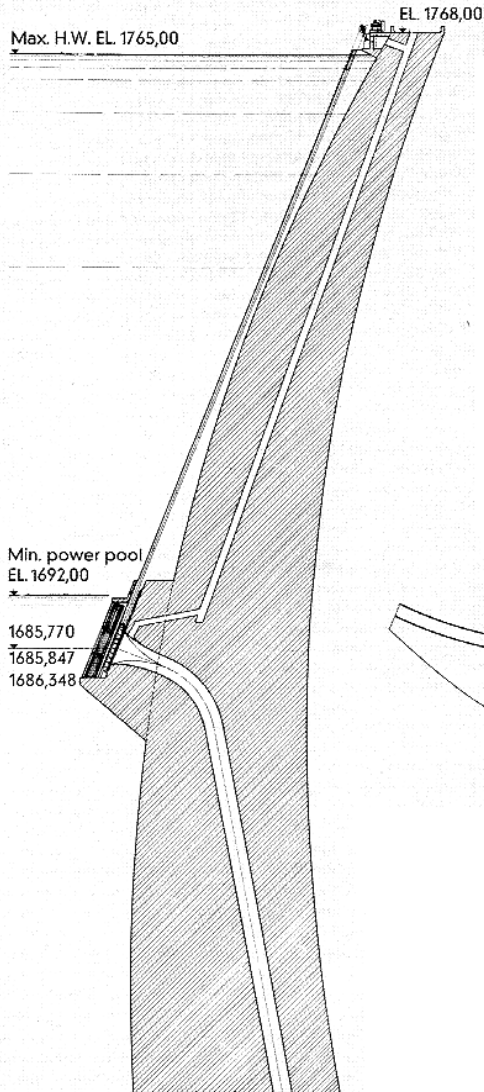


# Belüftungs- leitung

Section B-B

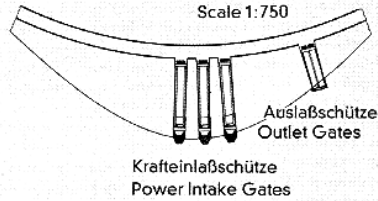


Section A-A

Scale 1:200

**Gesamtübersicht  
General View**

Scale 1:750

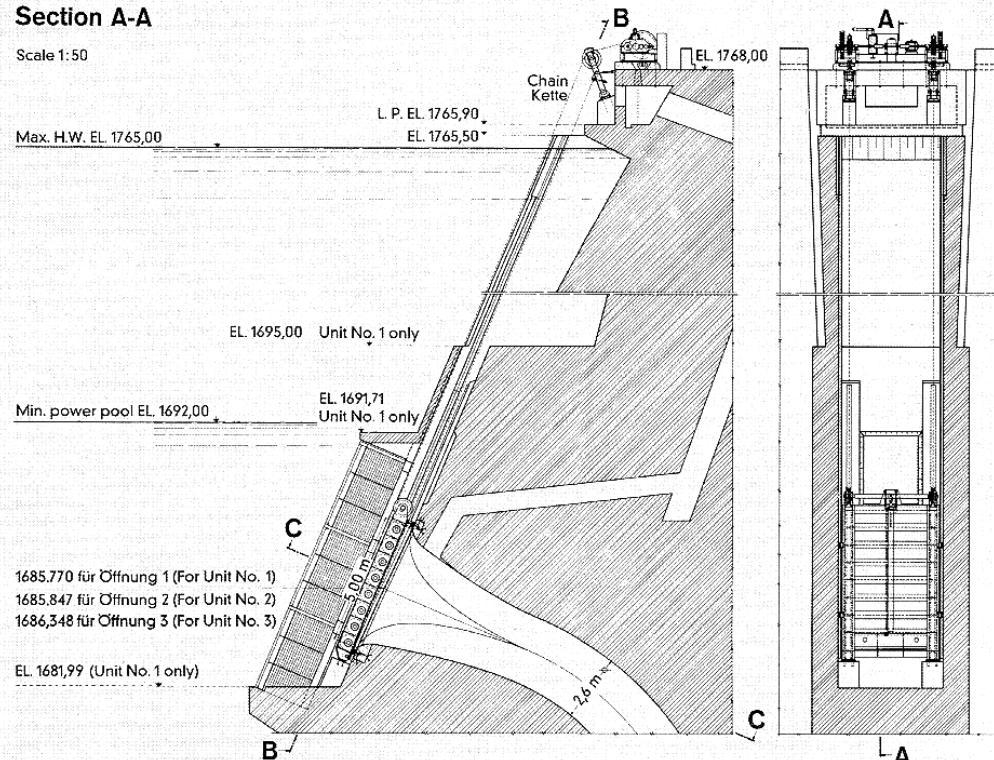


Grundriß und Querschnitte  
Turbinen-Einlaßschütze  
KARADJ-DAMM/IRAN  
Plan and sections  
Power intake gates  
KARADJ-DAM/IRAN

# Talsperrentiefschützen

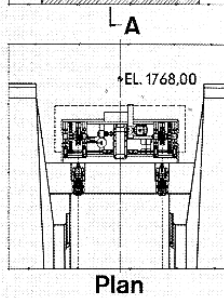
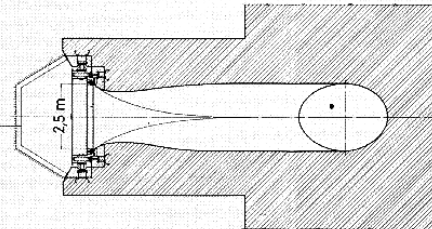
Section A-A

Scale 1:50



Section C-C

Not supplied by joint venture



Bogenstaumauer

Karadj Dam, Iran (Krupp): Power Intake

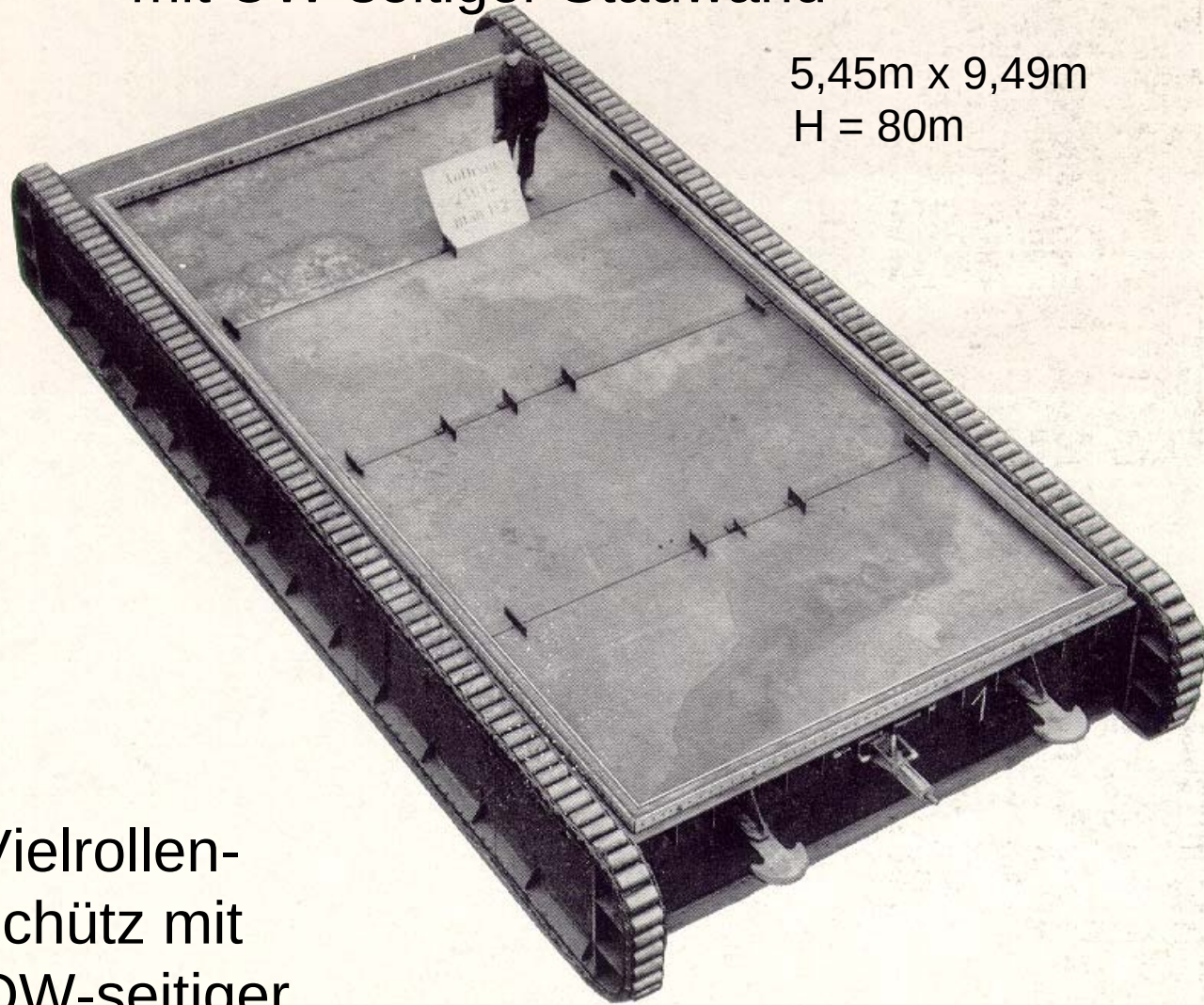
© Büsching, F.: Stauanlagenbau

2000/09.1



# Caterpillar Gate (Raupenschütz) mit UW-seitiger Stauwand

5,45m x 9,49m  
H = 80m



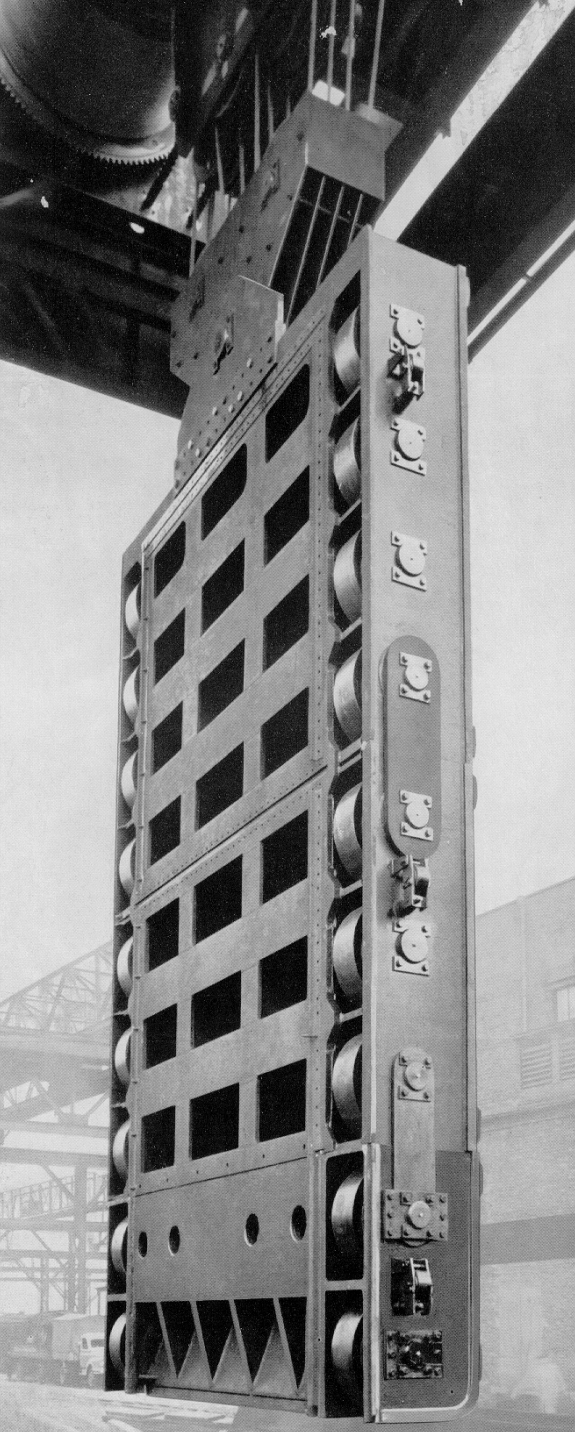
Vielrollen-  
schütz mit  
OW-seitiger  
Stauwand

Derbendi-Khan, Irak (Krupp, 1957)

© Büsching, F.: Stauanlagenbau

MAN

2000/09.2







# Vielrollenschütz mit UW-seitiger Stauwand

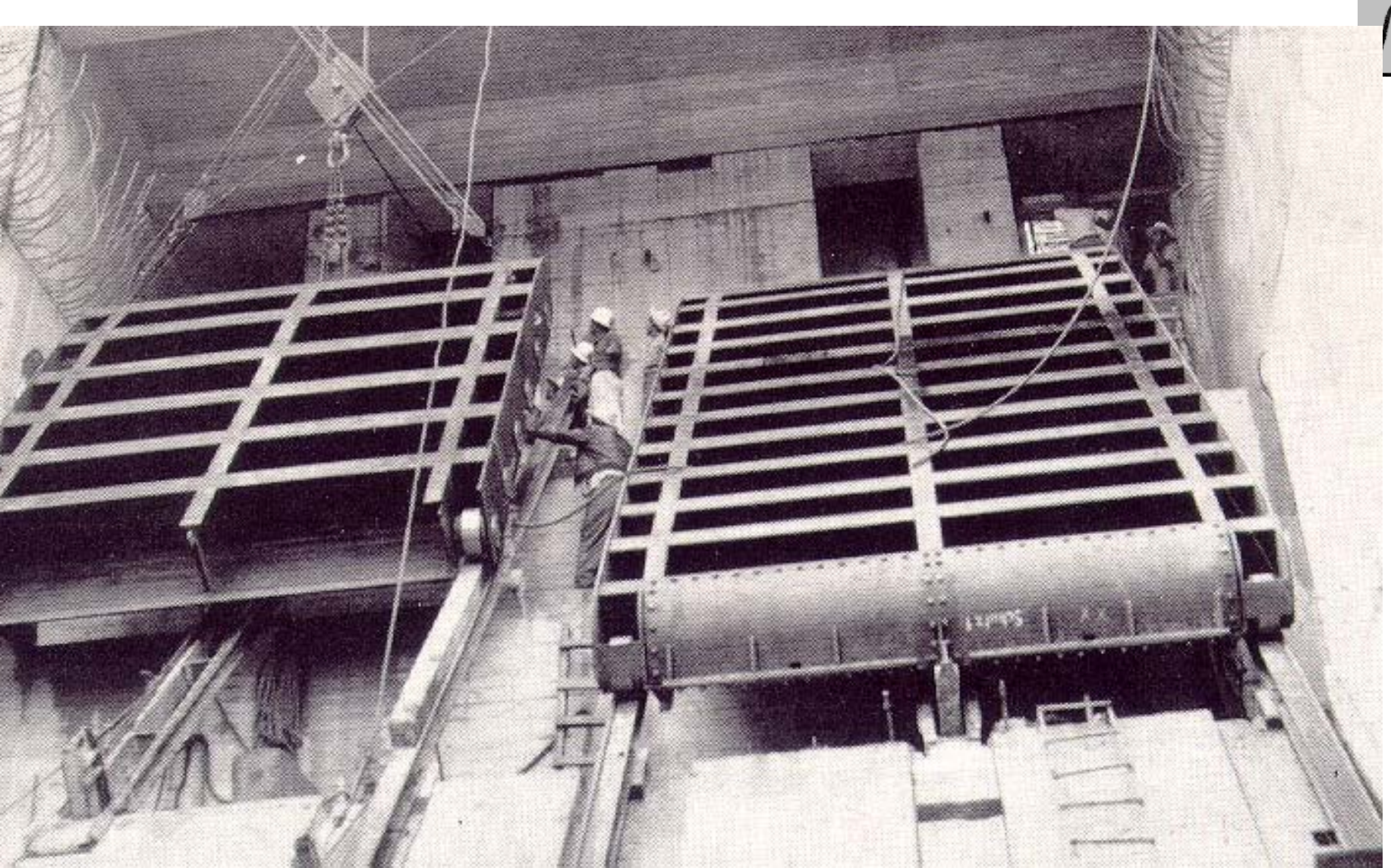
Temazcal, Mexico (Krupp, 1955)

3,25m x 8,30m; H=35,80m

© Büsching, F.: Stauanlagenbau

2000/09.3





Temazcal, Mexico (Krupp, 1955)

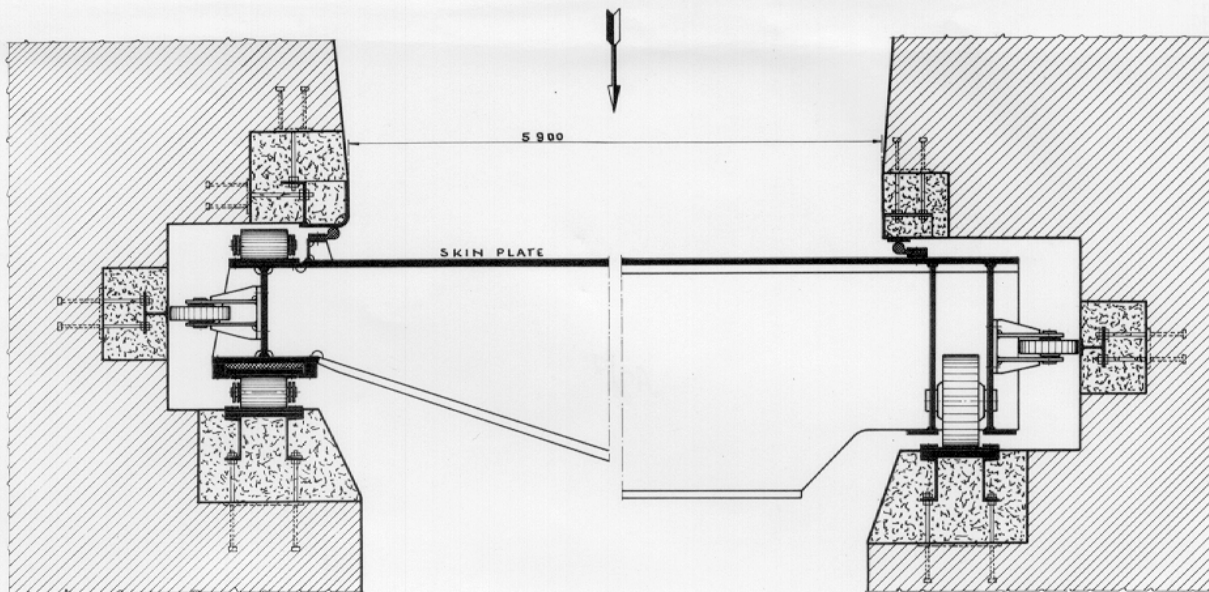
3,25m x 8,30m; H=35,80m



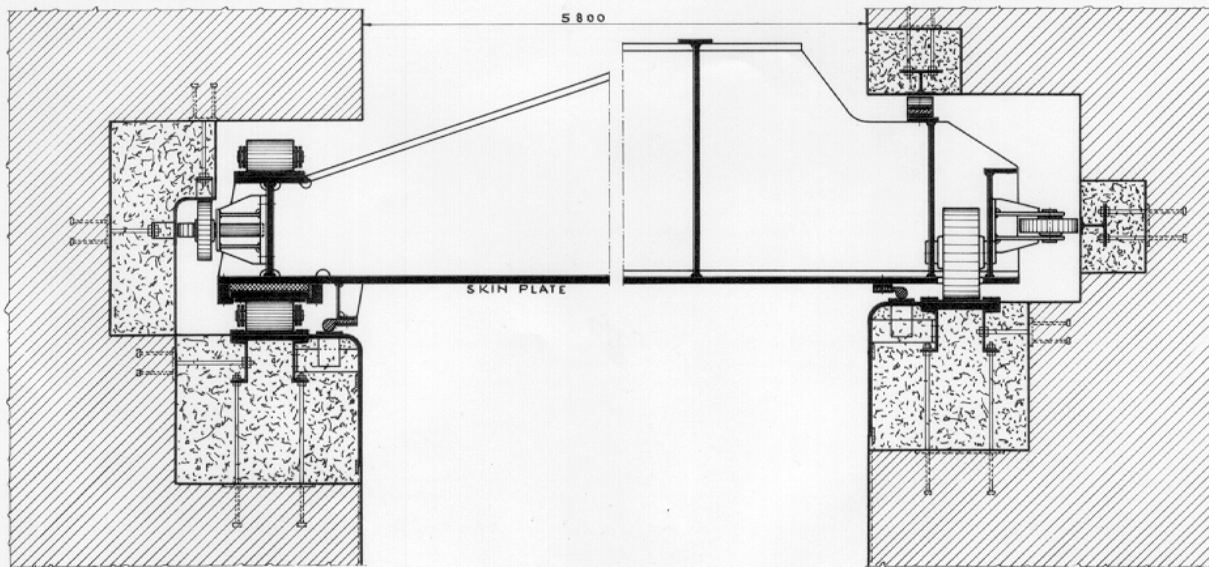
RHENISH STEEL UNION BRÜCKENBAU  
AGT-INGESAMLSCHAFT  
DUSTUND

DRWG: 1  
 NUMBER 100





MAIN PROPOSAL



ALTERNATIVE

Alternativen:  
Caterpillar oder  
Vielrollenschütz

Stauwand  
OW- oder UW-seitig

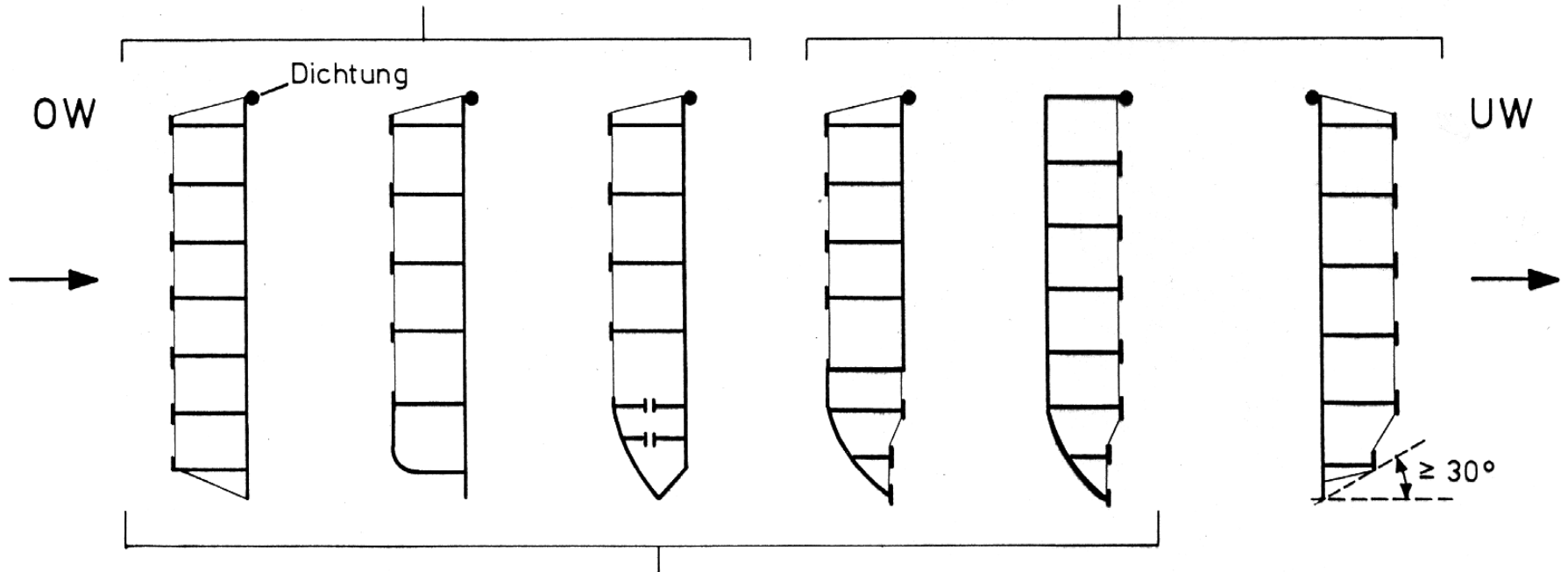
Dichtung  
OW- oder UW-seitig



# BAUFORMEN DER TALSPERRENTIEFSCHÜTZEN

Unterwasserseitige Stauwand

Oberwasserseitige Stauwand

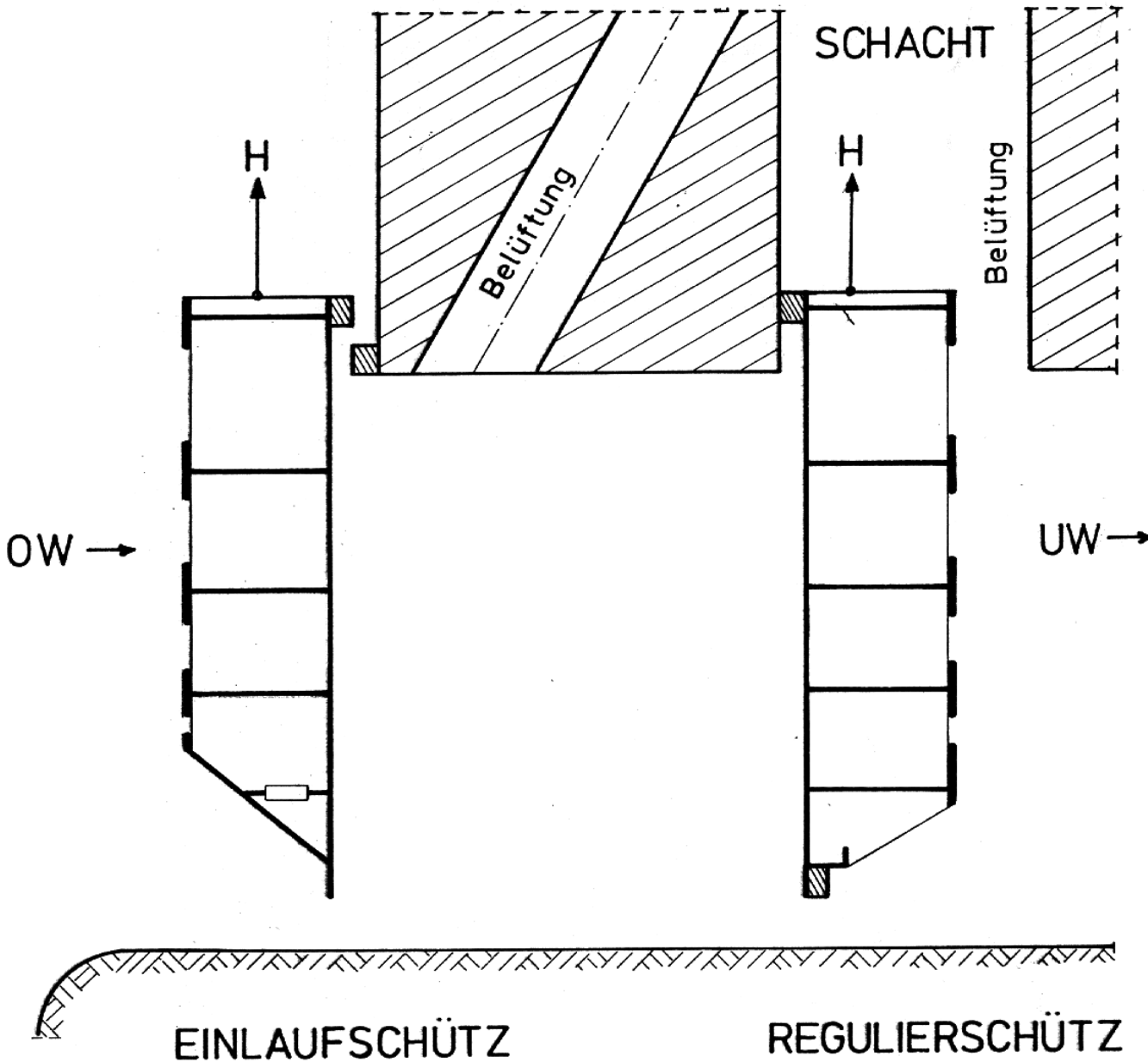


Unterwasserseitige Dichtung

Oberwasserseitige Dichtung



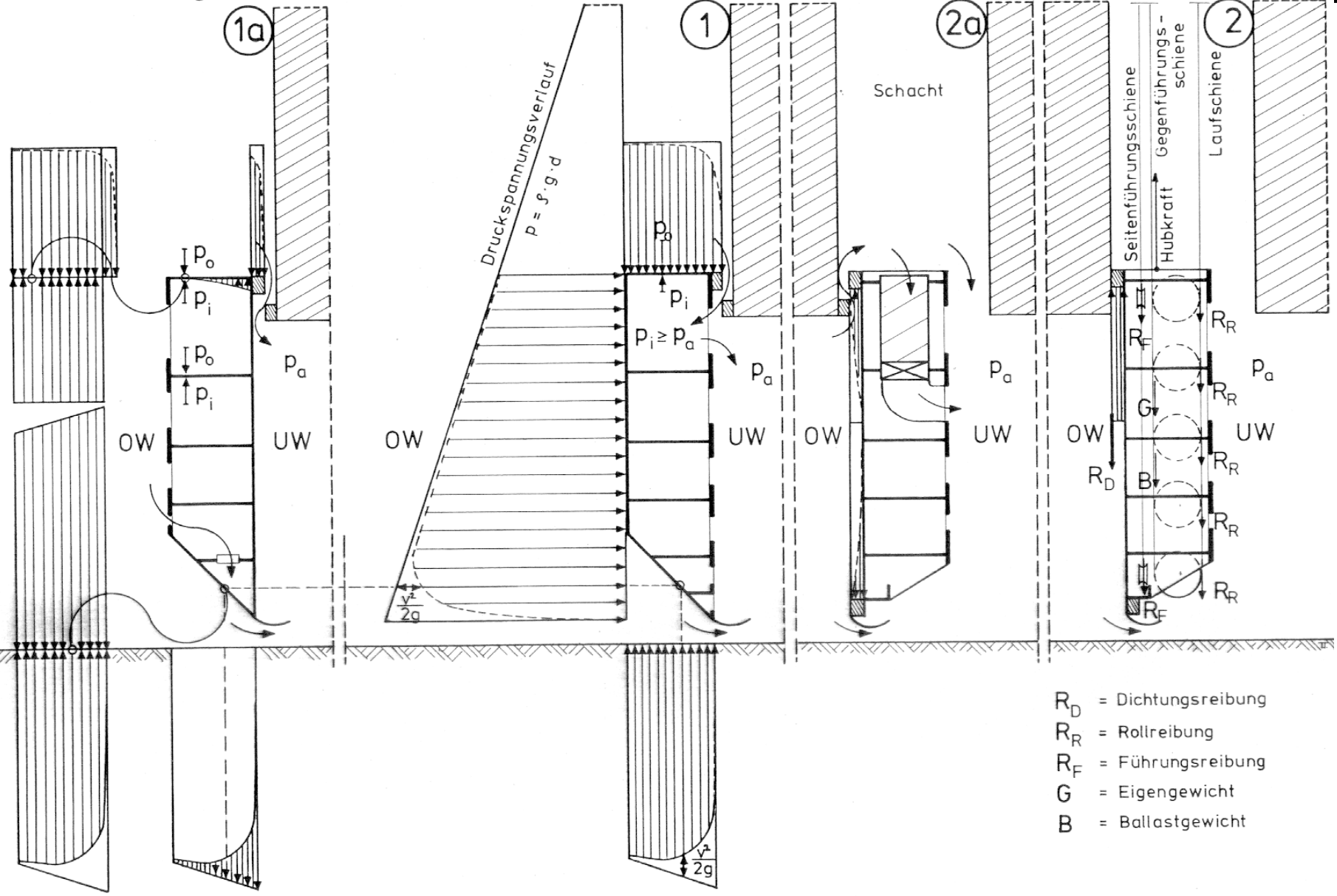
Prinzipiell  
vorteilhafte  
Anordnung



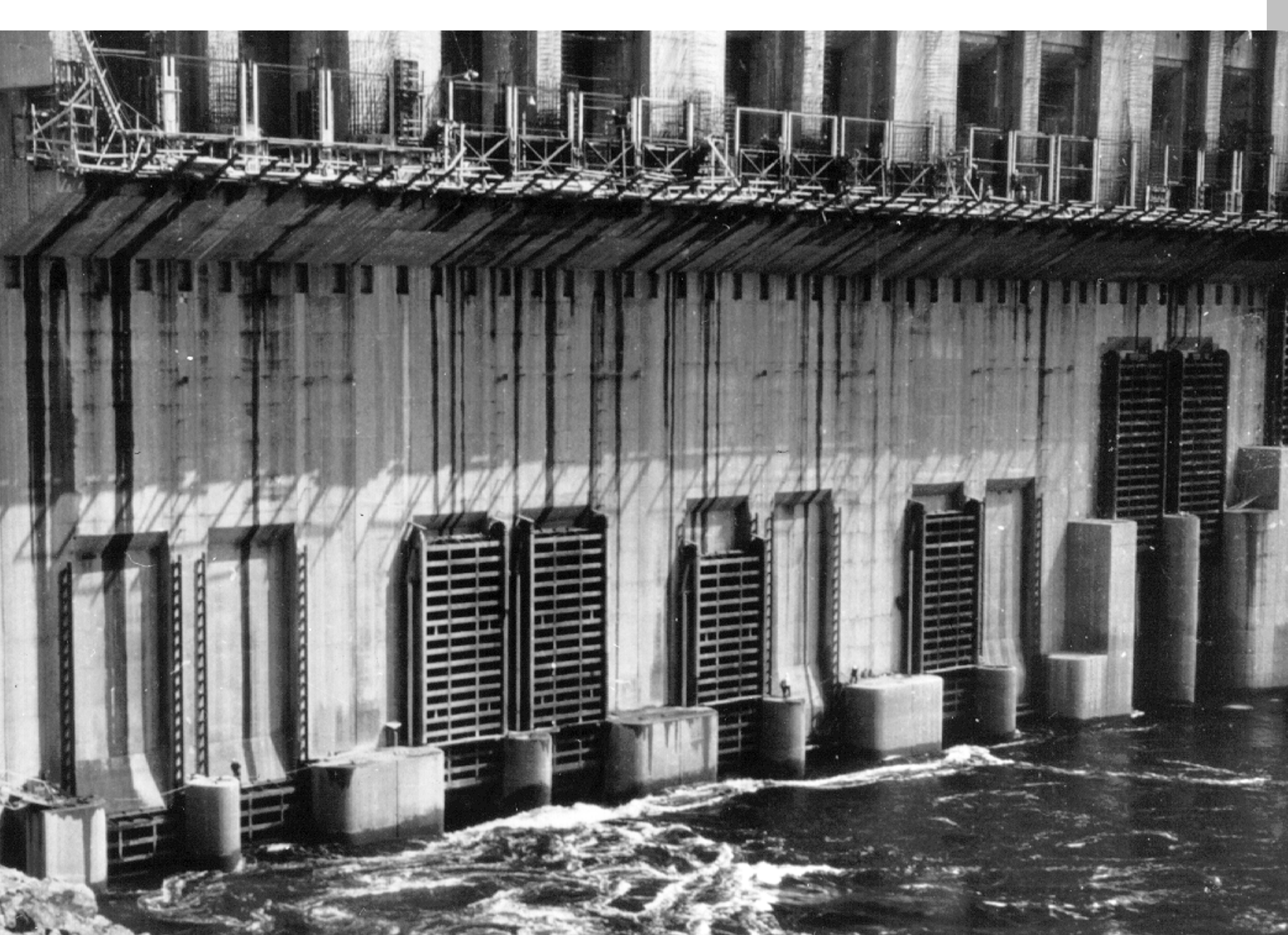




Schützbelastungen bei rückstaufreiem Abfluß aus Talsperrentiefenauslässen



- $R_D$  = Dichtungsreibung
- $R_R$  = Rollreibung
- $R_F$  = Führungsreibung
- $G$  = Eigengewicht
- $B$  = Ballastgewicht



Guri, Venezuela

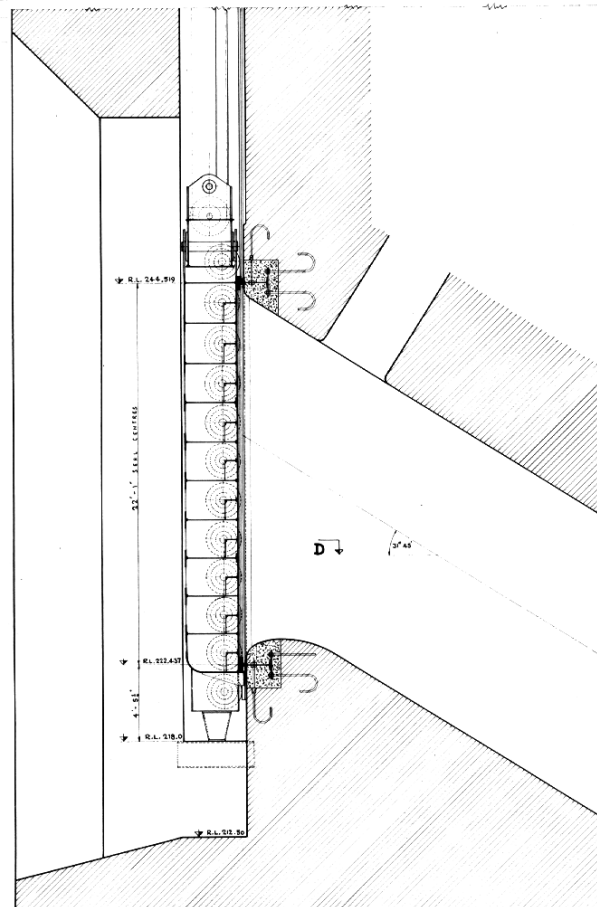
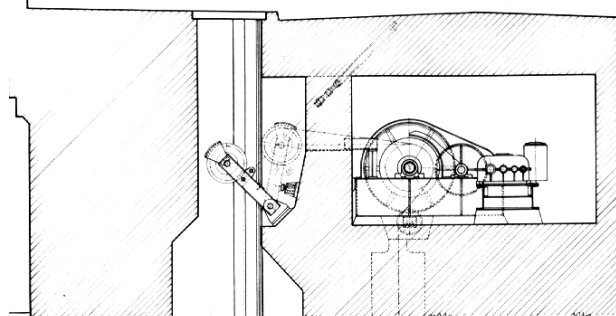
© Büsching, F.: Stauanlagenbau

2000/09.10



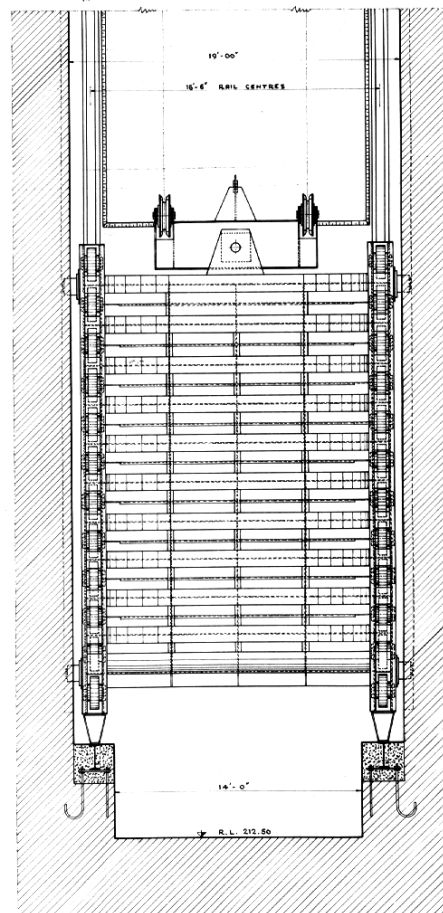
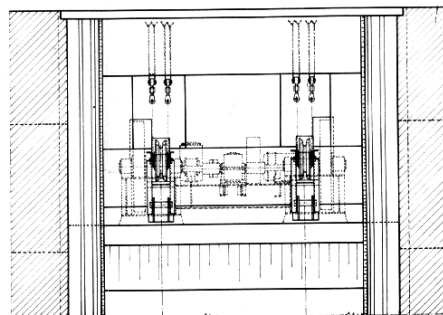
SECTION A-A

B

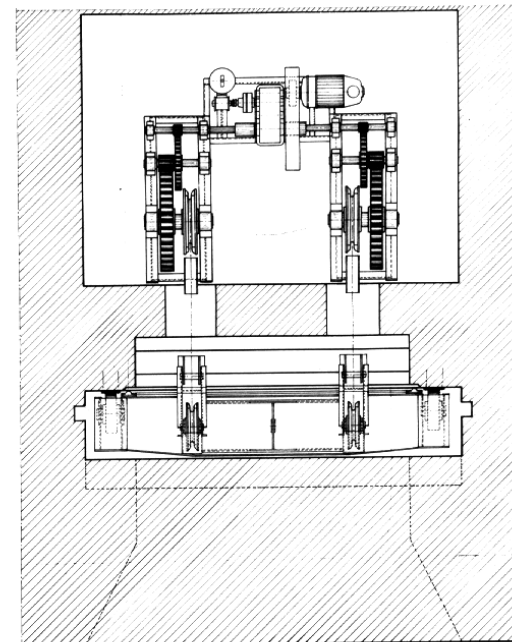


SECTION B-B

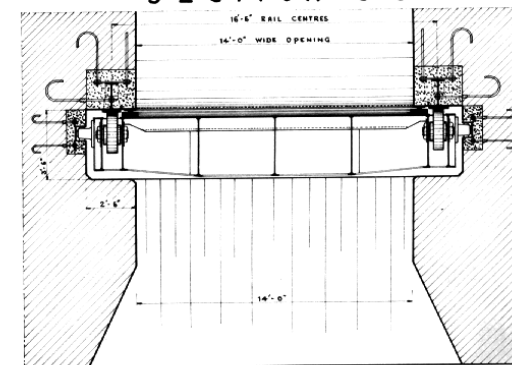
A



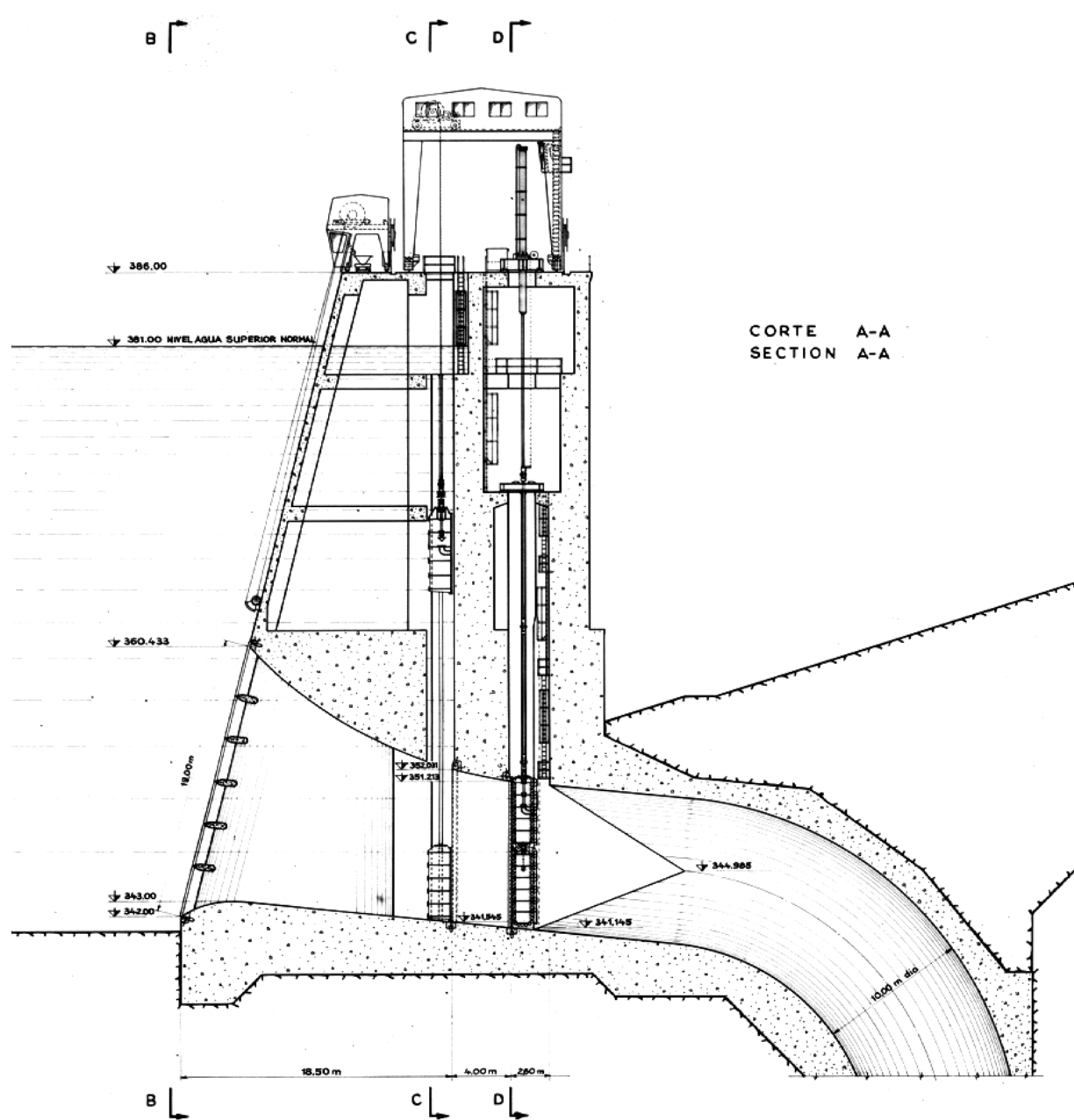
SECTION C-C



SECTION D-D

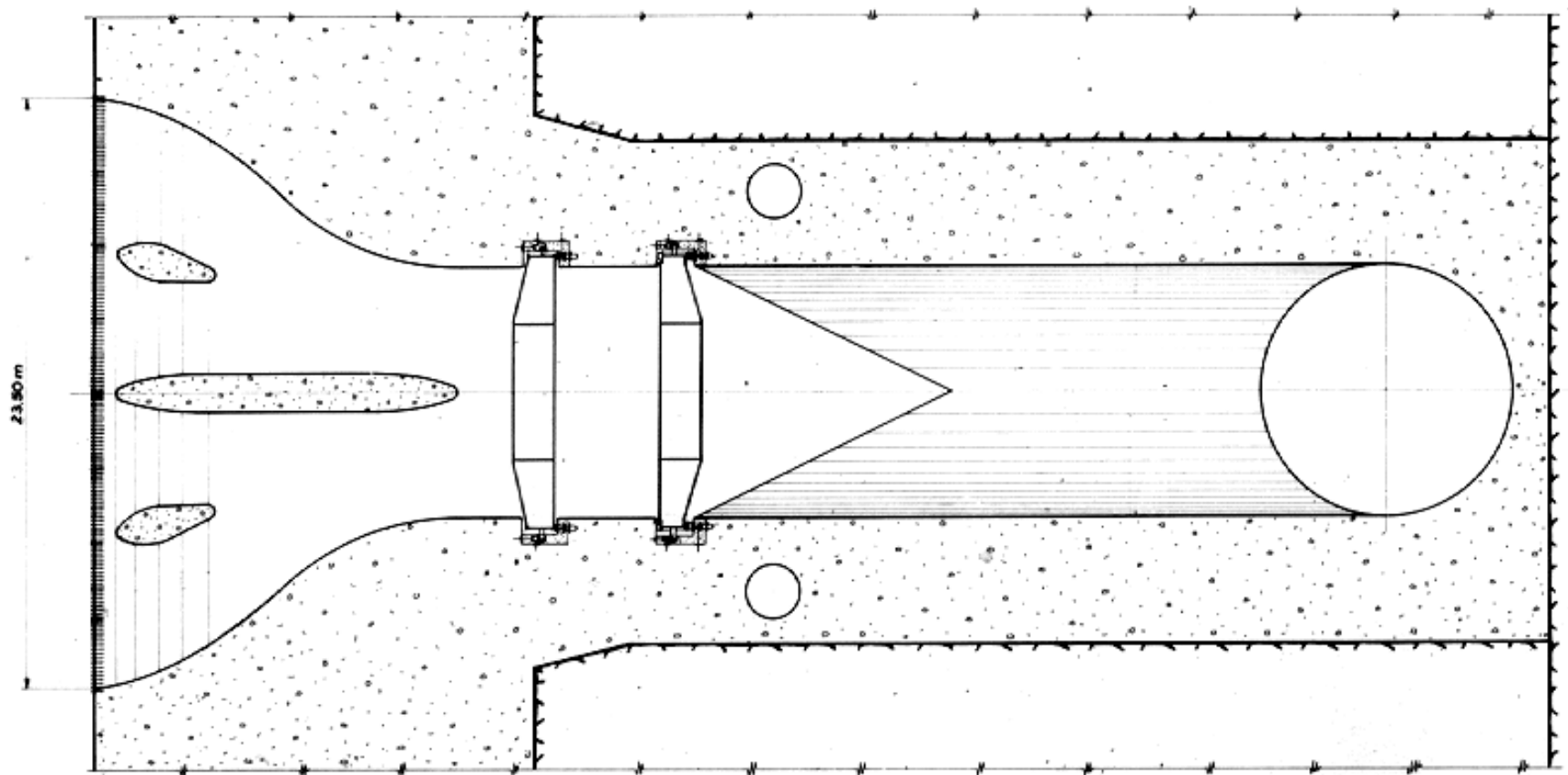


Warragamba, Australien



El Chocon, Mexico, 1969

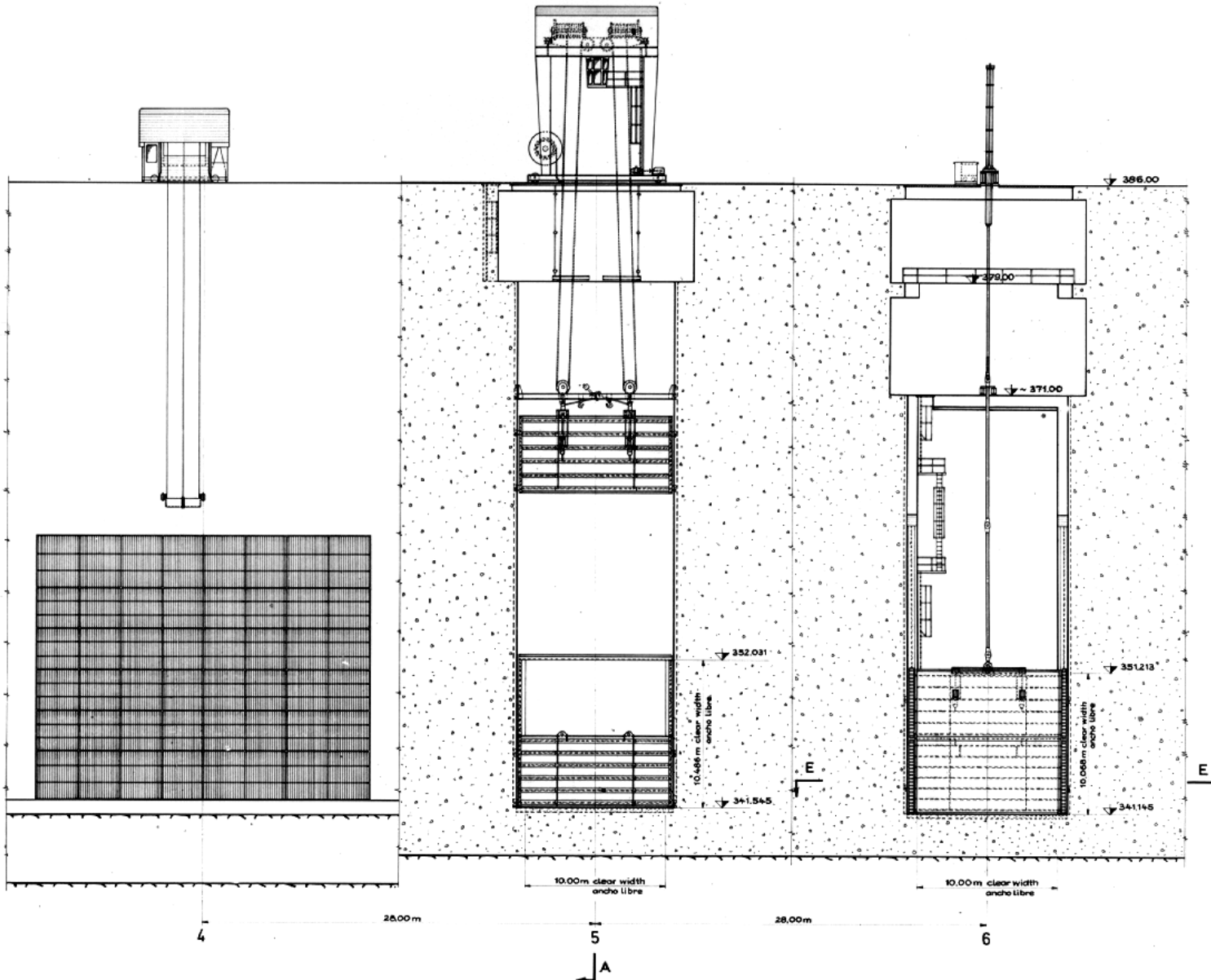




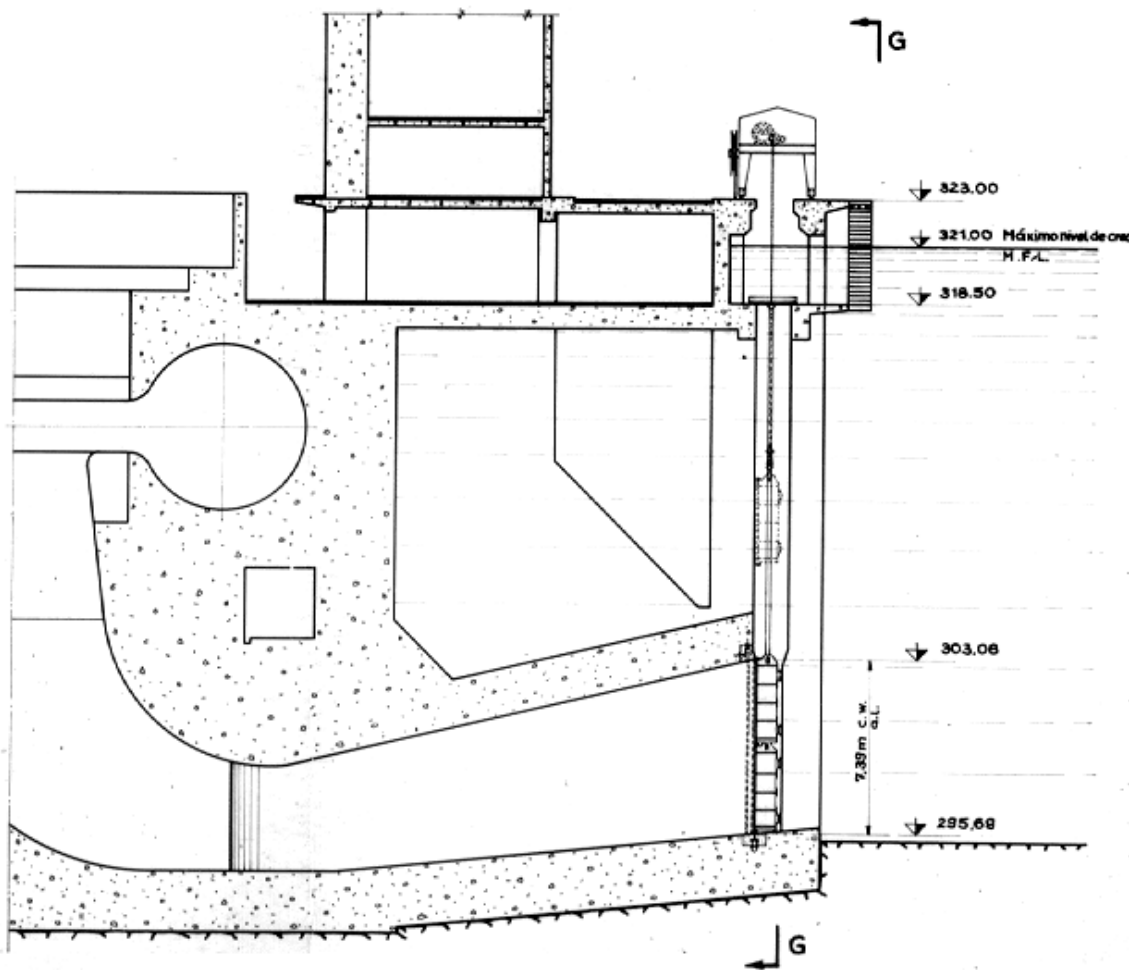
CORTE B-B  
SECTION B-B

CORTE C-C  
SECTION C-C

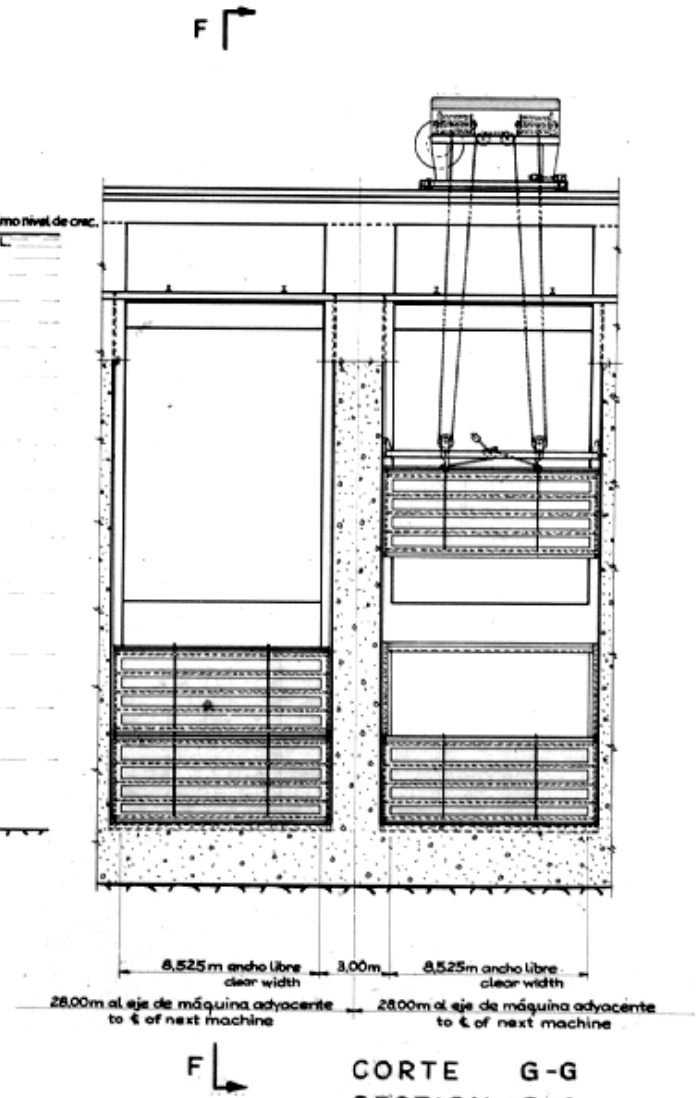
CORTE D-D  
SECTION D-D







CORTE F-F  
SECTION F-F



CORTE G-G  
SECTION G-G