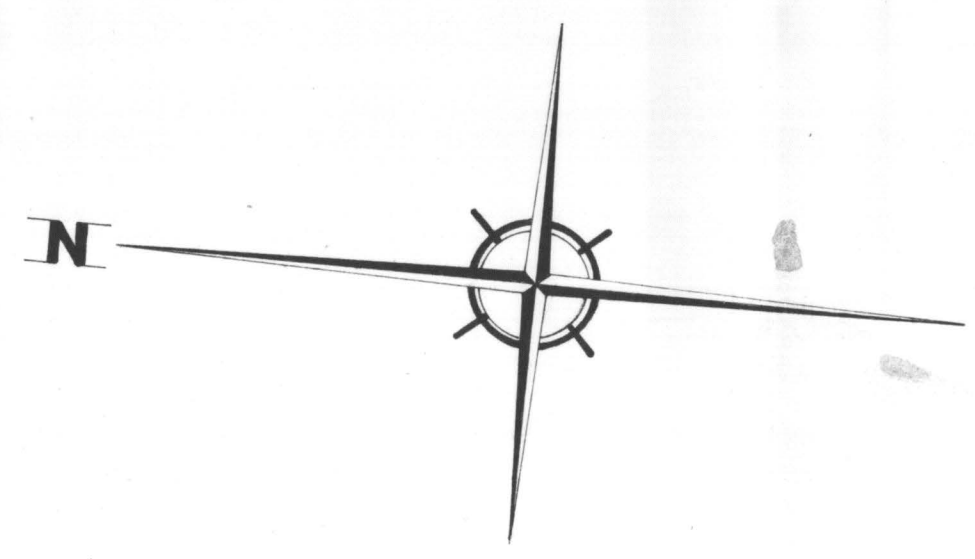
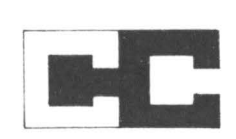


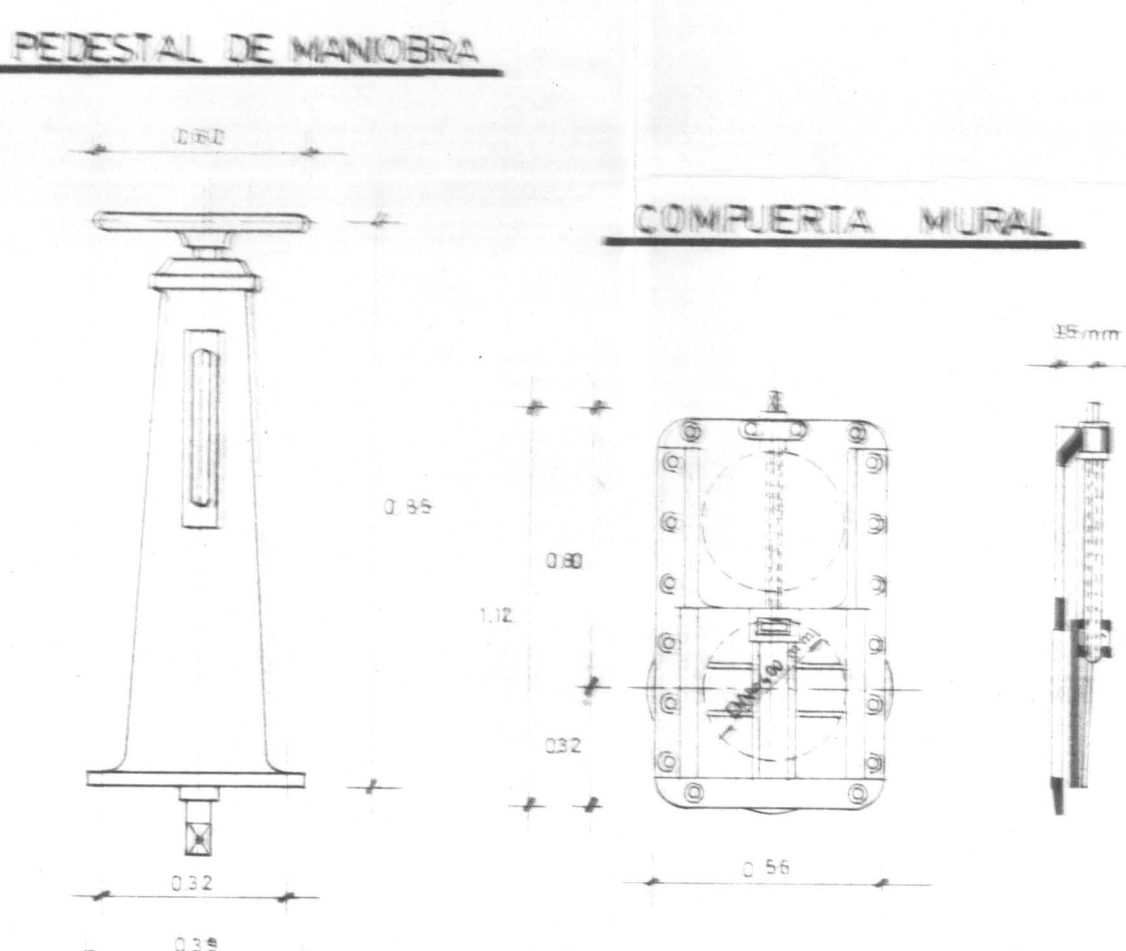


CENTRO DE DOCUMENTACION
COMISION NACIONAL DE RIEGO

SIMBOLOGIA

- RED MATRIZ
- - - RED SECUNDARIA
- LIMITE SECTORES
- VALVULAS
- NUDOS
- T TRANQUE
- CRUCE DE QUEBRADA

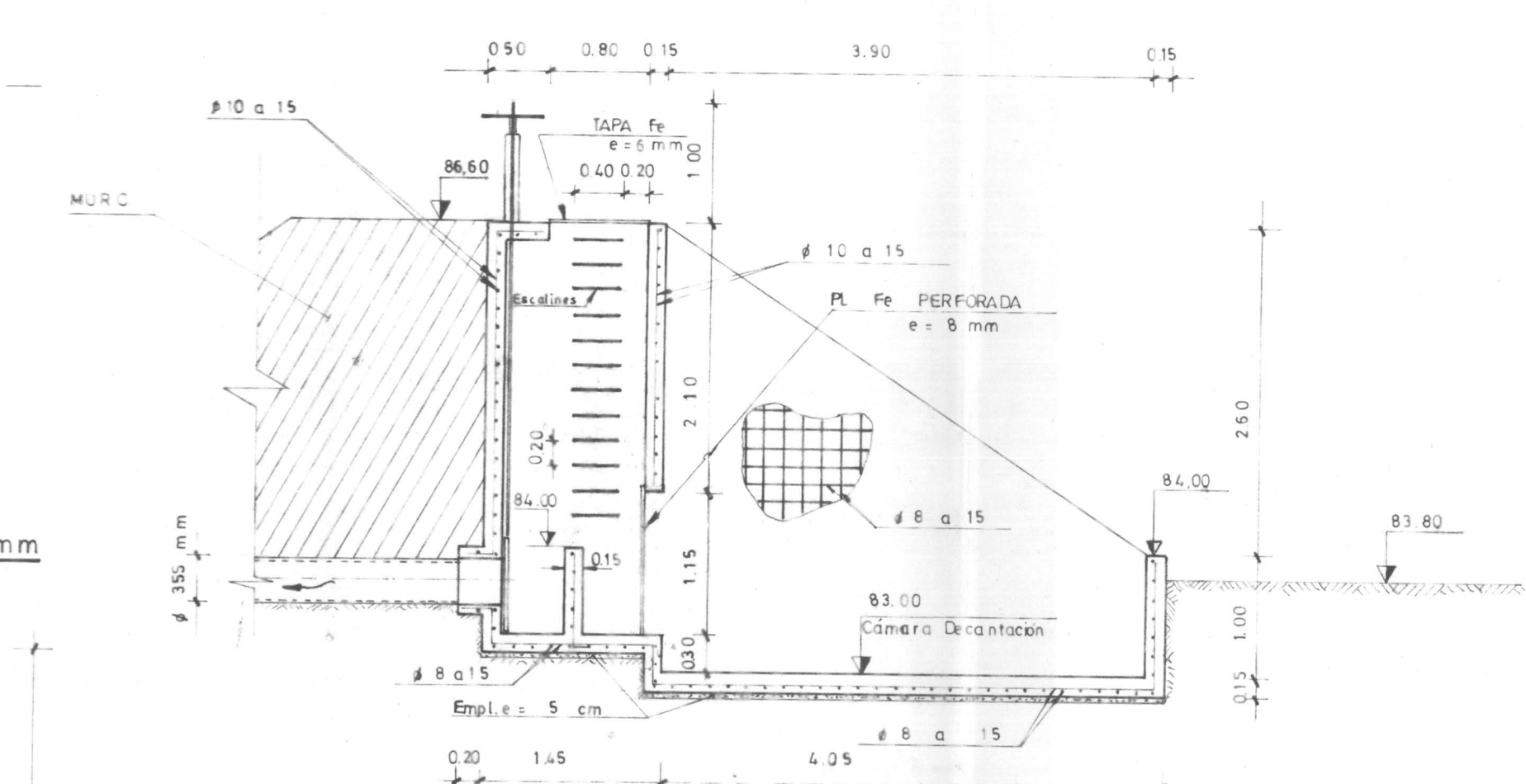
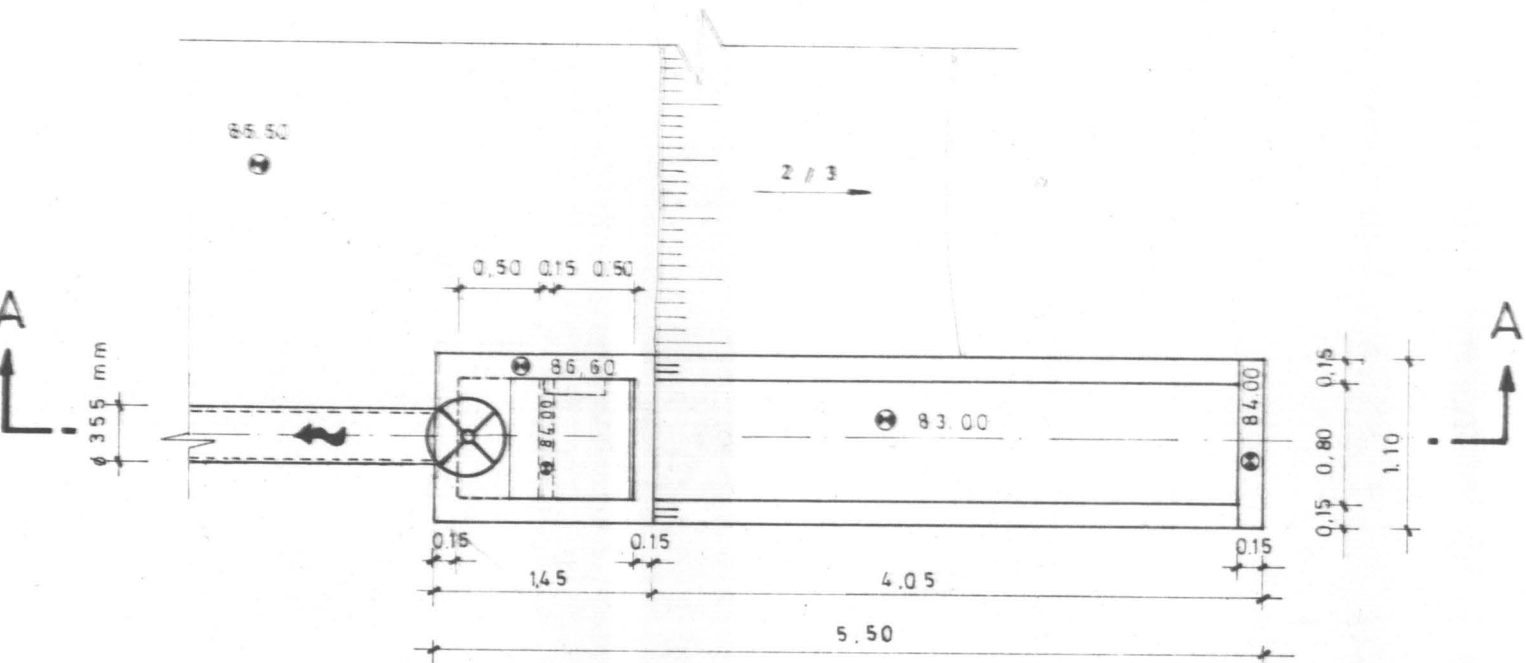
 CEPIA INGENIERIA Y CONSTRUCCION		PLANO Nº 1 / 8
APROBADO: MARCELO MOURGUES Ingeniero Civil	PROYECTO : RIEGO DEL PUEBLO DE PENCAHUE	OBSERVACIONES:
PROYECTO: MANUEL SILVA G. Ingeniero Civil	MATERIA : PLANTA GENERAL SOLUCION Nº1	ESCALA 1 : 2000
DIBUJO: A Vera G.	PROPIETARIO: COMISION NACIONAL DE RIEGO	FECHA: ABRIL - 1993



PLANCHAS Fe PERFORADAS

Ø 10 mm	PITCH 16 mm	e = 8 mm
	ESC 1:20	

PERFIL GUÍA 10 x 10 x 15 mm

[illegible]

Technical drawing of a rectangular structure, likely a foundation or wall section, showing dimensions and labels.

Dimensions:

- Overall width: 4.00
- Overall height: 1.35
- Top horizontal segments: 0.55, 0.92, 0.92
- Bottom horizontal segments: 0.55, 0.15, 2.00, 0.15, 10.00
- Vertical segments on the right: 0.15, 1.35, 1.50

Labels and Markings:

- B**: Labels at the top and bottom corners of the main structure.
- C**: Labels at the top and bottom corners of the right extension.
- 3/4**: Markings on the vertical lines of the main structure.
- 86.20**: Elevation marking on the top left of the right extension.
- 86.50**: Elevation marking on the top right of the right extension.
- 86.00**: Elevation marking in the center of the right extension.
- 86.50**: Elevation marking on the bottom left of the right extension.
- 86.50**: Elevation marking at the bottom left of the main structure.

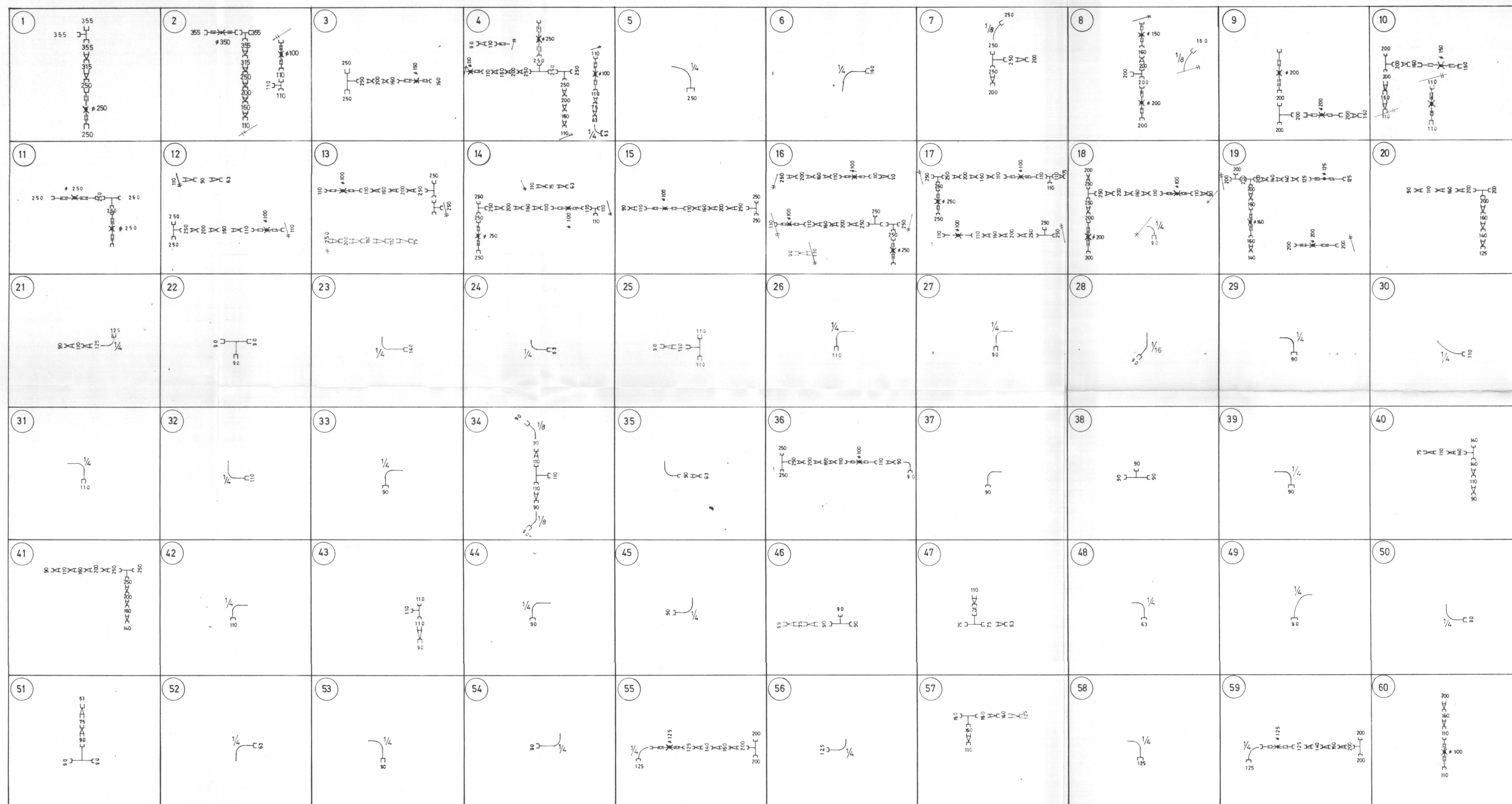
The drawing includes a central rectangular area filled with a pattern of small circles, possibly representing a mesh or a specific material. Arrows indicate directions or forces.

DISTANCIA	COTA TERRENO	COTA PROYECTO
0+00	86.70	86.70
1+00	86.70	86.70
2+00	86.70	86.70
3+00	86.70	86.70
4+00	86.70	86.70
5+00	86.70	86.70
6+00	86.70	86.70
7+00	86.70	86.70
8+00	86.70	86.70
9+00	86.70	86.70
10+00	86.70	86.70
11+00	86.70	86.70
12+00	86.70	86.70
13+00	86.70	86.70
14+00	86.70	86.70
15+00	86.70	86.70
16+00	86.70	86.70
17+00	86.70	86.70
18+00	86.70	86.70
19+00	86.70	86.70
20+00	86.70	86.70
21+00	86.70	86.70
22+00	86.70	86.70
23+00	86.70	86.70
24+00	86.70	86.70
25+00	86.70	86.70
26+00	86.70	86.70
27+00	86.70	86.70
28+00	86.70	86.70
29+00	86.70	86.70
30+00	86.70	86.70
31+00	86.70	86.70
32+00	86.70	86.70
33+00	86.70	86.70
34+00	86.70	86.70
35+00	86.70	86.70
36+00	86.70	86.70
37+00	86.70	86.70
38+00	86.70	86.70
39+00	86.70	86.70
40+00	86.70	86.70
41+00	86.70	86.70
42+00	86.70	86.70
43+00	86.70	86.70
44+00	86.70	86.70
45+00	86.70	86.70
46+00	86.70	86.70
47+00	86.70	86.70
48+00	86.70	86.70
49+00	86.70	86.70
50+00	86.70	86.70
51+00	86.70	86.70
52+00	86.70	86.70
53+00	86.70	86.70
54+00	86.70	86.70
55+00	86.70	86.70
56+00	86.70	86.70
57+00	86.70	86.70
58+00	86.70	86.70
59+00	86.70	86.70
60+00	86.70	86.70
61+00	86.70	86.70
62+00	86.70	86.70
63+00	86.70	86.70
64+00	86.70	86.70
65+00	86.70	86.70
66+00	86.70	86.70
67+00	86.70	86.70
68+00	86.70	86.70
69+00	86.70	86.70
70+00	86.70	86.70
71+00	86.70	86.70
72+00	86.70	86.70
73+00	86.70	86.70
74+00	86.70	86.70
75+00	86.70	86.70
76+00	86.70	86.70
77+00	86.70	86.70
78+00	86.70	86.70
79+00	86.70	86.70
80+00	86.70	86.70
81+00	86.70	86.70
82+00	86.70	86.70
83+00	86.70	86.70
84+00	86.70	86.70
85+00	86.70	86.70
86+00	86.70	86.70
87+00	86.70	86.70
88+00	86.70	86.70
89+00	86.70	86.70
90+00	86.70	86.70
91+00	86.70	86.70
92+00	86.70	86.70
93+00	86.70	86.70
94+00	86.70	86.70
95+00	86.70	86.70
96+00	86.70	86.70
97+00	86.70	86.70
98+00	86.70	86.70
99+00	86.70	86.70

DISTANCIA	COTA TERRENO	COTA PROYECTO
0.00	80.42	80.42
1.40	80.42	80.42
5.00	80.40	80.40
4.70	80.41	80.41
2.0	80.40	80.40
14.00	80.40	80.40
28.00	80.40	80.40
42.00	80.40	80.40
56.00	80.40	80.40
70.00	80.40	80.40
84.00	80.40	80.40
98.00	80.40	80.40
112.00	80.40	80.40
126.00	80.40	80.40
140.00	80.40	80.40

DISTANCIA	COTA TERRENO	COTA PROYECTO
0+00	66.32	66.80
1+00	66.32	66.80
2+00	66.00	66.80
3+00	65.70	66.80
4+00	65.40	66.80
5+00	65.10	66.80
6+00	64.80	66.80
7+00	64.50	66.80
8+00	64.20	66.80
9+00	63.90	66.80
10+00	63.60	66.80
11+00	63.30	66.80
12+00	63.00	66.80
13+00	62.70	66.80
14+00	62.40	66.80
15+00	62.10	66.80

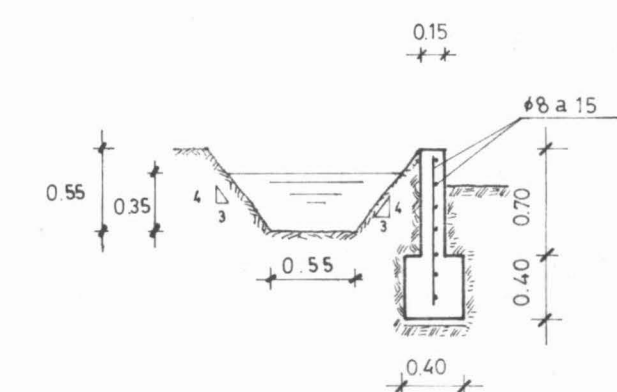
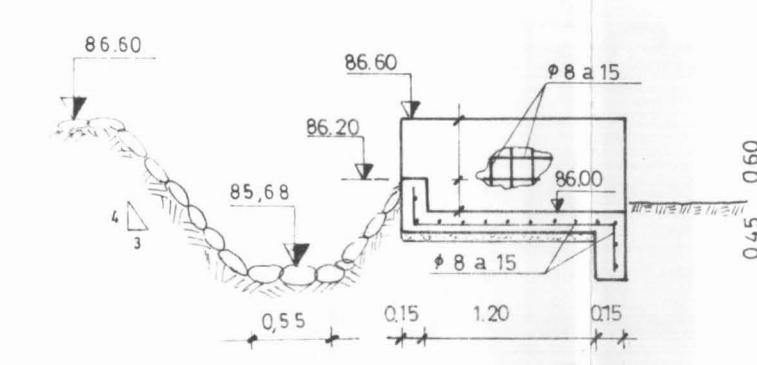
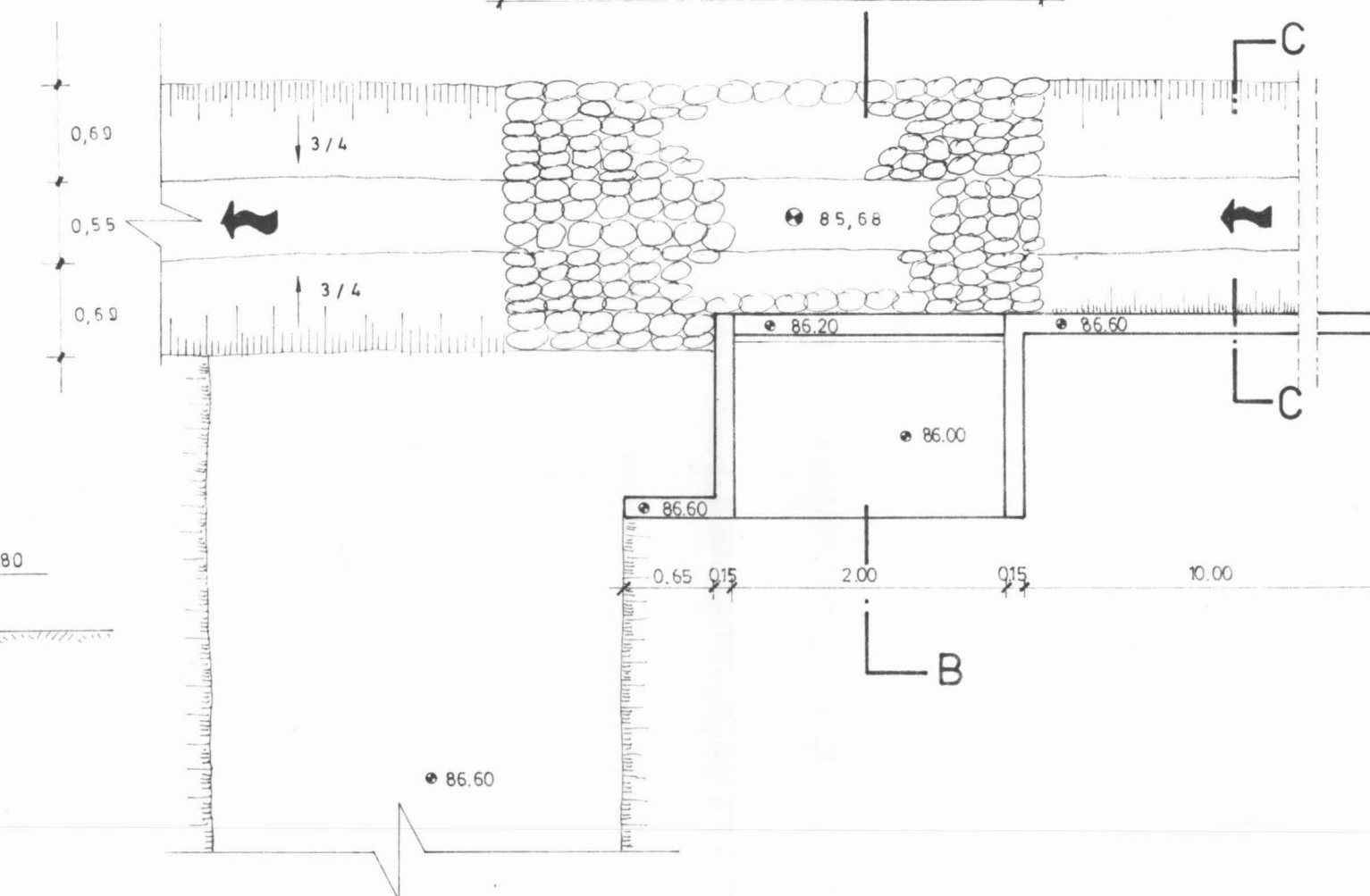
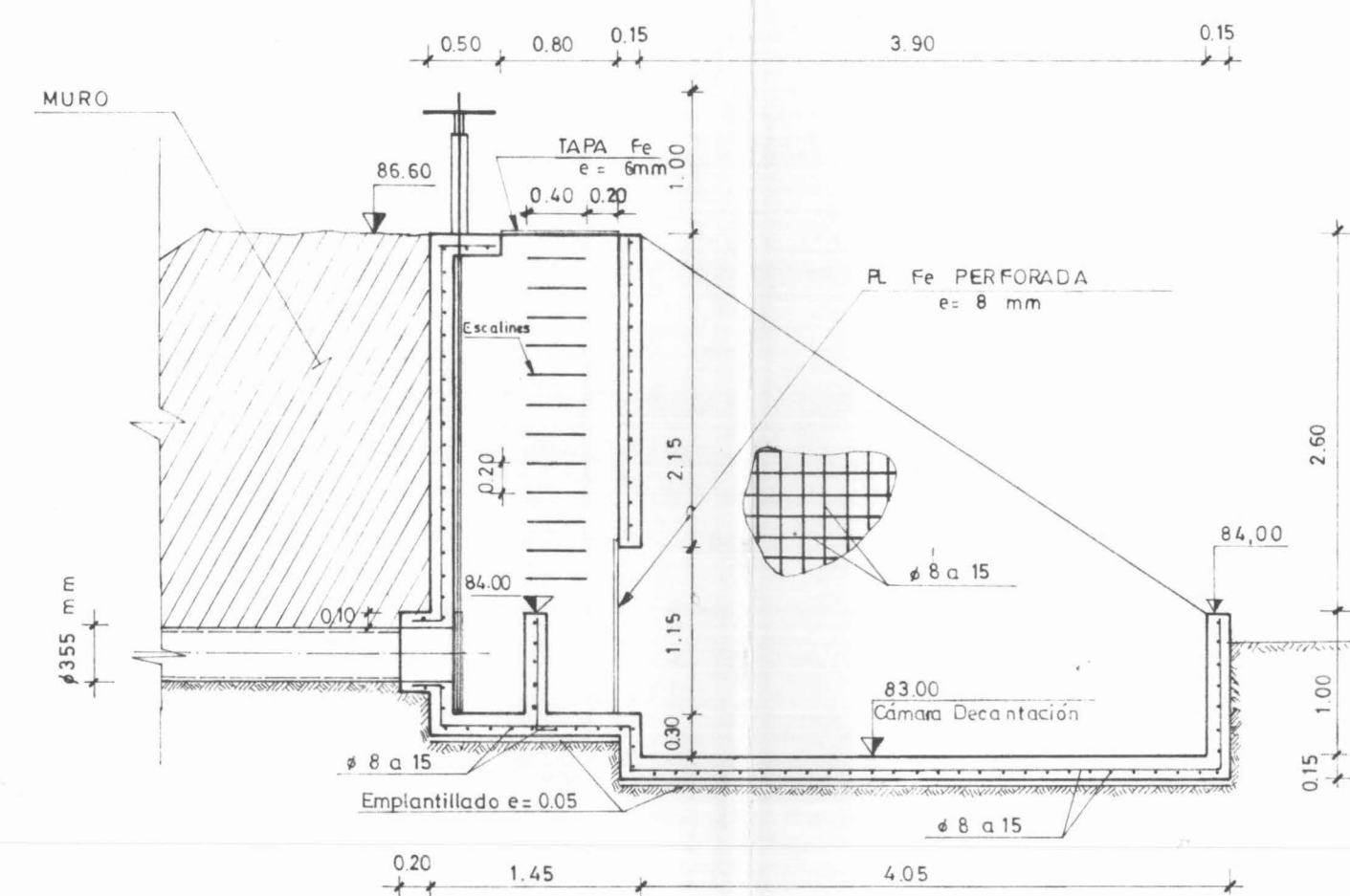
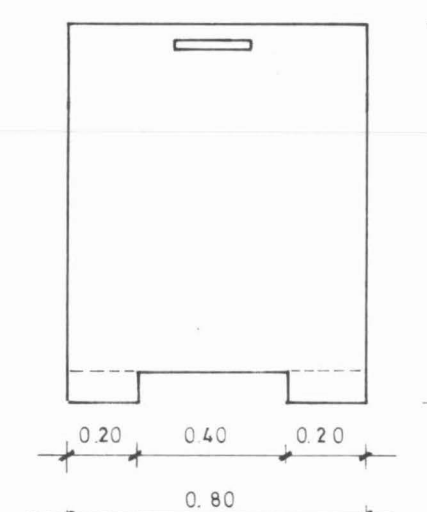
CENTRO DE DOCUMENTACION
COMISION NACIONAL DE RIEGO



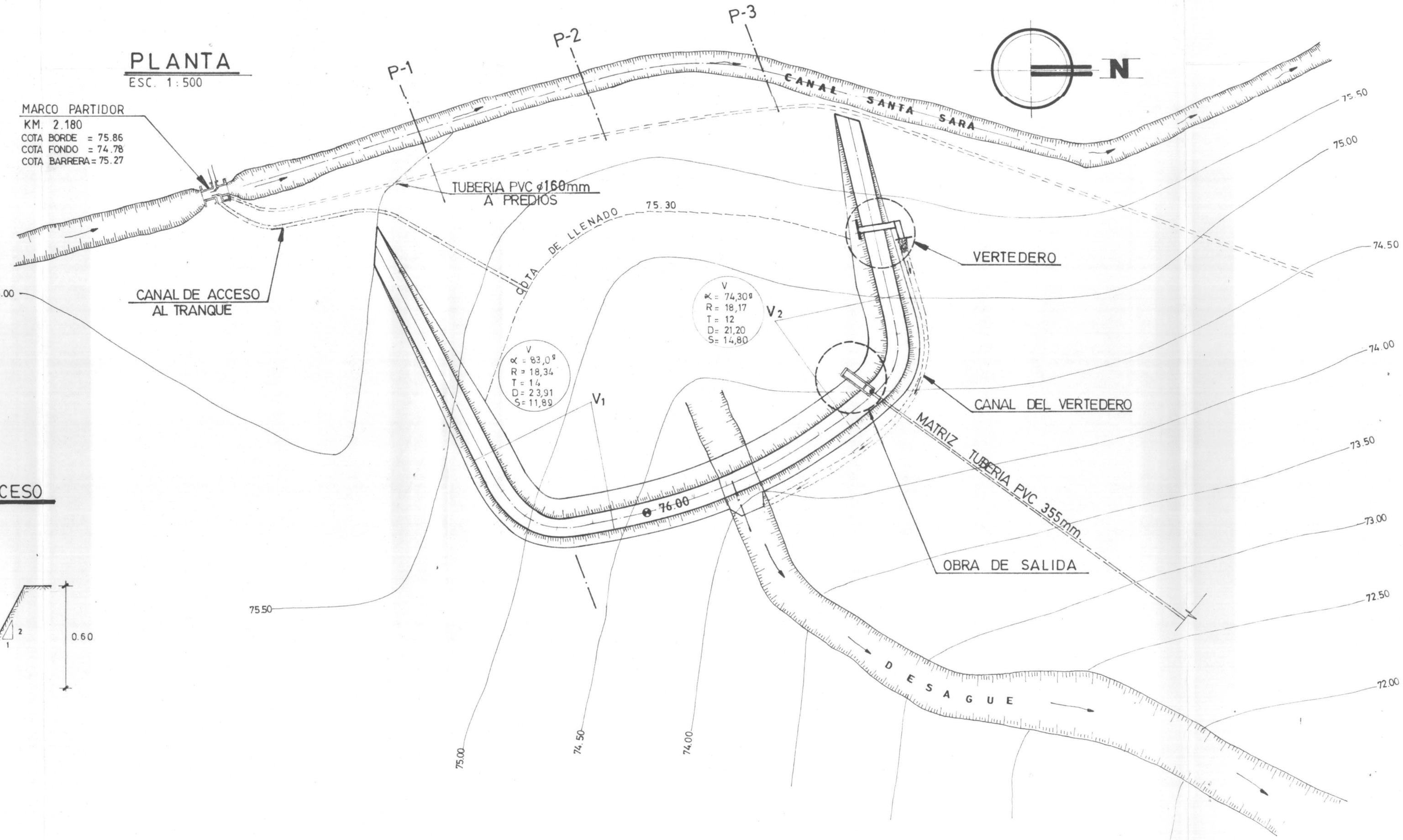
 CEPIA INGENIERIA Y CONSTRUCCION		PLANO N° 4 / 8
APROBO: MARCELO MOURGUES Ing. Civil	PROYECTO: RED DE RIEGO DEL PUEBLO DE PENCAHUE	
PROYECTO: MANUEL SILVA Ing. Civil	MATERIA: CUADRO DE NUDOS	
DIBUJO: ANIBAL VERA	PROPIETARIO: COMISION NACIONAL DE RIEGO	
		FECHA: MAYO - 1993
OBSERVACION:		

PERFILES TRANSVERSALES

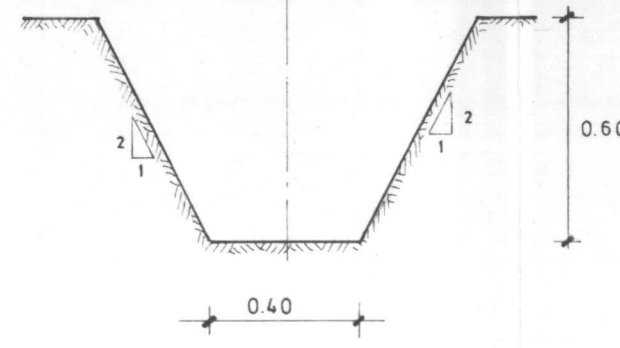
	P.O.					
DISTANCIA	0.00	5.00	10.00	15.00	20.00	25.00
COTA TERRENO	86.98	86.70	86.23	85.98	85.50	85.00
COTA PROYECTO	86.98	86.70	86.23	85.98	85.50	85.00



PLANTA
ESC. 1:500



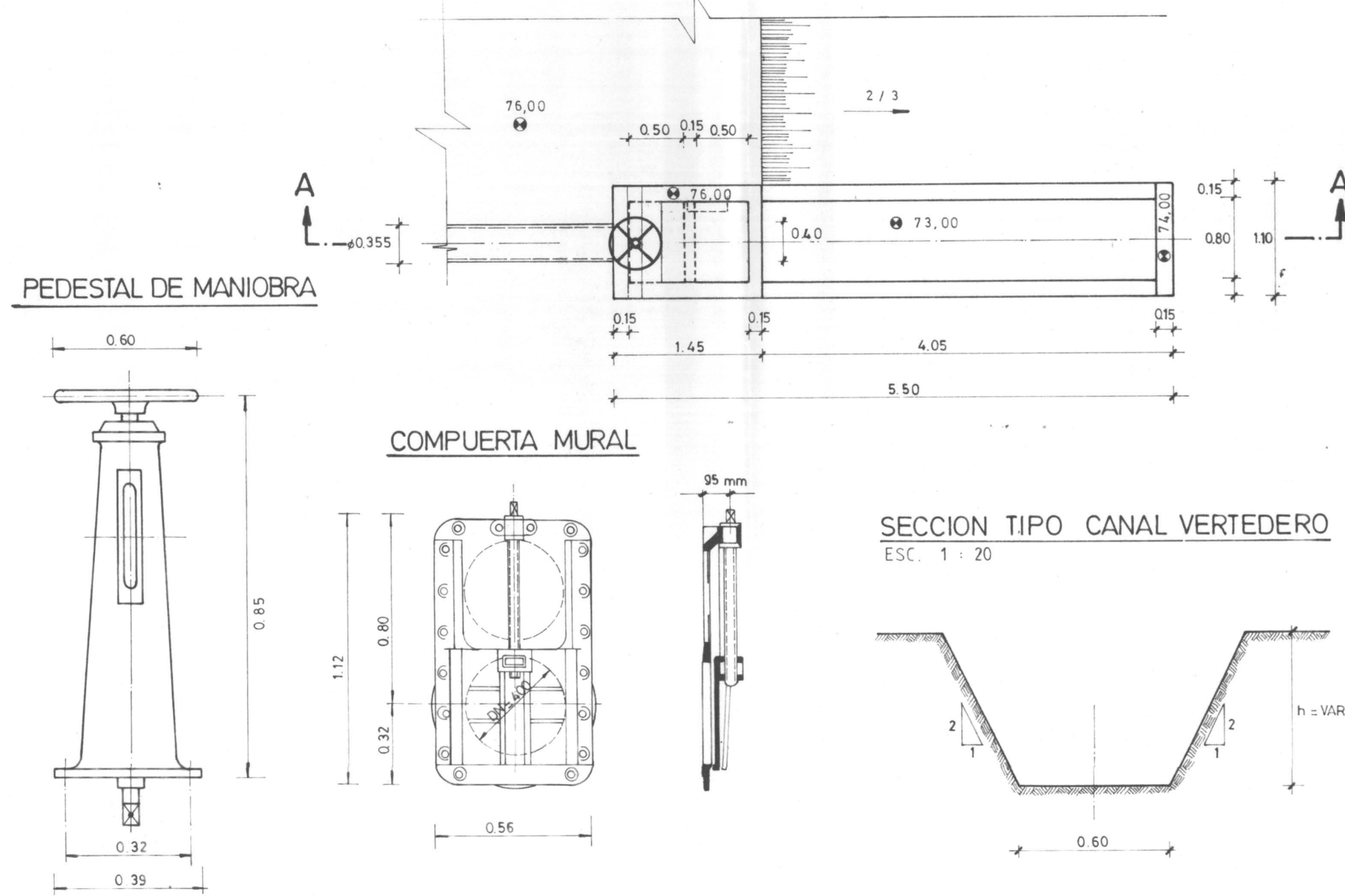
SECCION CANAL DE ACCESO
ESC. 1:20



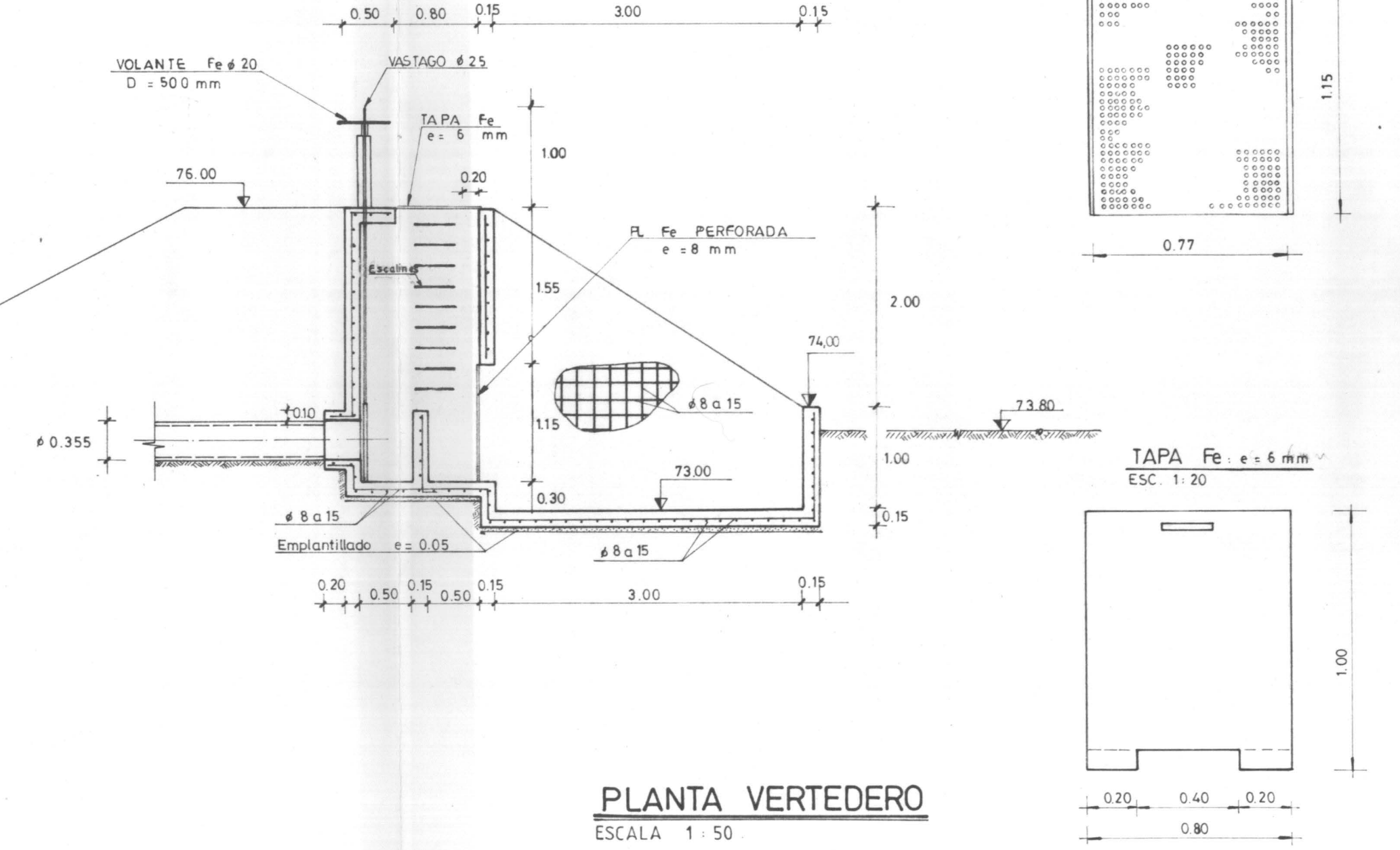
PERFILES TRANSVERSALES
ESCALAS: H = 1:100, V = 1:100



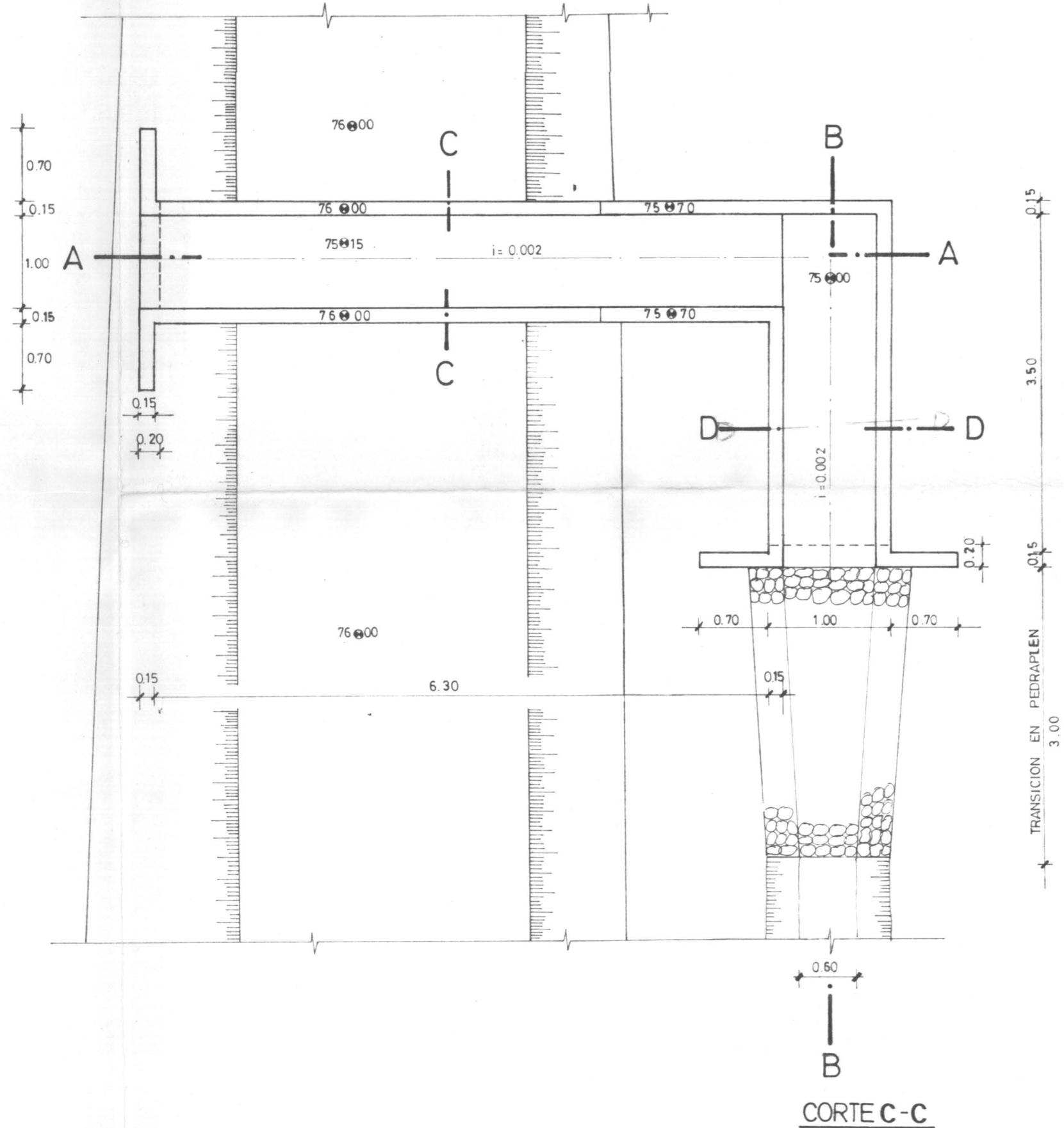
PLANTA OBRA DE SALIDA
ESC. 1:50



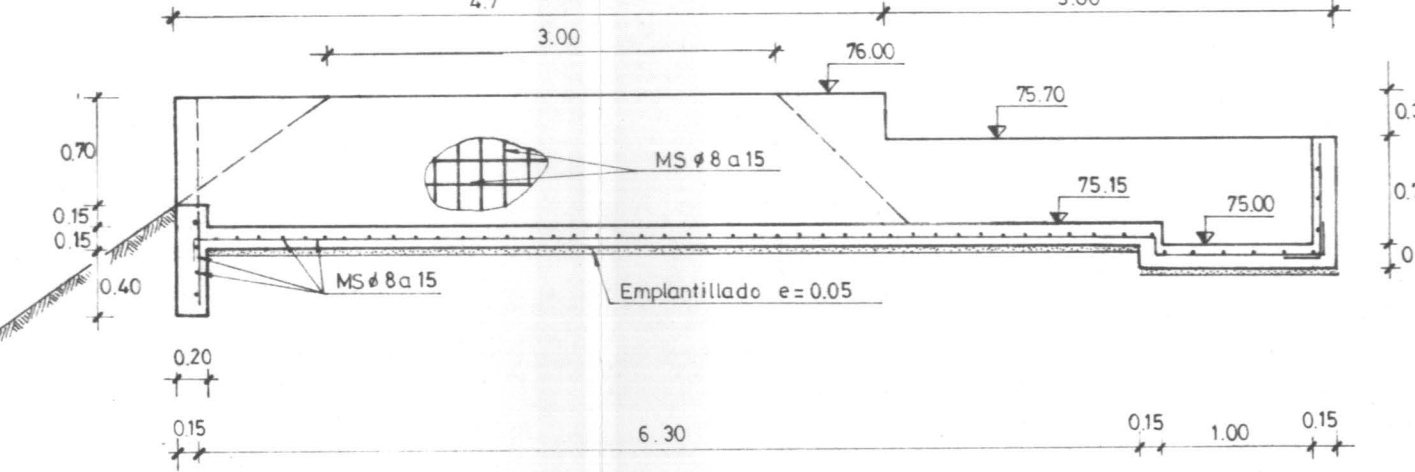
CORTE A-A
ESC. 1:50



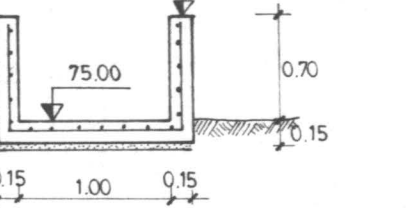
PLANTA VERTEDERO
ESCALA 1:50



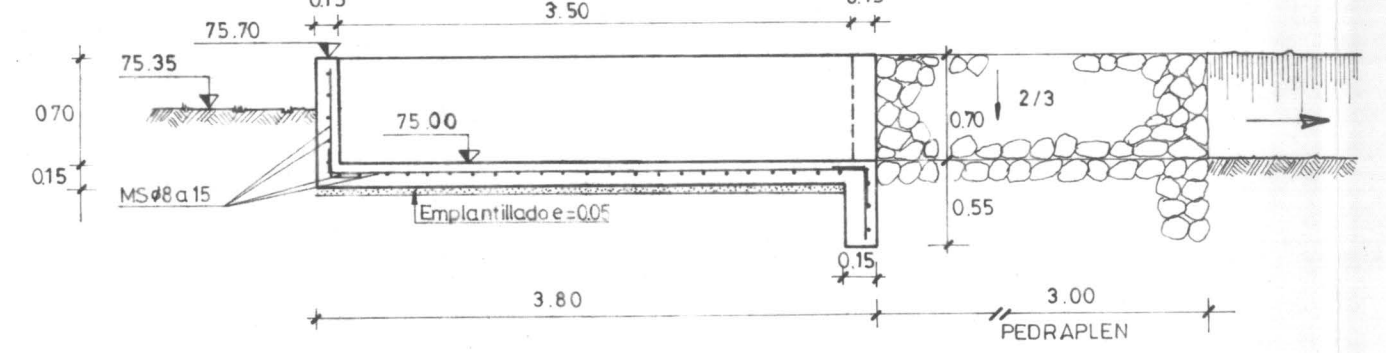
CORTE A-A
ESC. 1:50



CORTE D-D
ESC. 1:50



CORTE B-B
ESC. 1:50



CEPIA INGENIERIA Y CONSTRUCCION		PLANO N° 6/8
APROBADO: MARCELO MORALES Ingeniero Civil	PROYECTO: MARCELO MORALES Ingeniero Civil	OBSERVACIONES: ESCALA: LAS INDICADAS FECHA: Mayo - 1993
PROYECTO: RIEGO PUEBLO DE PENCAHUE MATERIA: DISEÑO DEL TRANQUE DE REGULACION NOCTURNA SANTA SARA, SOLUCION N° 2 PROPIETARIO: COMISION NACIONAL DE RIEGO		

ESC. 1 : 10

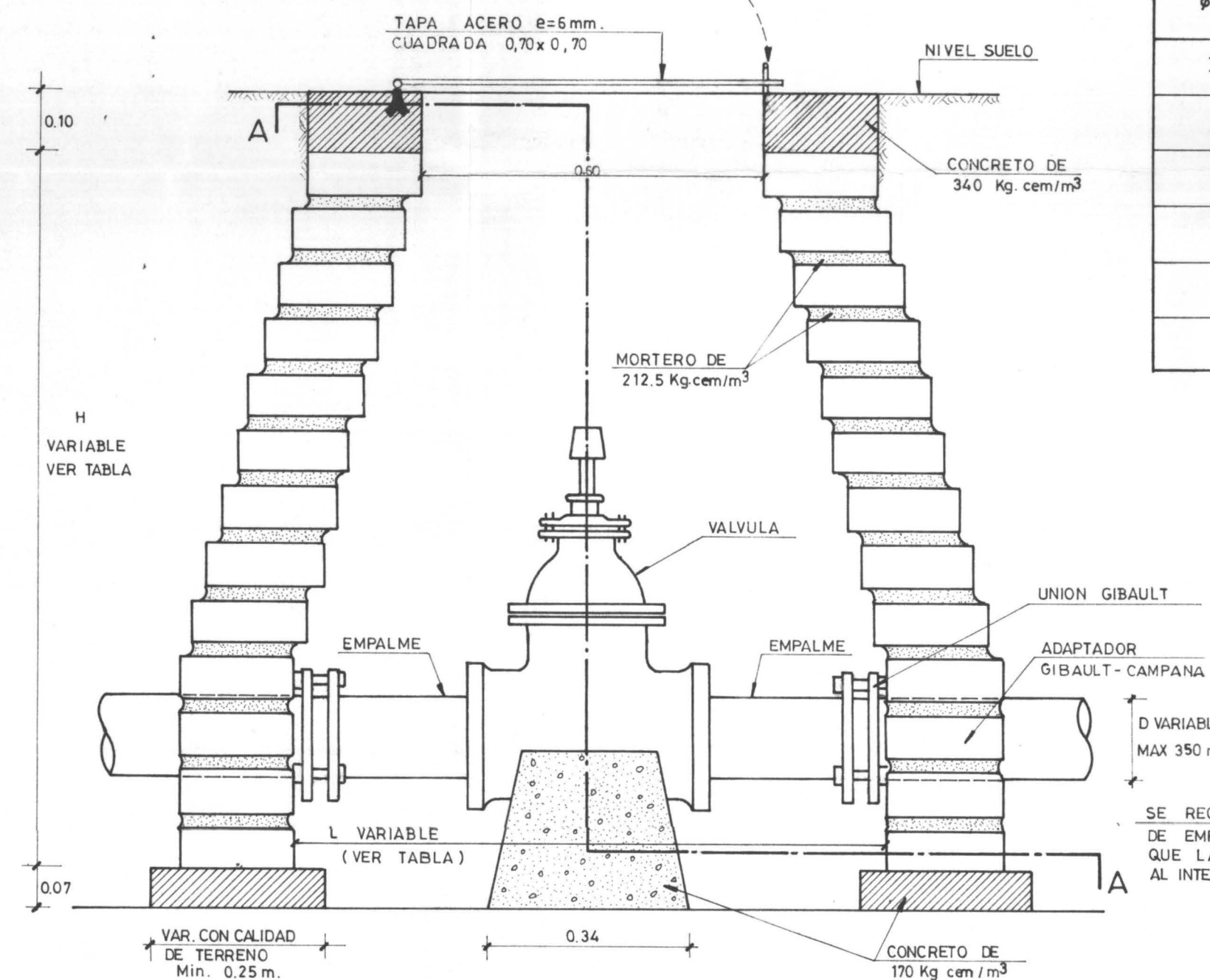
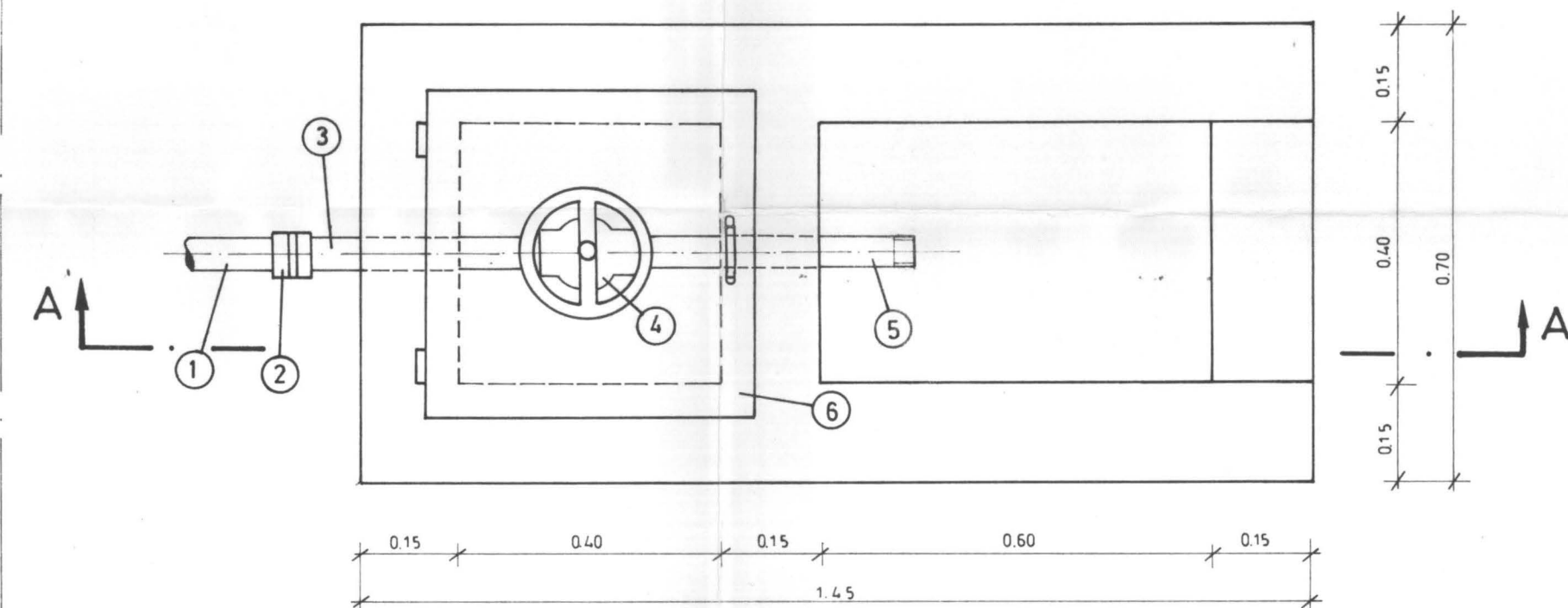


TABLA DE ANCHO BASAL
Y ALTURAS DE CAMARA

ϕ (mm)	L (m.)	H (m.)
350	1.60	1.70
250	1.40	1.60
200	1.30	1.55
150	1.20	1.50
125	1.20	1.50
100	1.10	1.45

PLANTA PILON TIPO Y ARRANQUES

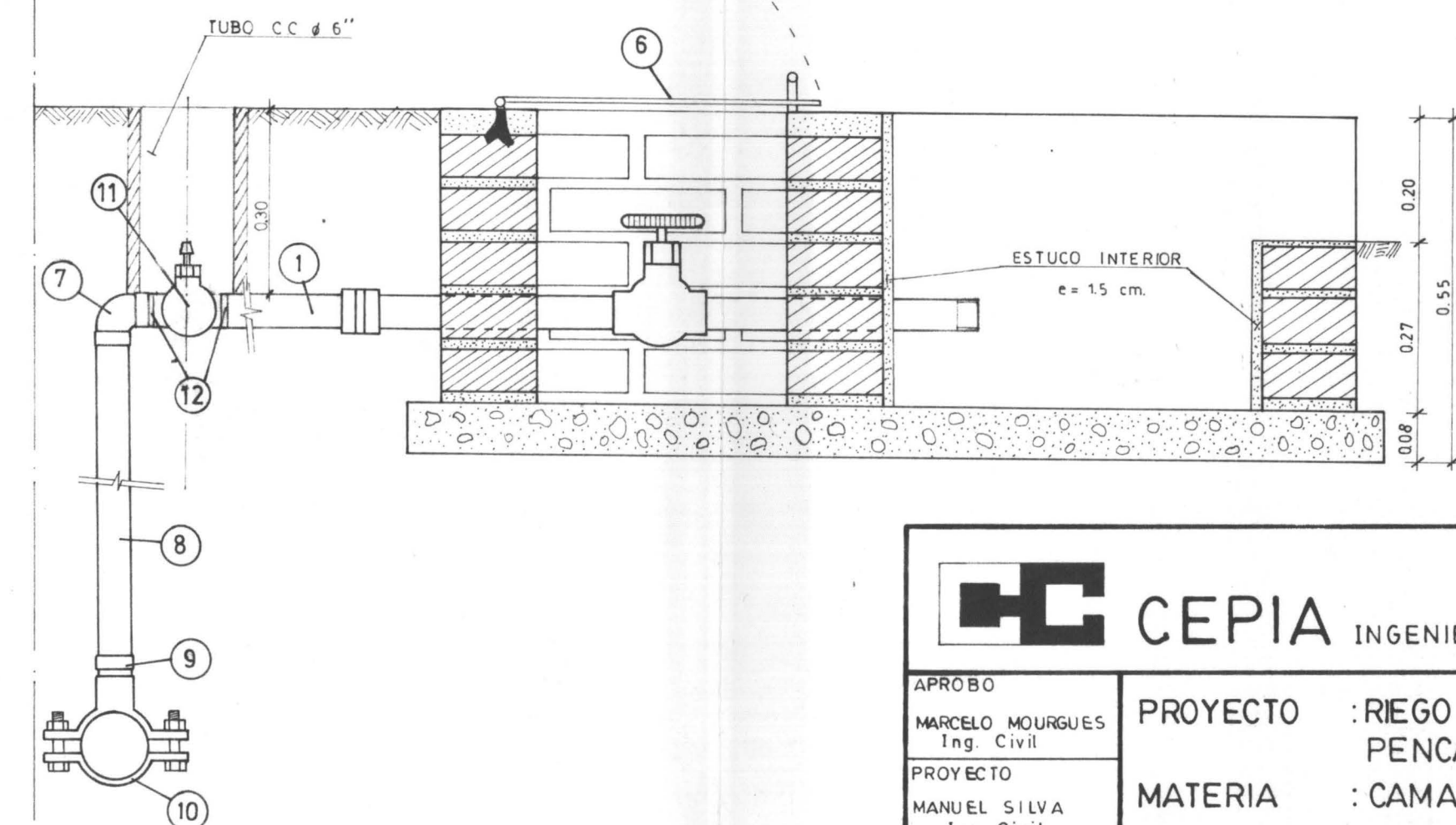
ESC. 1:10



- ① CAÑERÍA DE PVC Ø VAR. DE 25 a 90 mm.
- ② TERMINAL CEMENTAR / HI
- ③ y ⑤ CAÑERÍA DE FIERRO GALVANIZADO L 0.45 m. Ø VAR. 3/4" a 3 1/2"
- ④ VALVULA DE BOLA DE BRONCE Ø- VAR. 25 a 90 mm.
- ⑥ TAPA METALICA 500 x 500 x 4 (mm.)

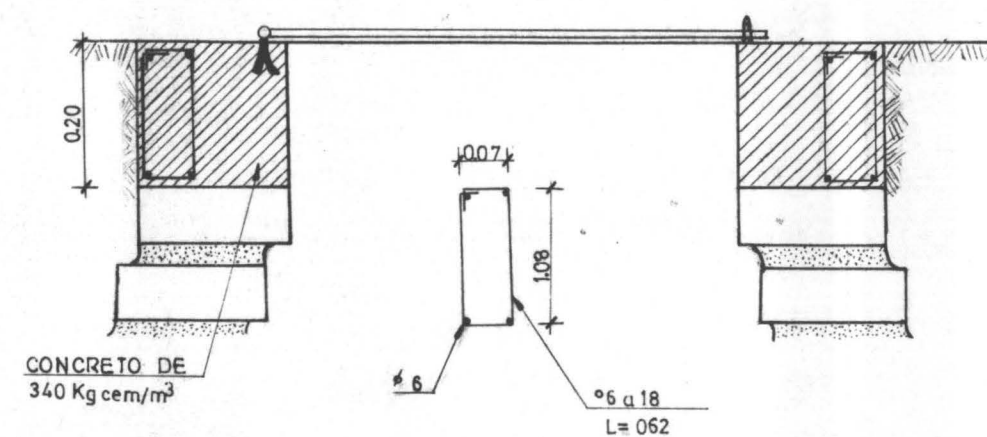
- 7 CODO DE 90° CEMENTAR
- 8 CAÑERÍA DE PVC Ø VAR. DE 25 a 90 mm
- 9 ARRANQUE CEMENTAR HE Ø VAR. DE 25 a 90 mm
- 10 COLLARIN DEL ARRANQUE DE POLIPROPILENO
- 11 VALVULA DE GLOBO DE BRONCE, Ø VAR. 25a 90 mm
REGULADORA DE CAUDAL
- 12 TERMINAL CEMENTAR HE

CORTE A-A



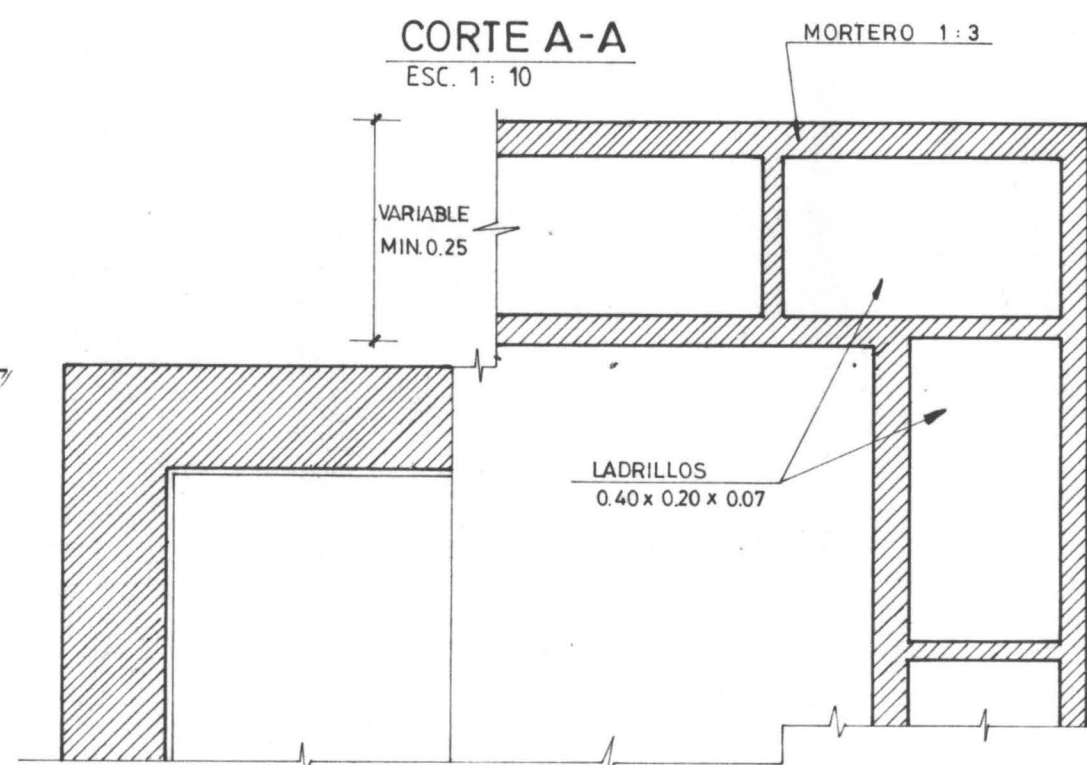
DETALLE: VARIANTE DE PARTE
SUPERIOR DE LA CAMARA
ESC. 1:10

ESC. 1:10



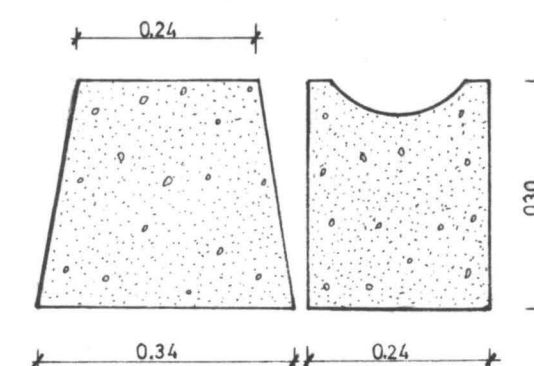
CORTE A-A
ESC. 1 : 10

ESC. 1 : 10



DETALLE MACHON
ESC. 1:10

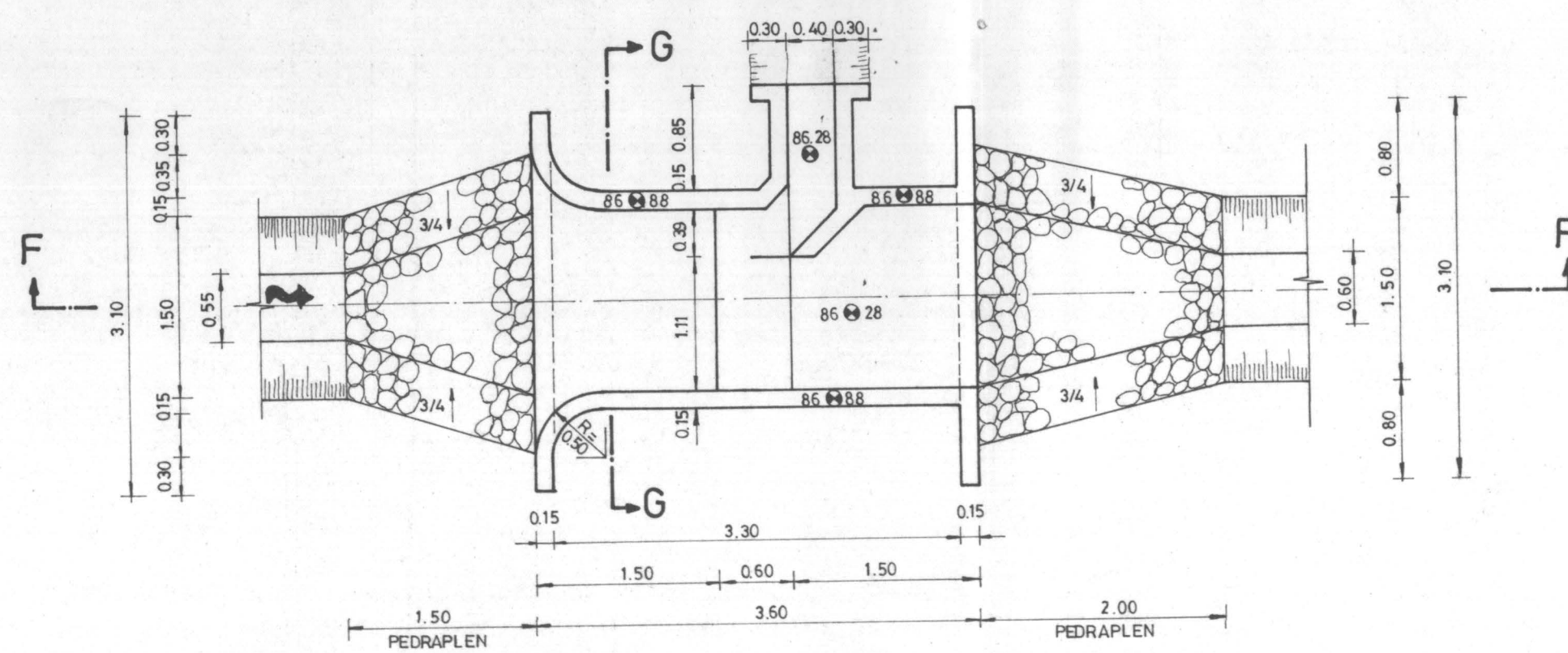
ESC. 1:10



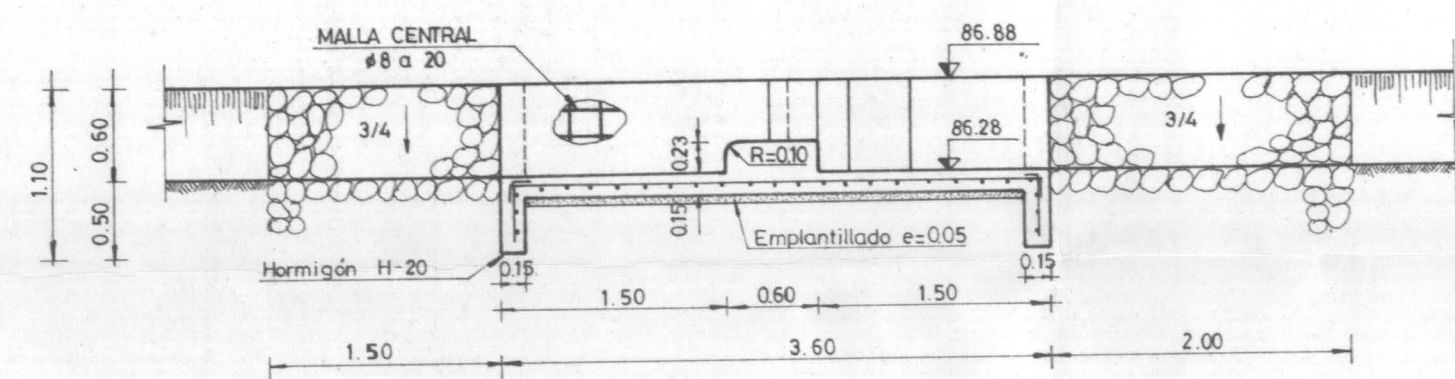
Cámara Tipo L27-1 de EMOS

SOLUCION N°1

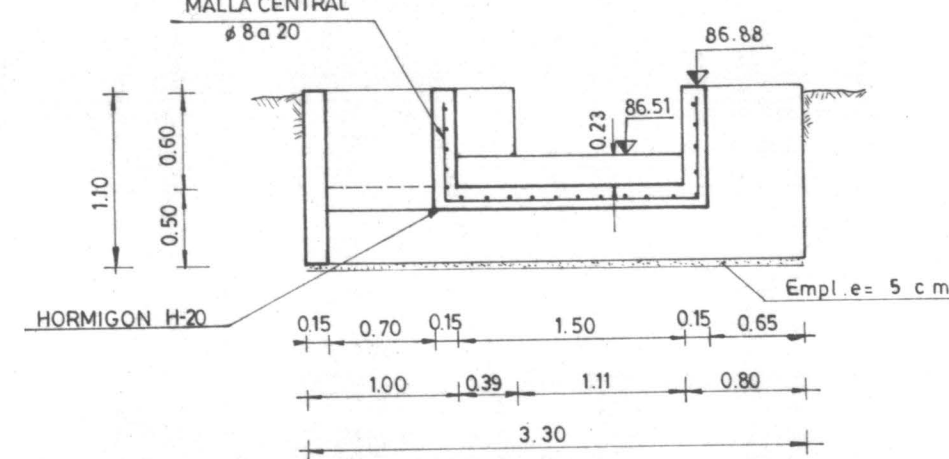
PLANTA MARCO PARTIDOR Km.12,216
ENTRADA A TRANQUE DE ACUMULACION C.PONIENTE
ESCALA 1 : 50



CORTE F-F
ESC. 1 : 50

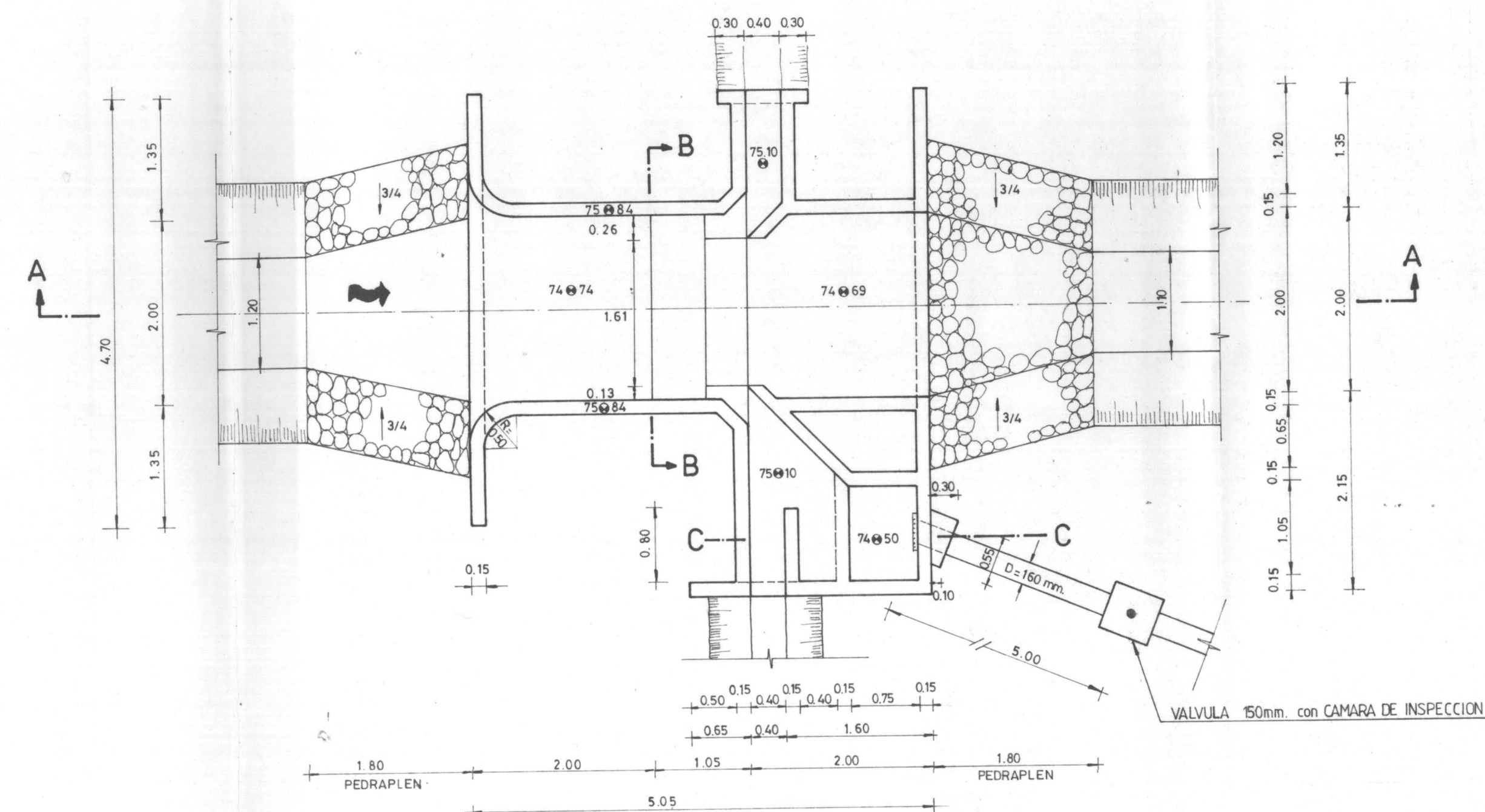


CORTE G-G
ESC. 1:50

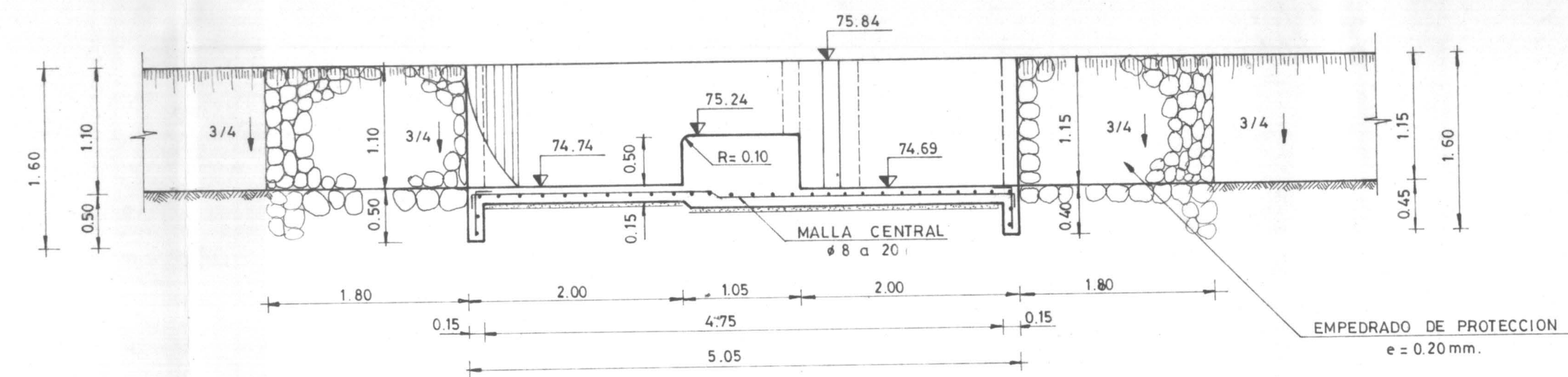


S O L U C I O N Nº 2

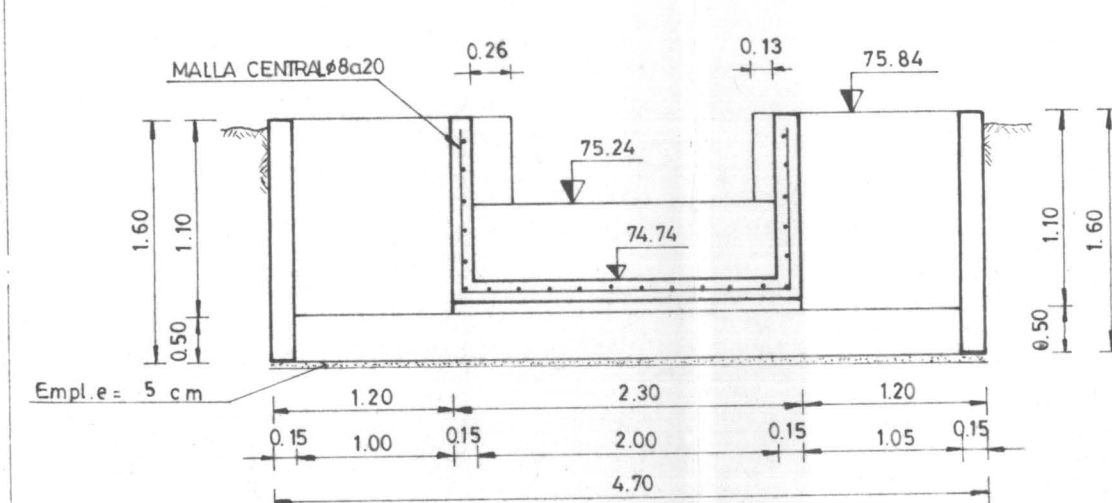
PLANTA MODIFICACION MARCO PARTIDOR Nº1
 ESCALA 1 : 50 CANAL SANTA SARA



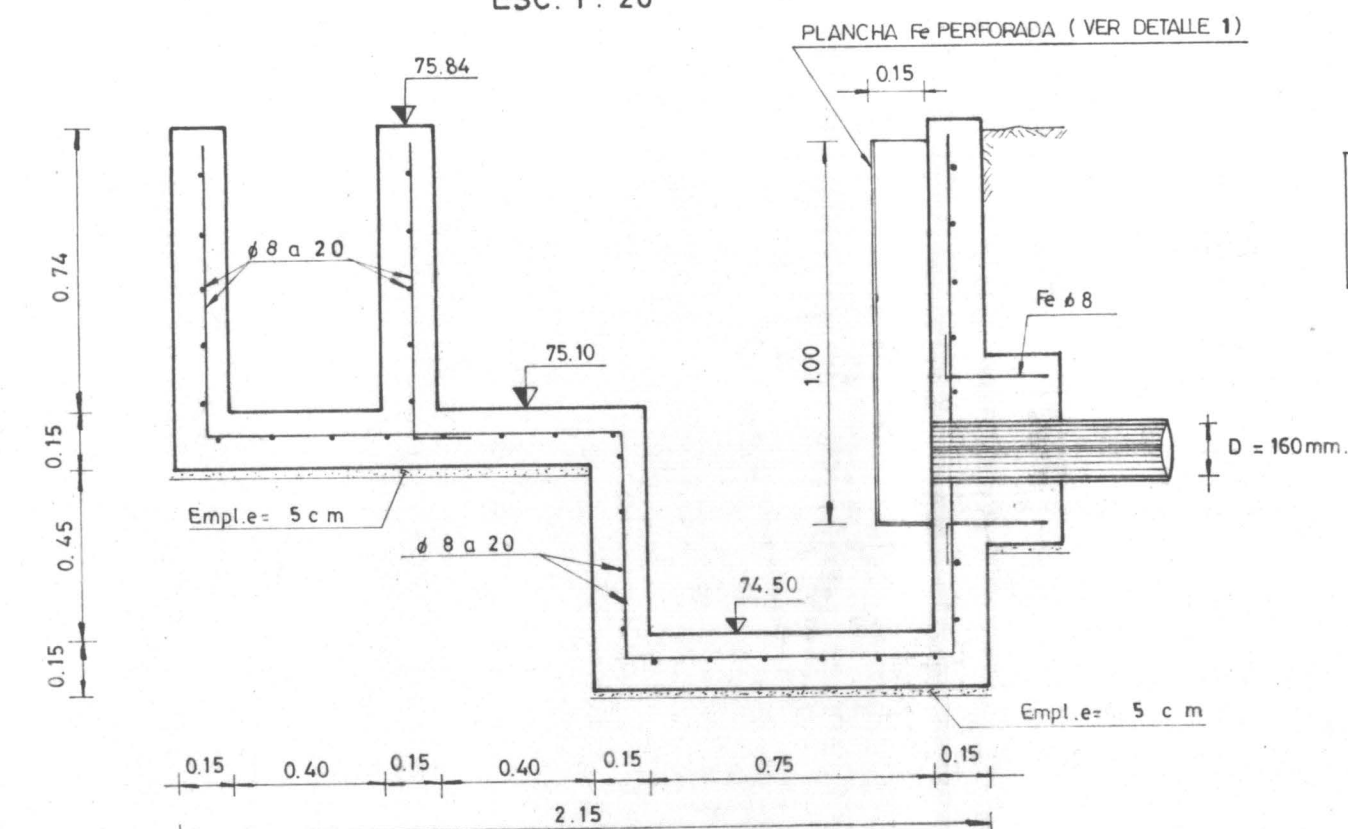
CORTE A-A
ESC. 1:50



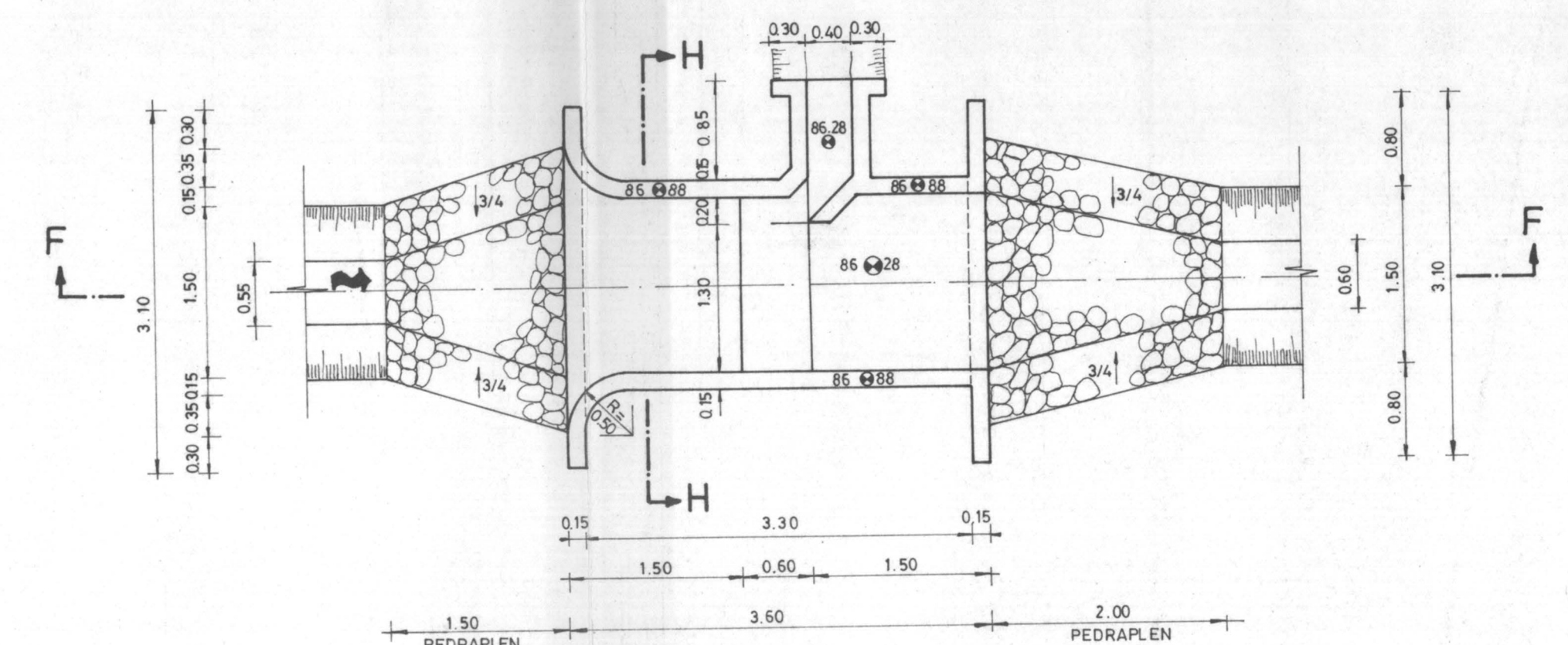
CORTE B-B
ESC. 1 : 50



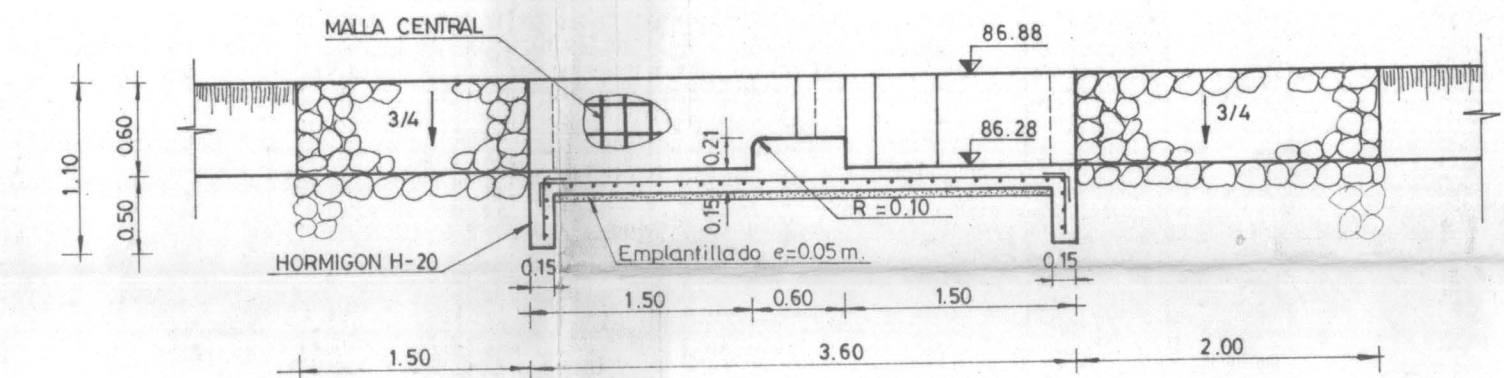
CORTE C-C
ESC. 1 : 20



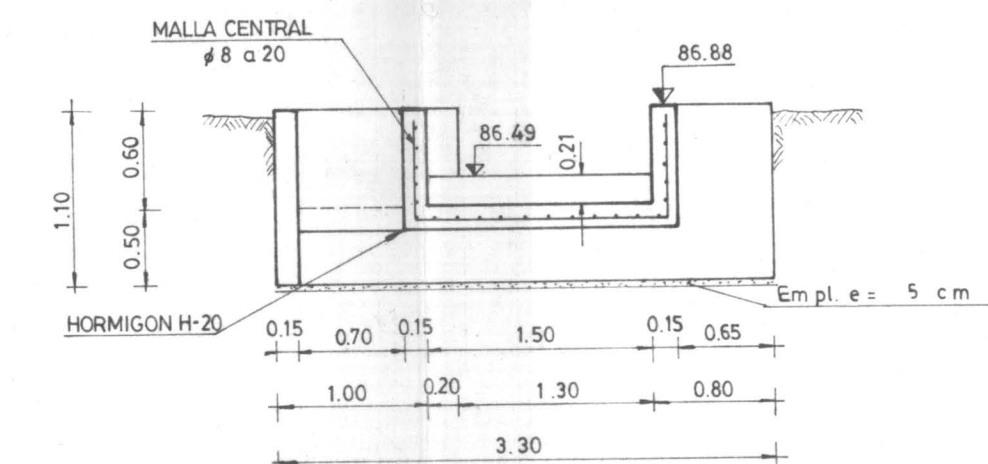
PLANTA MARCO PARTIDOR Km.12,216
ENTRADA A TRANQUE DE ACUMULACION C. PONIENTE
ESCALA 1 : 50



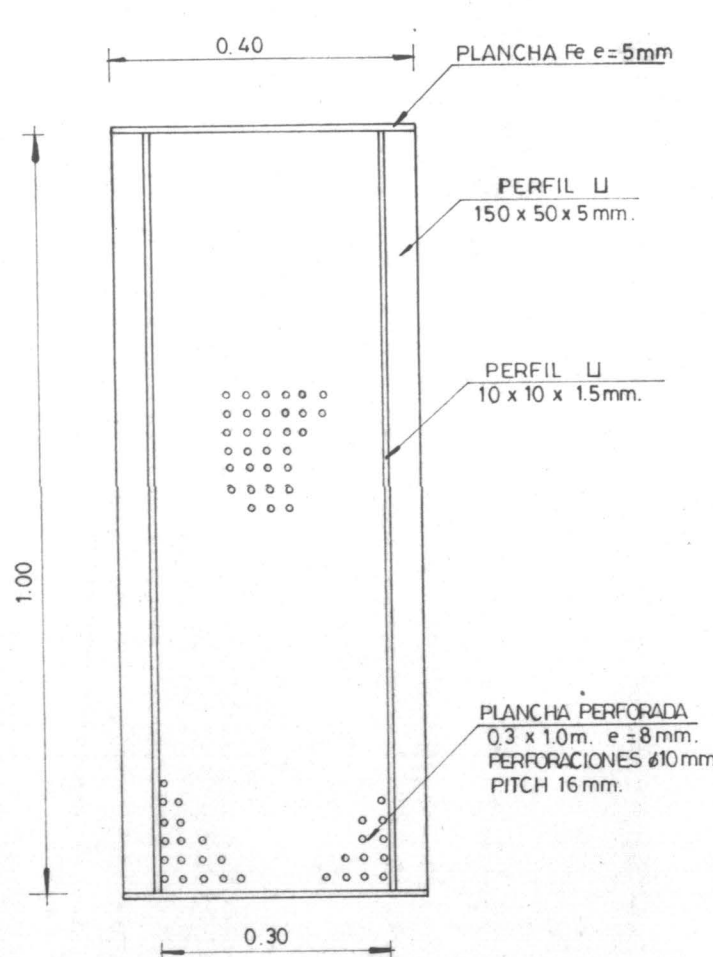
CORTE F-F
ESC. 1 : 50



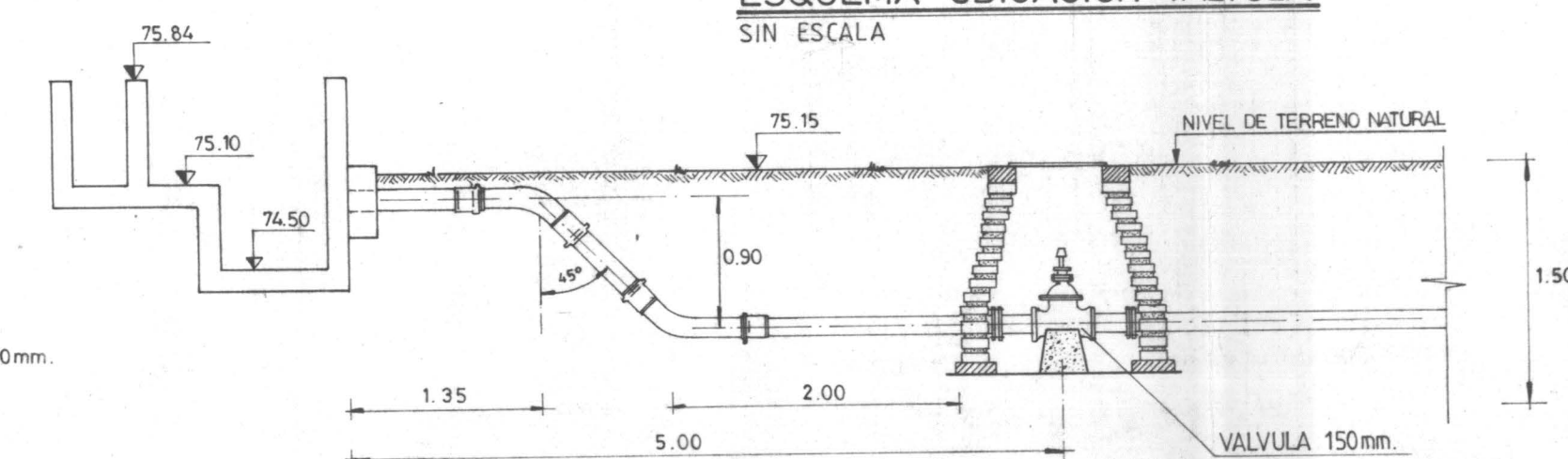
CORTE H-H
ESC. 1 : 50



DETALLE 1
ESC. 1:10



ESQUEMA UBICACION VALVULA
SIN ESCALA



 CEPIA INGENIERIA Y CONSTRUCCION		PLANO Nº 8 / 8
APROBO : MARCELO MOURIGUES <i>Ingeniero Civil</i> PROYECTO : MANUEL SILVA G. <i>Ingeniero Civil</i> DIBUJO : A. Vera G.	PROYECTO : REGADIO DEL PUEBLO DE PENCAHUE MATERIA : OBRAS DE ENTRADA A TRANQUES, SOLUCION 1y 2 PROPIETARIO : COMISION NACIONAL DE RIEGO	
		OBSERVACIONES : ESCALA : LAS INDICADAS FECHA : Junio - 1993.-