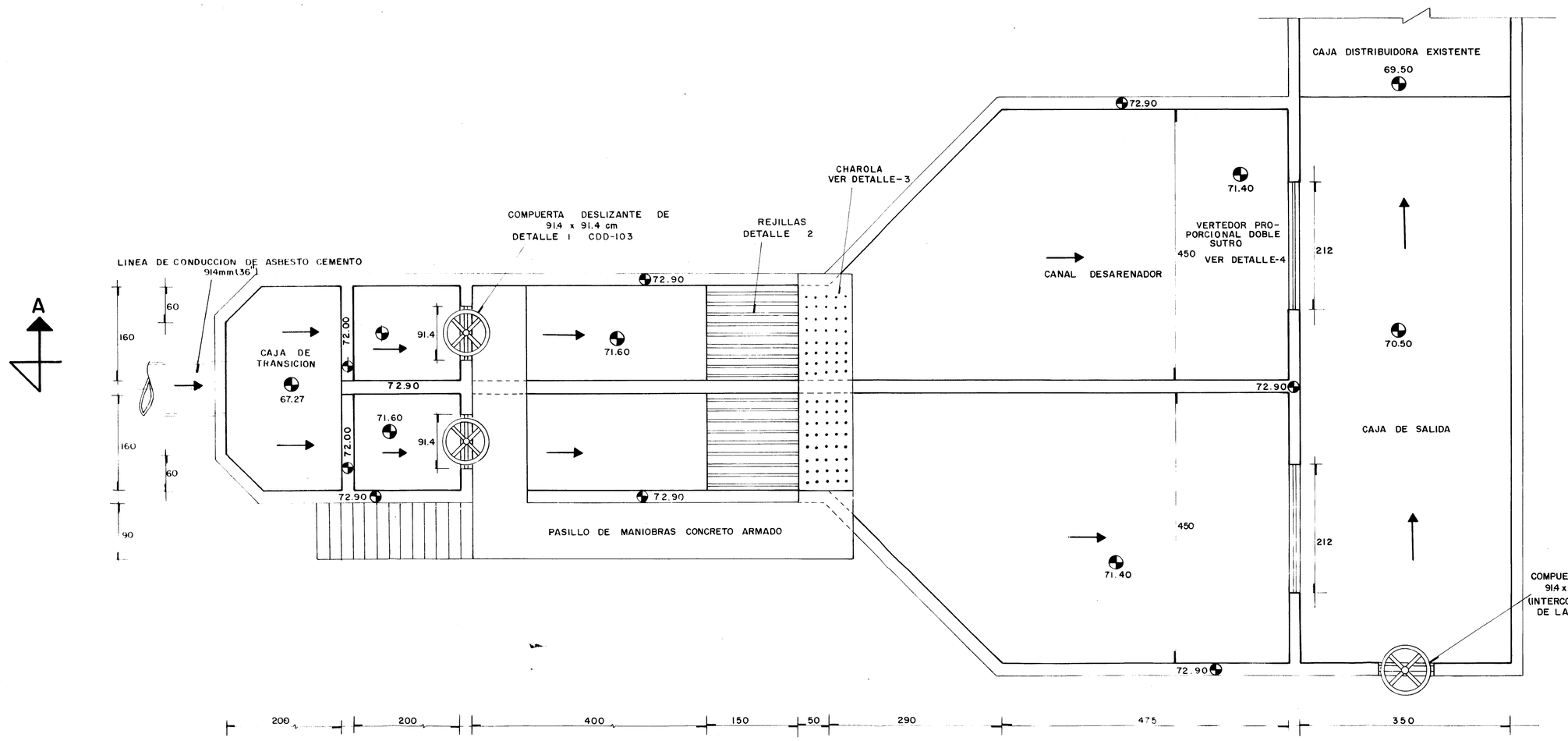
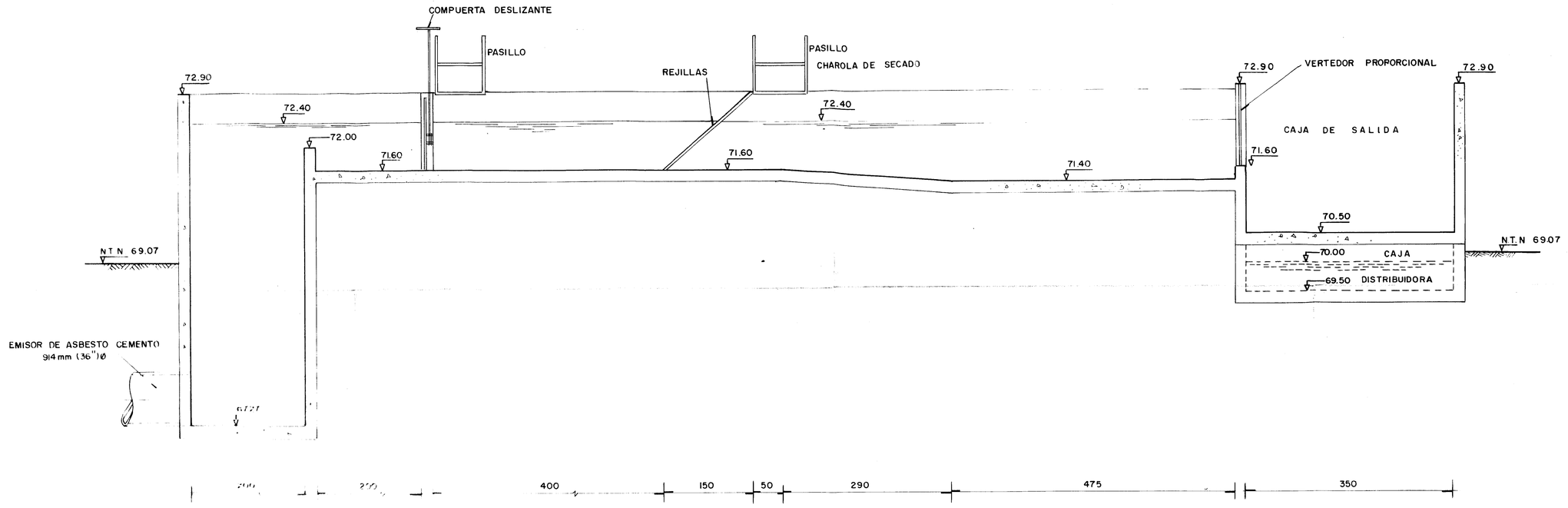



P L A N T A

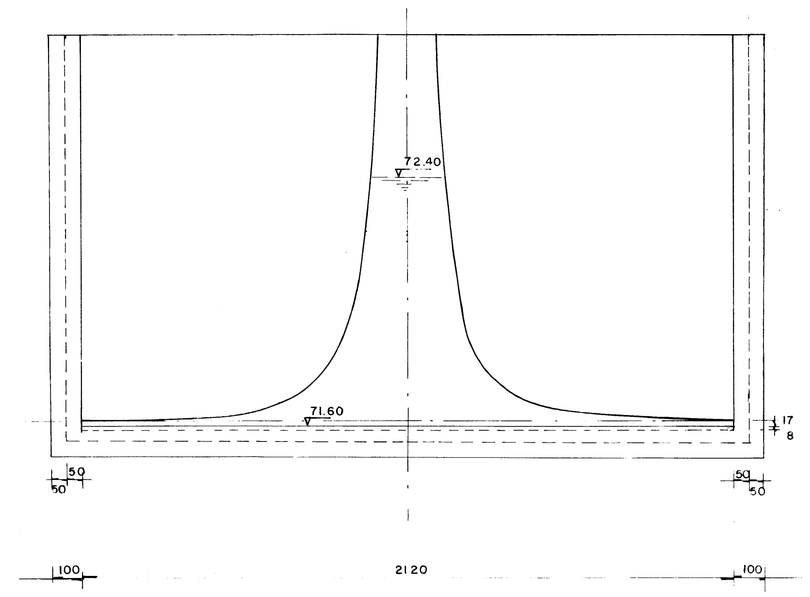
ACOT: cm

ESC. 1:40




C O R T E A — A

ESC. 1:40

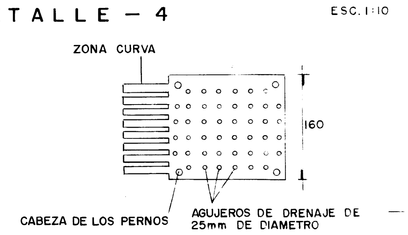



V E R T E D O R P R O P O R C I O N A L
(DOBLE SUTRO)
D E T A L L E — 4

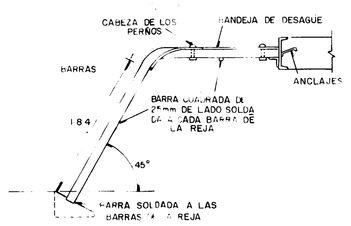
ACOT: mm ESC. 1:10

| Z cm | Q lps |
|---|---|
| 0.5 | 4.59 |
| 5.0 | 45.90 |
| 10.0 | 91.81 |
| 15.0 | 137.71 |
| 20.0 | 183.61 |
| 25.0 | 229.52 |
| 30.0 | 275.42 |
| 35.0 | 321.32 |
| 40.0 | 367.23 |
| 45.0 | 413.13 |
| 50.0 | 459.03 |
| 55.0 | 504.94 |
| 60.0 | 550.84 |
| 65.0 | 592.74 |
| 70.0 | 642.65 |
| 75.0 | 688.55 |
| 80.0 | 734.45 |
| 85.0 | 780.36 |
| 90.0 | 826.26 |
| 95.0 | 872.16 |
| 100.0 | 918.07 |
| 105.0 | 963.97 |
| 110.0 | 1009.87 |
| 115.0 | 1055.78 |
| 120.0 | 1101.68 |
| 125.0 | 1147.58 |

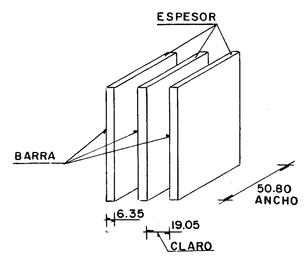
Q = 750.00 l.p.s.
a = 2.54 cm
c = 0.615
h = 0.80 m



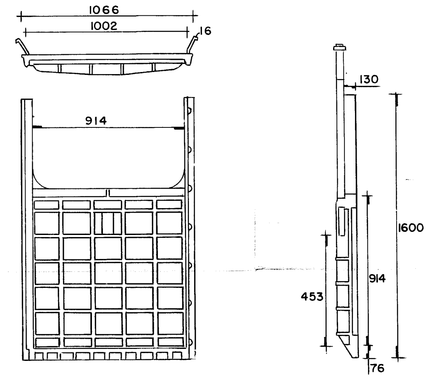

DETALLE DE LA CHAROLA DE DESAGÜE
ACOT. cm
D E T A L L E — 3



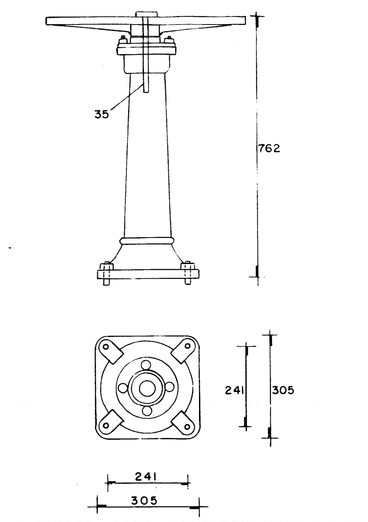

DETALLE DE REJAS
S/E




DETALLE DE REJILLAS
DETALLE No. 2
ACOT. mm. ESC. 1:25




DETALLE DE COMPUERTA DESLIZANTE
DETALLE No. 1
ACOT. mm. S/E




ELEVADOR PARA COMPUERTA DESLIZANTE
ACOT. mm S/E

## DATOS DE PROYECTO

### CANAL DE APROXIMACION Y DE REJAS

| | |
|---|---|
| Q máx | 750 l.p.s. |
| CLARO (c) | 0.01905m(3/4") |
| ESPESOR (e) | 0.00635m(1/4") |
| ANCHO (L) | 0.0508 m(2") |
| ANGULO (θ) | 45° |
| VELOCIDAD DE APROXIMACION (Va) | 0.6 m/seg. |
| VELOCIDAD A TRAVES DE LA REJA (Vr) | 0.7 m/seg. |

### CANAL DESARENADOR

| | |
|---|---|
| Q máx | 0.75 $m^3$/seg. |
| DIAMETRO MINIMO DE PARTICULAS (dp) | 0.25mm. |
| VELOCIDAD (Vs) | 0.2 a 0.4 m/seg. |
| ELEMENTO DE CONTROL DE VELOCIDAD | VERTEDOR DOBLE SUTRO |
| GRAVEDAD ESPESIFICA, ARENA TIPICA (S) | 2.65. |
| TEMPERATURA MEDIA ANUAL DEL AGUA | 20°C. |
| VELOCIDAD DE CAIDA (Vs) | 3.5 cm/seg. |

| REVISIONES | | | | PLANOS DE REFERENCIA | |
|---|---|---|---|---|---|
| FECHA | No. | APROBO | REVISION | PLANO | TITULO |
| | | | | | |

| DIBUJO. | PROYECTO. |
|---|---|
| REVISO | APROBO. |

SUBSECRETARIA DE ECOLOGIA
DIRECCION GENERAL DE PREVENCION Y CONTROL DE LA CONTAMINACION DEL AGUA
SEDUE
SUBDIRECCION DE INGENIERIA

| | |
|---|---|
| Biol. Alicia Barcena Ibarra<br>SUBSECRETARIO DE ECOLOGIA | Ing. José Luis Calderón B.<br>DIRECTOR GENERAL |
| Ing. Francisco Bahamonde T.<br>DIRECTOR DE AREA | Ing. Eduardo Lacono Gonzalez<br>SUBDIRECTOR DE AREA |

REHABILITACION DE PLANTAS DE TRATAMIENTO DE AGUAS RESIDUALES MUNICIPALES
DURANGO, DGO.

PRETRATAMIENTO

| DIBUJO ELABORADO EN: | FECHA DE ELABORACION | PROYECTO No | ESCALA |
|---|---|---|---|
| I M A S A | NOV — 84 | | 1:40 |

No. DE PLANO 4

REVISION No 0