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WASSERLEITUNG.

Mit Bewilligung des wohllöblichen Gemeinderathes

herausgegeben

von

CARL MIHATSCH,

Oberingenieur des Stadtbauamtes, Ritter des Franz Josef Ordens.

DARGESTELLT IN 57 TAFELN.

WIEN 1881.

Verlag von Alfred Hölder, k.k. Hof-& Universitäts-Buchhändler,

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Techn. art. Anst. v. Chr. Höller, Wien

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WIENER KAISER FRANZ JOSEF HOCHQUELLEN-

WASSERLEITUNG.

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„ III. Triangulirung im Höllenthale.
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„ V. Wasserschloss dto. Grotte.
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„ X. Façade: dto. dto.
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„ XVIII. Absperrschieber.
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„ XXXI. Uebersetzung der Sofienbrücke.
„ XXXII. Uebersetzung der Brigittabrücke.
„ XXXIII. Hochstrahlbrunnen.
„ XXXIV. Hydranten.
„ XXXV. Hydranten.
„ XXXVI. Schlauchtrommelwagen.
„ XXXVII. Anbohrungsbestandtheile.
„ XXXVIII. Anbohrungsbestandtheile.
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„ XL. Graphische Darstellung des Wasserzuflusses von 1873—1878.
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„ XLII. Vergrösserung dto. „Schmelz".
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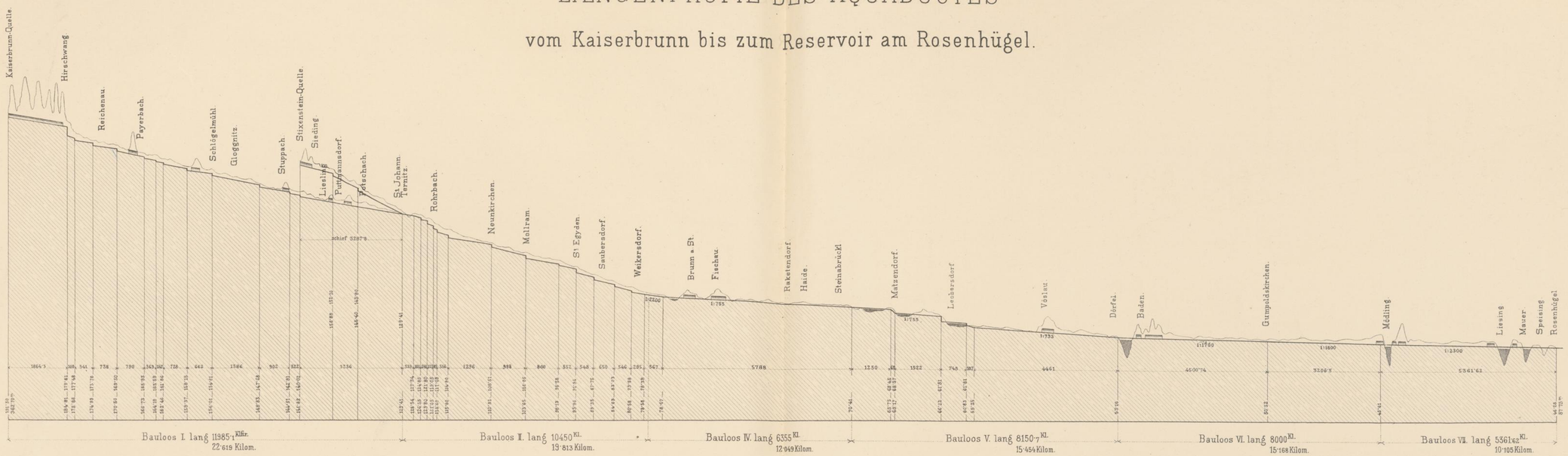
Wiener Hochquellen-Wasserleitung.

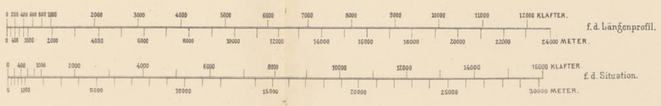
I. Abtheilung.

TAFEL I.

LÆNGENPROFIL DES AQUADUCTES

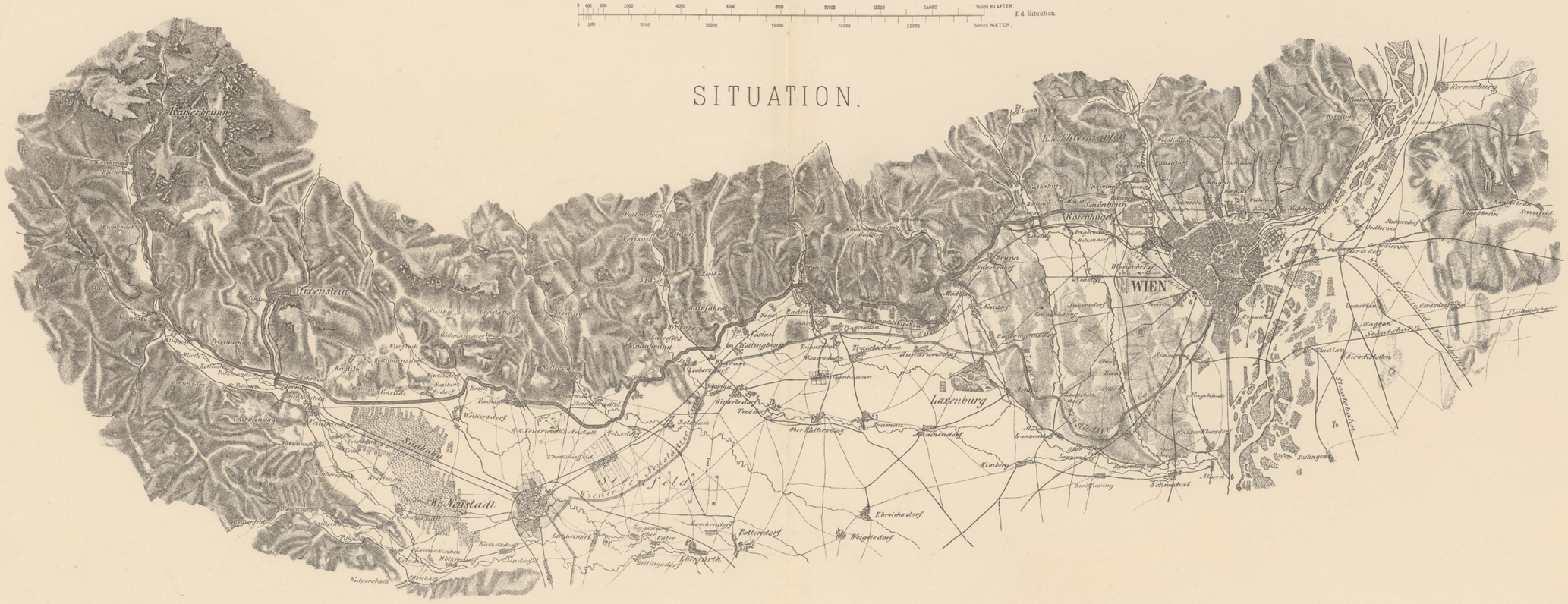
vom Kaiserbrunn bis zum Reservoir am Rosenhügel.





Die Höhencoten sind in Wr. Klafter und beziehen sich auf den Nullpunkt des Donau-Canales am Pegel der Ferdinands-Brücke.

SITUATION.



Fotolithogr. v. Chr. Höller, Wien.

Wiener Hochquellen-Wasserleitung, I. Abthlg.

SITUATION DES KAISERBRUNNENS UND DER STIXENSTEINER QUELLE.

Taf. II.



Maßstab, 1 Wiener Zoll 600 Wiener Klafter

Meter 1000 600 200 0 1 2 Kilometer.

(1 : 43.200)

Ausgabe 1880. Nur in den Hauptcommunicationen berichtigt.

Herausgegeben vom kk. milit. geografischen Institute in Wien.

Vervielfältigungsrecht vorbehalten.

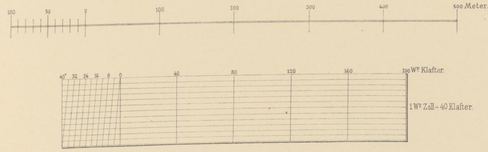
TRIANGULIRUNG

des Stollens von Kaiserbrunn bis Hirschwang.



Winkel des W.P. 1. = 146° 0' 0"
dt ▪ W.P. 2. = 117° 28' 0"
dt ▪ W.P. 3. = 126° 18' 0"
dt ▪ W.P. 4. = 145° 33' 37"
dt ▪ W.P. 5. = 153° 22' 0"

NB. Die Aufnahme der eingezeichneten Schichtenlinien erfolgte in Abständen von 2 zu 2 Klaftern Höhe = 3·793m



Zeichen-Erklärung.

- Häuser.
- Baraken.
- Haupt-Stollen.
- Förder-Stollen.
- Material-Plätze.

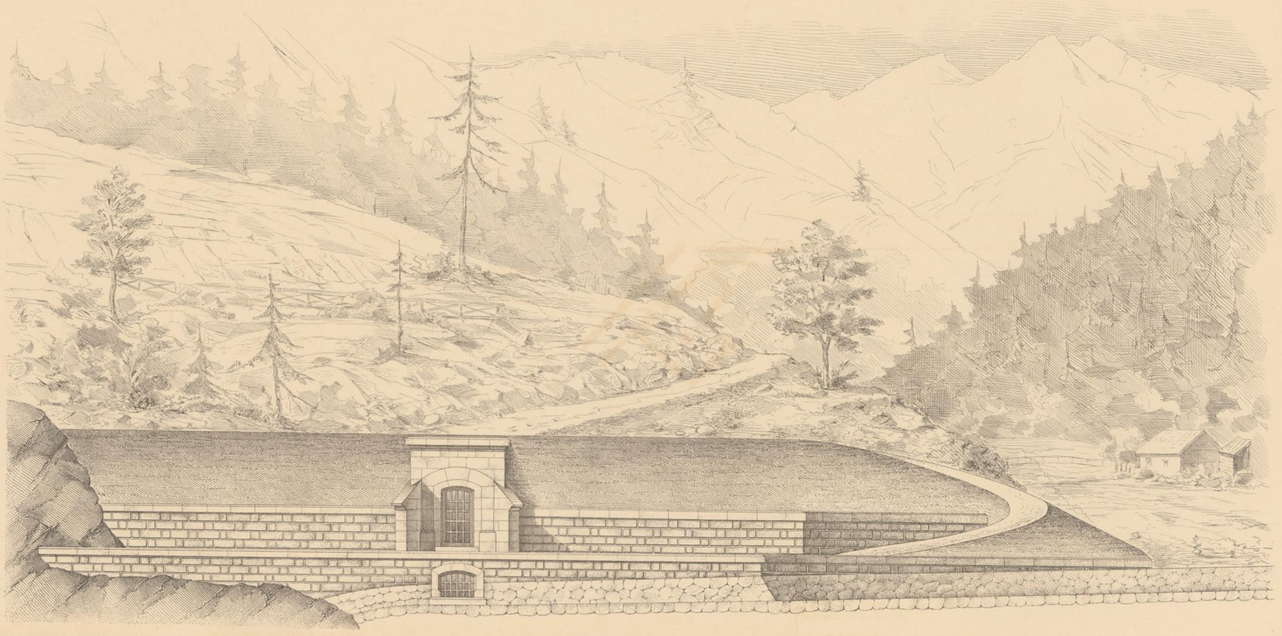
Techn. art. Anst. v. Chr. Höller, Wien.

Wiener Hochquellen-Wasserleitung.
I. Abtheilung.

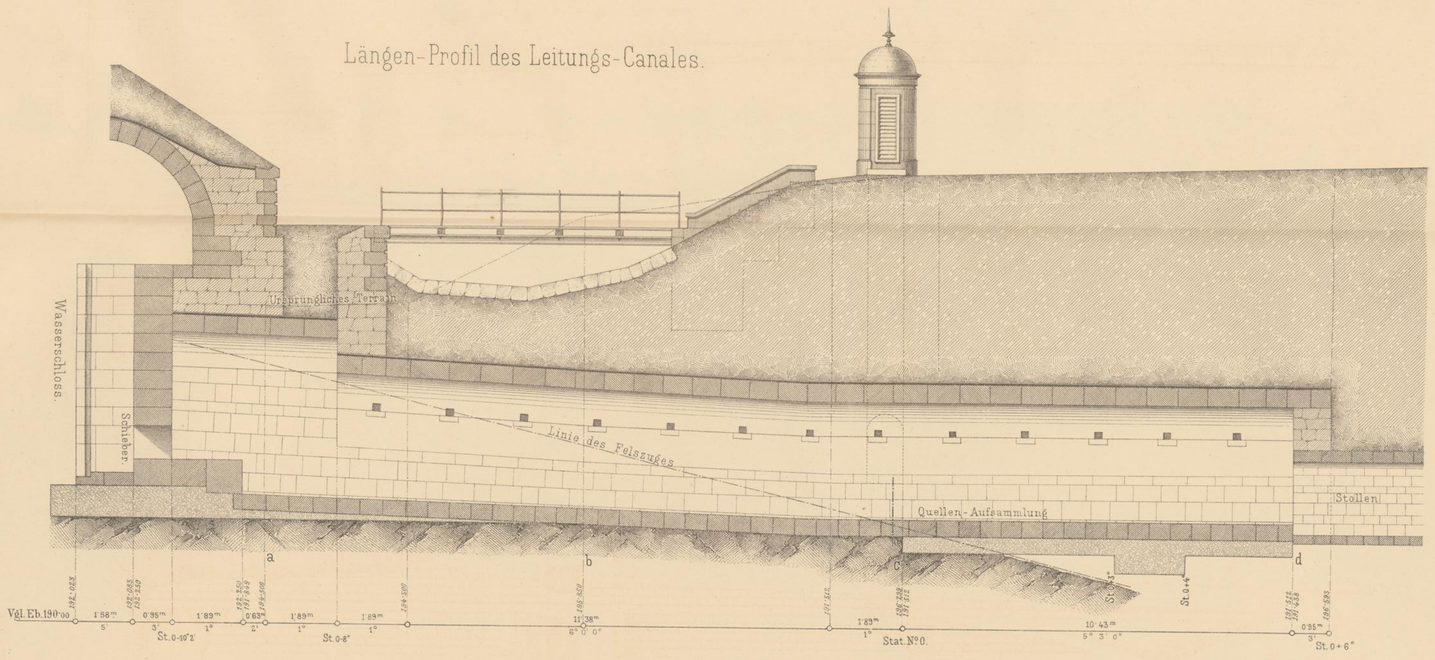
TAFEL **IV.**

WASSERSCHLOSS KAISERBRUNN.

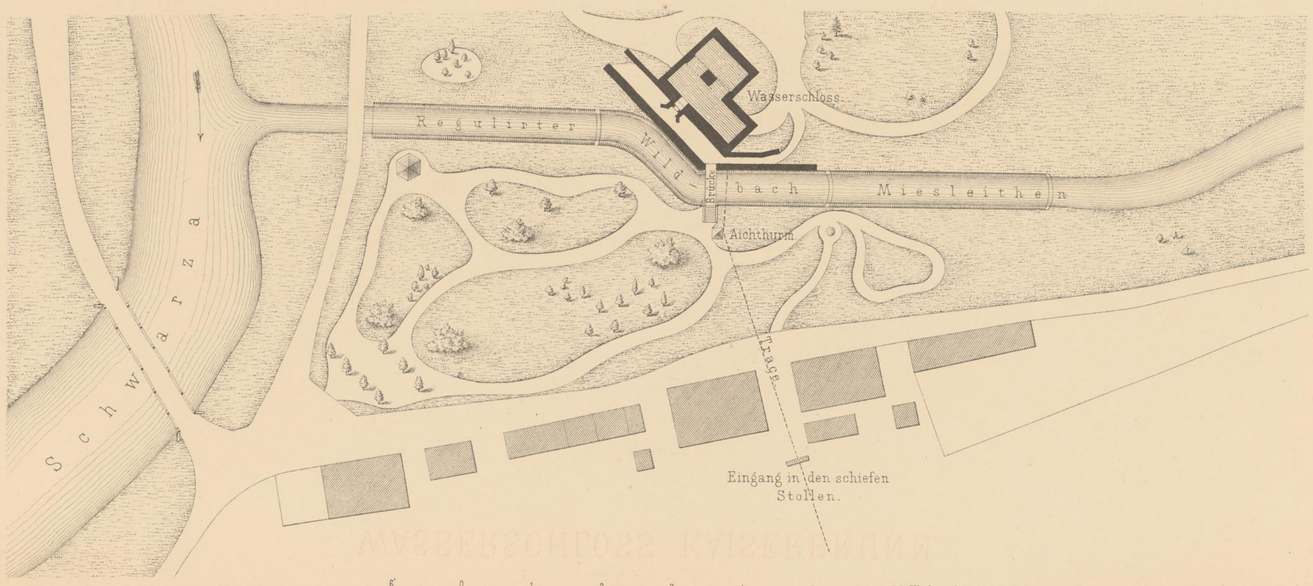
Ansicht.

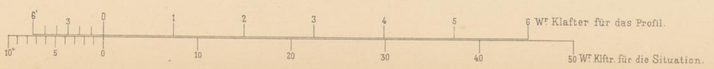


Längen-Profil des Leitungs-Canales.



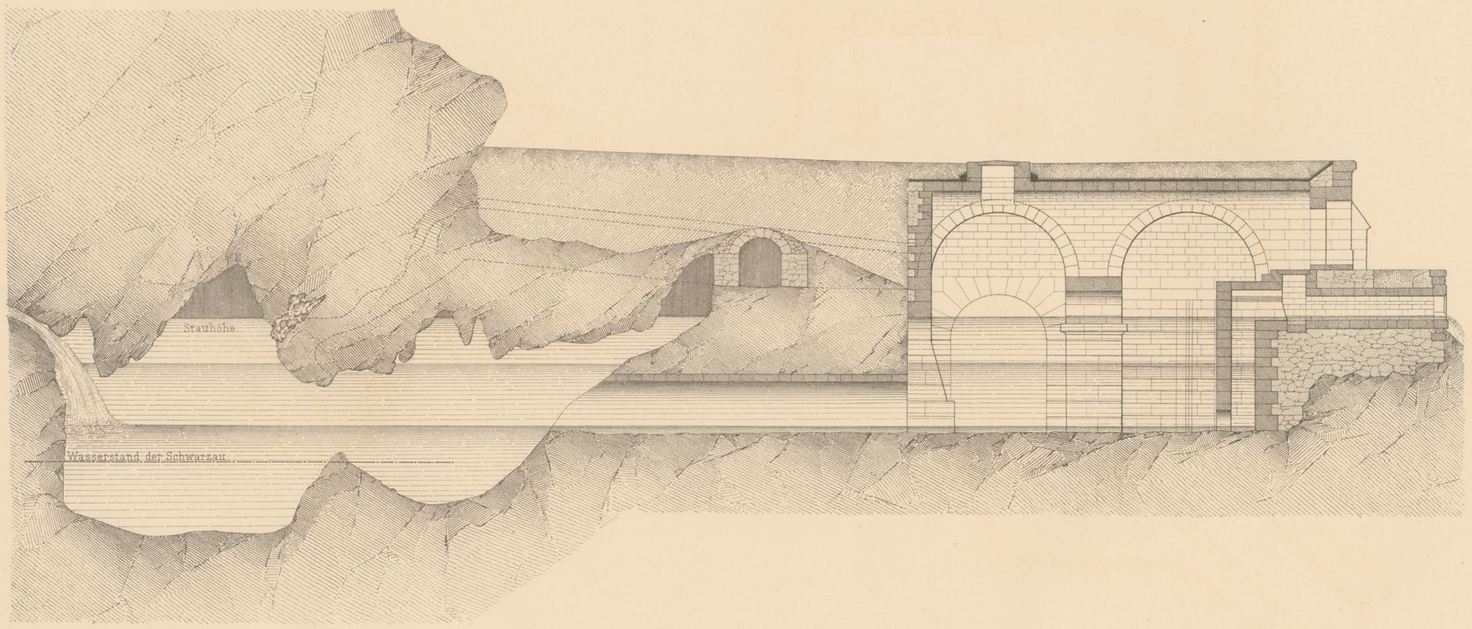
Situation.



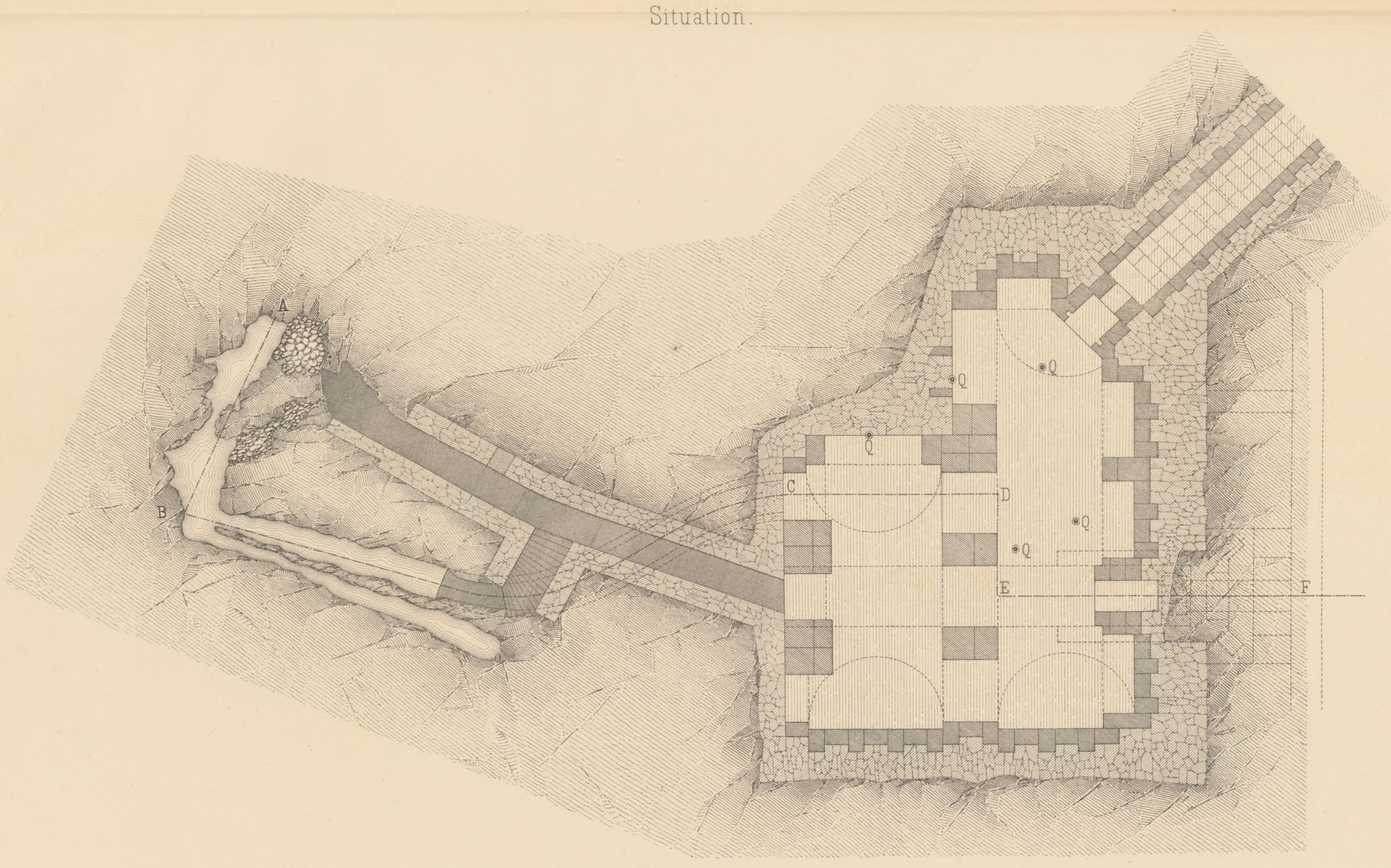


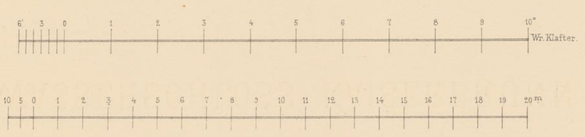
WASSERSCHLOSS KAISERBRUNN.

Schnitt A B C D E F.



Situation.





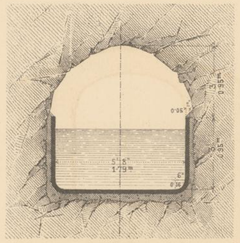
Techn. art. Anst. v. Chr. Höllen. Wien.

NORMAL - PROFILE.

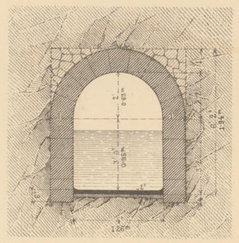
Stollen - Profile.

Allgemeine Anwendung
im compacten Fels.

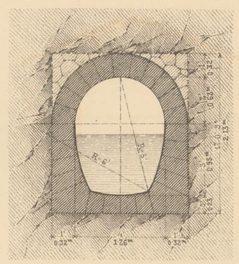
Gefälle 1:310.



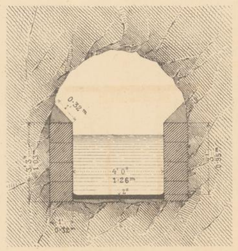
Allgemeine Anwendung
im gespaltenen Fels.

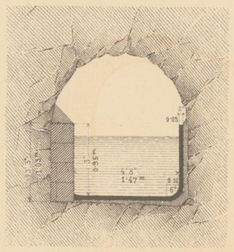


Strecke Kaiserbrunn - Ternitz.

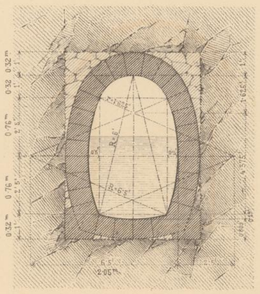


Jm Höllenthal - Stollen.
Gefälle 1:310.

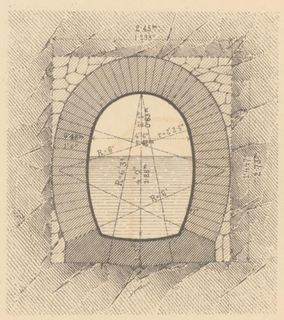


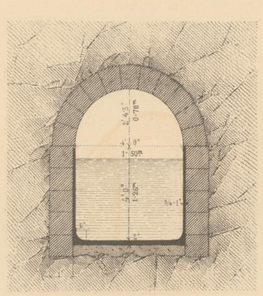


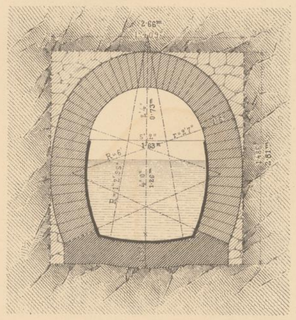
Strecke Weikersdorf am Steinfelde
bis Weikersdorf bei Baden.



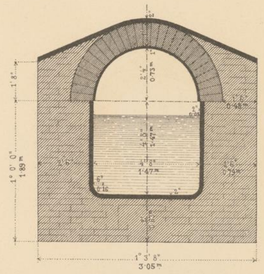
Strecke Baden - Rosenhügel.



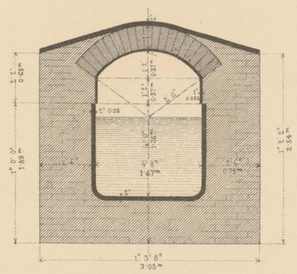


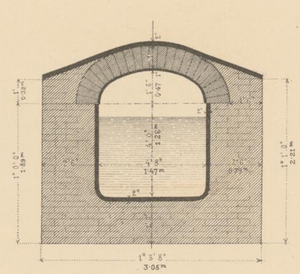


Canal - Profile.

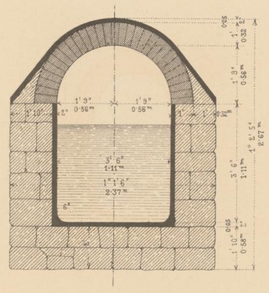


Strecke Mödling - Rosenhügel.
Gefälle 1:2300.

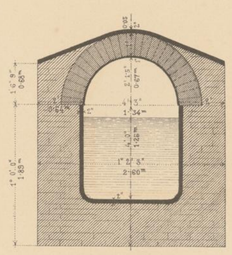




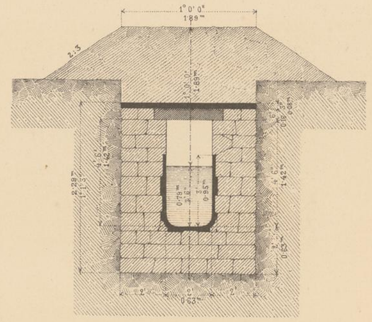
Strecke Weikersdorf am Steinfelde
bis Weikersdorf bei Baden.
Jm Gefälle 1:755



Strecke Gumpoldskirchen - Mödling.
Gefälle 1:1800.



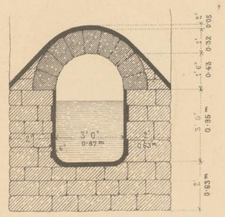
Auf der Stixensteiner-Linie.
Jm Gefälle 1:310 1:250, 1:200, 1:100.



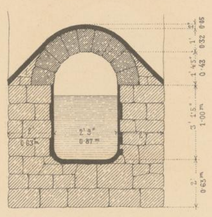
Strecke Hirschwang bis Weikersdorf am Steinfelde.

Jm Gefälle

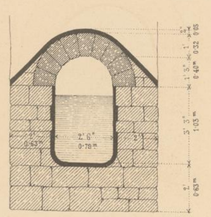
1:310.



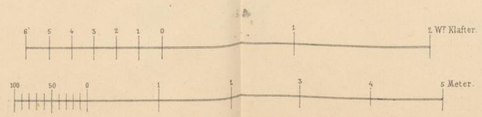
1:250.



1:200.



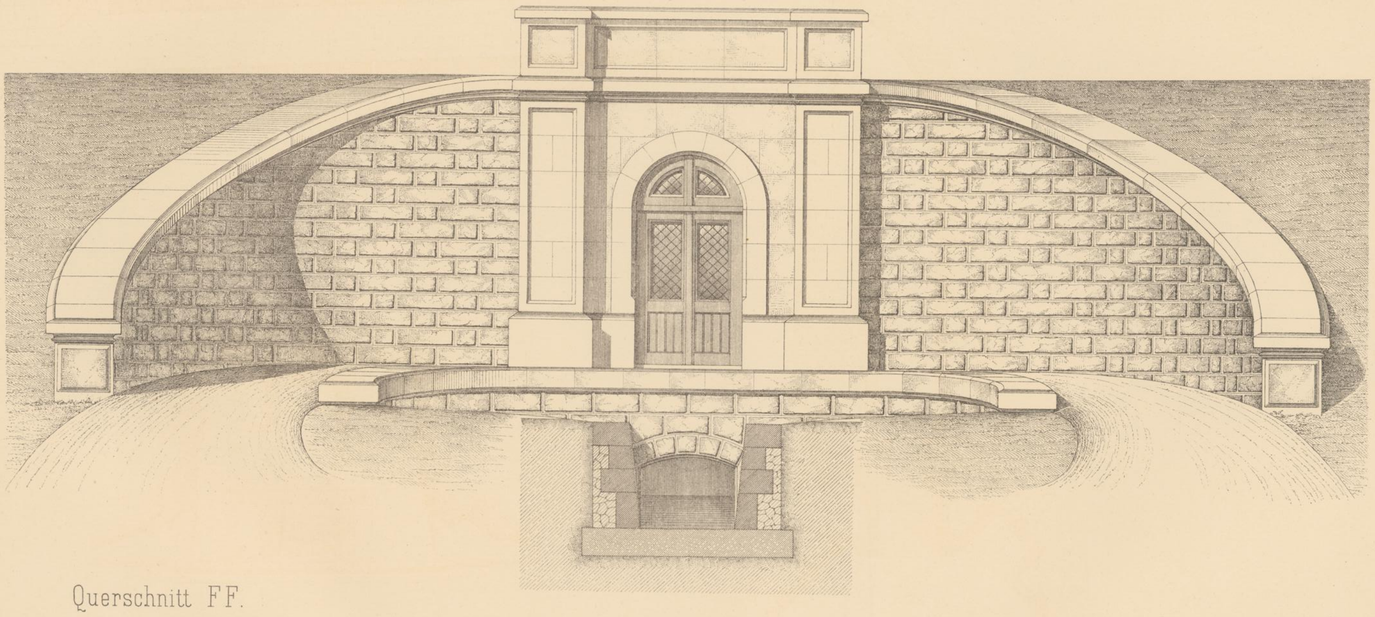
Bücherei
des Wiener
Stadt-Bauamtes



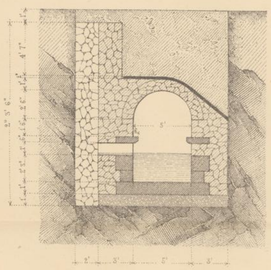
Techn. art. Anst. v. C. Höller, Wien.

WASSERSCHLOSS STIXENSTEIN.

Stirn-Ansicht.

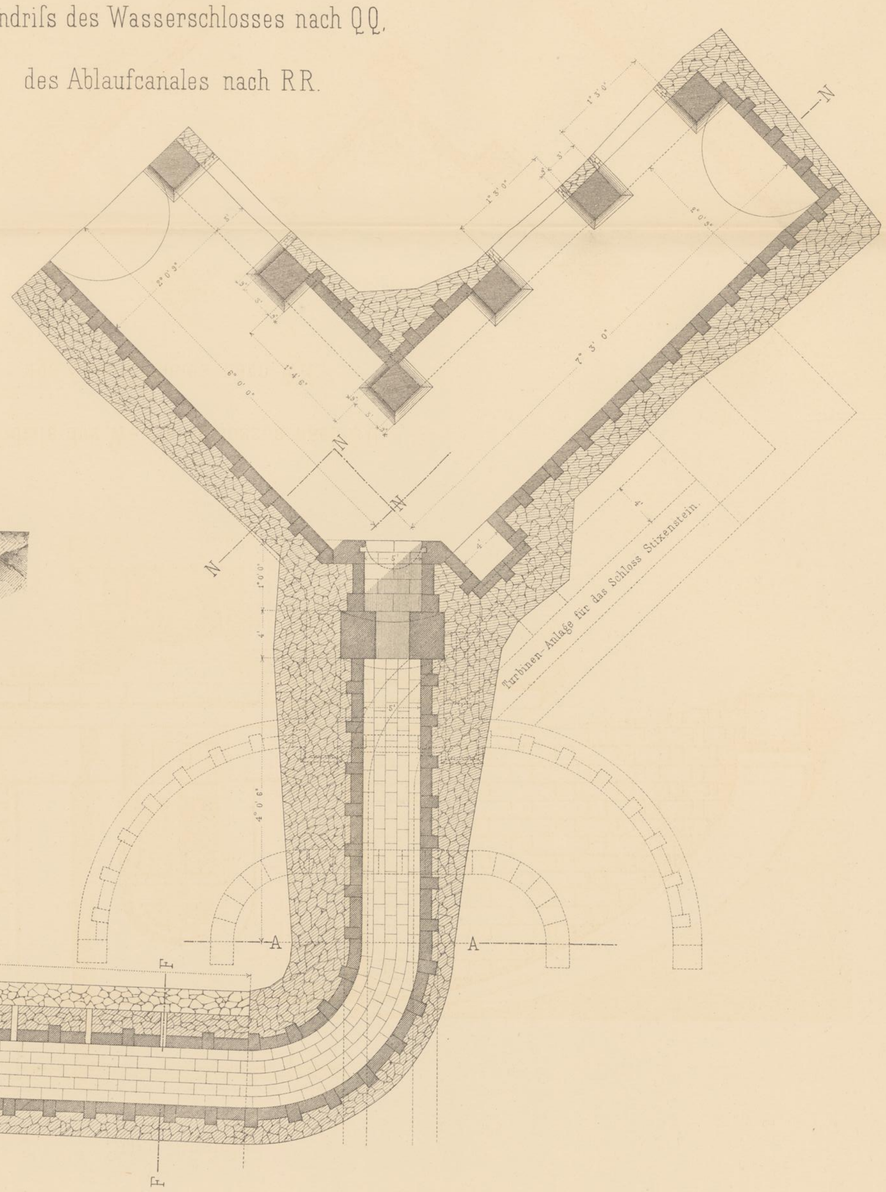


Querschnitt F F.

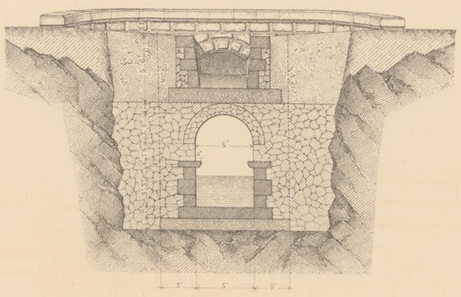


Grundrifs des Wasserschlosses nach Q Q.

des Ablaufcanales nach R R.



Querschnitt A A.



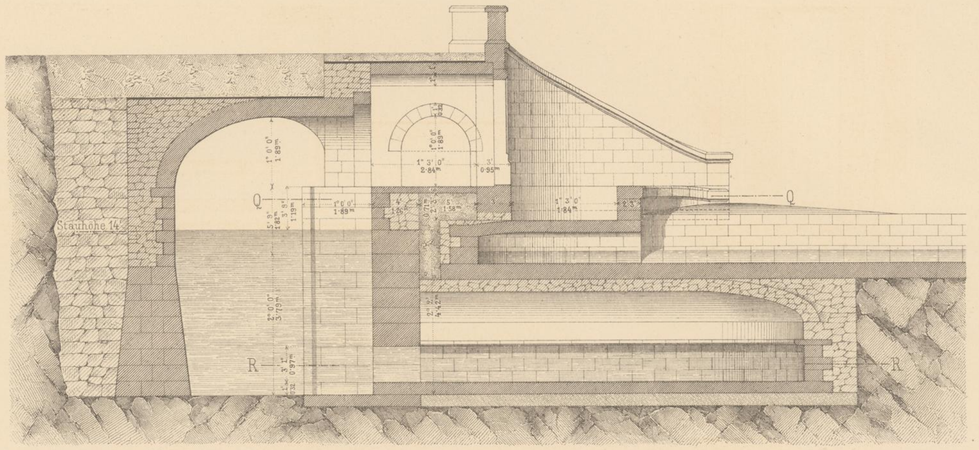
Für die Stirn-Ansicht.

Für den Grundrifs und die Querschnitte.

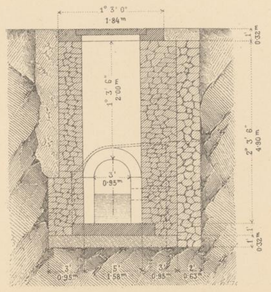
Techn. art. Anst. v. Chr. Hüller. Wien.

WASSERSCHLOSS STIXENSTEIN.

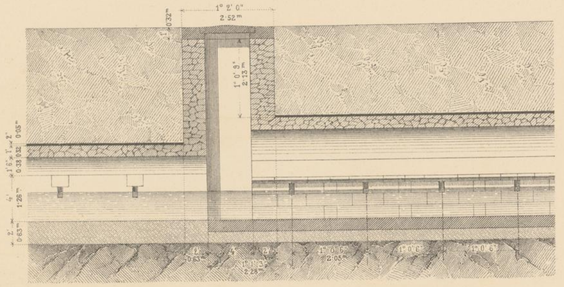
Längenschnitt L L.



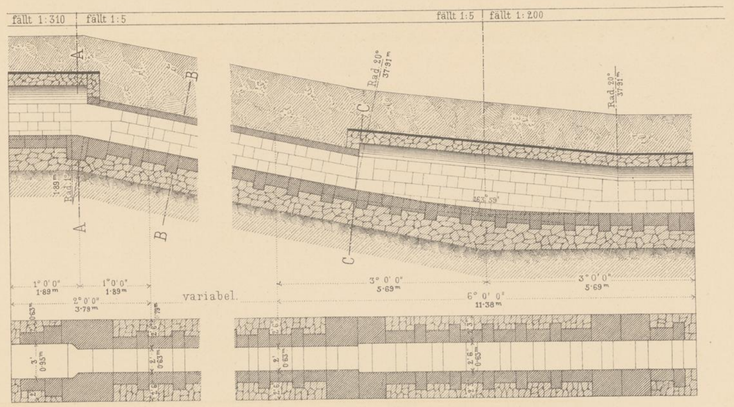
Querschnitt G G.



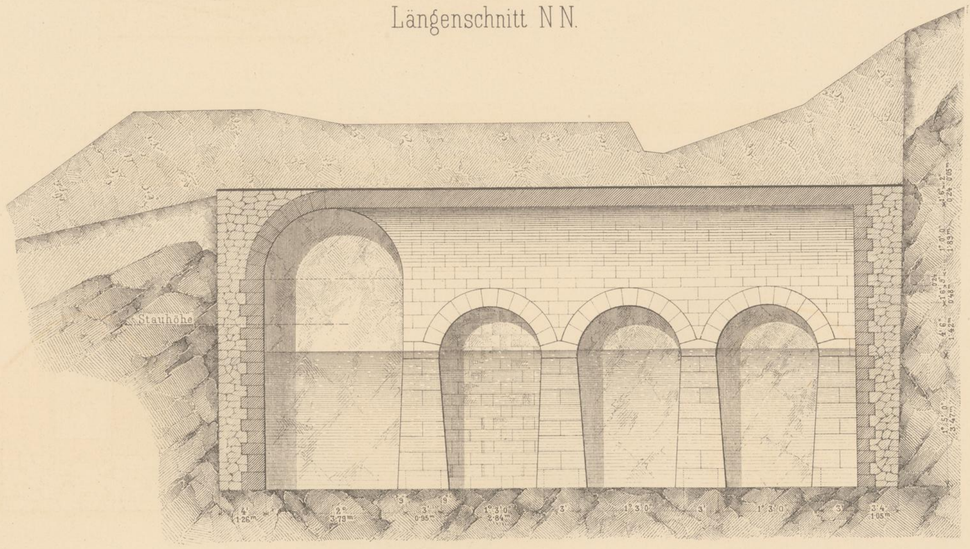
Längenschnitt O O.



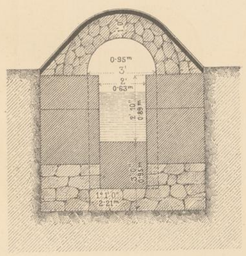
Normale für Abstürze.



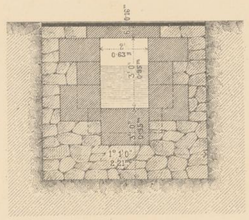
Längenschnitt N N.



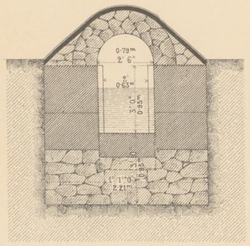
Schnitt A A.

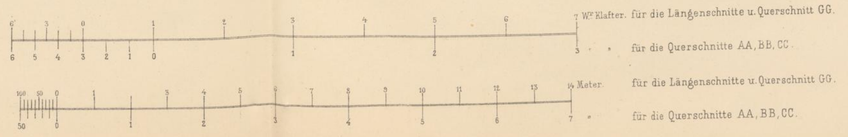


Schnitt B B.

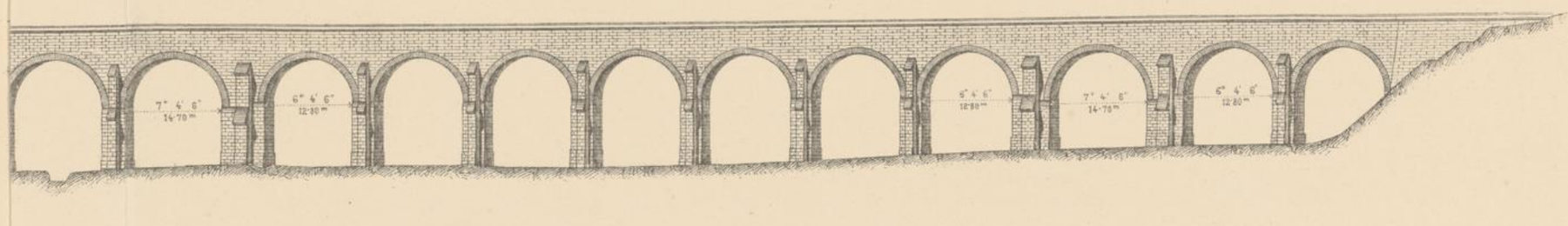


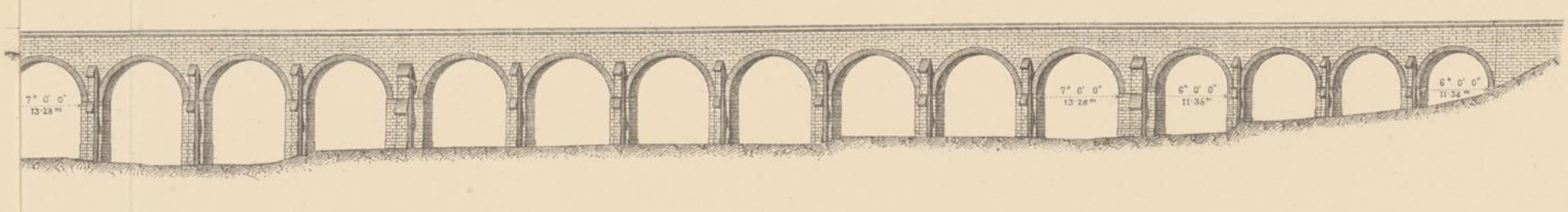
Schnitt C C.



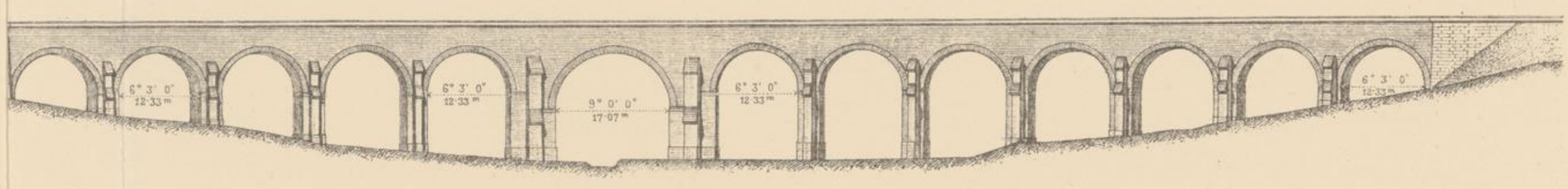


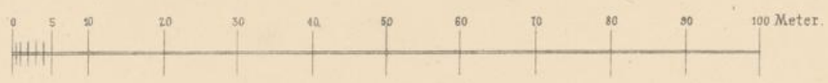
Techn. artist. Anst. v. Chr. Haller, Wien.


7° 4' 6"
14·70 m
6° 4' 6"
12·80 m
6° 4' 6"
12·80 m
7° 4' 6"
14·70 m
6° 4' 6"
12·80 m


7° 0' 0"
13·28 m
7° 0' 0"
13·28 m
6° 0' 0"
11·36 m
6° 0' 0"
11·36 m

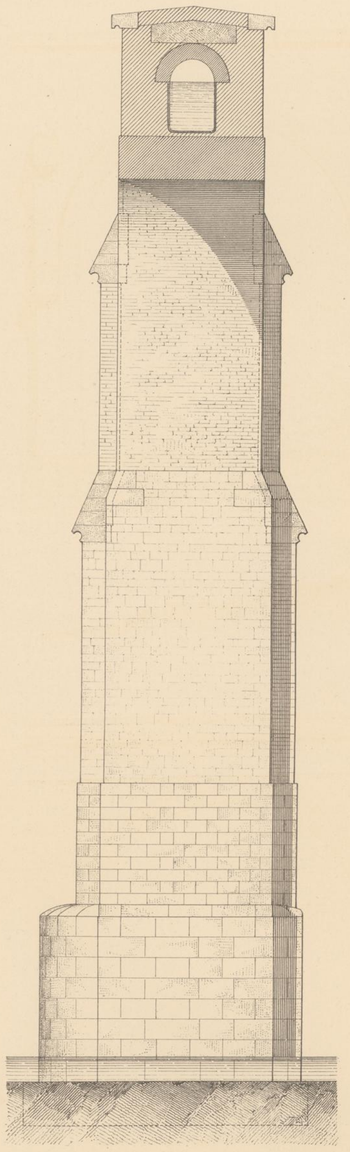
Bei Mauer.


6° 3' 0"
12·33 m
6° 3' 0"
12·33 m
9° 0' 0"
17·07 m
6° 3' 0"
12·33 m
6° 3' 0"
12·33 m

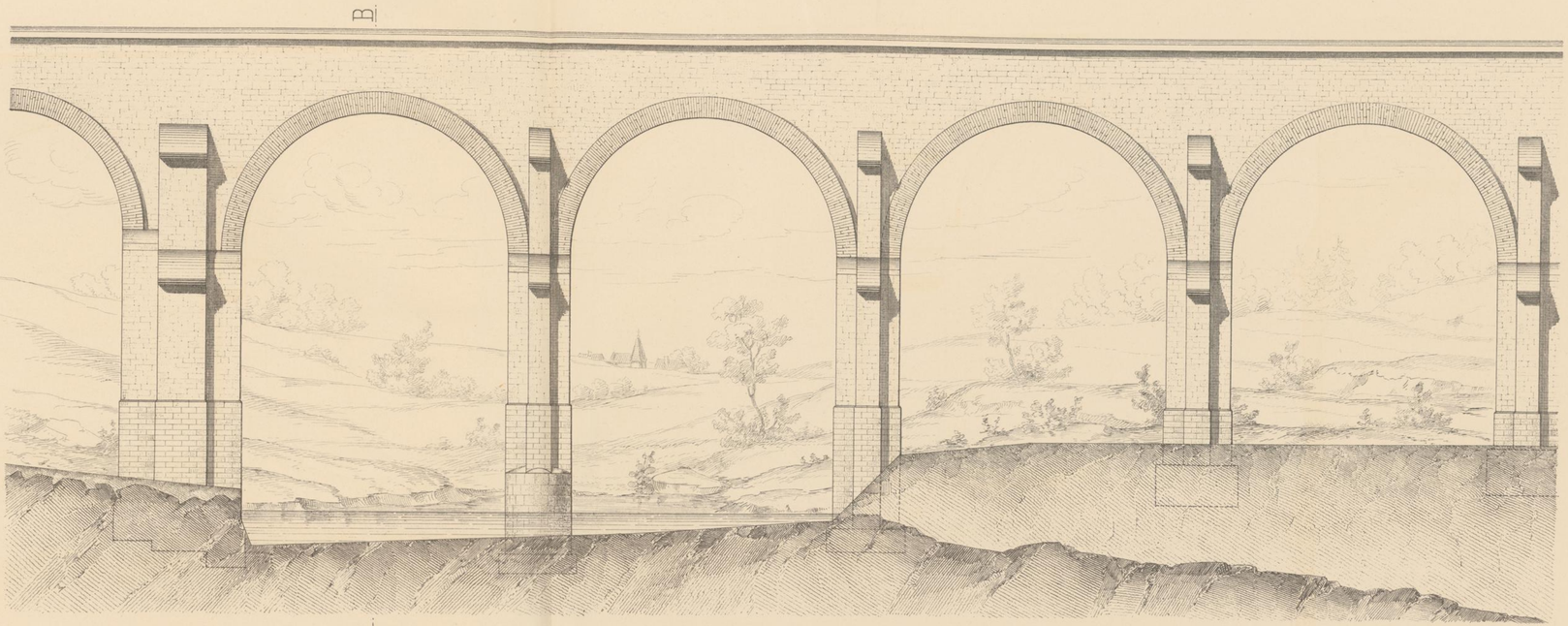

0
5
10
20
30
40
50
60
70
80
90
100 Meter.

AQUADUCT BEI BADEN.

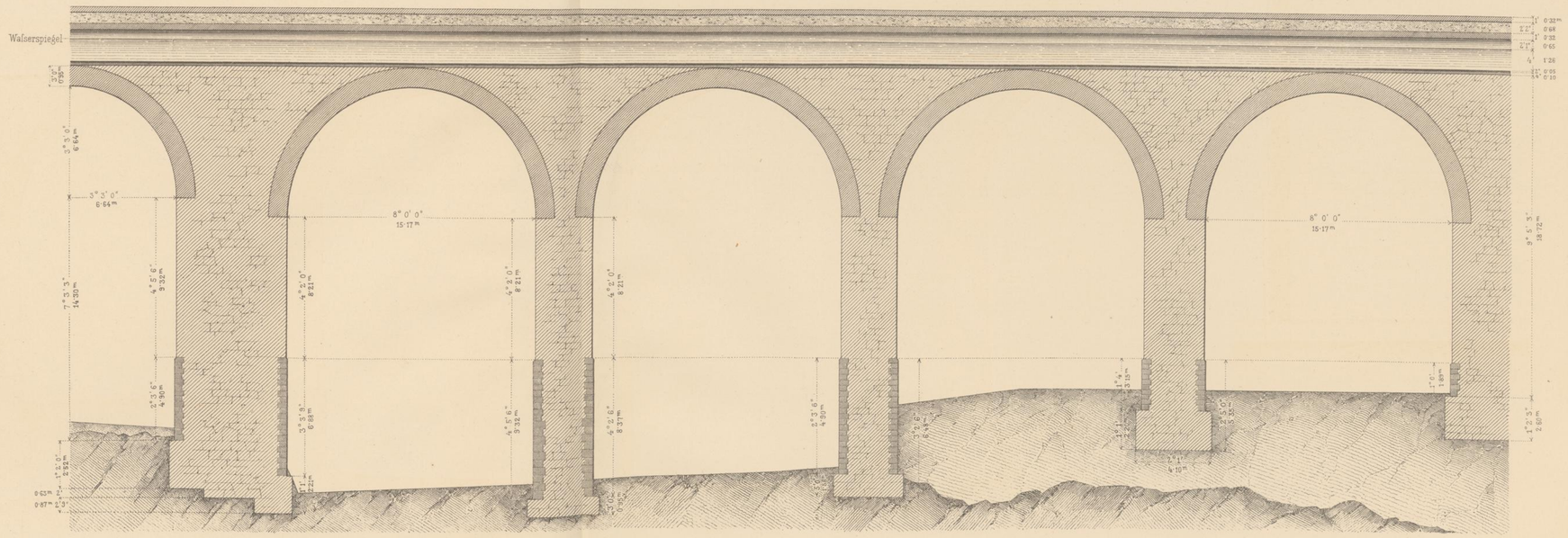
Profil AB.

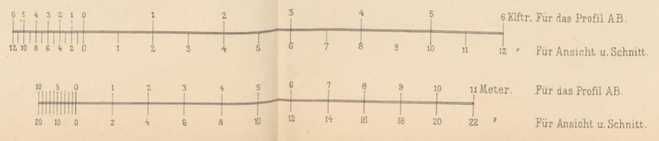


Ansicht.



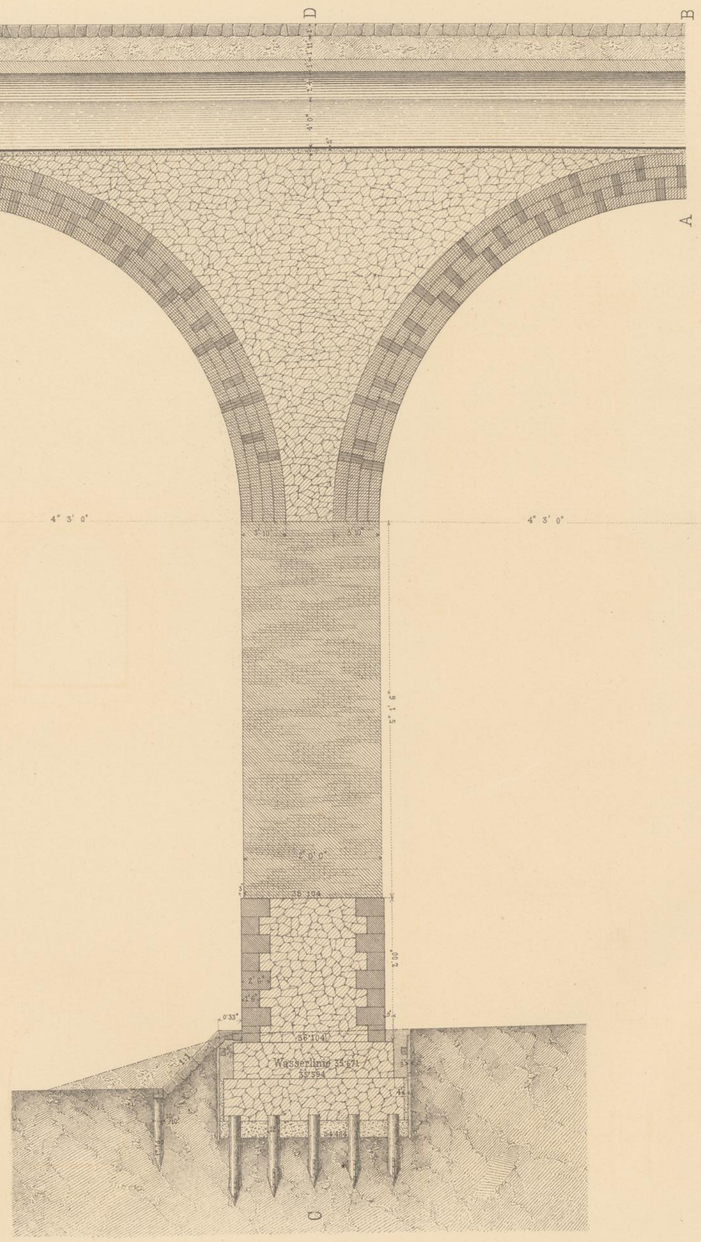
Längenschnitt.



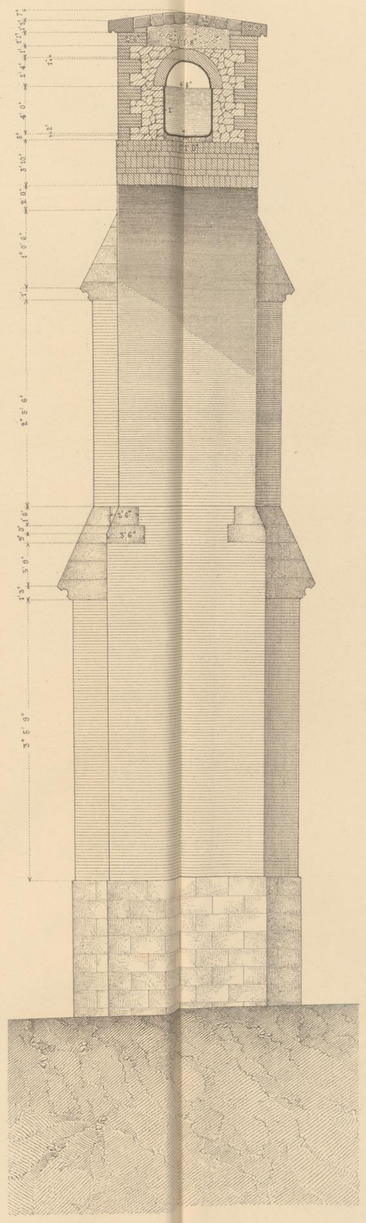


AQUADUCT IN MÖDLING.

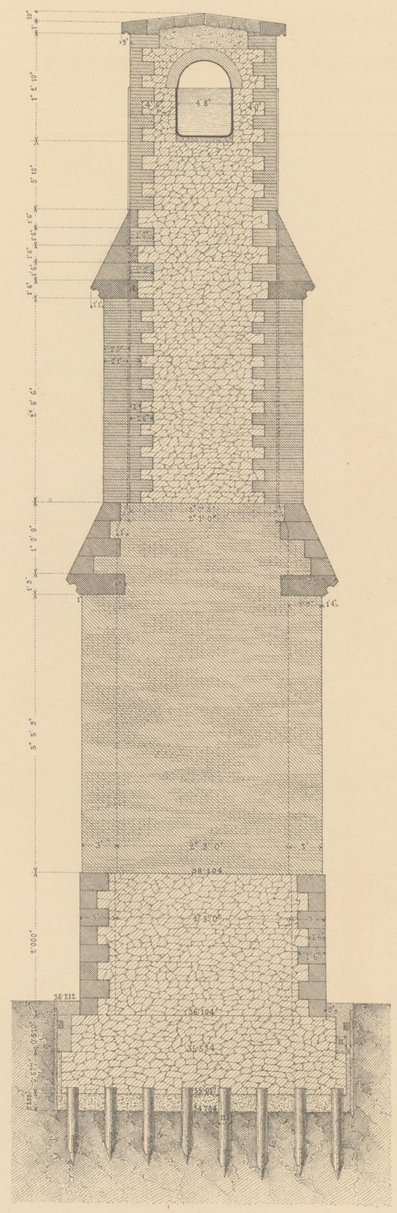
Längenschnitt.



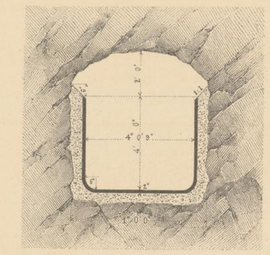
Querschnitt AB.

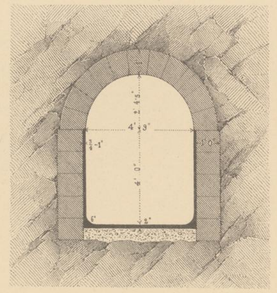


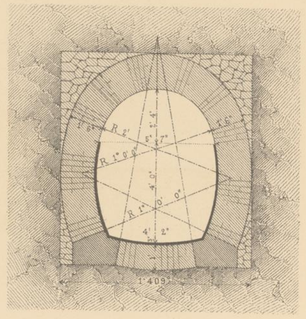
Querschnitt CD.



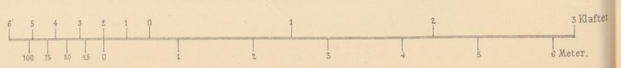
Normal-Profile.







Für die Normal-Profile.



Für die Schnitte.

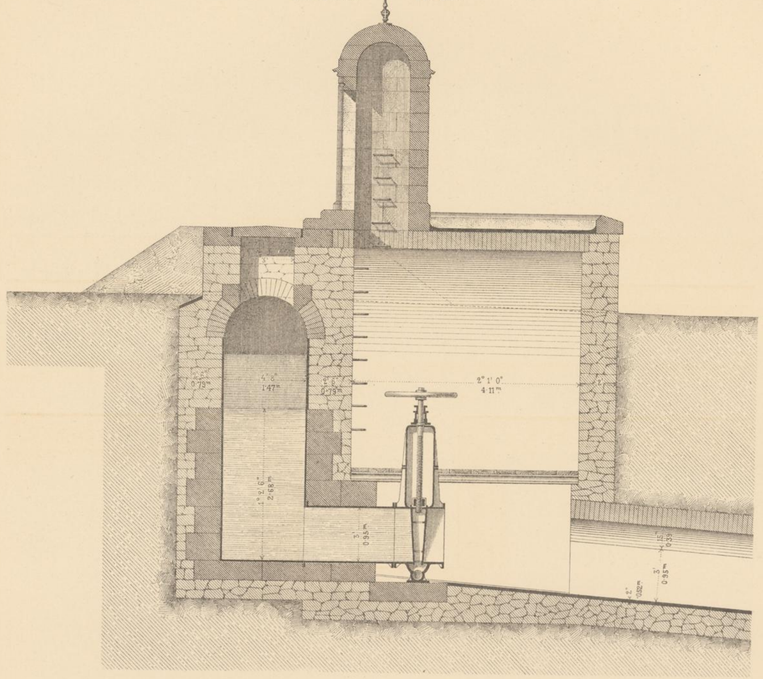


Techn. Art. v. Heller Wien.

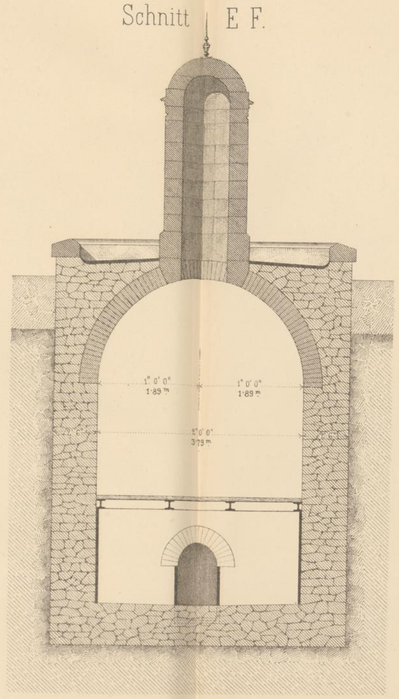
AICHTHÜRMCHEN

mit Einsteigschacht und Ablasskammer nächst dem Reservoir am Rosenhügel.

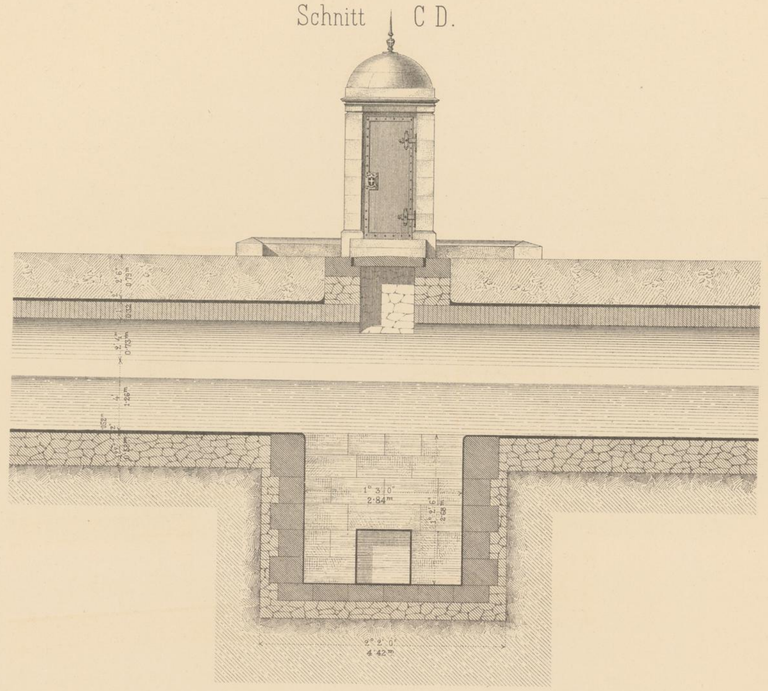
Schnitt A B.



Schnitt E F.

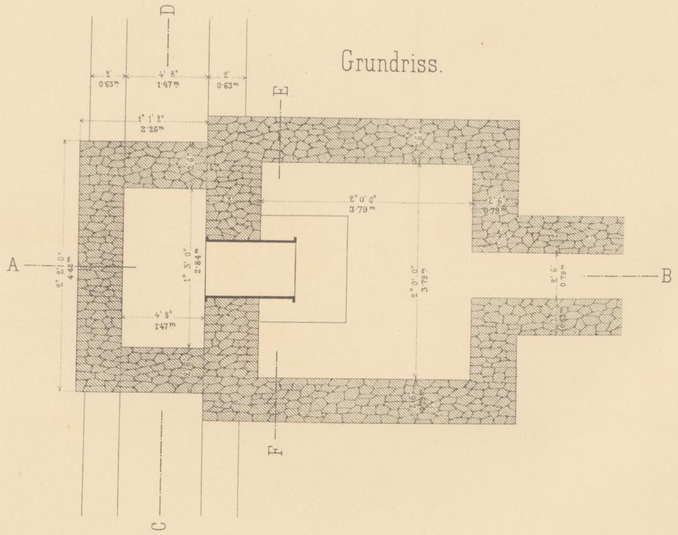


Schnitt C D.

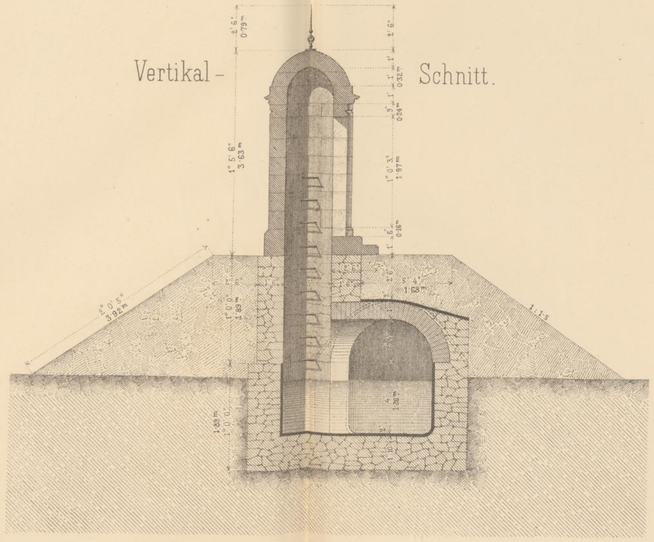


Am currenten Canal.

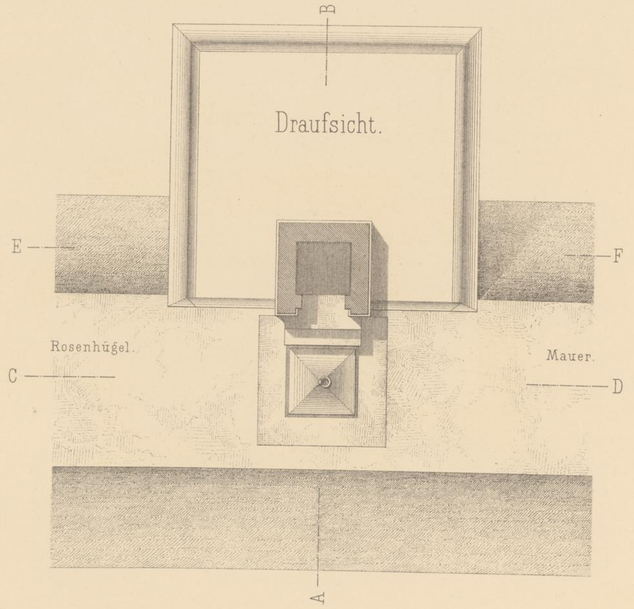
Grundriss.

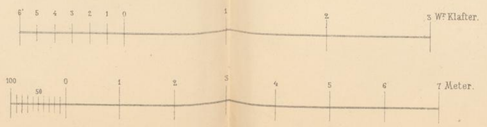


Vertikal-Schnitt.



Draufsicht.





Techn. art. Anst. v. Ghe. Hiller. Wien.

Wiener Hochquellen-Wasserleitung.

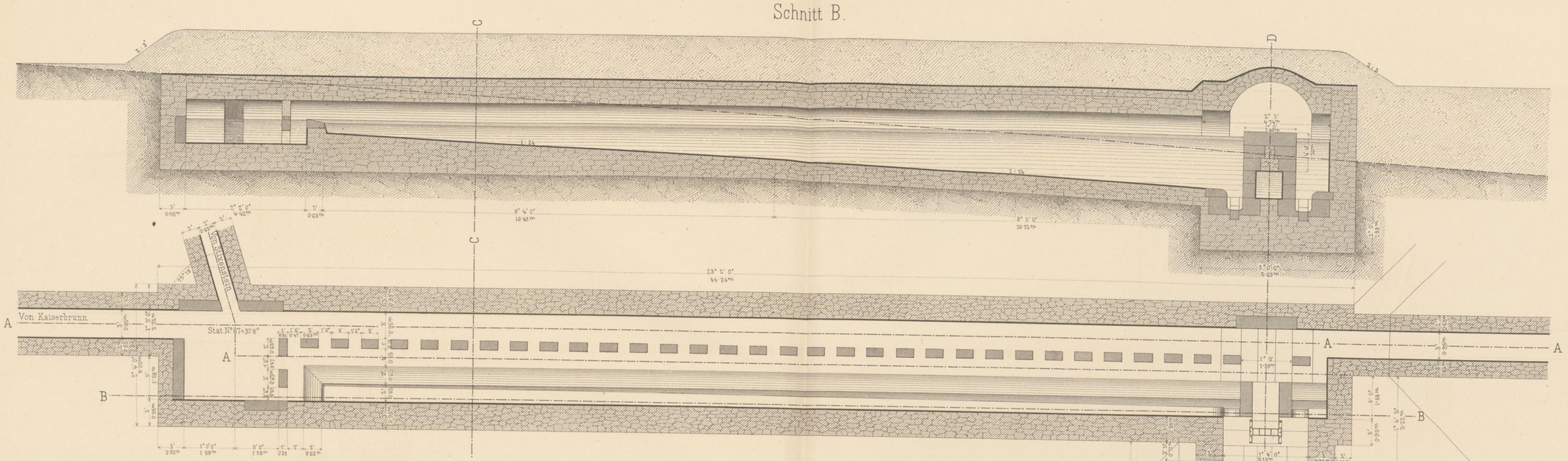
I. Abtheilung.

REGULATOR BEI ST. Nº 65 + 37·8°,

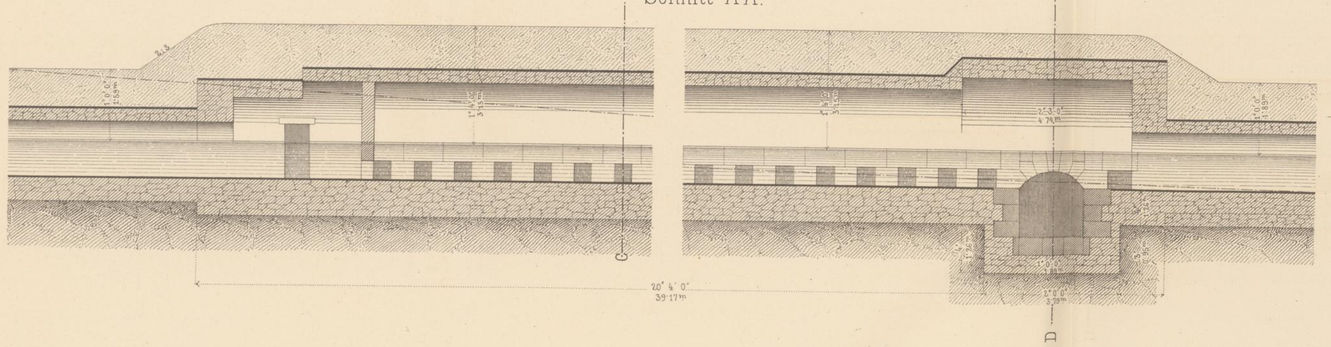
nächst Ternitz.

TAFEL **XIII.**

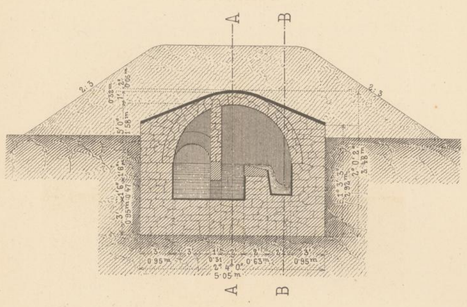
Schnitt B.



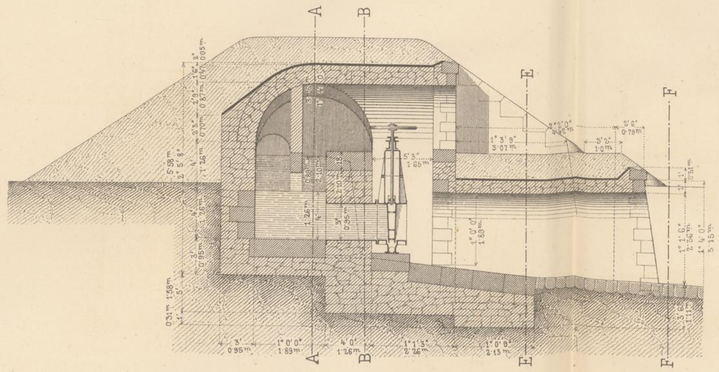
Schnitt AA.



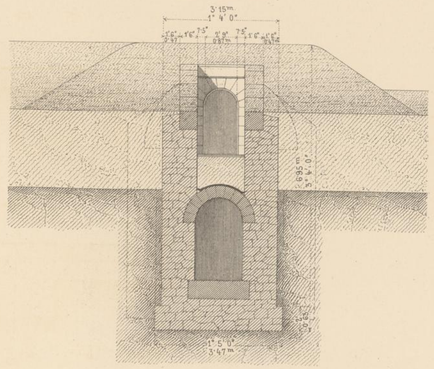
Schnitt CC.



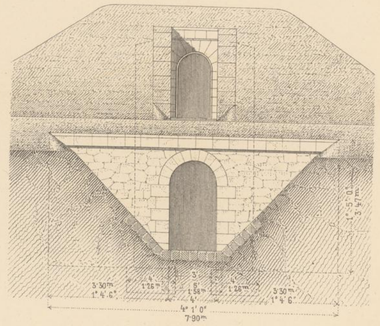
Schnitt DD.

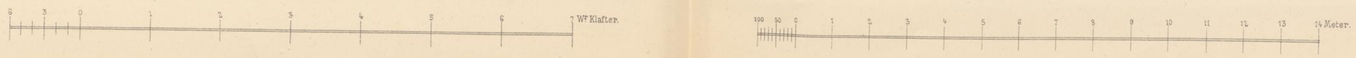


Schnitt EE.



Schnitt FF.





Techn. art. Anst. v. Ch. Reiffer, Wien.

PLAN

der Haupt- und Residenzstadt

WIEN

MIT UMGEBUNG

sammt dem Röhrennetz

und

DEN WASSERBEHÄLTERN

der

K. F. J. HOCHQUELLENLEITUNG.

Das Längen Ausmaaß des Röhrennetzes beträgt: 176.201 Wiener Klaftern, oder 44.05 österr. Meilen, gleich 336.56 Kilometer.

Dotirt vom Wasserbehälter:

- Rosenhügel
- Wienerberg
- Schmelz
- Laaerberg.

Reservoir der K.K. Leitung

Reservoir Schmelz

Reservoir Rosenhügel

Reservoir Laaer Berg

Reservoir Wienerberg

Gersthof · Ob. Döbling · Brigittenau · Dornbach · Weinhaus · Neu Währing · Währing · Hernals · Ottakring · Neu Lerchenfeld · Breitensee · Auf der Schmelz · Schmelzer · Exerzier Platz · Baumgarten · Penzing · Fünfhaus · Rudolfsheim · Sechshaus · Hietzing · Gaudenzdorf · Unter Meidling · Wilhelmsdorf · Kingelberg · Speising · Hetzendorf · Altmannsdorf · Matzleinsdorfer Frachten Bahnhof · Matzleinsdorfer Friedhof · Matzleinsdorfer Linie · Gemeinl. Marktplatz · Nordbahnhof · Staats Bahnhof · k.k. Artillerie Arsenal · Simmering · Erdberger Linie · Erdberger Kirchen Garten · Wasserleitung · Wasserwiese · Kübler Thor · Heim Brunn · Vogen Thal · Im obern Absberg · Im der magern Heuge · auf dem Heugaßel · Theer Fab. · Ziegel Oefen · Spinnerin am Kreutz · Wien

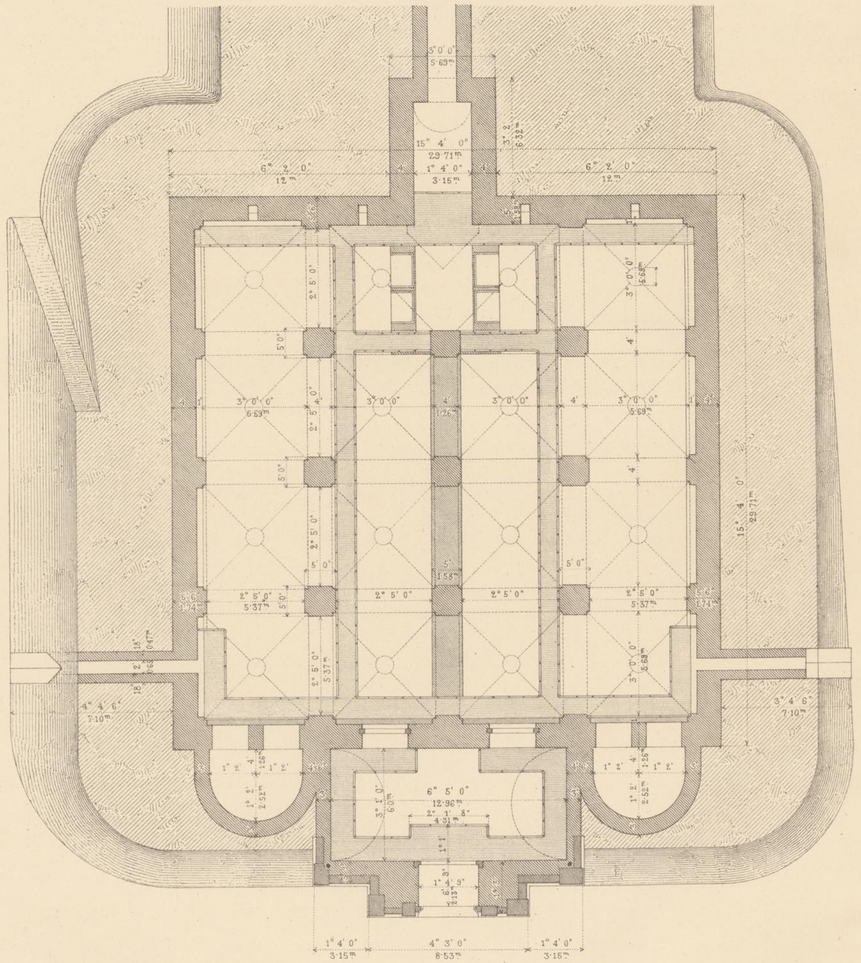
Zur Donaustadt

Vervielfältigung vorbehalten.

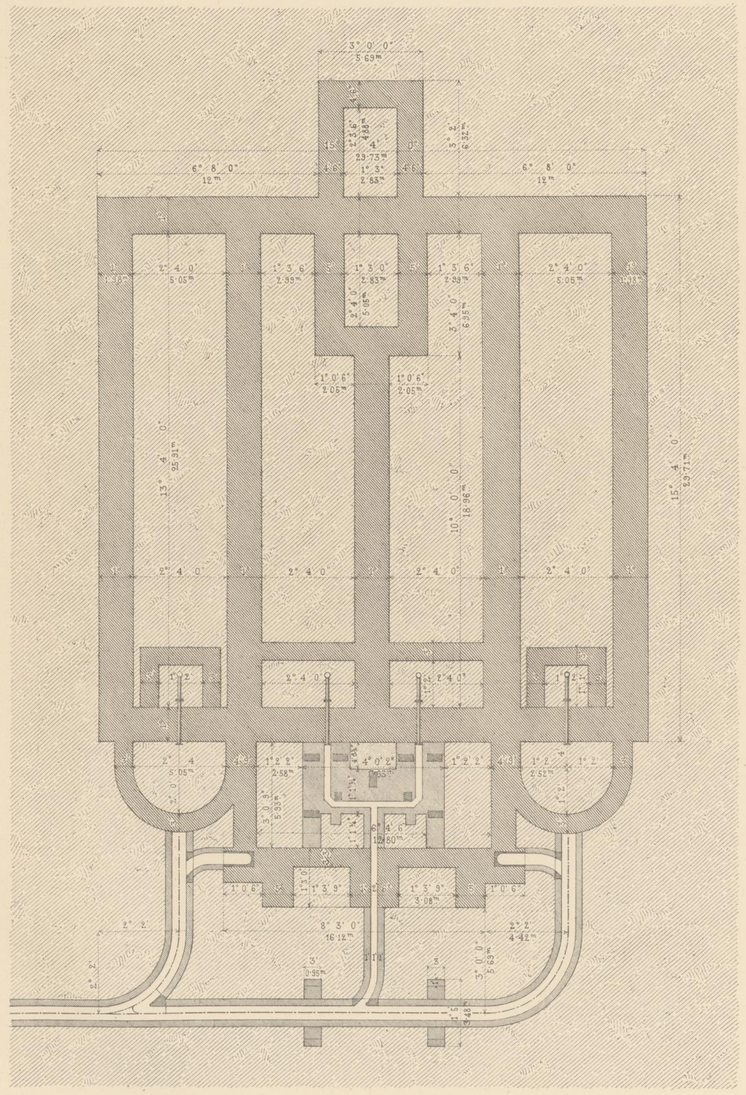
K. k. militär geografisches Institut.

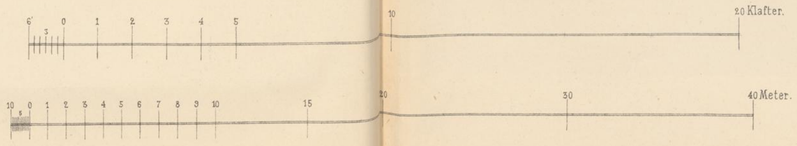
WASSERBEHÄLTER AM ROSENHÜGEL.

Ebener Erde.



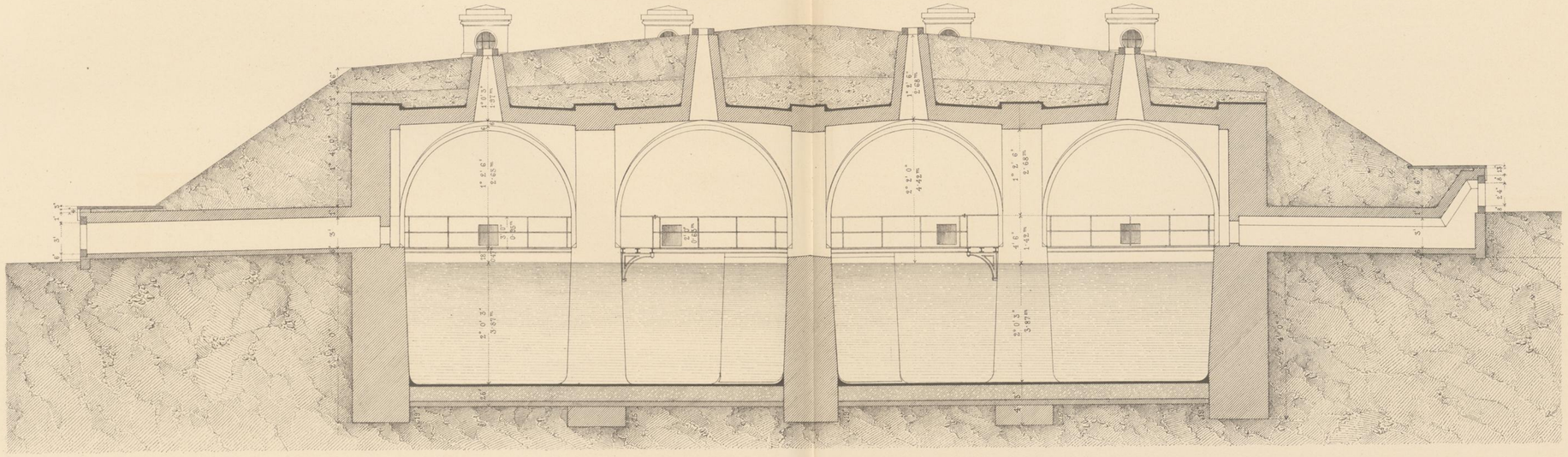
Fundamentplan.

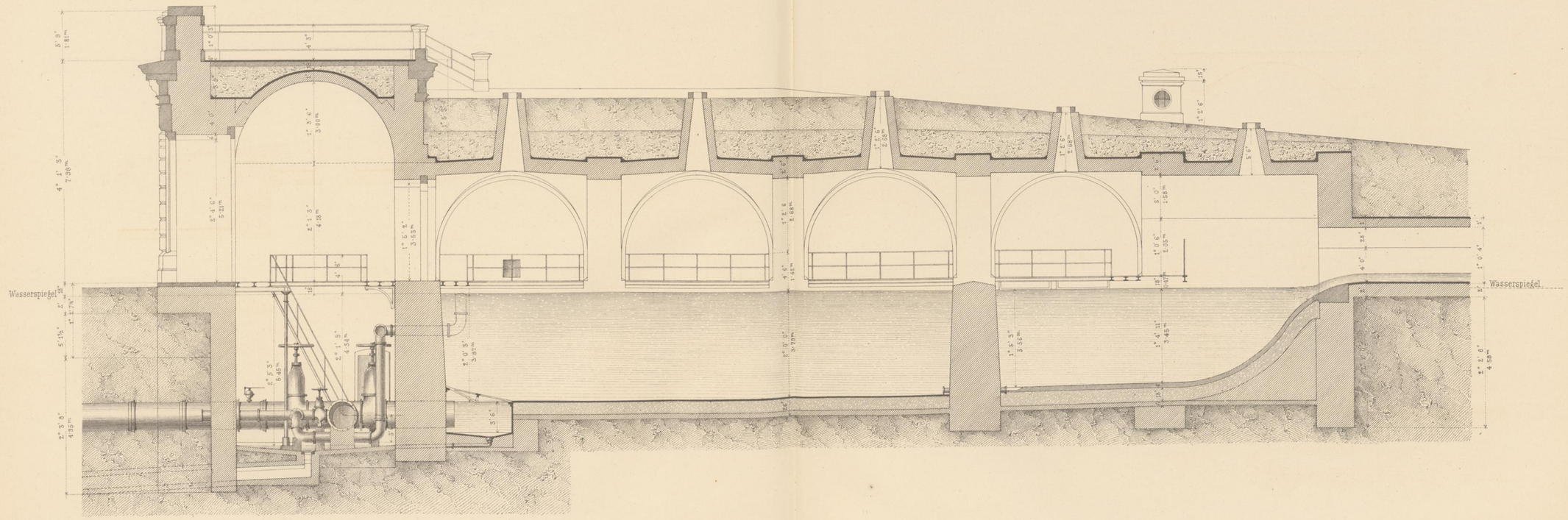




Techn. art. Anst. Ch. Hüller Wien.

WASSERBEHÄLTER AM ROSENHÜGEL.





6 5 4 3 2 1 0 1 2 3 4 5 6 7 Klafter.

10 9 8 7 6 5 4 3 2 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 Meter.

Techn. art. Anst. v. Ge. Höller. Wien.

WASSERBEHÆLTER AM ROSENHÜGEL.

Façade.



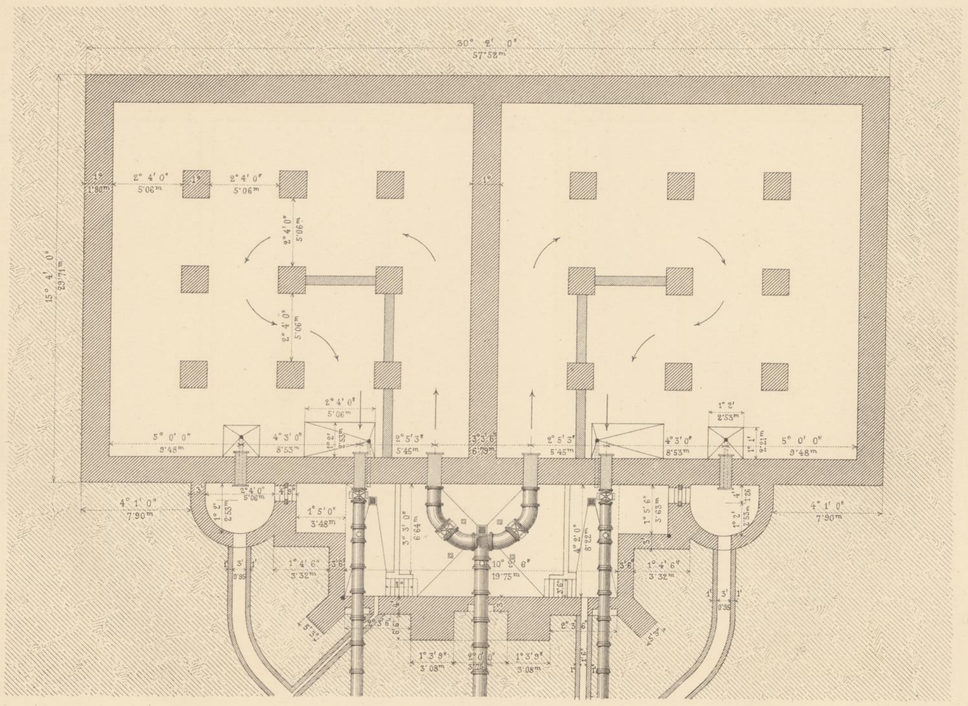
Photolithographie v. Chr. Höller, Wien.

Wiener Hochquellen-Wasserleitung.
II. Abtheilung.

TAFEL V.

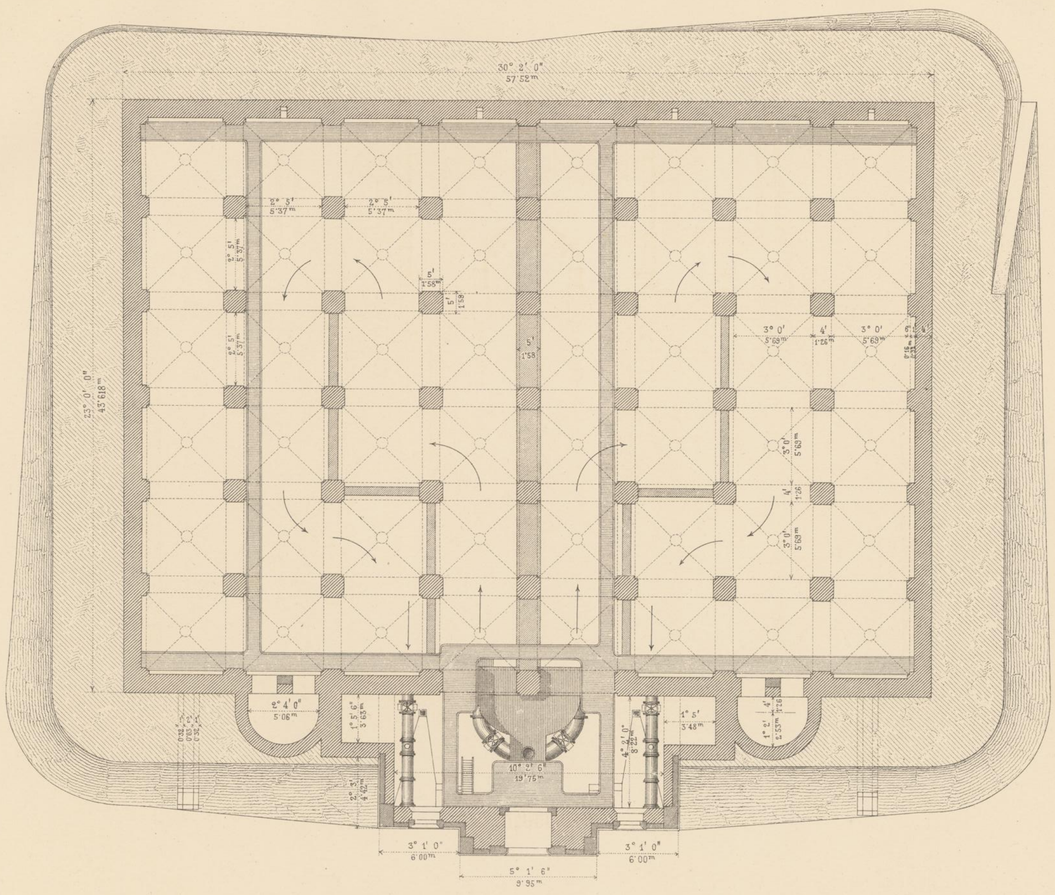
WASSERBEHÄLTER AM WIENERBERG.

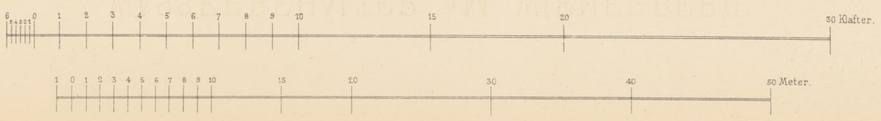
Souterrain.



WASSERBEHÄLTER AUF DER SCHMELZ.

Eben der Erde.

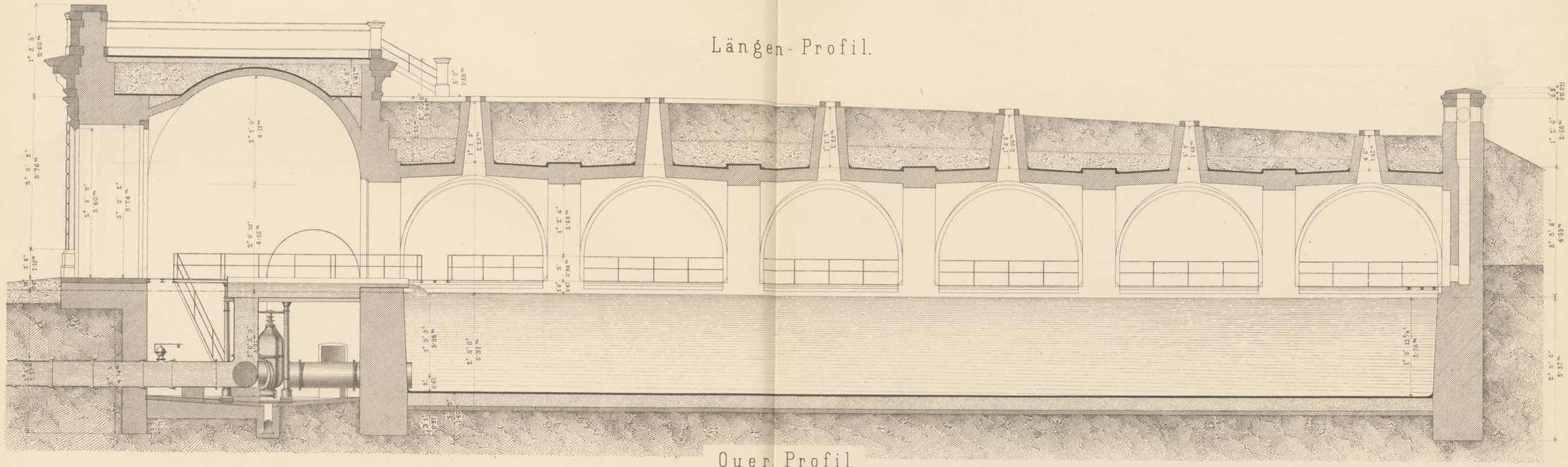




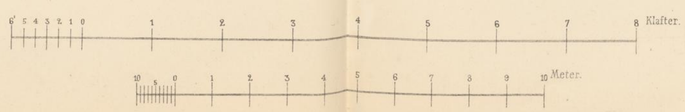
Techn. art. Anst. v. Chr. Heller. Wien.

WASSERBEHÄLTER AUF DER SCHMELZ.

Längen-Profil.



Quer Profil.

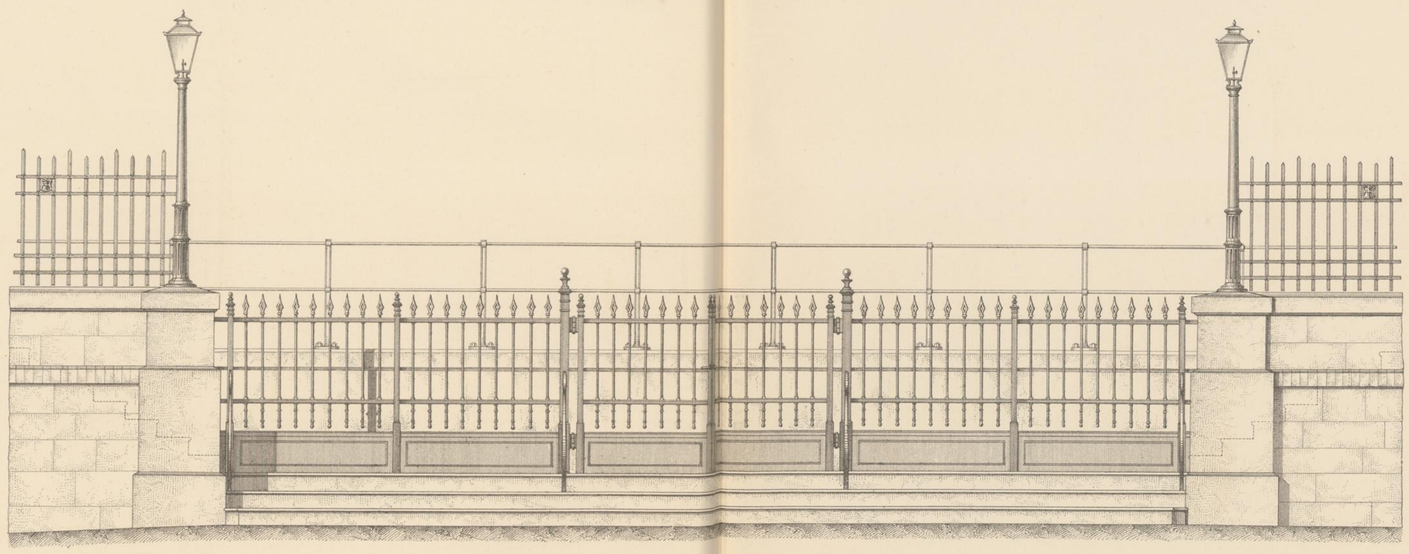


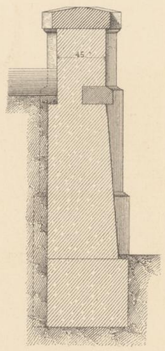
Tecm. art. Anst. v. Chr. Höller Wien

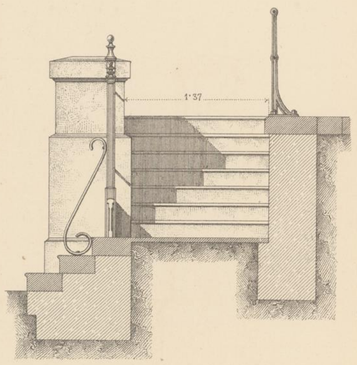
WASSERBEHÄLTER AUF DER SCHMELZ.

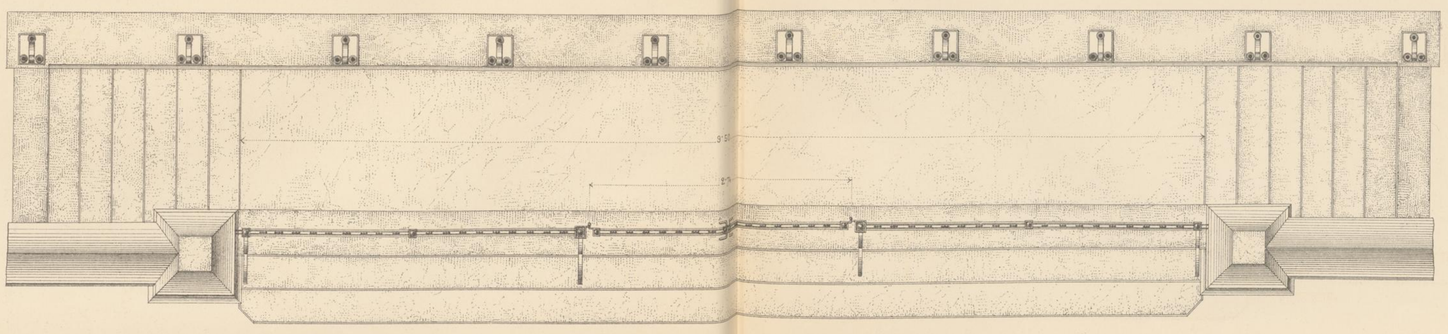
Façade.











Maſsstab für die Ansicht.

0 1 2 3 4 5 6 7 8 9 10 15 20m

Maſsstab für die Details.

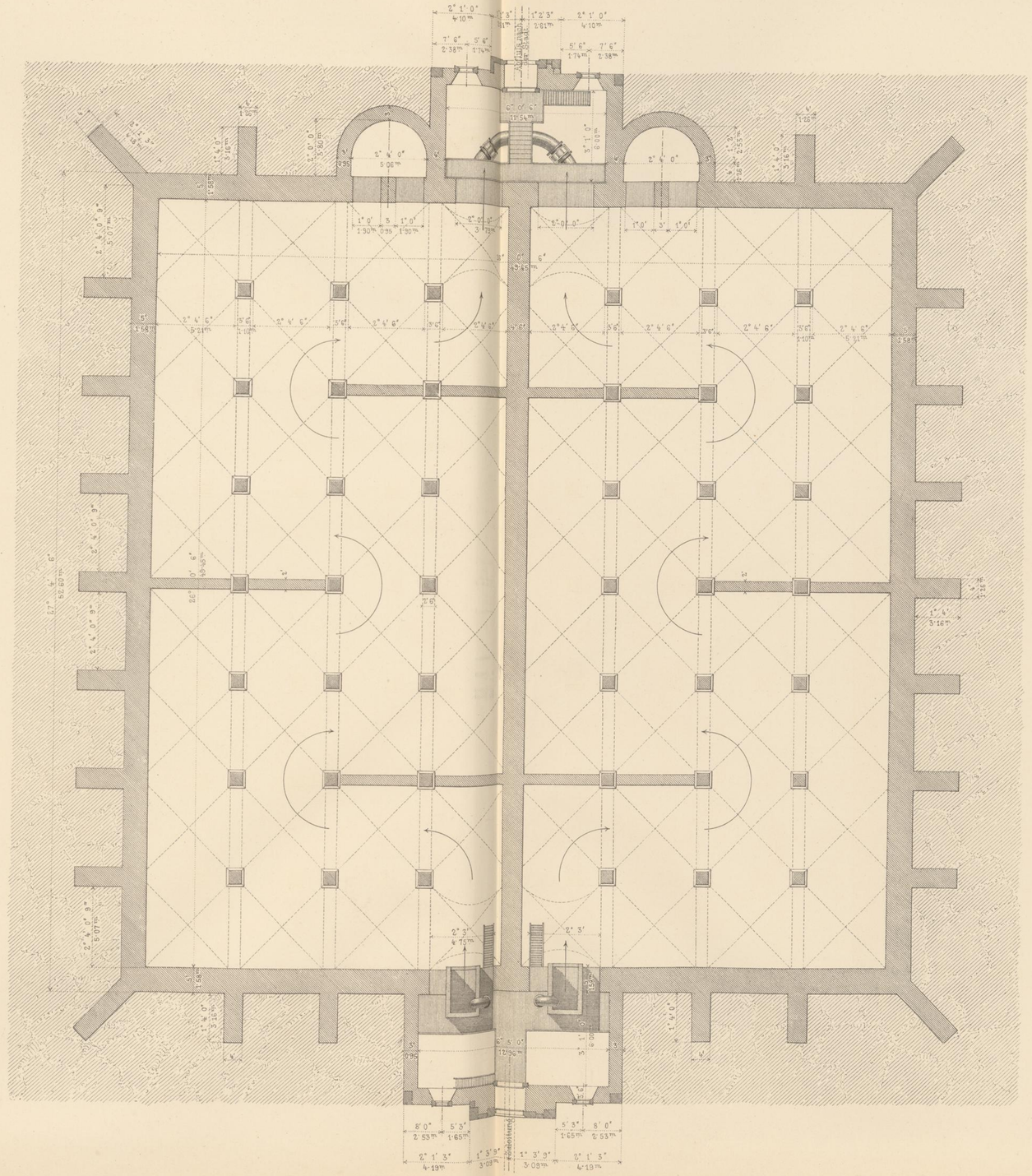
100 50 0 50 1 2m

Autogr. u. Druck v. Hölzel, Wien.

WASSERBEHÄLTER AM LAA'ER BERGE.

Fassungsraum 355000 Kub. Fuſs = 11210 Kub. Meter.

Eben der Erde.

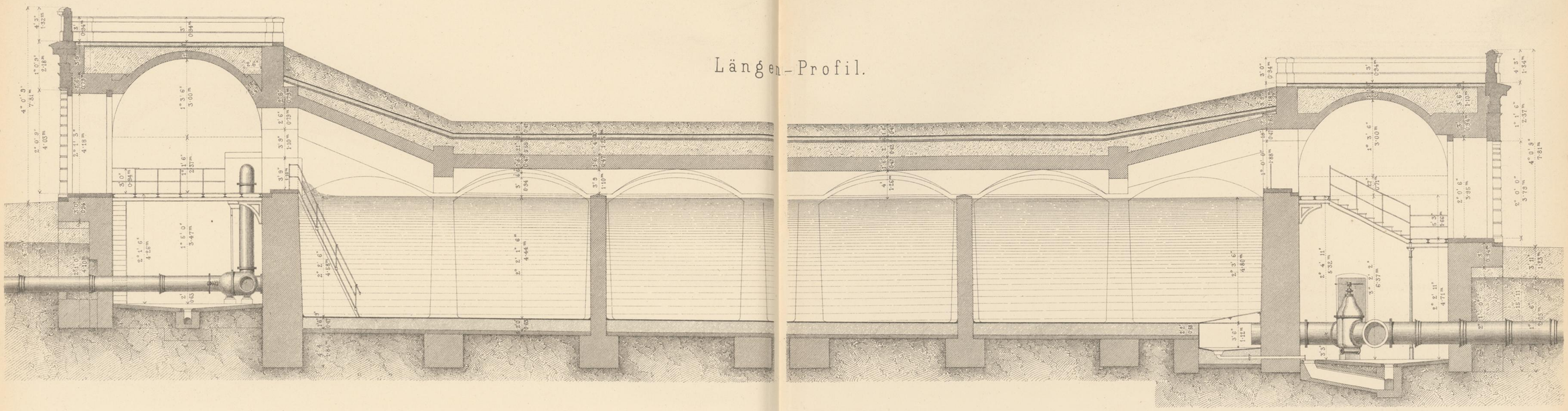


20 WF Klafter.

0 1 2 3 4 5 6 7 8 9 10 15 20 30 40 Meter.

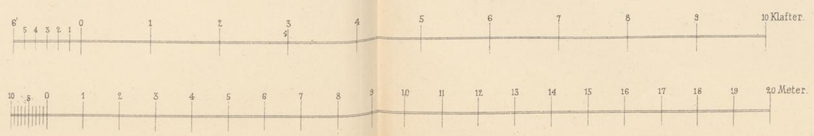
WASSERBEHÄLTER AM LAA'ER BERGE.

Längen-Profil.



Quer-Profil.

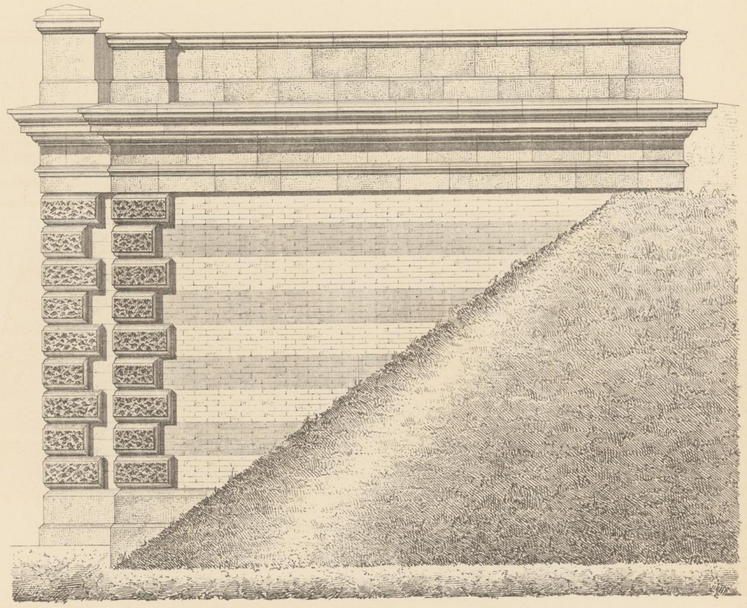


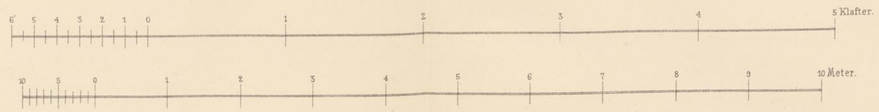


Techn. artist. Anst. v. Chr. Haller Wien.

WASSERBEHÄLTER AM LAA'ER BERGE.





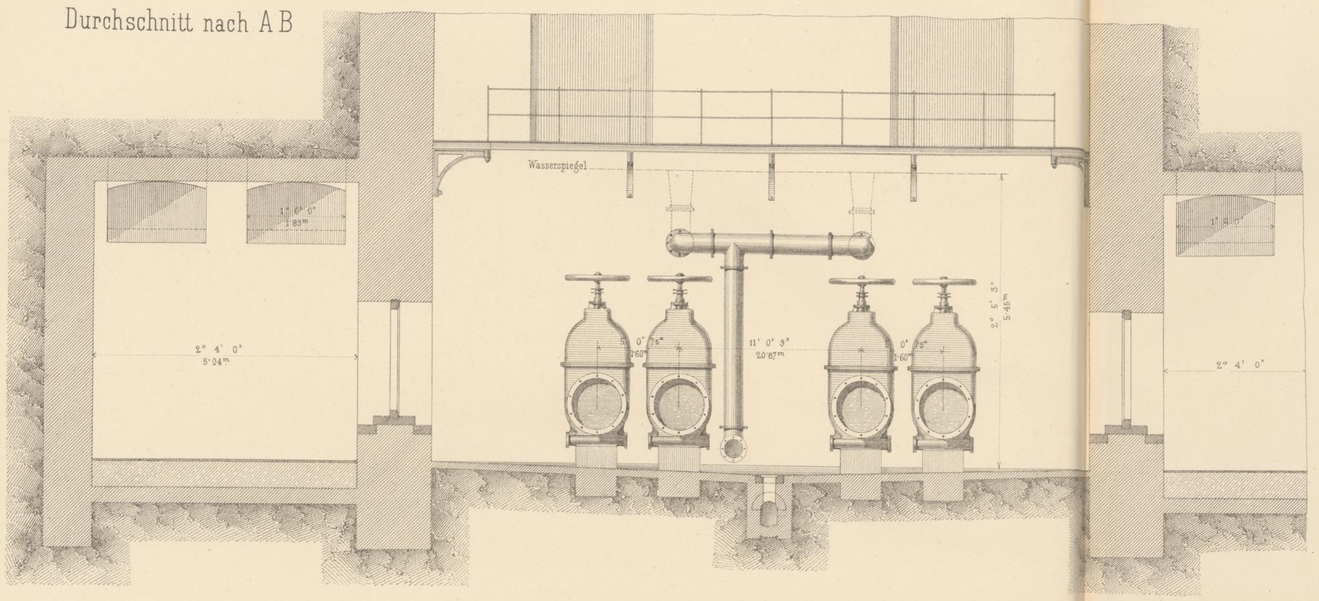


Techn. art. Anst. v. Chr. Holler. Wien.

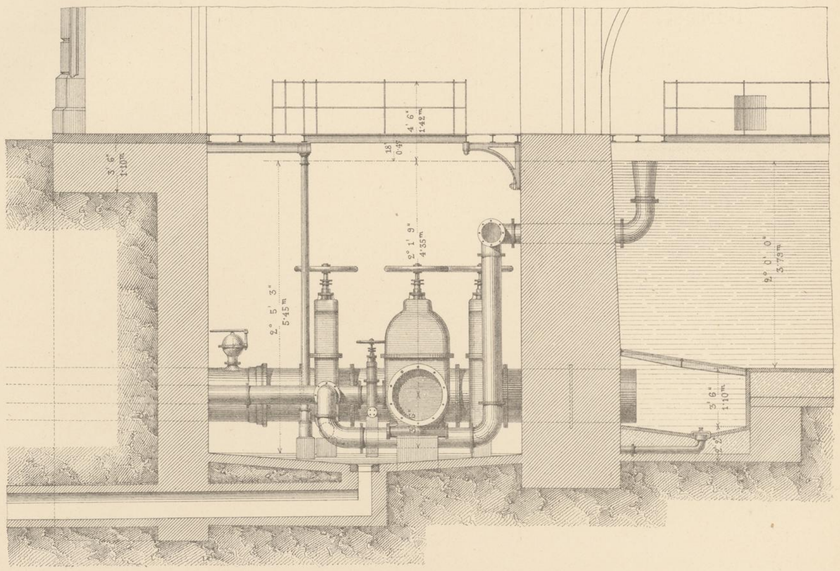
PLAN ÜBER DIE EINRICHTUNG DER RÖHRENKAMMER

im Reservoir am Rosenhügel.

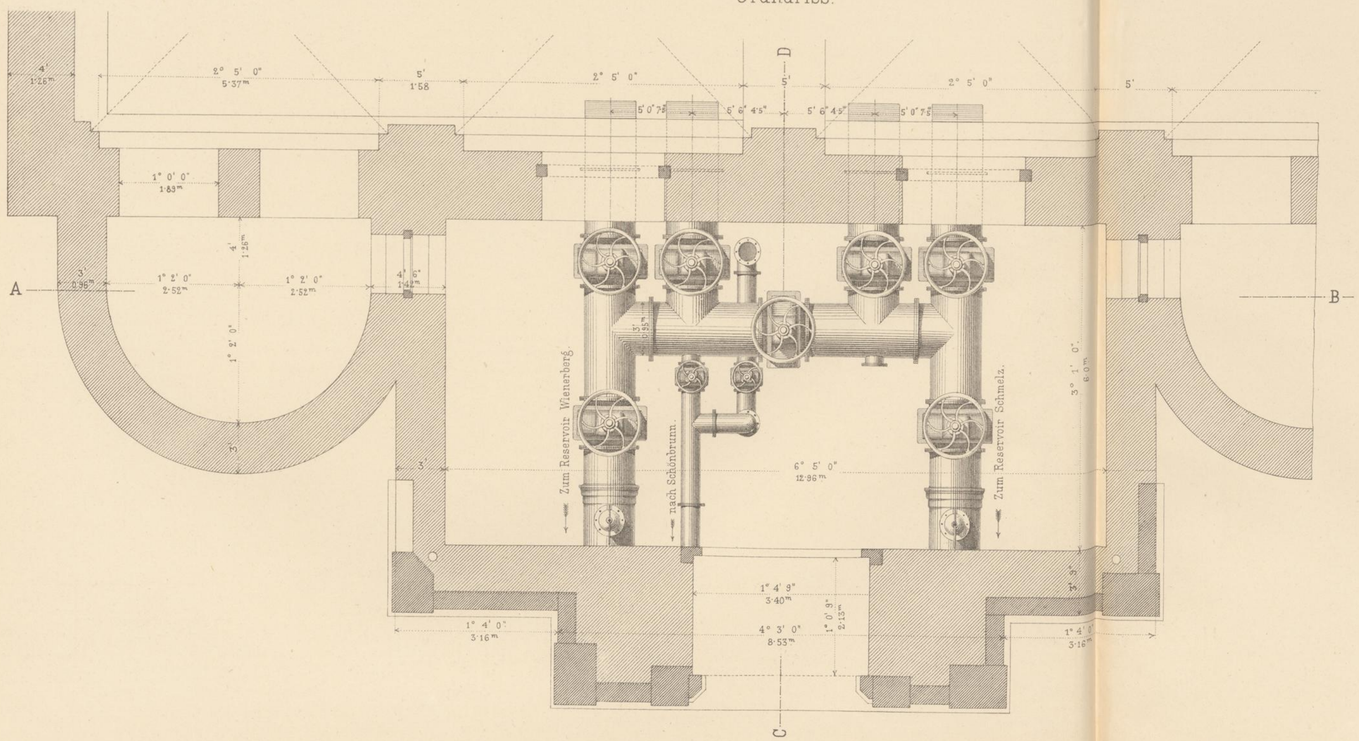
Durchschnitt nach A B



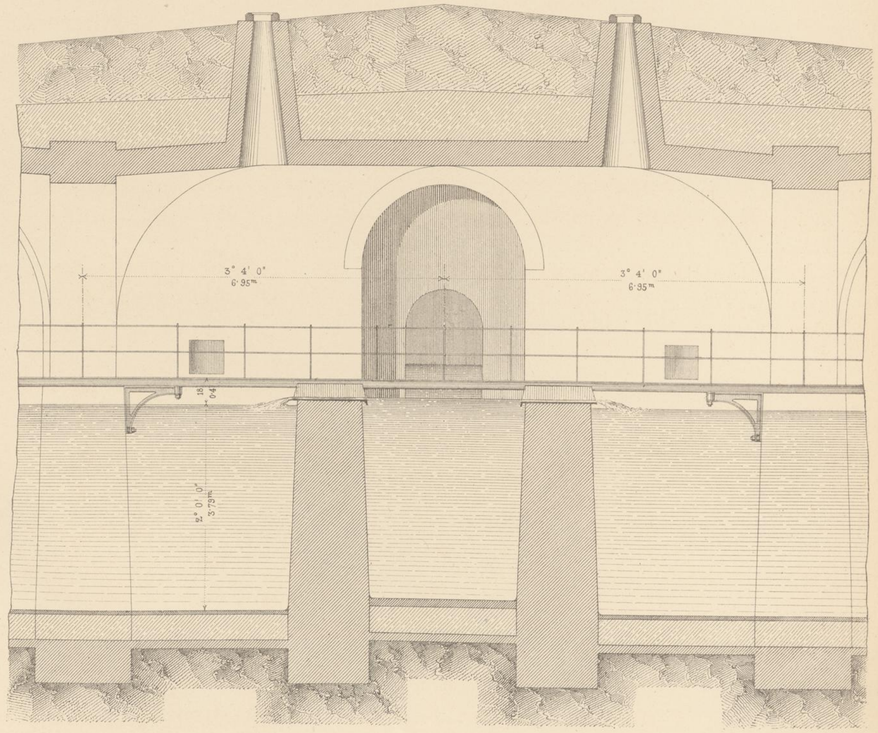
Durchschnitt nach C D.



Grundriss.



Schnitt nach a b.





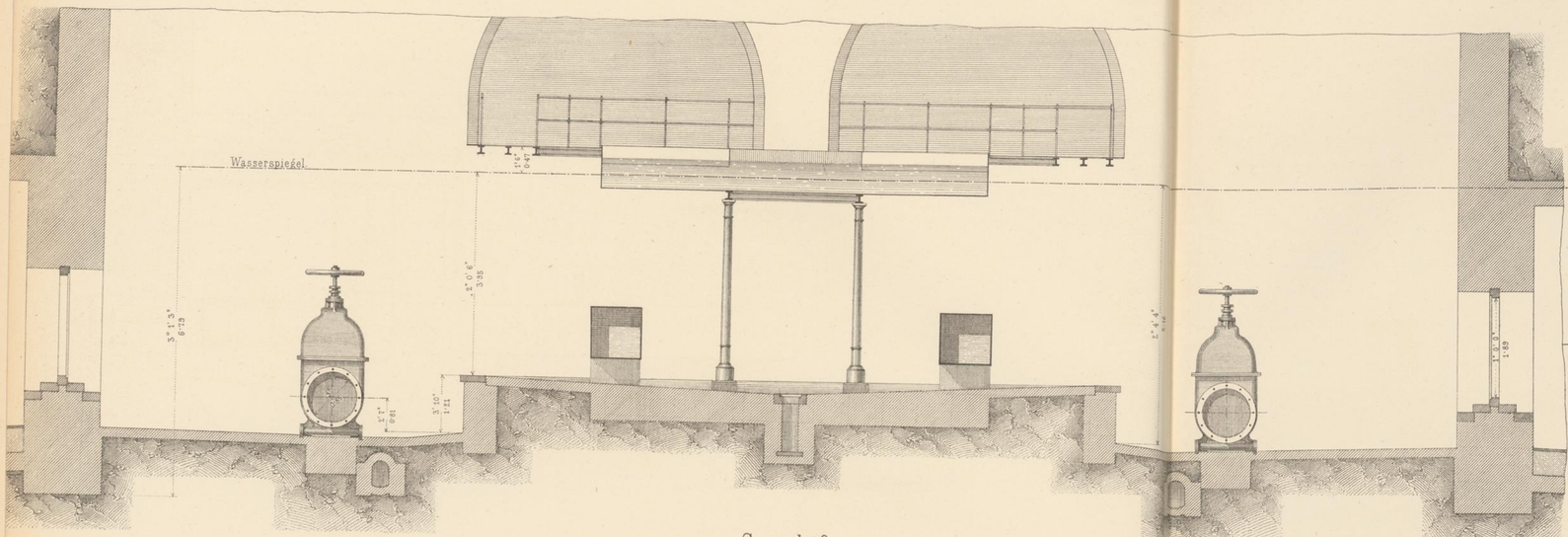
Wiener Hochquellen-Wasserleitung.
II. Abtheilung.

PLAN ÜBER DIE EINRICHTUG DER RÖHRENKAMMER

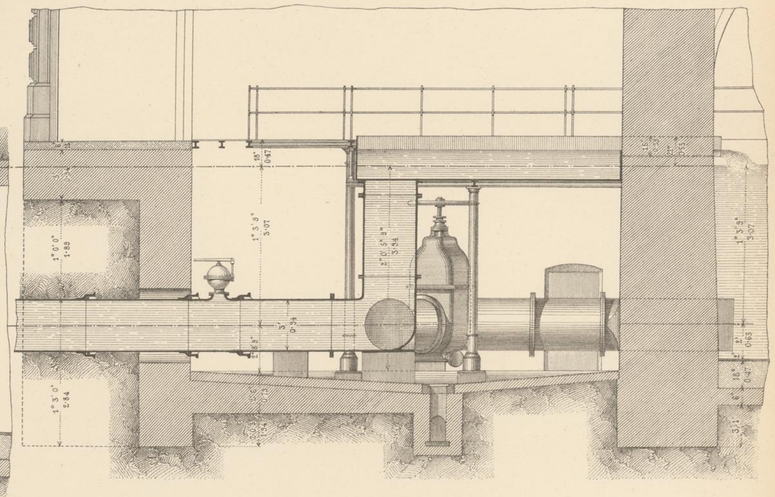
im Reservoir am Wienerberg und Schmelz.

TAFEL **XII.**

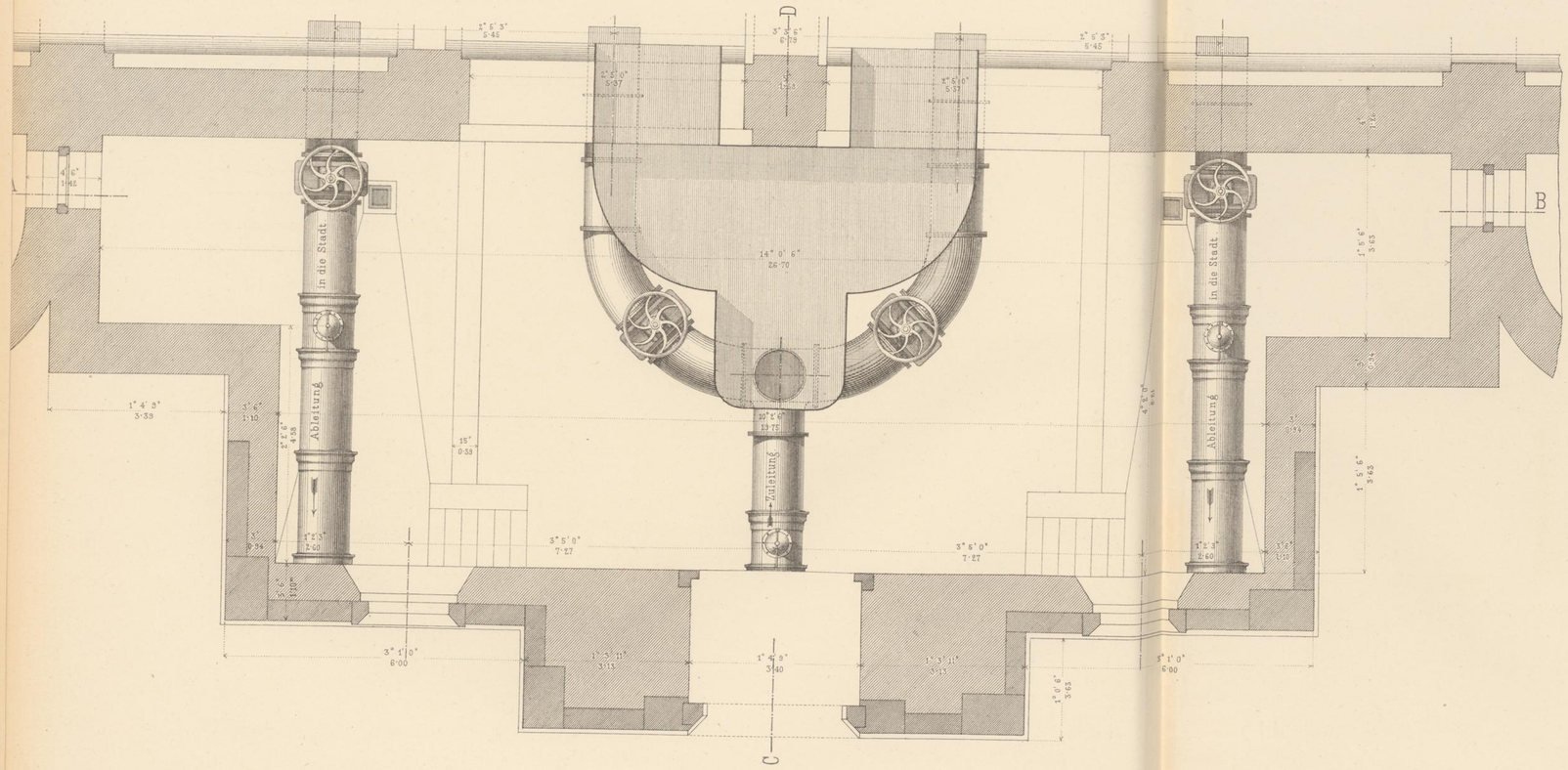
Durchschnitt nach A B.



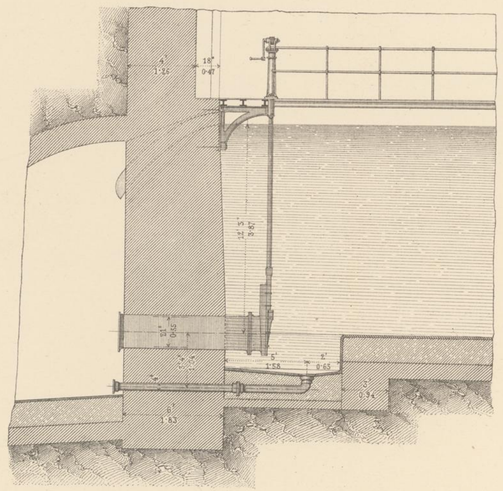
Durchschnitt nach C D.

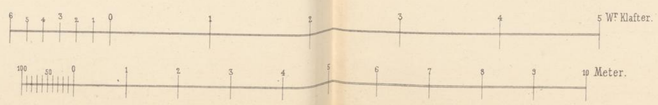


Grundriss.



Durchschnitt durch die Überfallkammer.



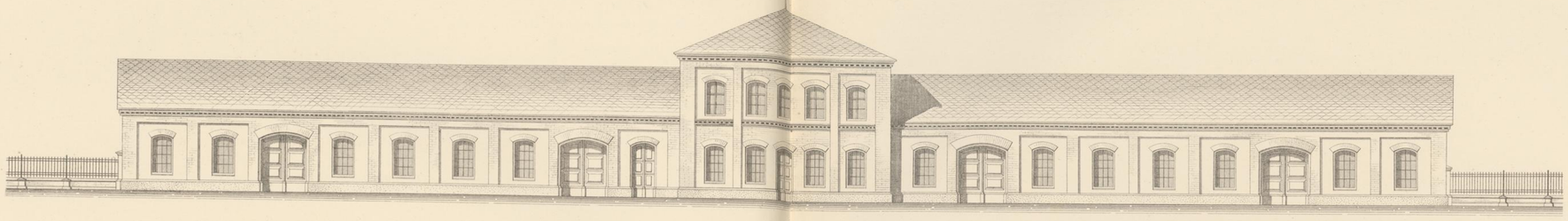


Techn. art Anst. v. Ch. Hüller. Wien.

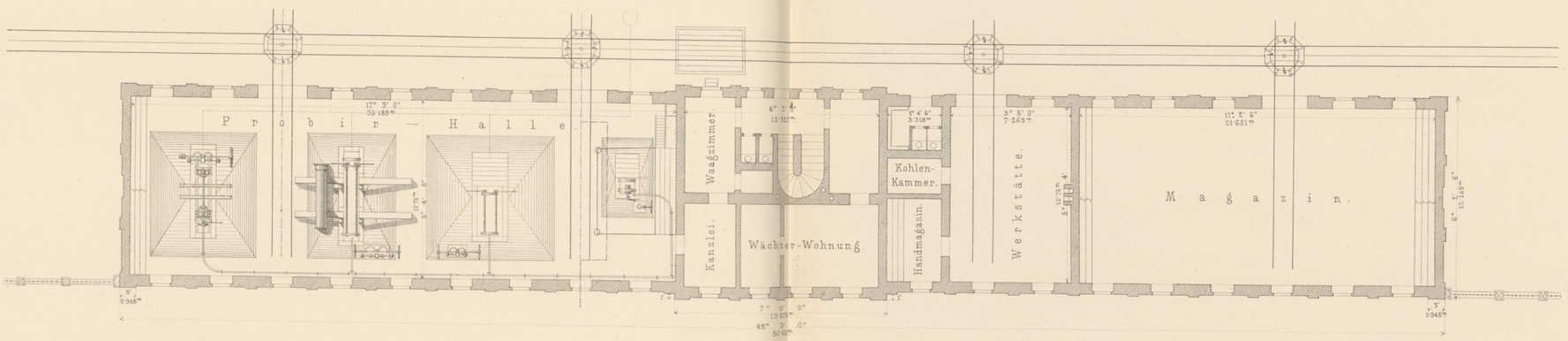
RÖHREN PROBIR-STATION

nächst dem Wasserbehälter am Laa'er Berg.

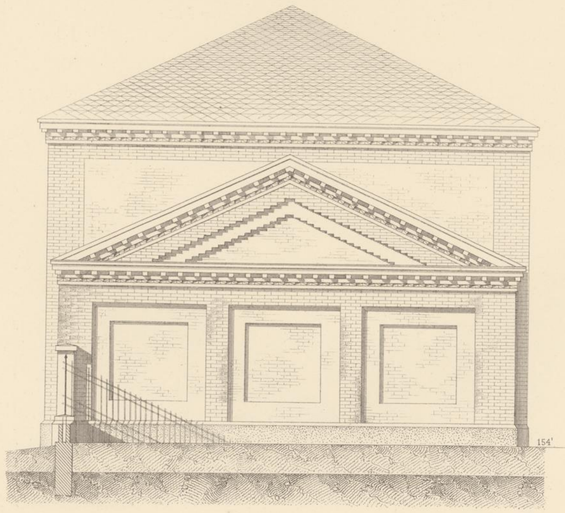
Façade.



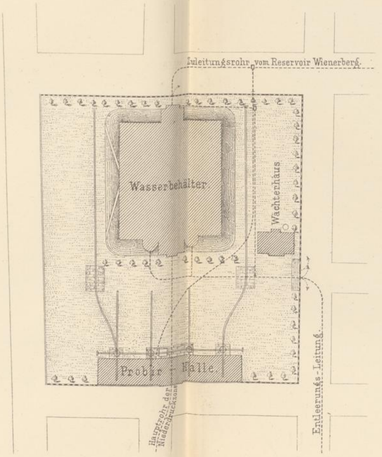
Grundriss.



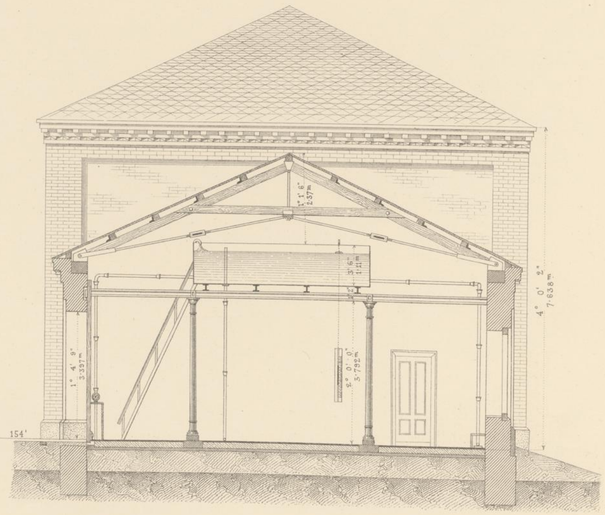
Seitenansicht.



Situation.



Querschnitt.

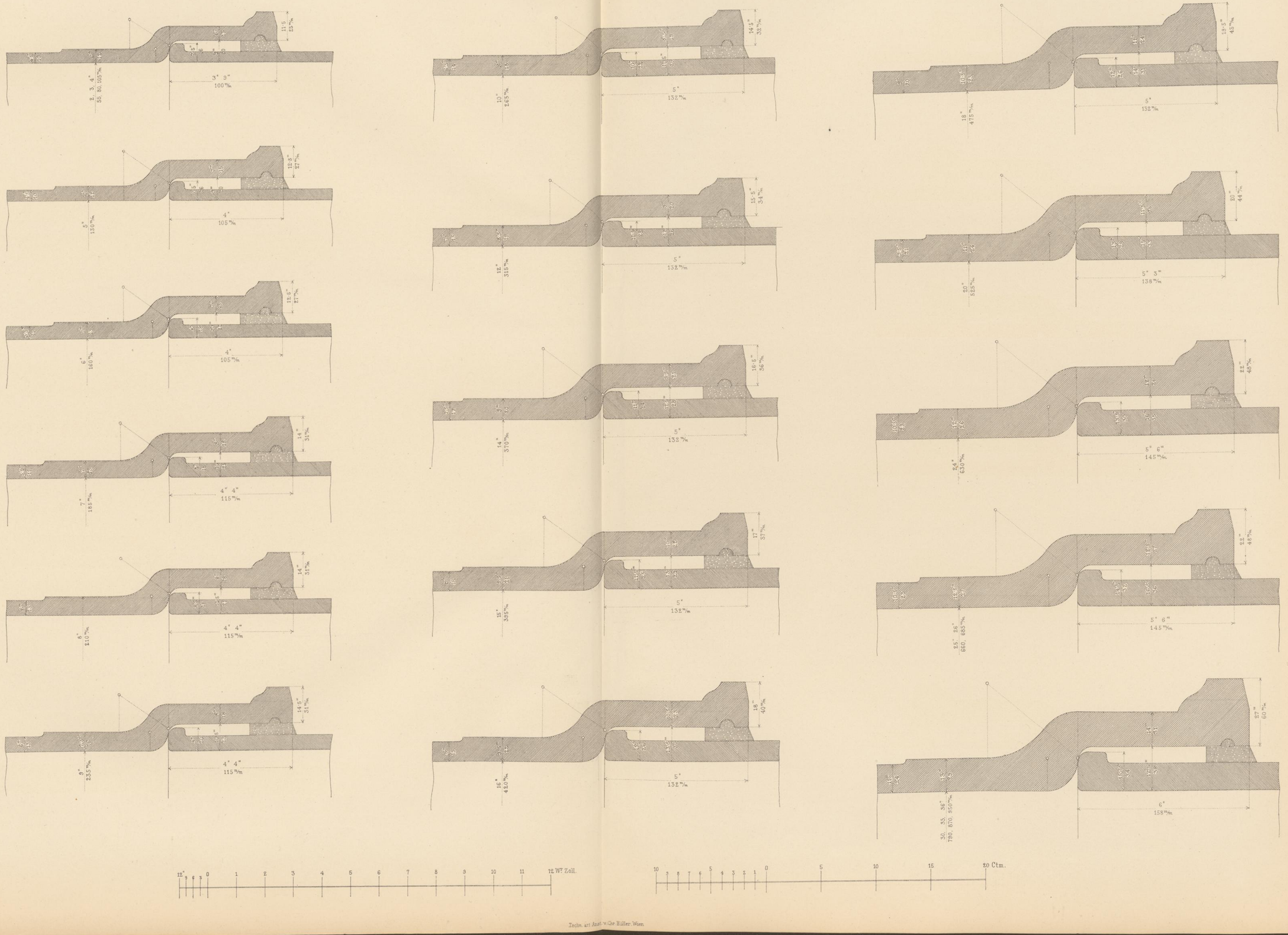


Für Façade und Grundriss 6' 3 0 1 2 3 4 5 6 7 8 9 10 11 W^r Klafter.
Für Seitenansicht u. Querschnitt 6' 3 0 1 2 3 4 5 " "
10 5 0 1 2 3 4 5 6 7 8 9 10 Meter. Für Seitenansicht u. Querschnitt.
Dm.20 10 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 " Für Façade und Grundriss.

Techn. art. Anst. v. Fr. Eder, Wien.

TYPEN DER GERADEN MUFFENROHRE.

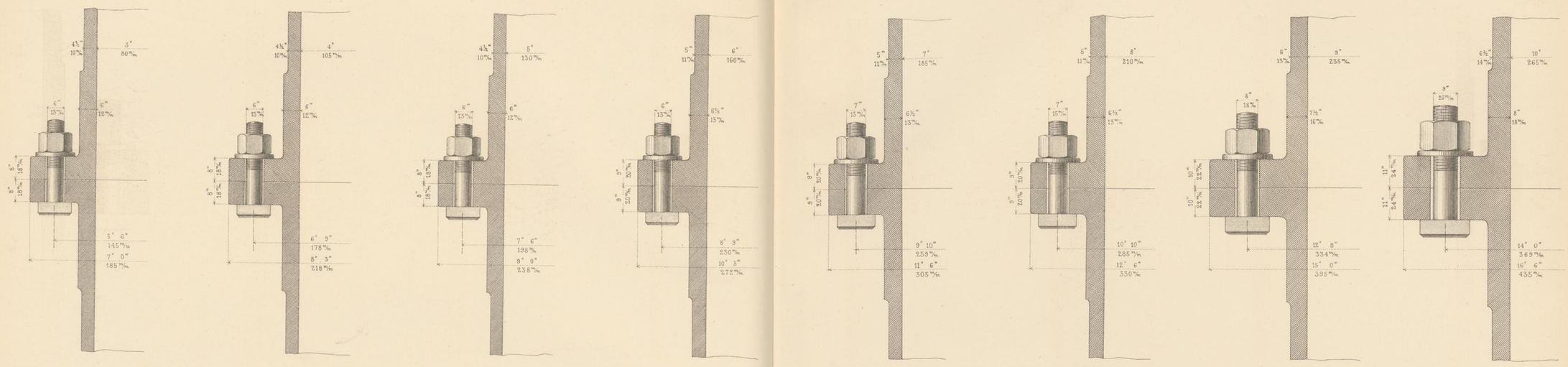
von 3 bis 36 Zoll = 80 bis 950 mm. Durchmesser.



Techn. art. Anst. v. Ch. Hiller, Wien.

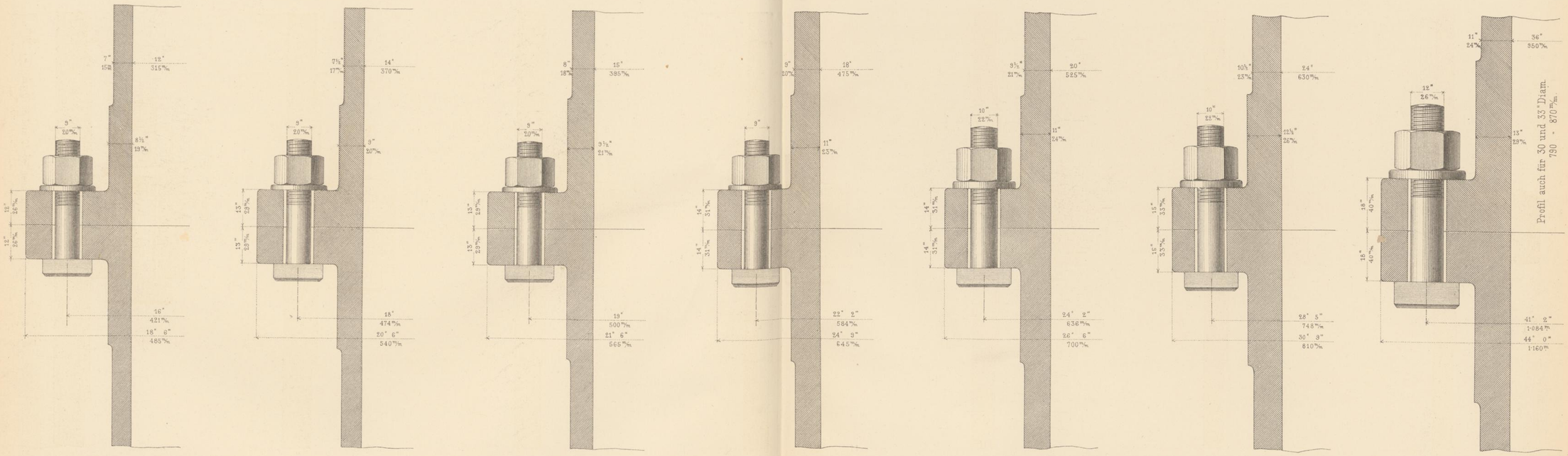
TYPEN DER FLANTSCHENVERBINDUNGEN

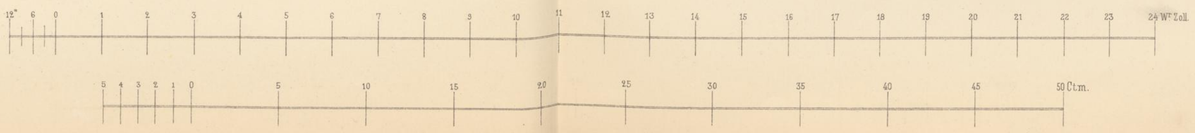
von 3 bis 36 Zoll = 80 bis 950 mm Durchmesser.



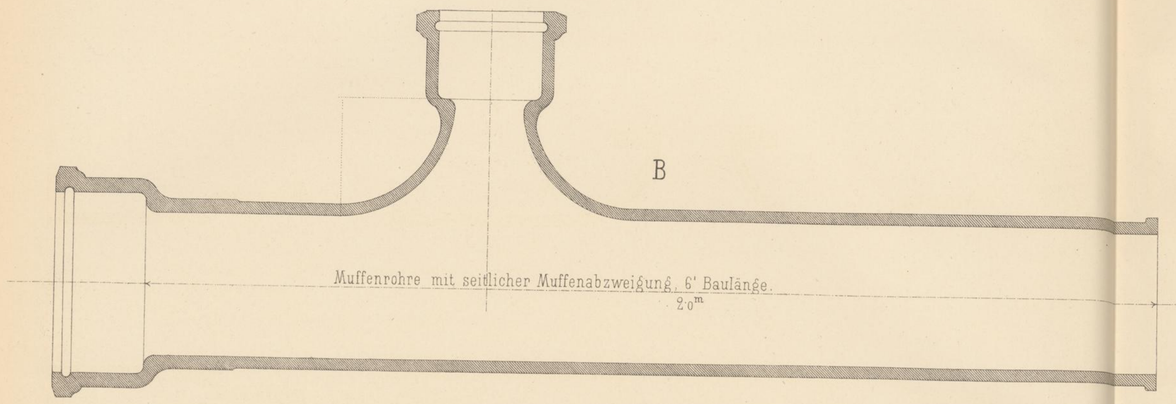
Anzahl der Schraubenbolzen für:

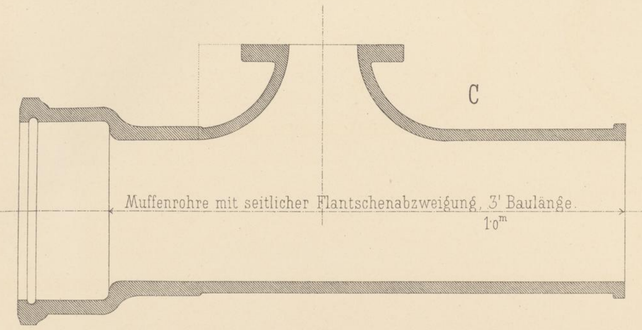
3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	15"	18"	20"	24"	30"	33"	36"	Zoll.
80	105	130	160	185	210	235	265	315	370	395	475	525	630	790	870	950	Millimeter.
4	4	4	6	6	6	8	8	10	10	10	10	12	16	20			Stück.

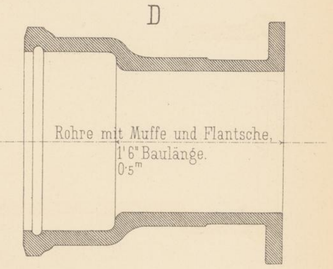


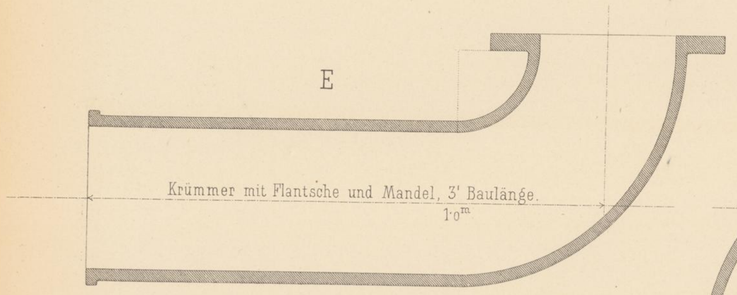


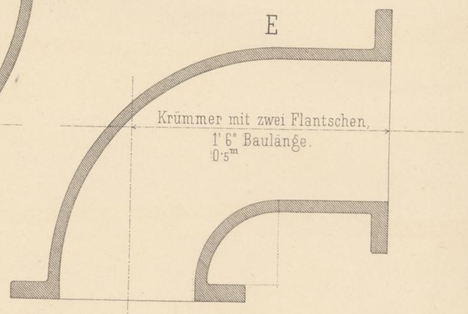
TYPEN DER FAÇONSTÜCKE DES GESAMMTEN RÖHRENNETZES.

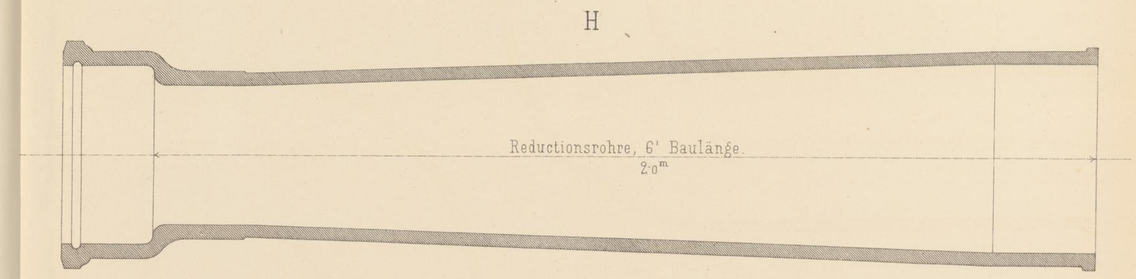


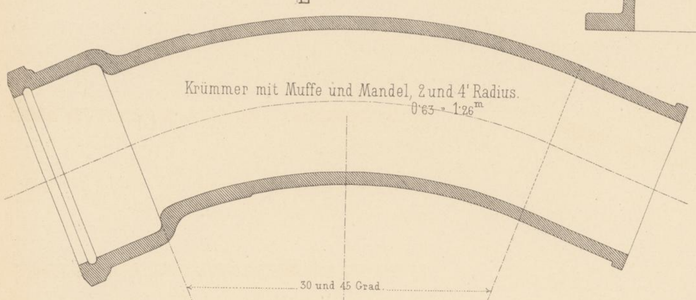


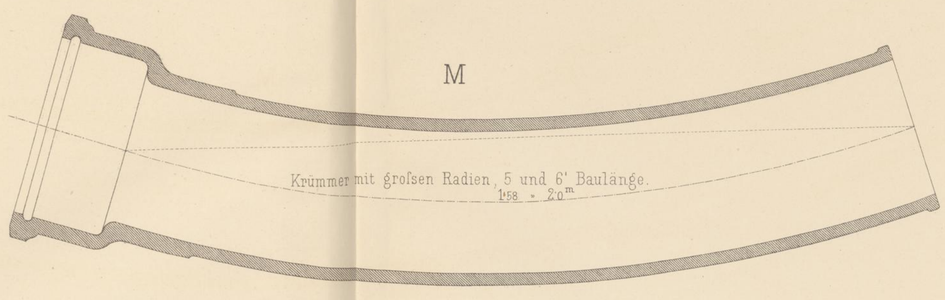


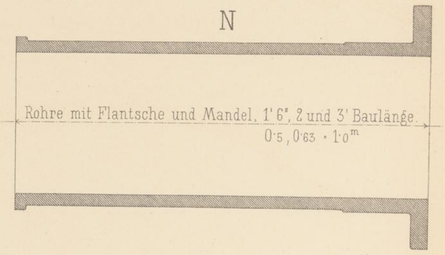


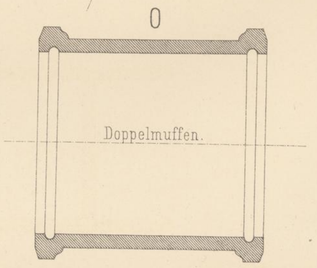


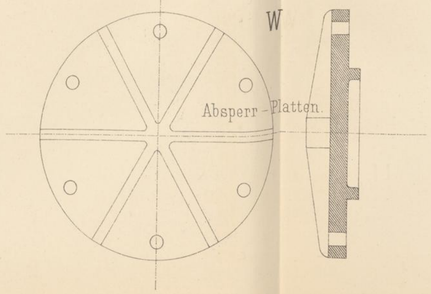


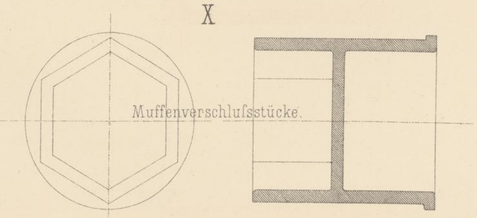






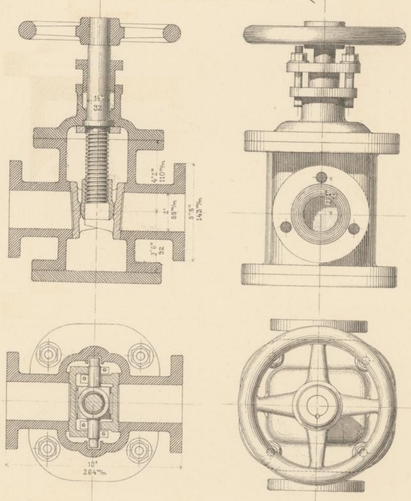




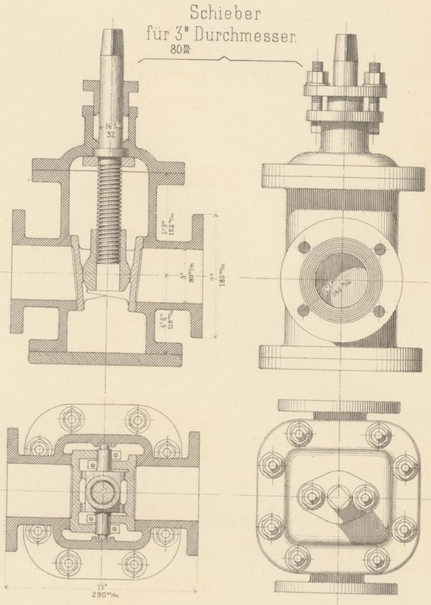


ABSPERRSCHIEBER.

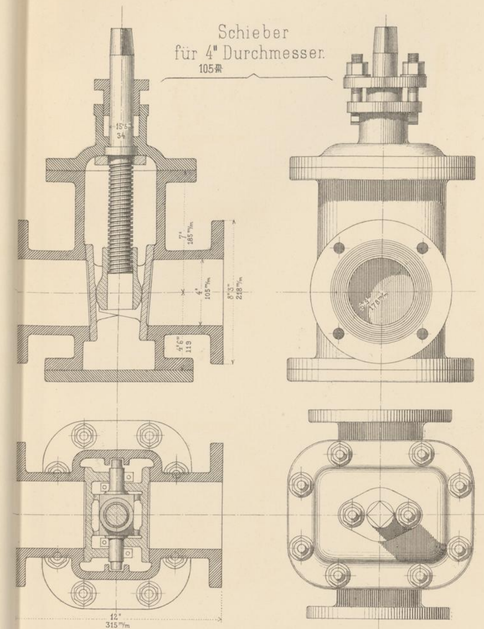
Schieber
für 2" Durchmesser.
55㎜



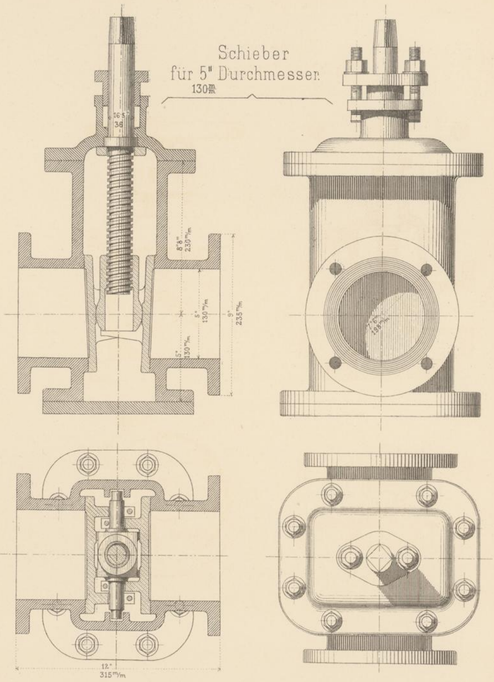
Schieber
für 3" Durchmesser.
80㎜



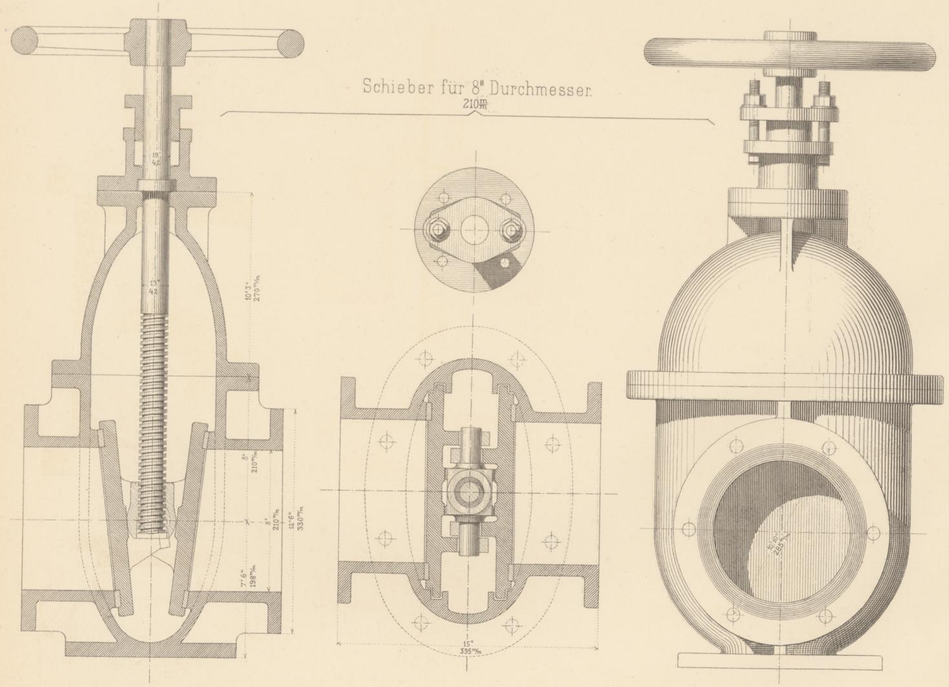
Schieber
für 4" Durchmesser.
105㎜



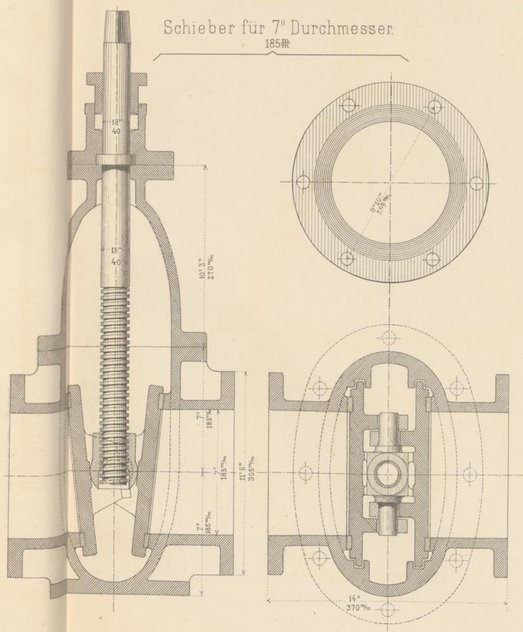
Schieber
für 5" Durchmesser.
130㎜



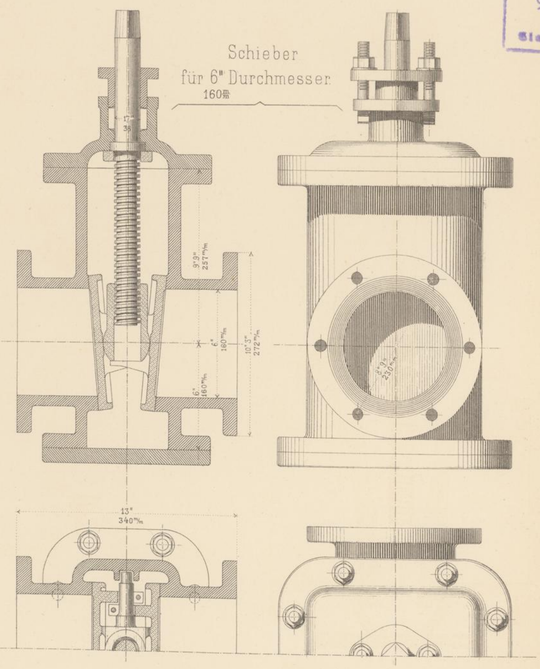
Schieber für 8" Durchmesser.
210㎜

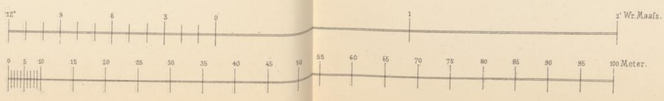


Schieber für 7" Durchmesser.
185㎜



Schieber
für 6" Durchmesser.
160㎜



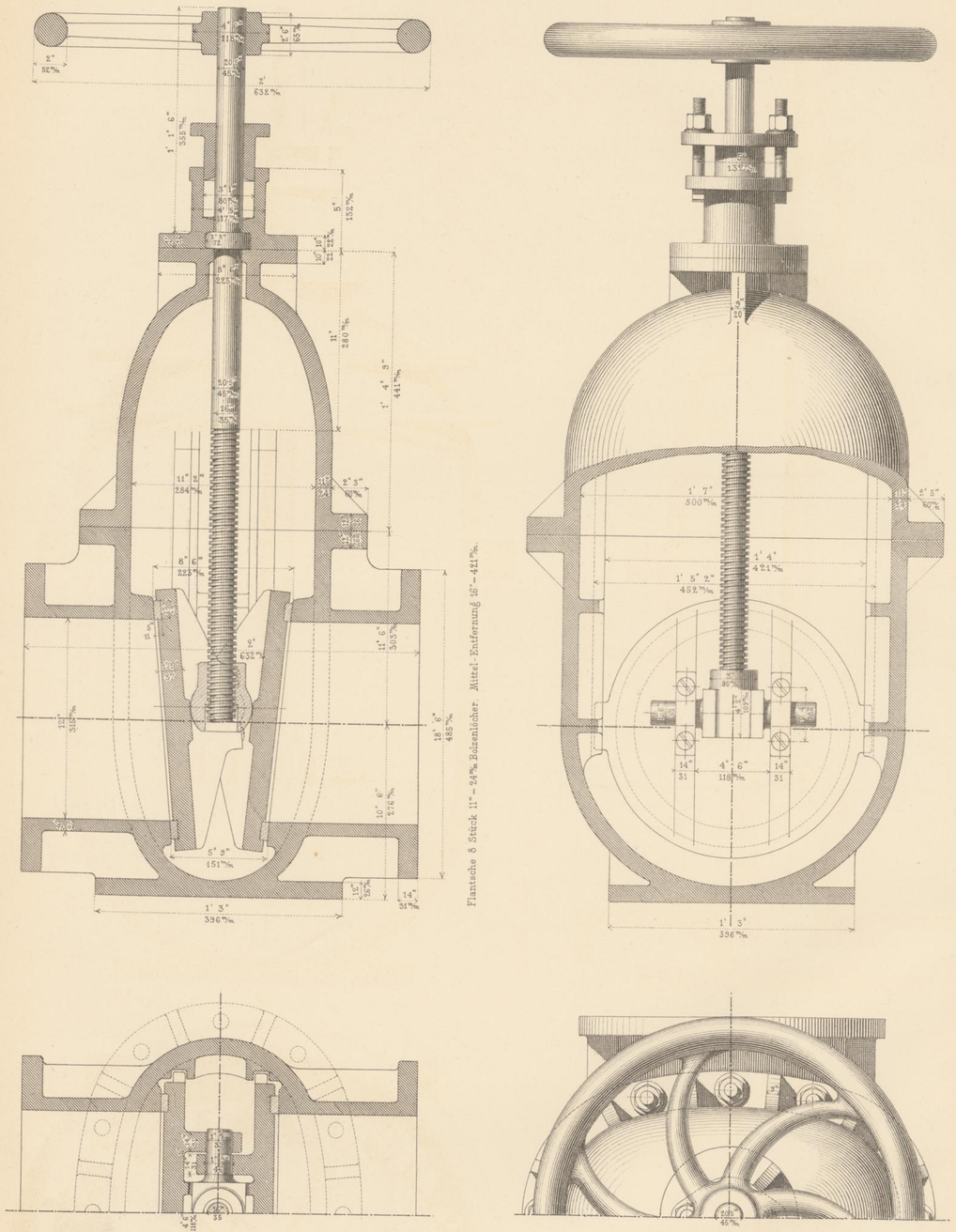


Bücherei
des Wiener
Stadt-Bauamtes

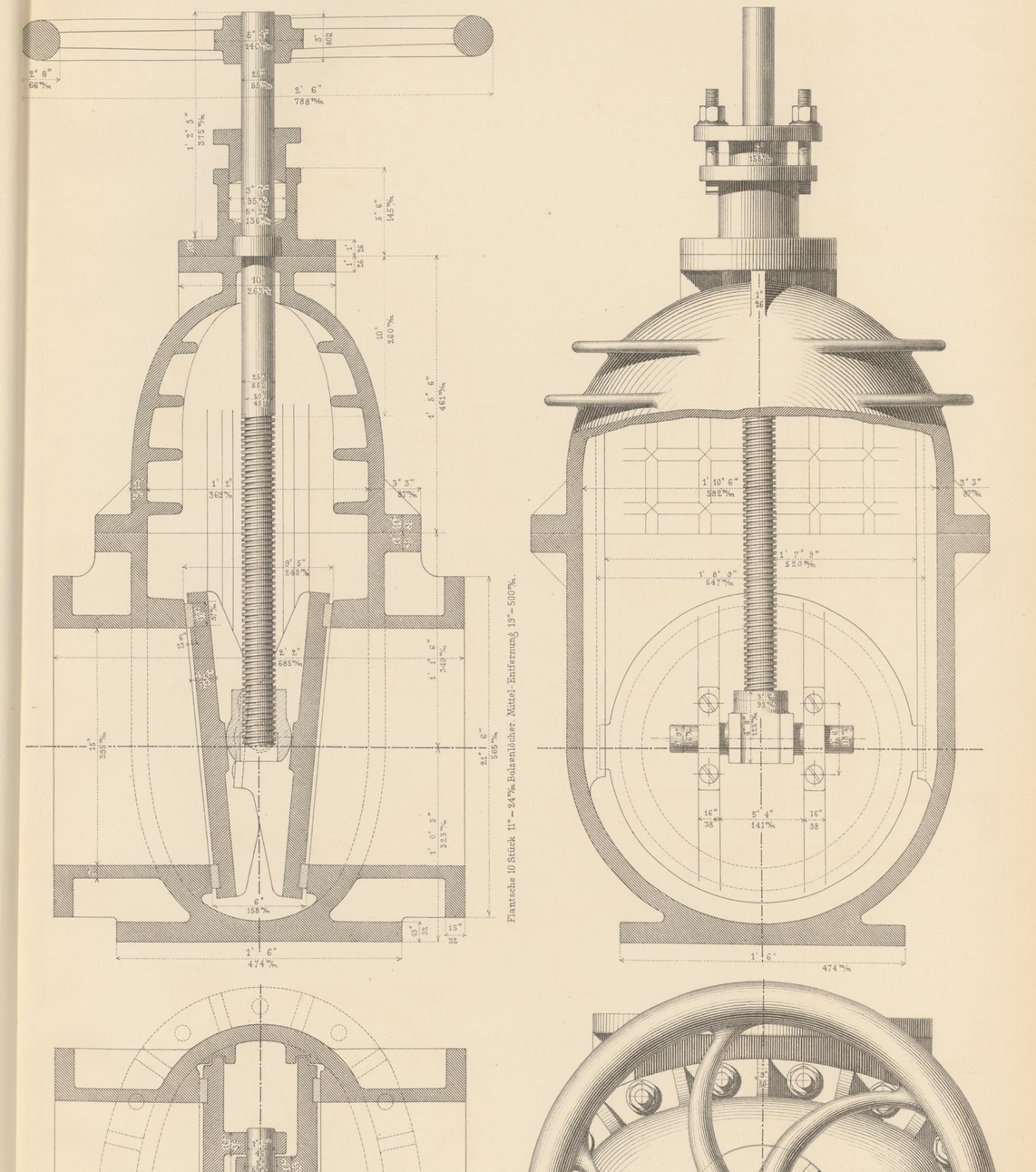
Tech. art. Anst. v. Ch. Höller, Wien.

ABSPERRSCHIEBER.

Schieber für 12" = 395mm Durchmesser.



Schieber für 15" = 395mm Durchmesser.



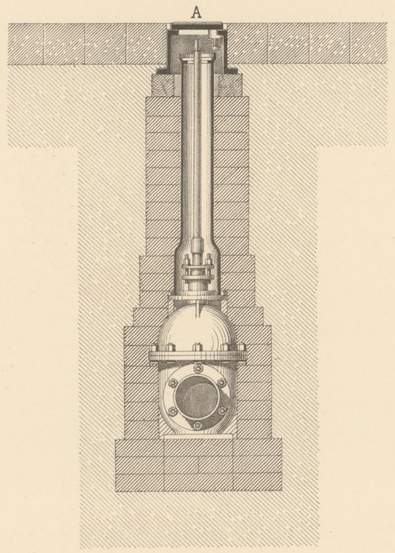
12" 9 6 3 0 1 z. W. Fufs.

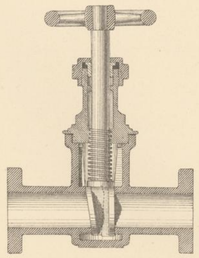
0 5 10 15 20 25 30 35 40 45 50 60 70 80 90 100 Centimeter.

Techn. art. Anst. v. C. Haller, Wien.

EINBAU DER ABSPERRSCHIEBER.

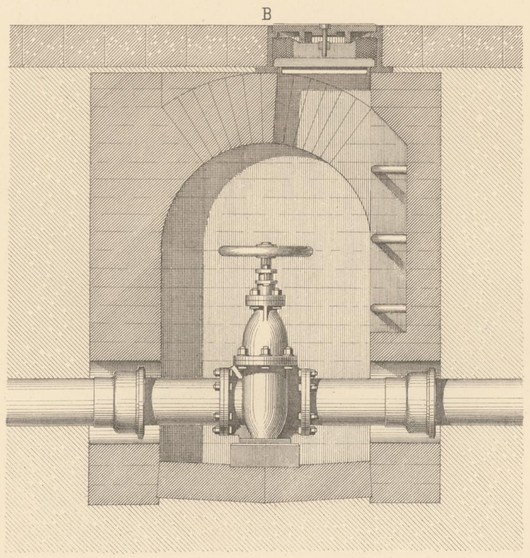
Mit Schutzrohr.





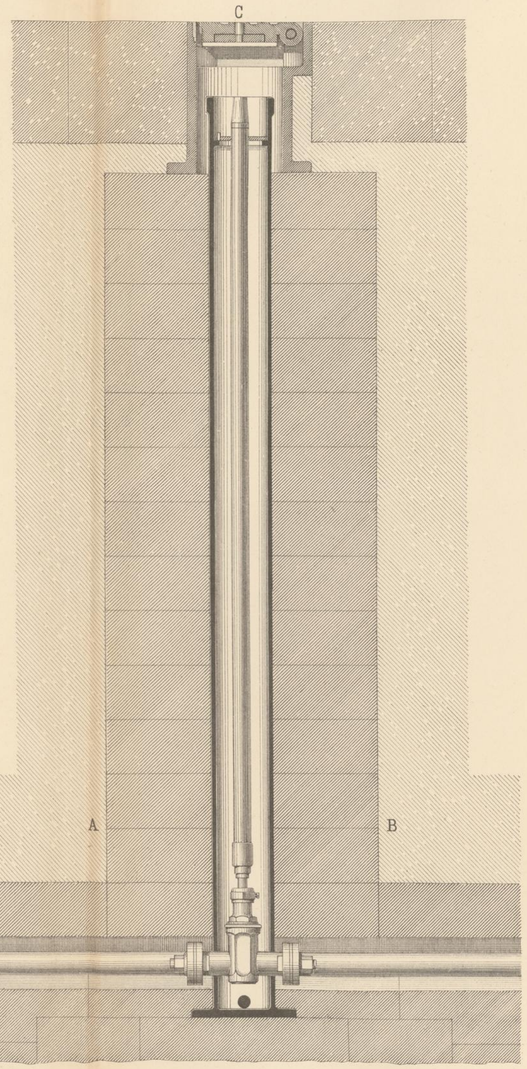
Schnitt und Ansicht
des Absperrschiebers.

Jm Einsteigschachte.

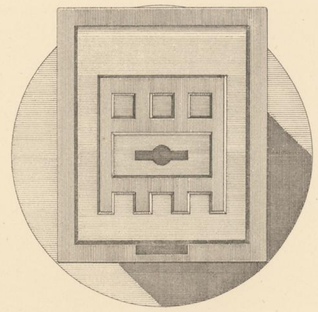


ABSPERRVORRICHTUNG FÜR DIE ABZWEIGUNGEN

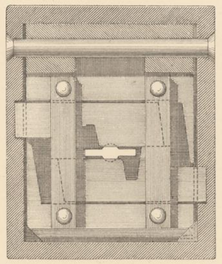
in die Wohnhäuser.



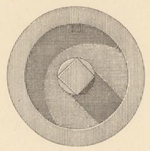
Ansicht des Straſsenkastens.



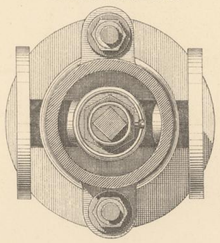
Ansicht des Schlosses.



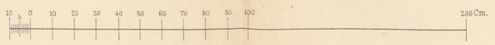
Ansicht des Schutzrohres.



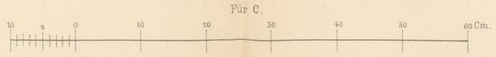
Schnitt nach AB.



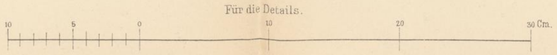
Für AB.



Für C.



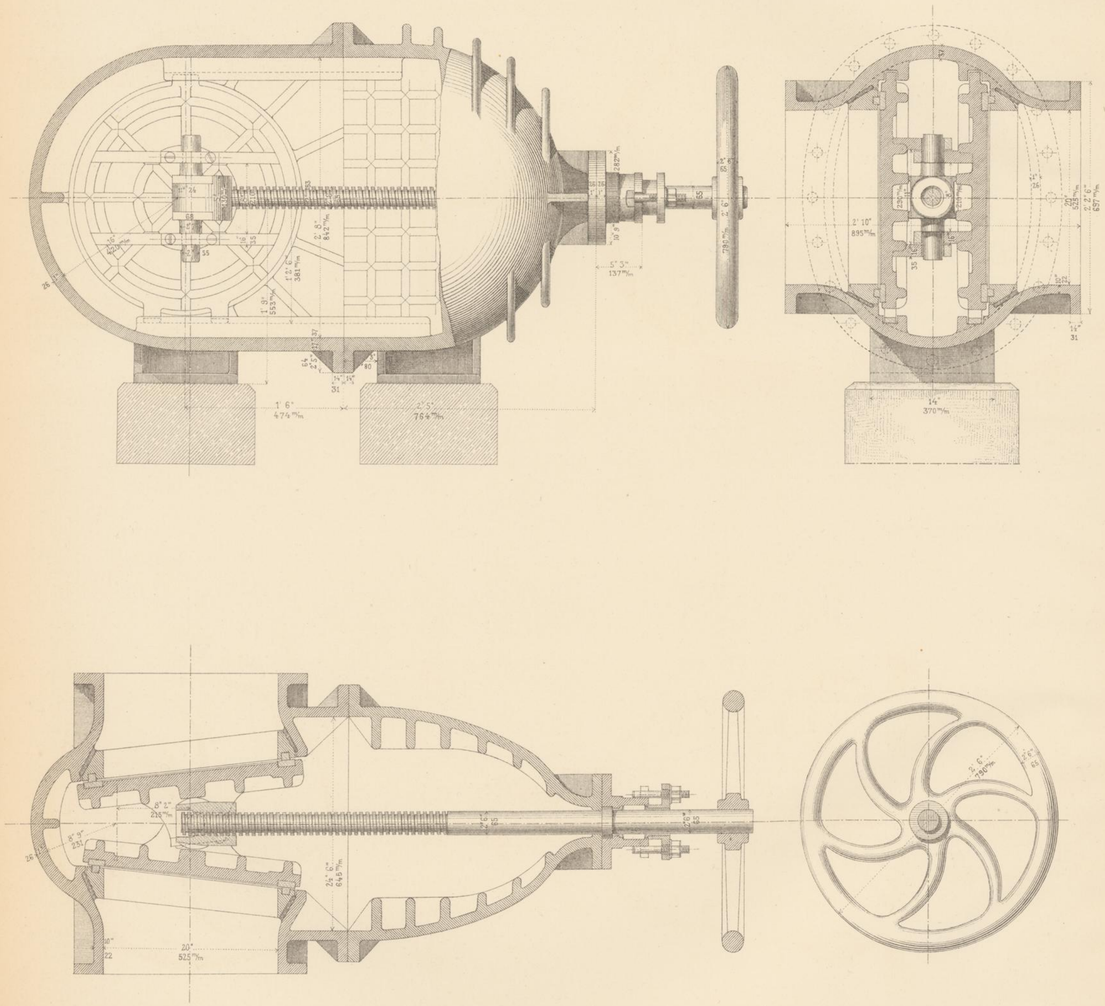
Für die Details.



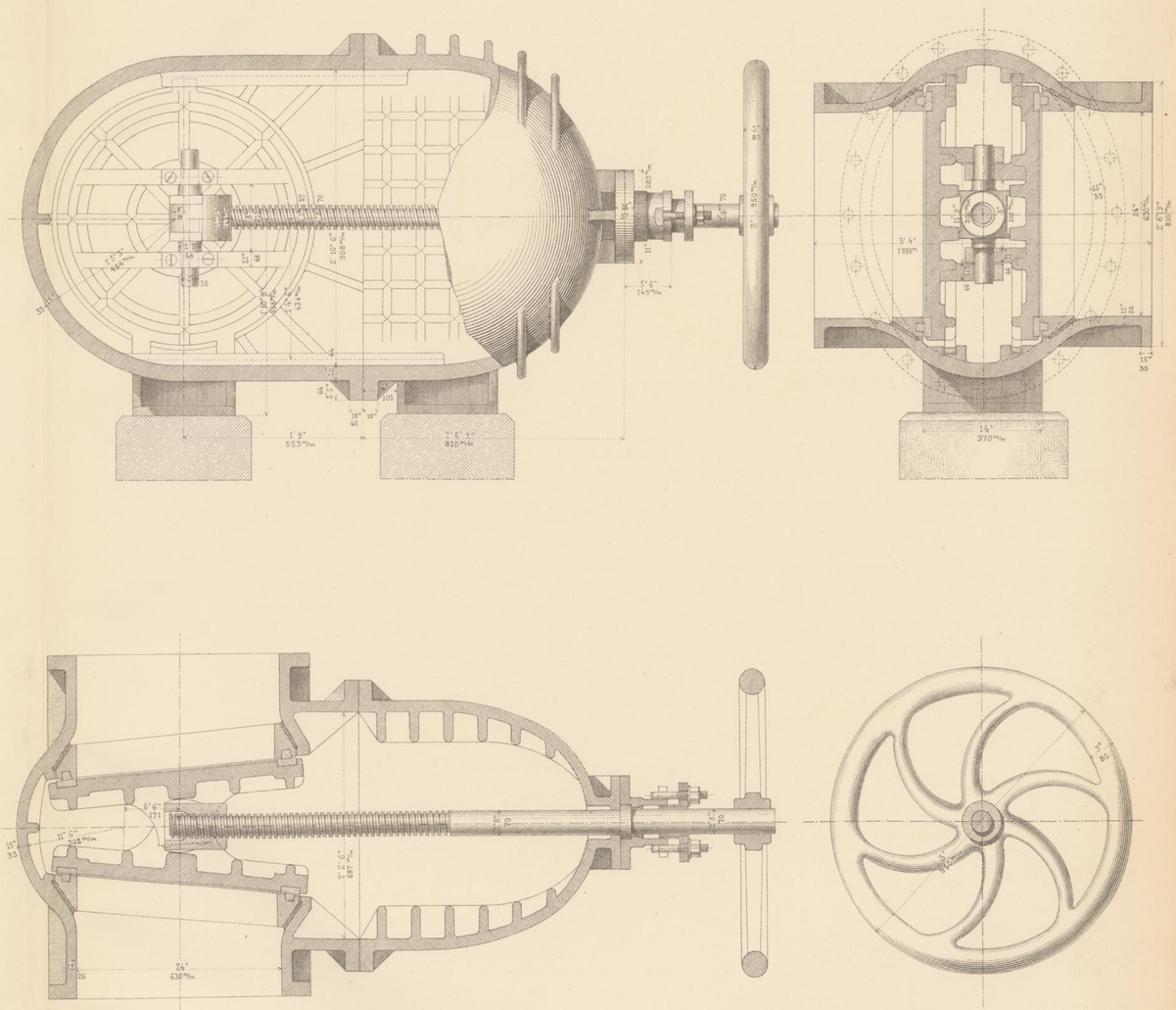
Techn. art. Anst. v. Ch. Moller, Wien.

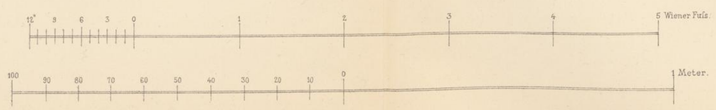
HORIZONTALE ABSPERRSCHIEBER.

Schieber für 20" Durchmesser.
525$^{m}_{m}$



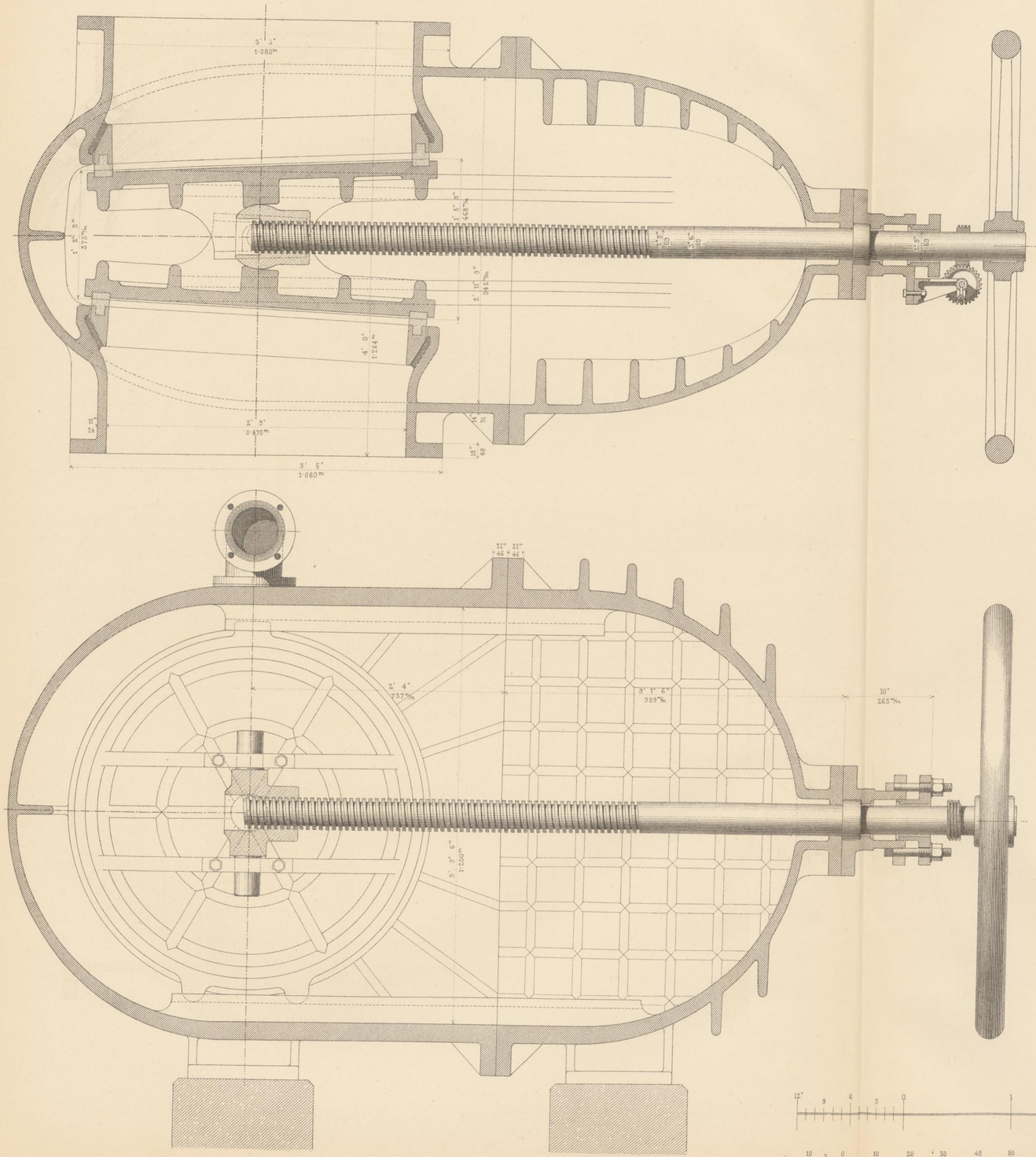
Schieber für 24" Durchmesser.
630$^{m}_{m}$

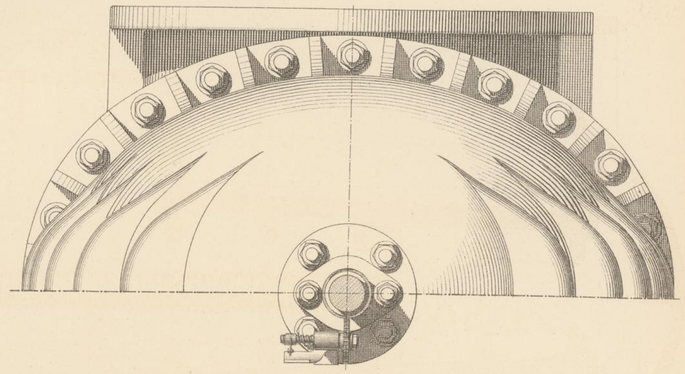


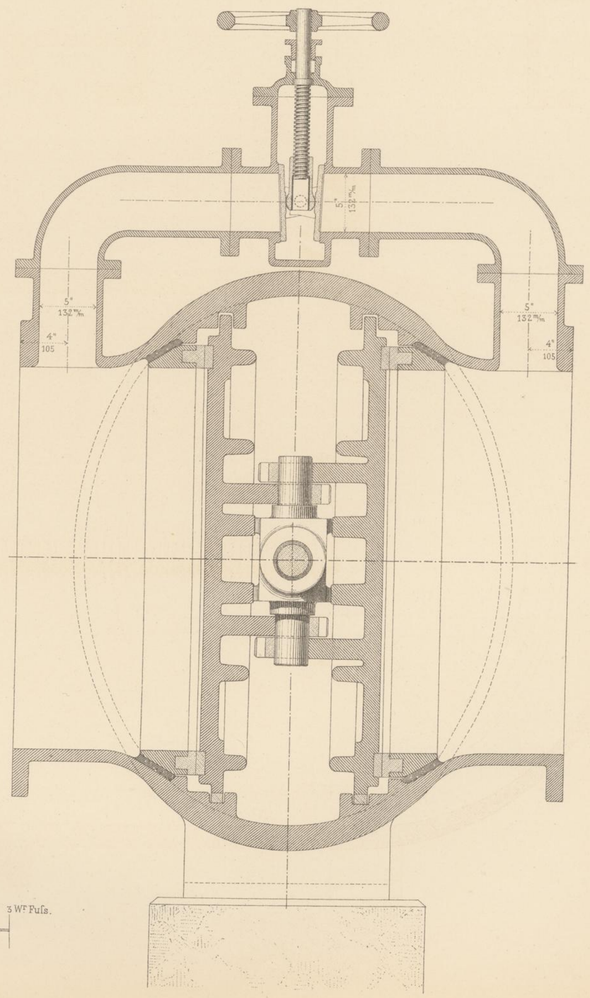


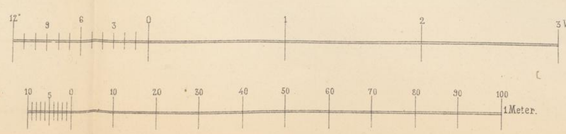
Techn. art. Anst. v. Chr. Höller, Wien.

HORIZONTALER ABSPERRSCHIEBER FÜR HAUPTROHRLEITUNGEN.

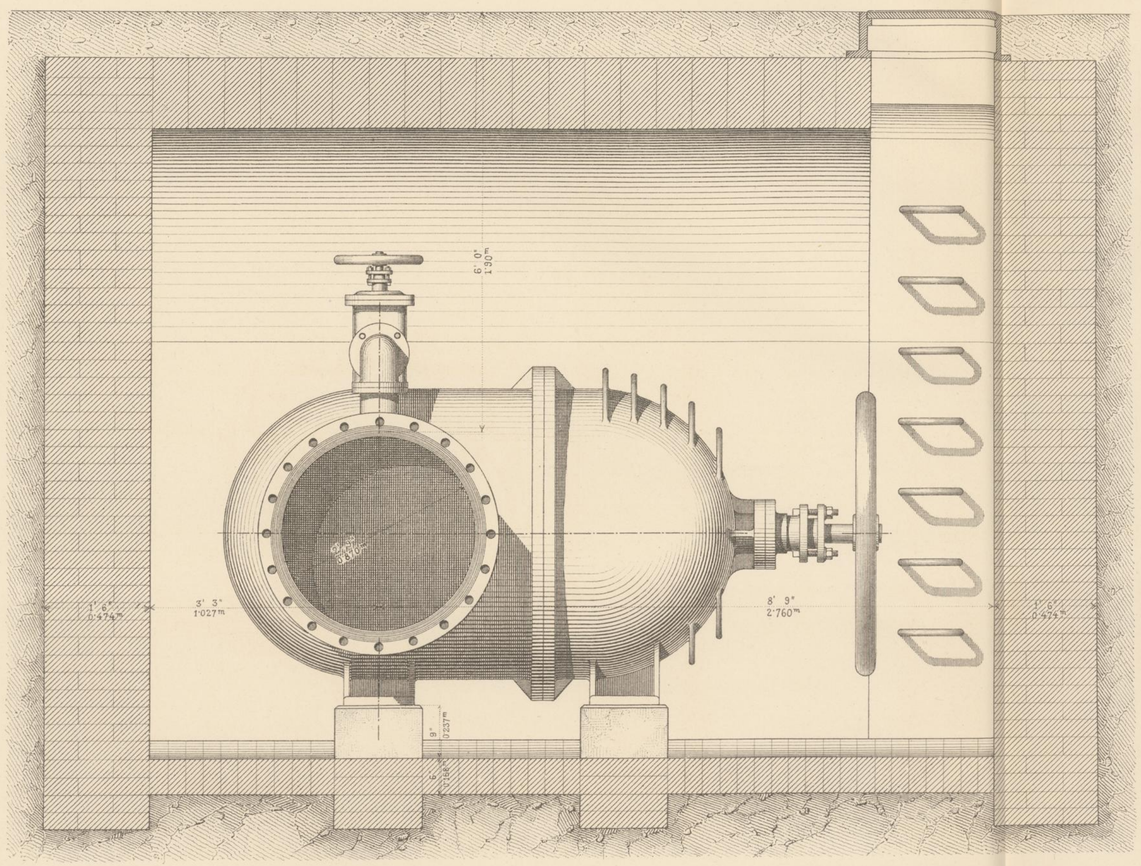


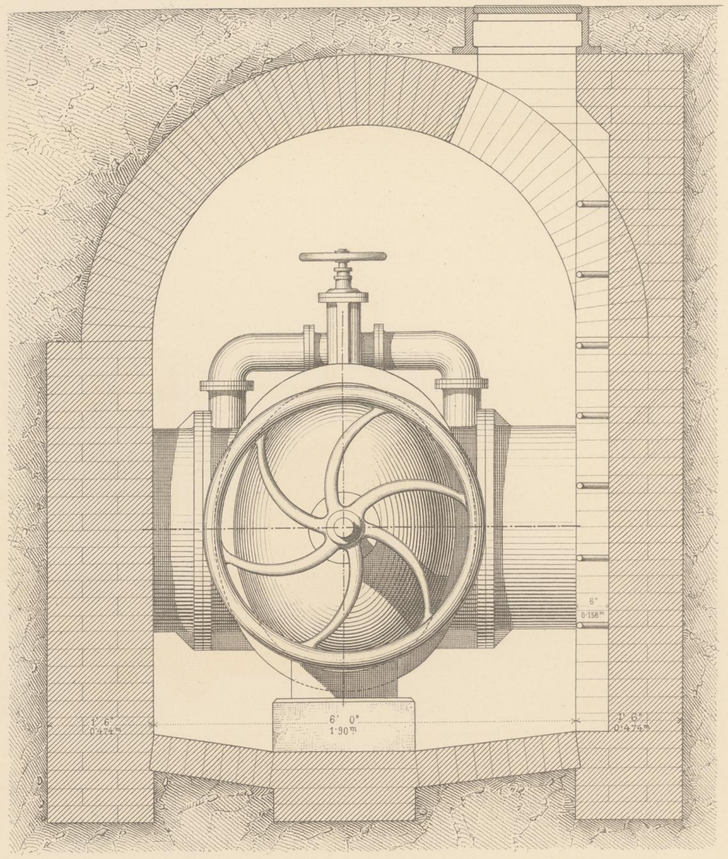


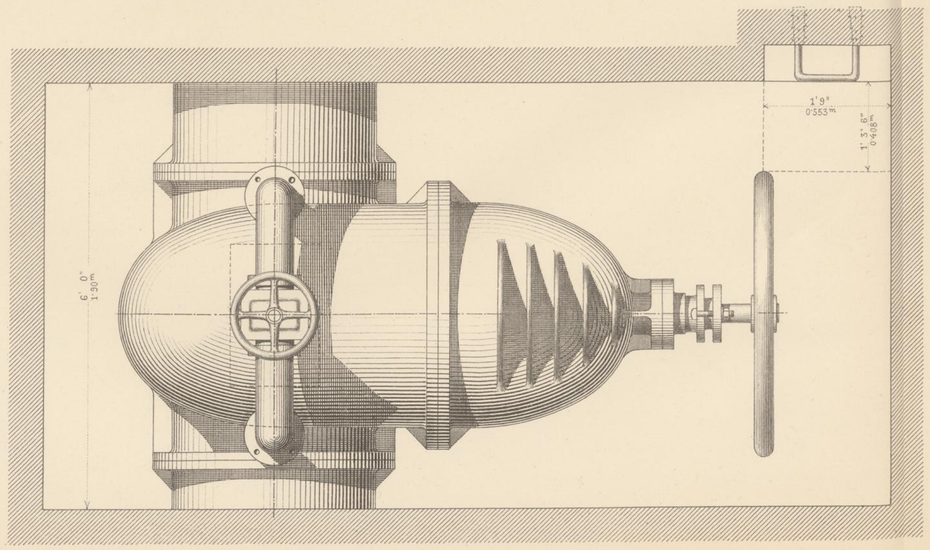


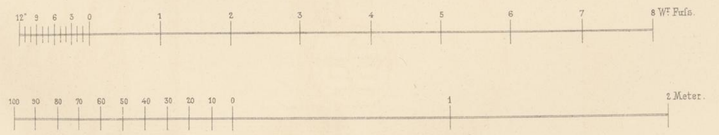


HORIZONTALER ABSPERRSCHIEBER IM EINSTEIGSCHACHTE.





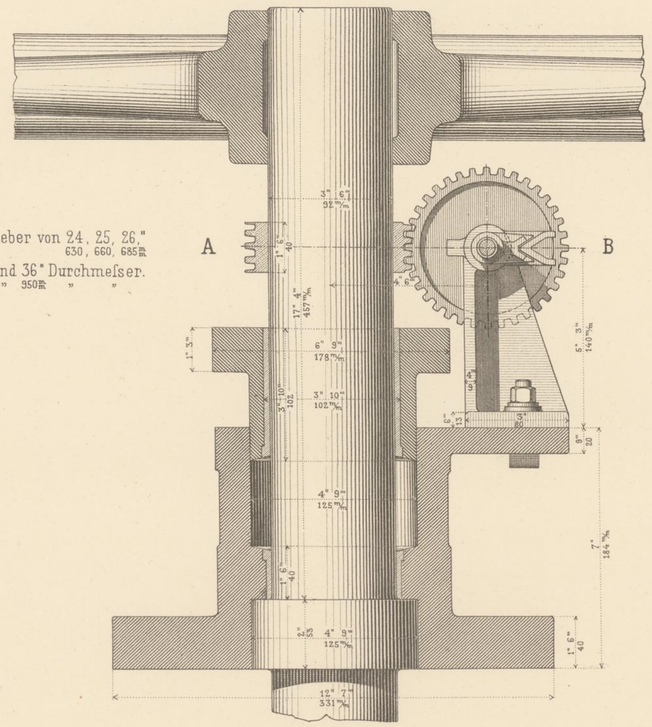




Techn. art. Anst. v. Chr. Höller. Wien.

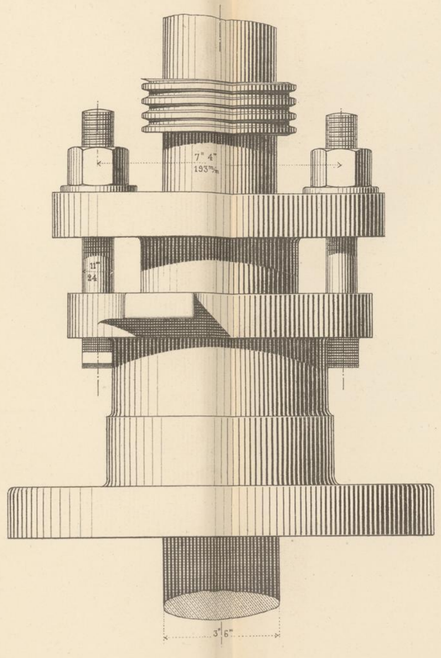
JNDIKATOREN ZUR MARKIRUNG DER SCHIEBERSTELLUNGEN VON AUSSEN.

Vertikalschnitt.

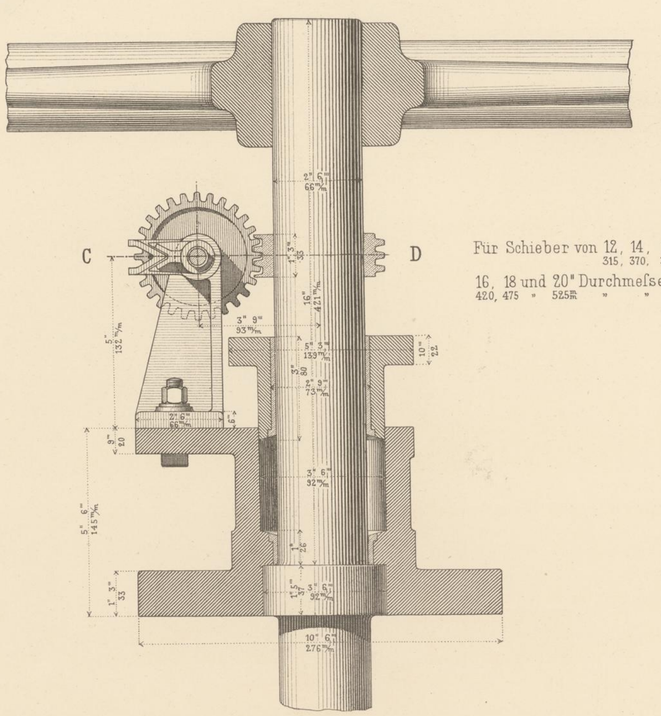


Für Schieber von 24, 25, 26" 630, 660, 685mm
30, 33 und 36" Durchmesser. 730, 870 » 950mm » »

Ansicht.

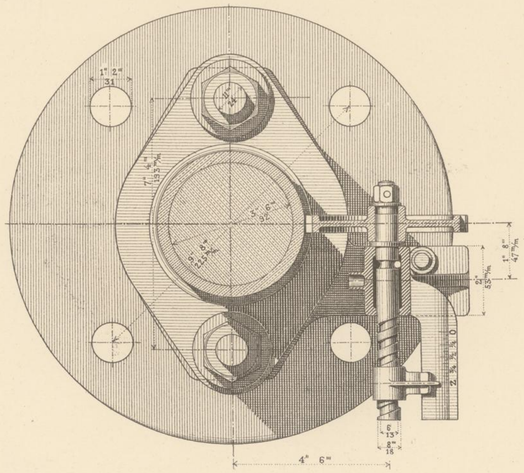


Vertikalschnitt.

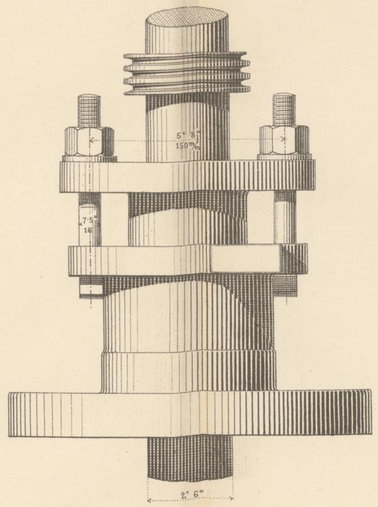


Für Schieber von 12, 14, 15" 315, 370, 395mm
16, 18 und 20" Durchmesser. 420, 475 » 525mm » »

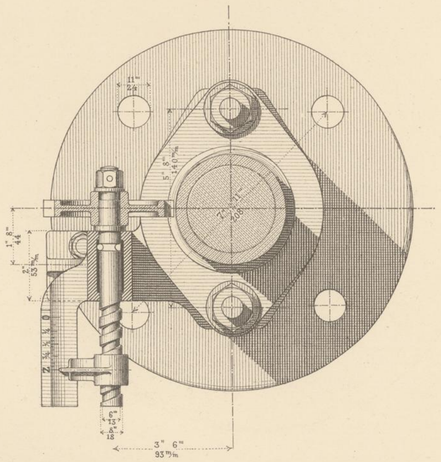
Durchschnitt A B.

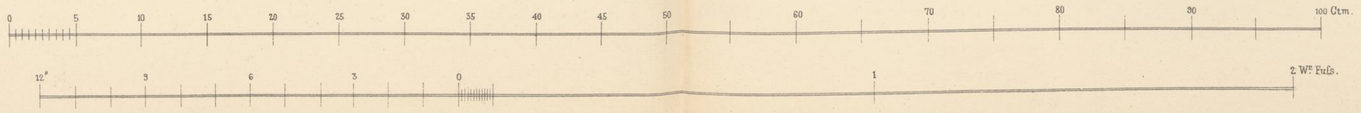


Ansicht.



Durchschnitt C D.

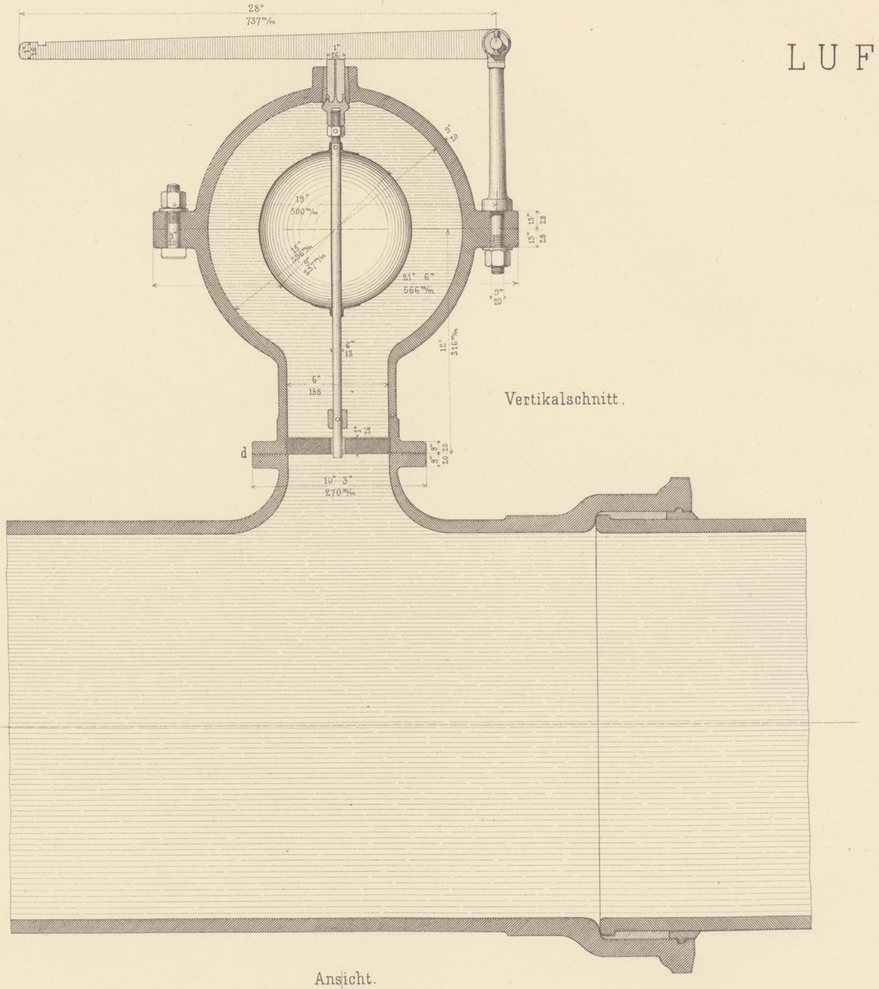


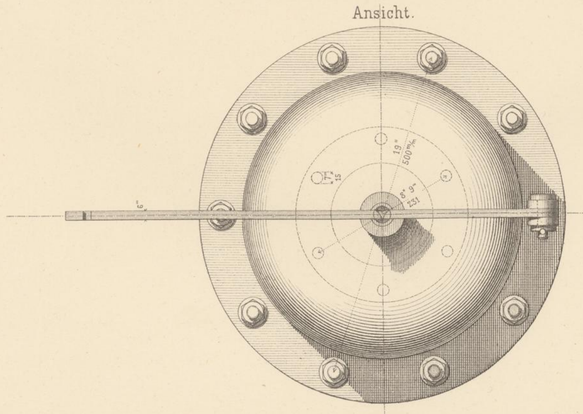


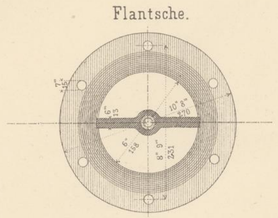
Techn. att. Anst. v. Gr. Heller. Wien.

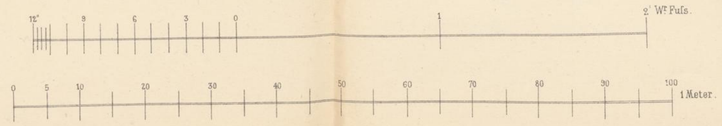
LUFTVENTILE.

Luftventil für die Hauptrohrleitungen und für die Röhrenkammern der Reservoir's.

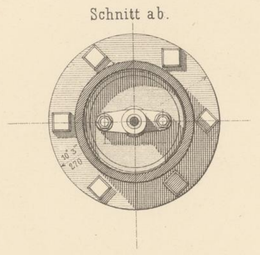


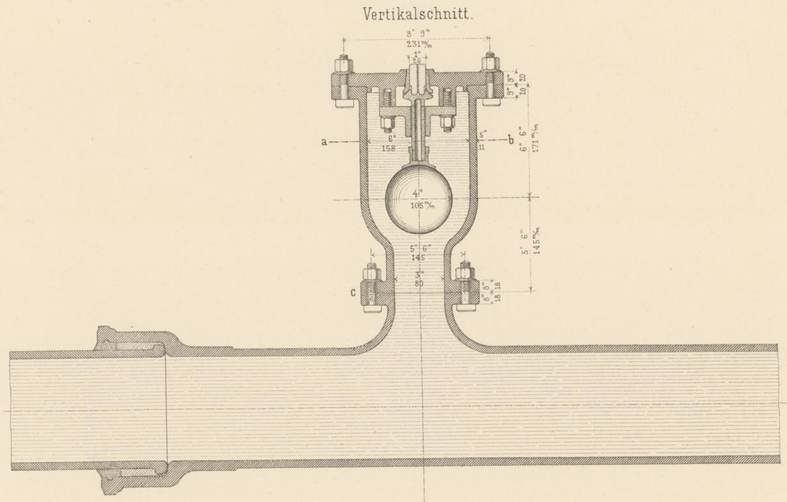


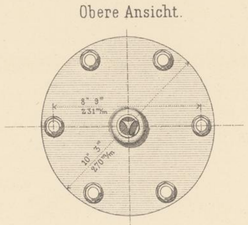




Luftventil für das Rohrnetz.









Techn. art. Anst. v. Chr. Höller. Wien.

Bücherei
des Wiener
Stadt-Bauamtes

Photolithogr. v. Chr. Reiser, Wien

ROHRNETZ

der Kaiser Franz Josef Hochquellen-Wasserleitung

der Stadt Wien

samt den Leitungen in den Vororten.


Ober Laa
Jnzersdorf
Burgfrieden
Spinnern am Kreuz
Wasser-Reservoir am Wienerberg
Quellen Gasse
am Laaerberg
Meidling
Wilhelmsdorf
Meidlinger Hauptstrasse
Gaudenzdorf
Sechshaus
Rudolfs-
Fünfhaus
Neu-Lerchenfeld
Ottakring
Hernals
Währing
Gürtel Str.
Mariahilfer Gürtel Str.
Schmelz
Stadlau
Simmering
Kais. Franz Josef Hochquellen Wasserleitung
Kais. Franz Josef Hochquellen Wasserleitung
Kais. Franz Josef Hochquellen Wasserleitung

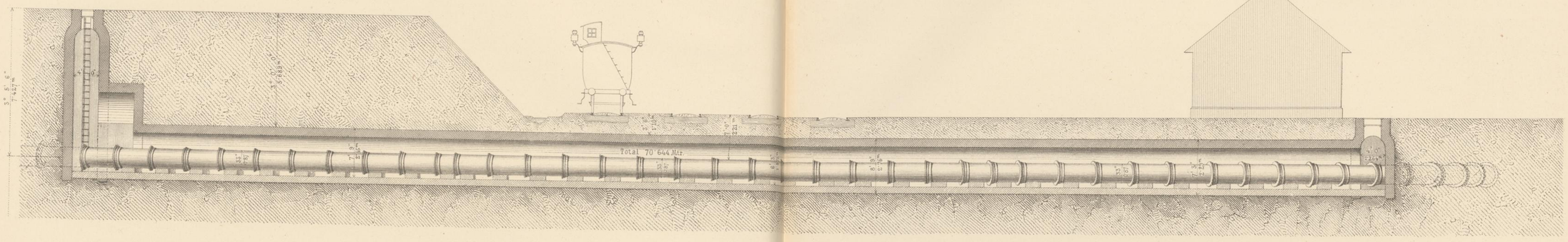
Wiener Hochquellen-Wasserleitung.
II. Abtheilung.

TAFEL **XXVI.**

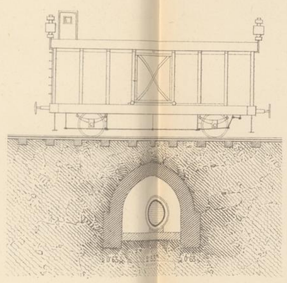
DURCHSETZUNG DER K. K. STAATSBAHN

mit dem 33 zölligen = 87^{cm} Hauptrohre für die Niederdruck-Zone.

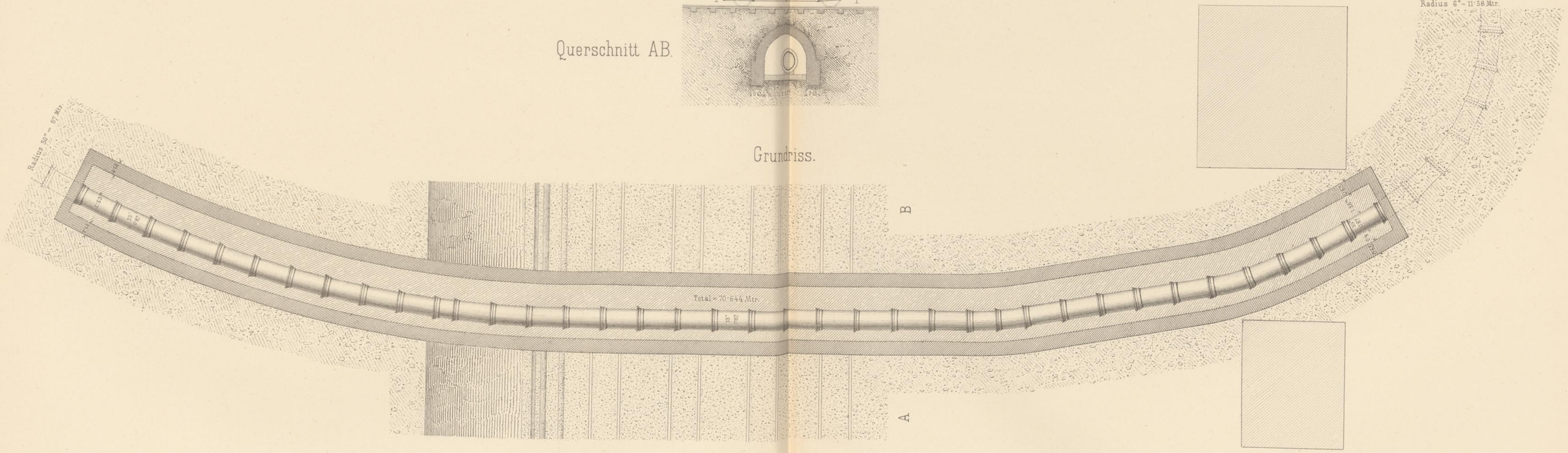
Längenschnitt.

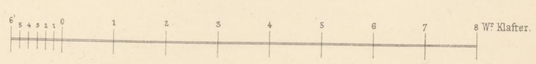


Querschnitt AB.



Grundriss.



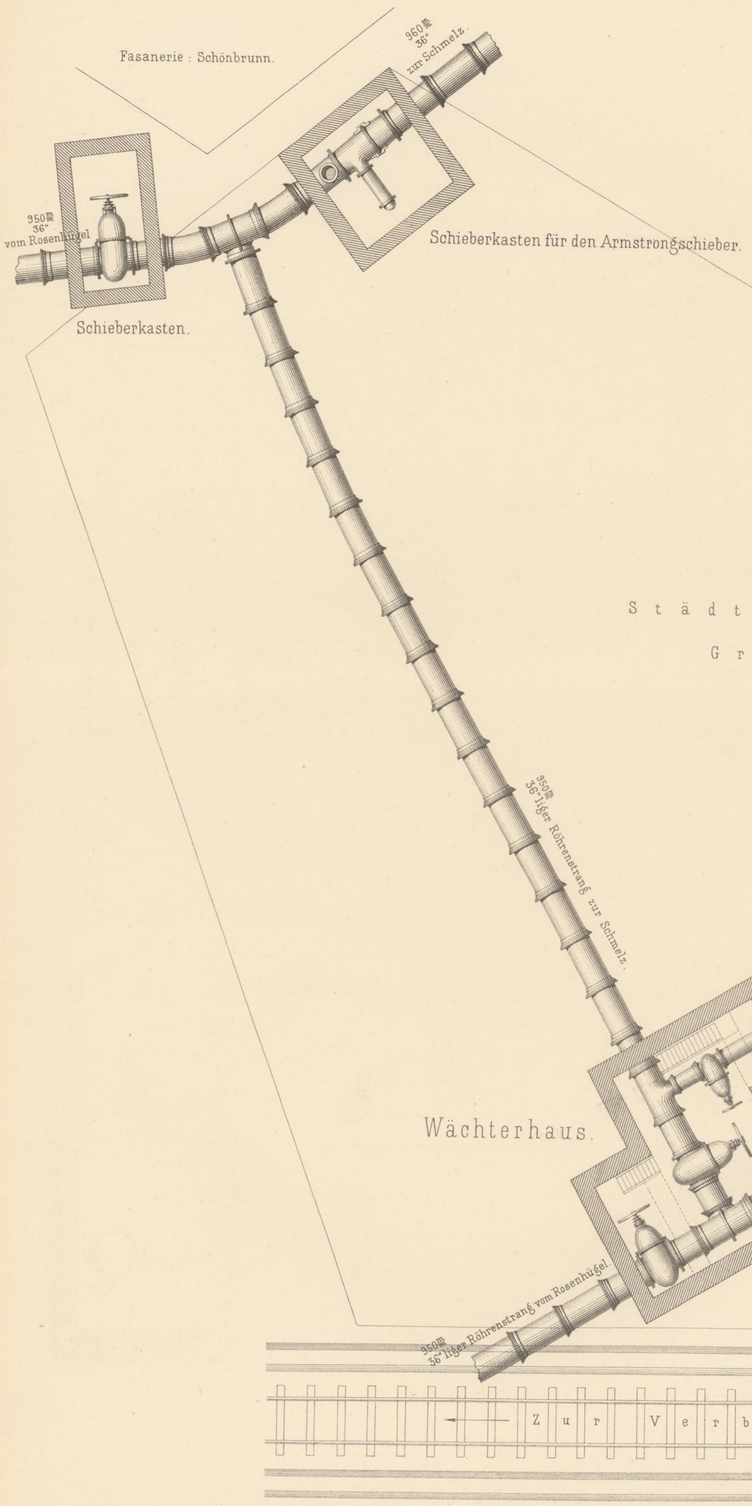




Techn. art. Anst. v. Dr. Miller Wien.

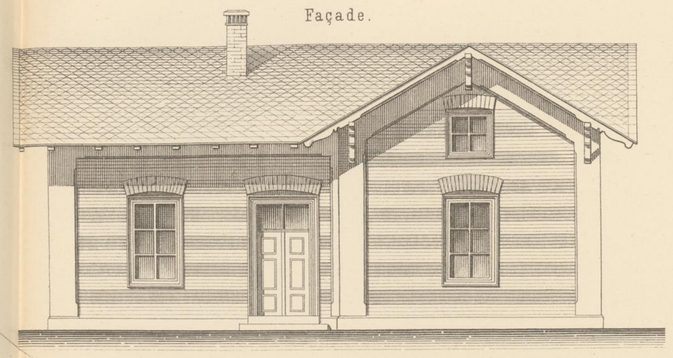
WÄCHTERHAUS UND SITUATION

der Verbindung der Hauptröhrenstränge bei Hetzendorf.

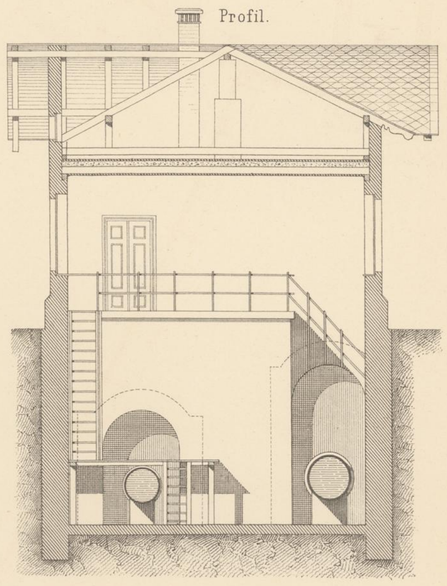


Wächterhaus.

Façade.

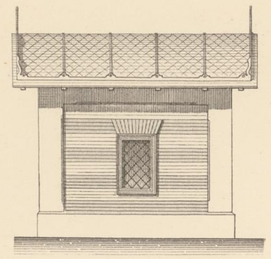


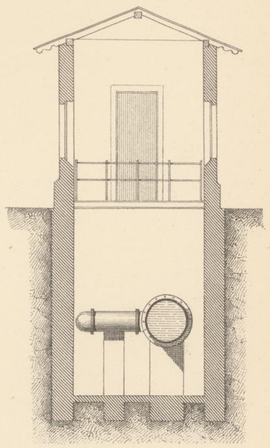
Profil.



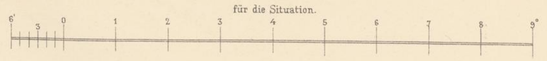
Schieberkasten für den Armstrongschieber.



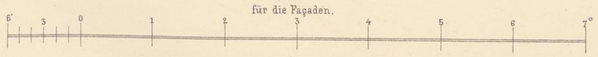




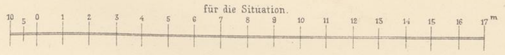
für die Situation.



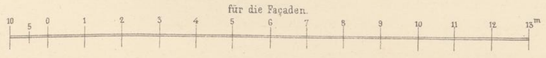
für die Façaden.



für die Situation.



für die Façaden.

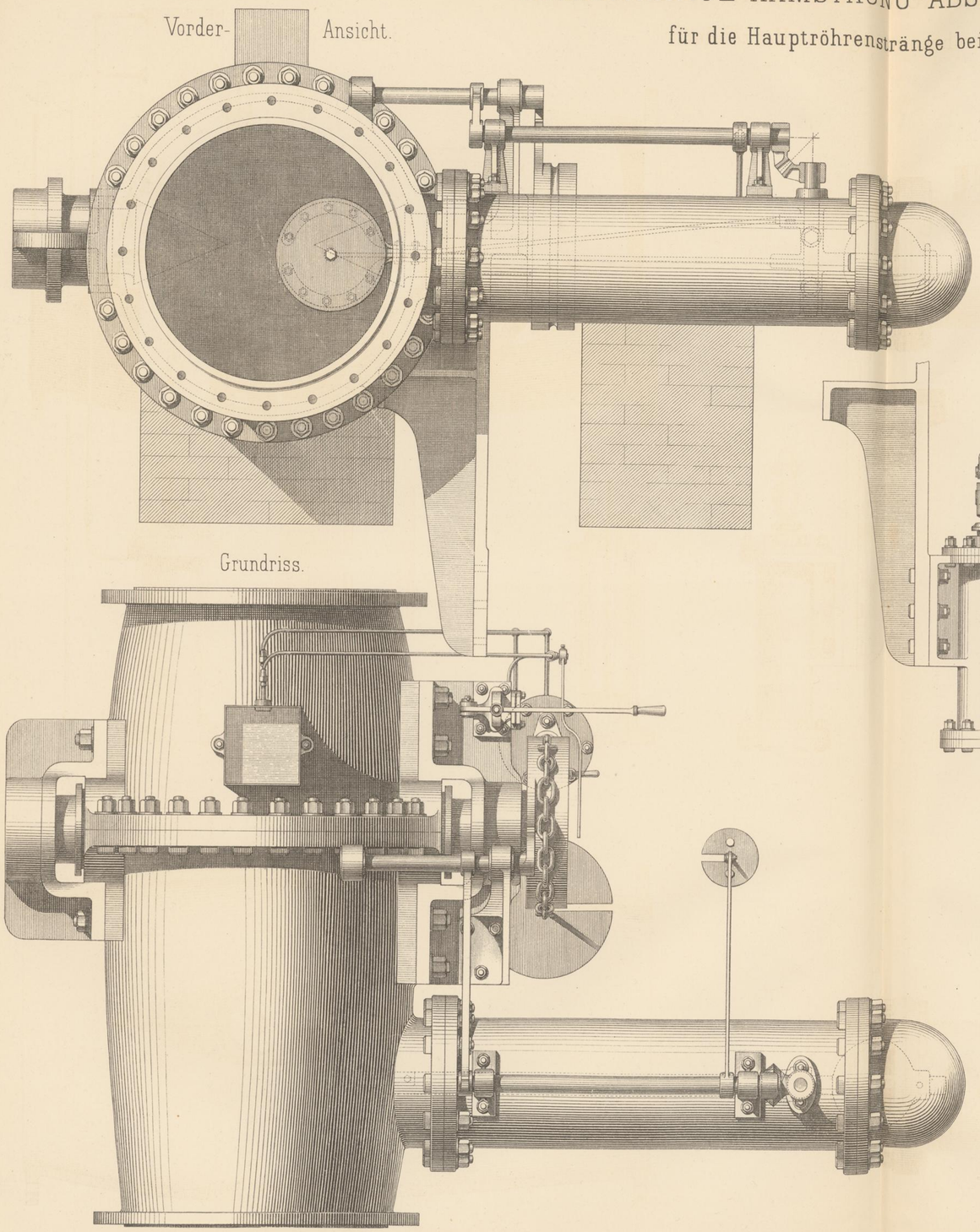


Techn. artist. Anst. v. Ge. Höller. Wien.

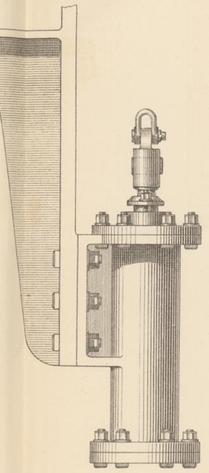
SELBSTTHÄTIGE ARMSTRONG-ABSPERRVORRICHTUNG

für die Hauptröhrenstränge bei Hetzendorf.

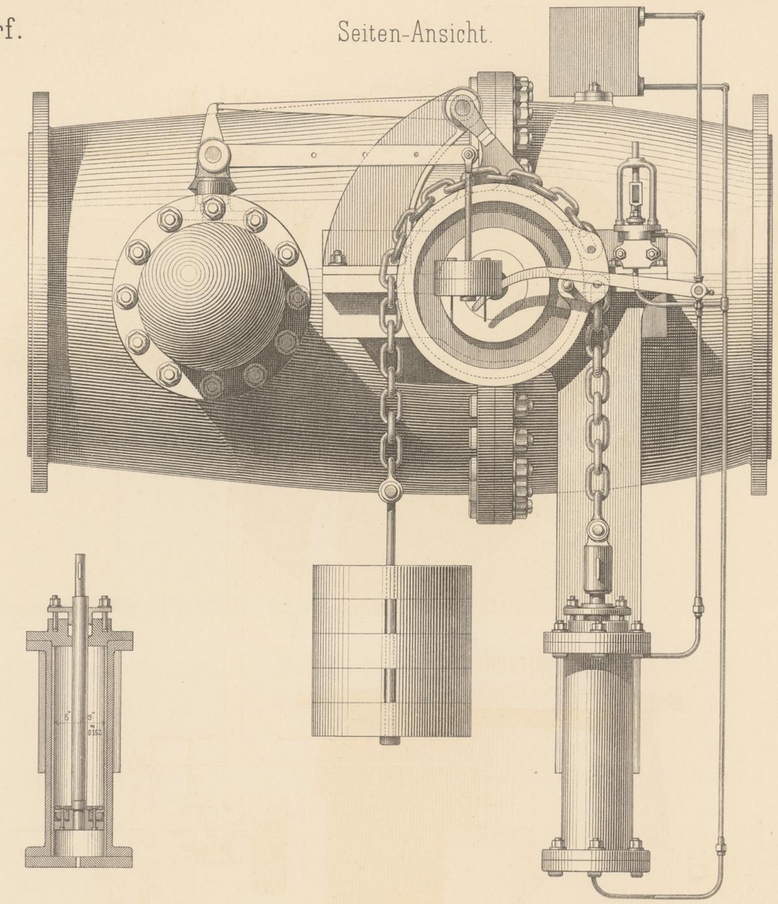
Vorder- Ansicht.



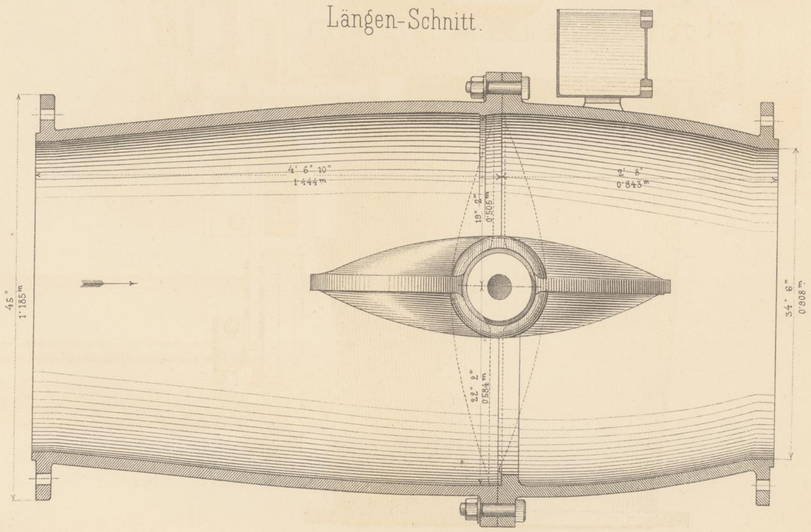
Grundriss.

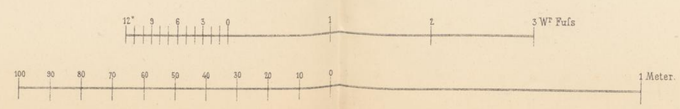


Seiten-Ansicht.



Längen-Schnitt.



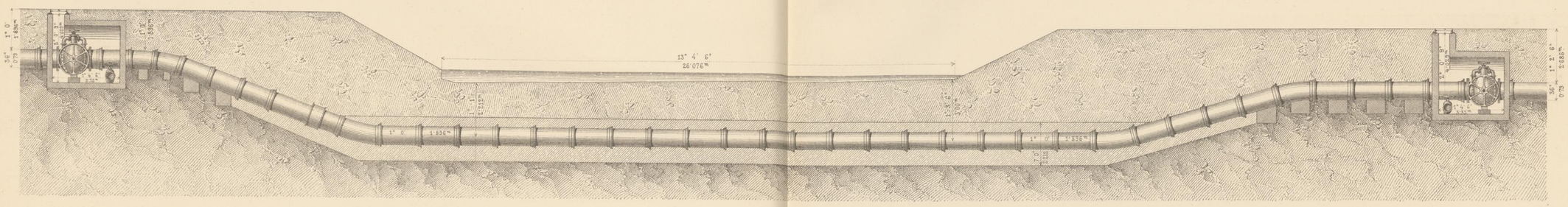


Techn. art. Anst. v. Ge. Hüller, Wien.

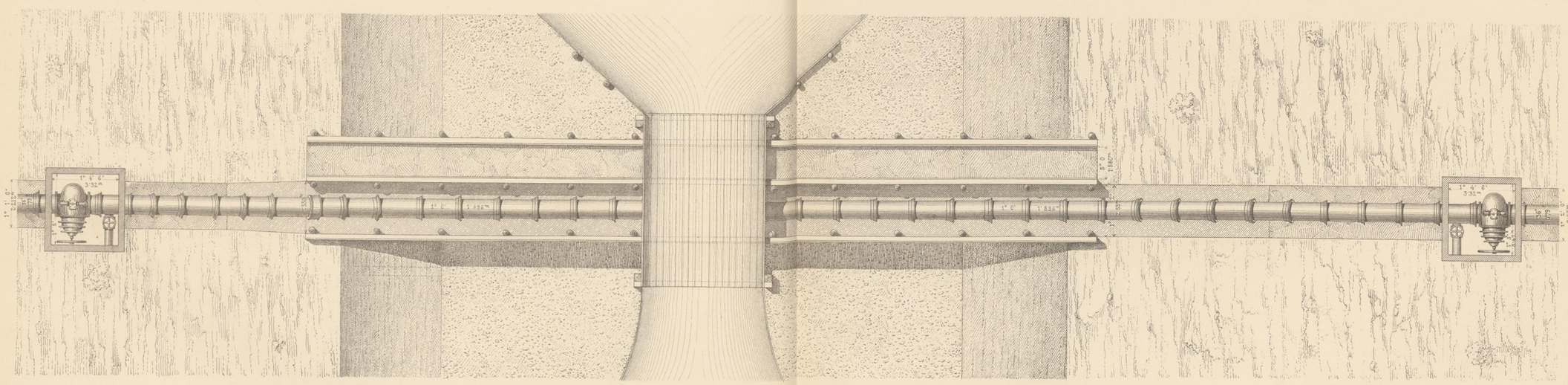
DURCHSETZUNG DES WIEN-FLUSSES

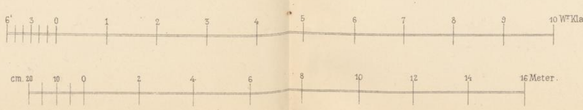
mit dem 36 zölligen Hauptrohre.

Längen-Profil nach der Ausführung.



Grundriss während der Ausführung.



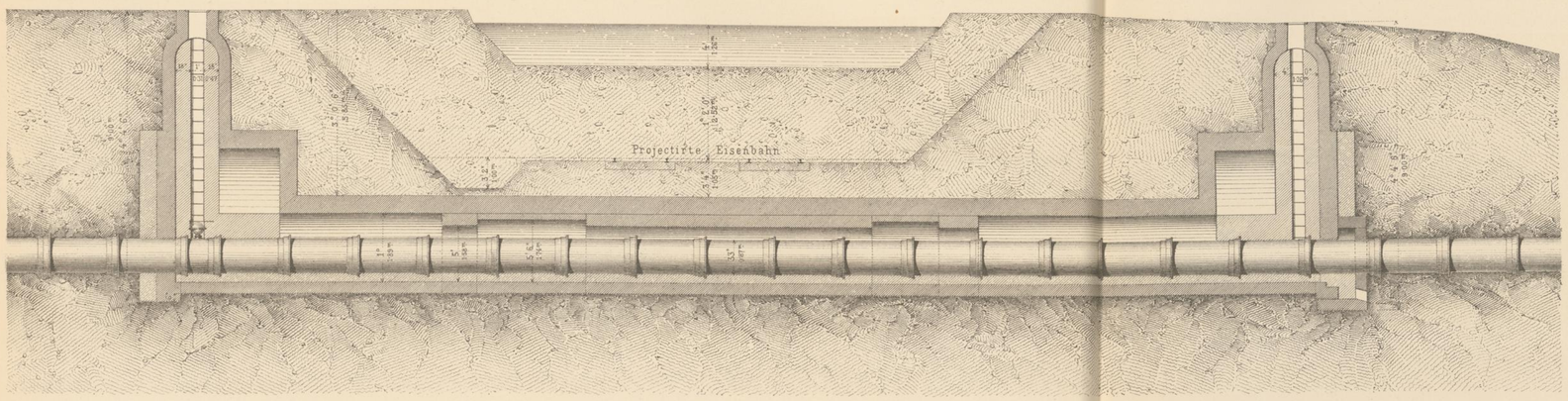


Techn. art. Anst. v. Chr. Hüller Wien.

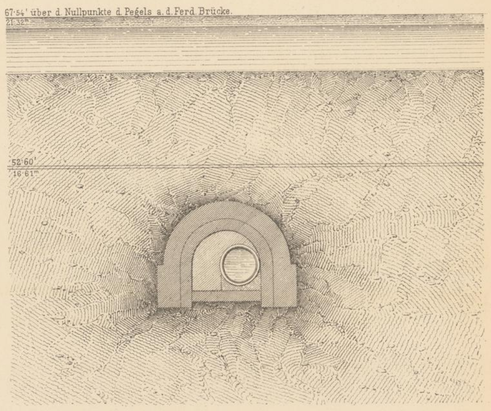
UNTERFAHRUNG DES WIEN-NEUSTÄDTER SCHIFFAHRTS-CANALES

mit dem 33 zöllige 87 cm Hauptrohre.

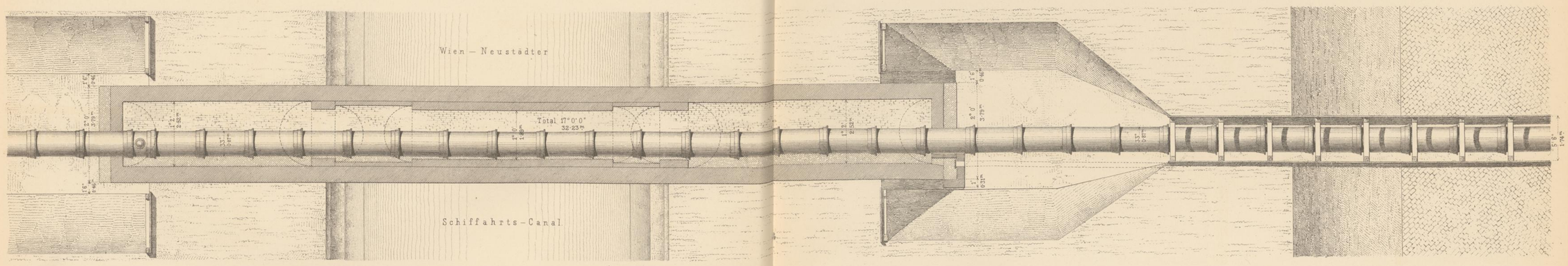
Längenschnitt.

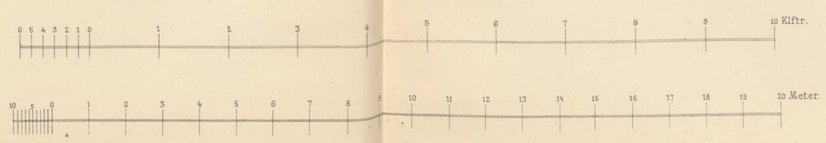


Querschnitt.



Grundriss.



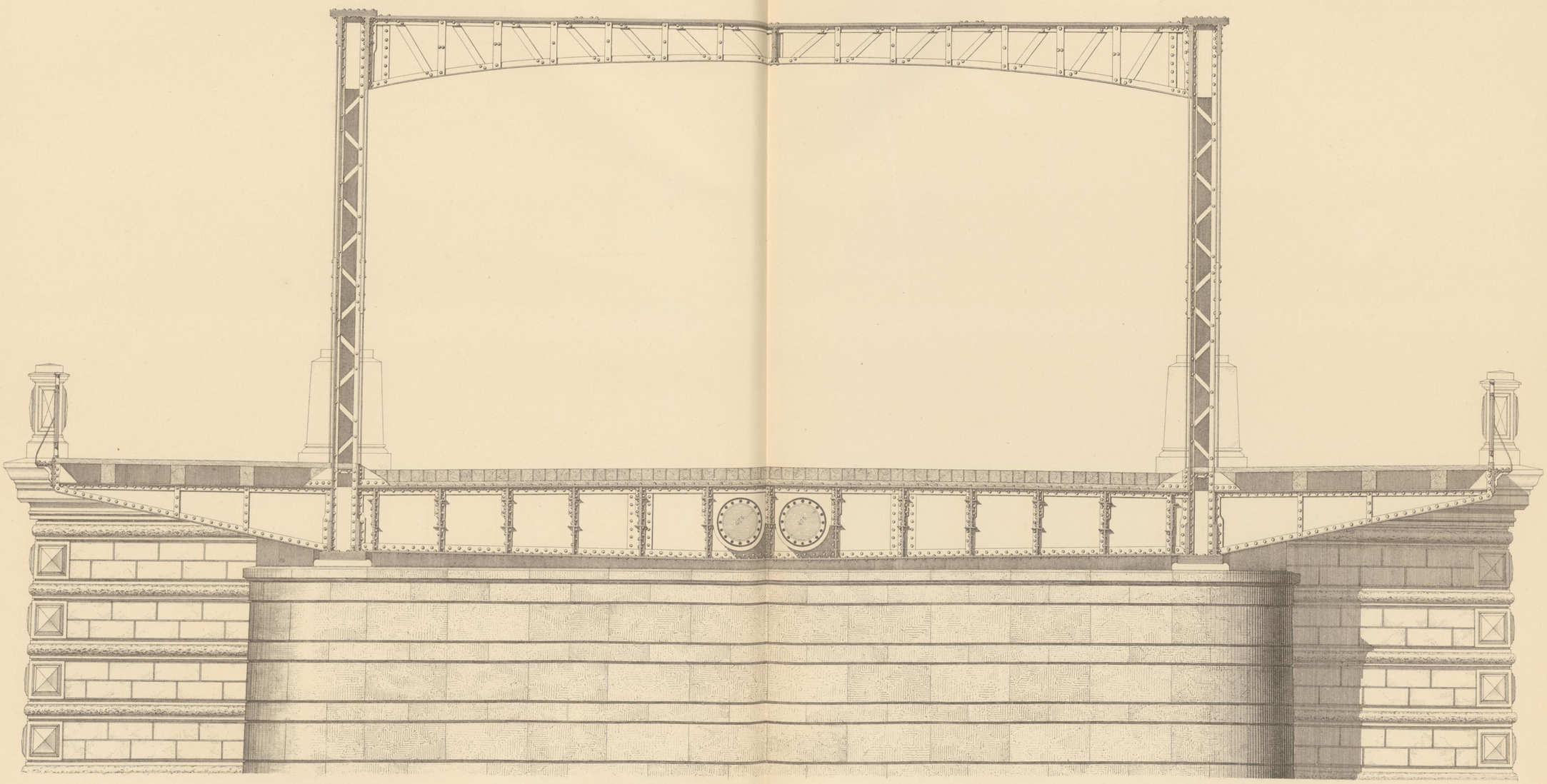


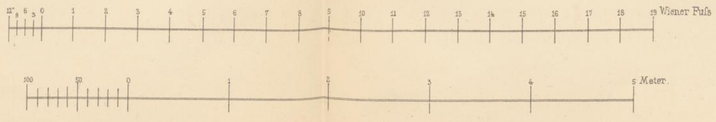
Techn. artl. Anst. v. Chr. Hölzer, Wien.

ÜBERSETZUNG DES DONAU-CANALES

mittelst zweier 18 zölliger Röhren durch die Sofien-Brücke.

Vertikal-Profil.



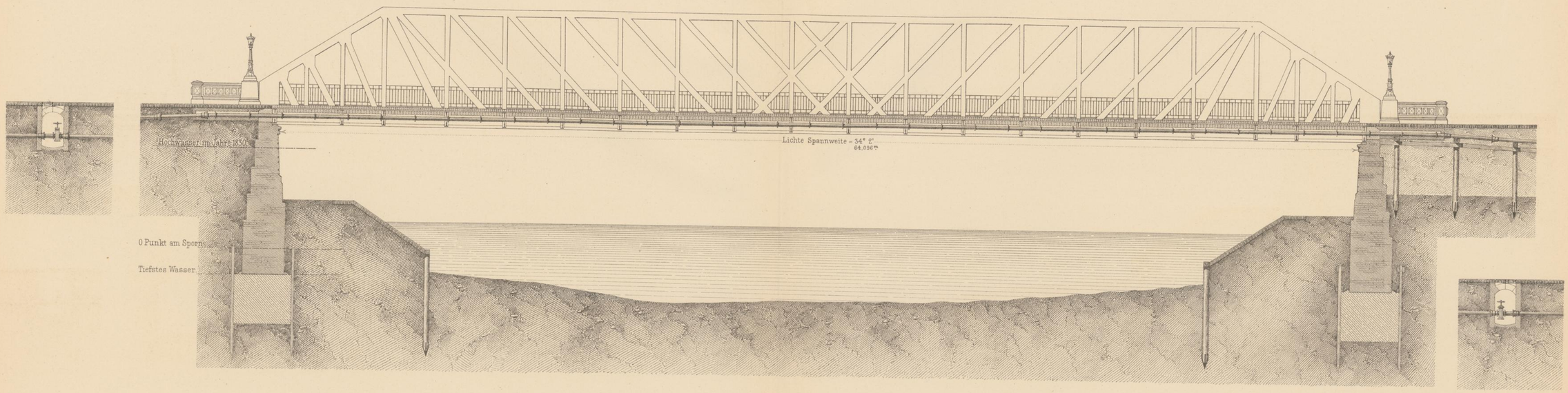


Techn. art. Anst. v. Ge. Höller. Wien.

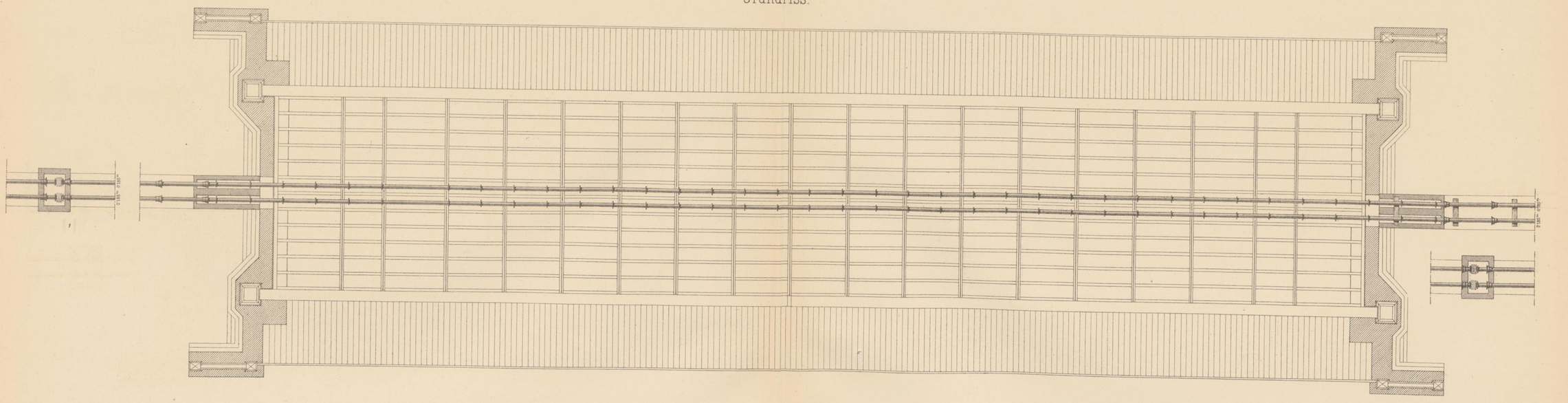
ÜBERSETZUNG DES DONAU-CANALES

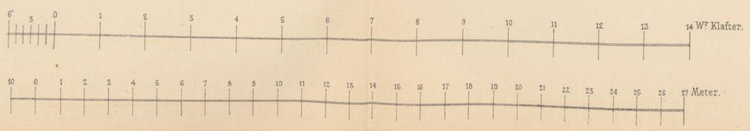
mittelst zweier 7 zölliger Röhren durch die Brigitta-Brücke.

Längenschnitt.



Grundriss.





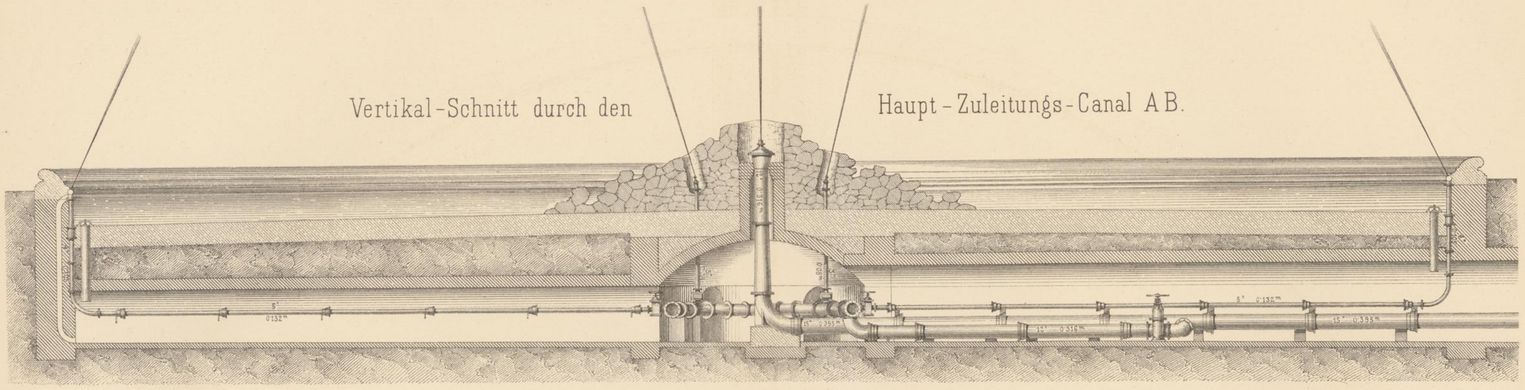
Wiener Hochquellen-Wasserleitung.
II. Abtheilung.

TAFEL XXXIII.

HOCHSTRAHL-BRUNNEN

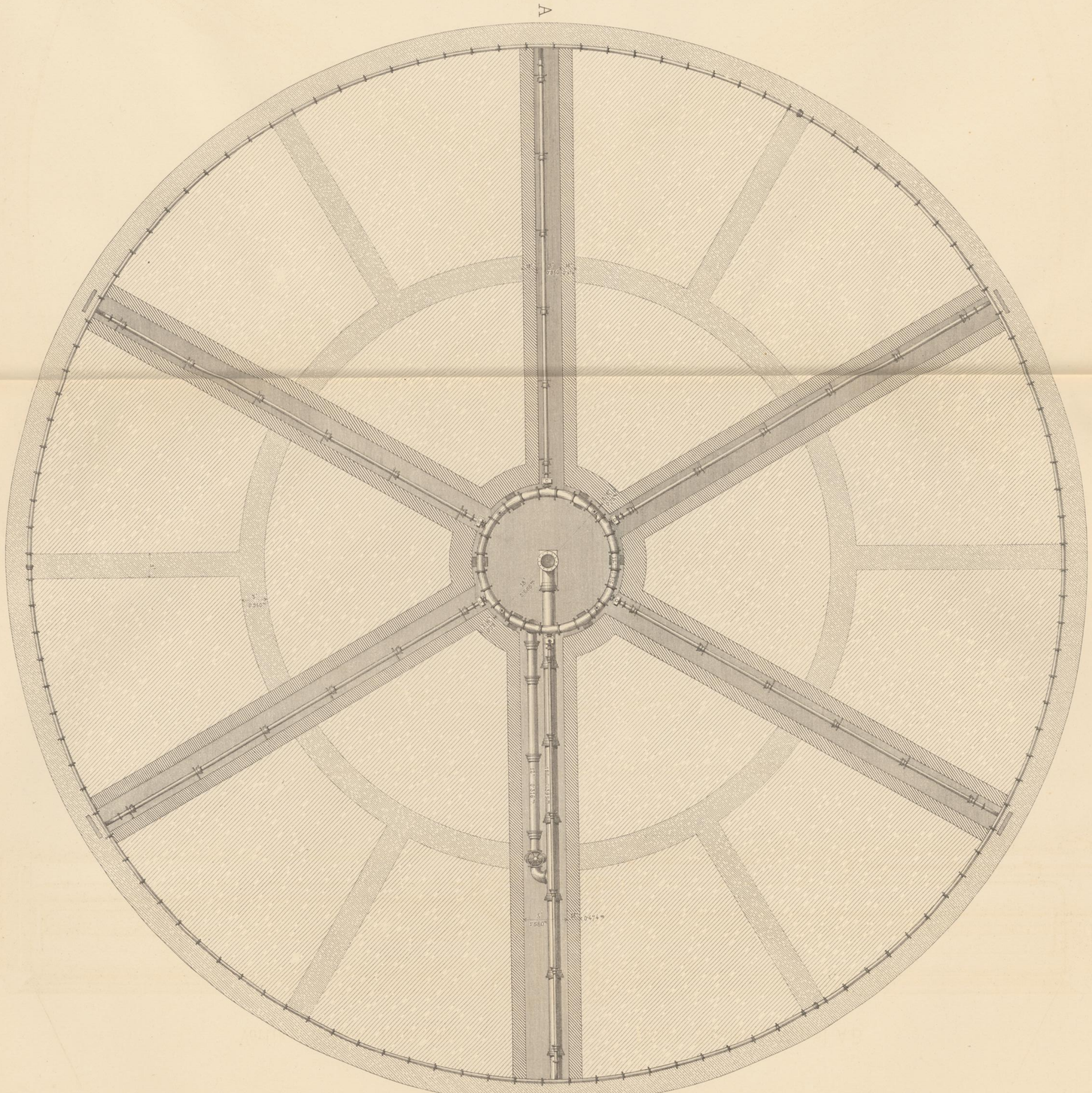
vor dem Fürst Schwarzenberg'schen Palais.

Vertikal-Schnitt durch den Haupt-Zuleitungs-Canal A B.



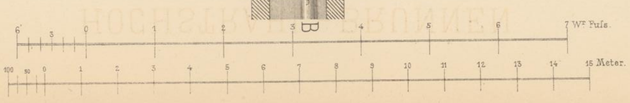
Innere Lichte des Bassins 120 Fuſs = 37·950 Meter.

Grundriss und Schnitt durch die Leitungs-Canäle der Rohre.



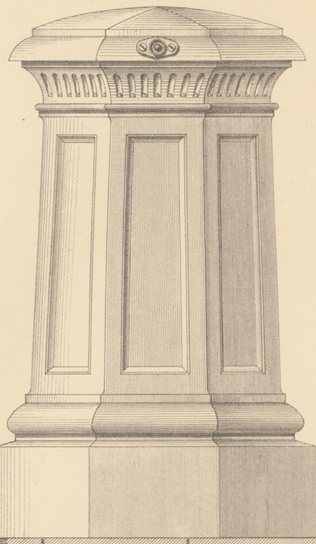
Sprunghöhe des 3"ligen = 80 ℔ Vollstrahls 184 W^r Fuſs = 58 Meter.

Wasserverbrauch 6800 Eimer = 384·375 Cub. Meter pr. Stunde.

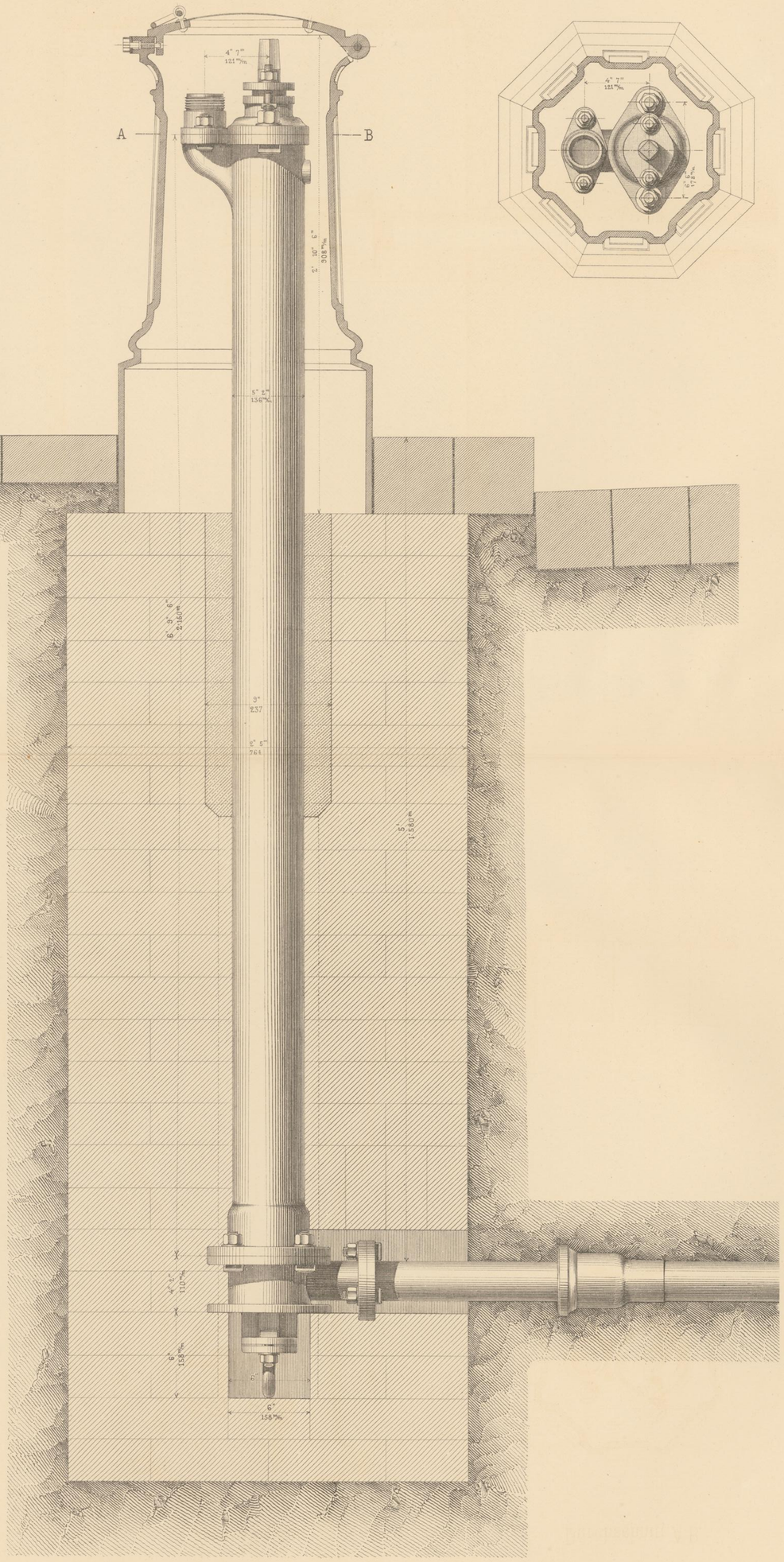


EINBAU DER HYDRANTEN MIT STANDSÄULE.

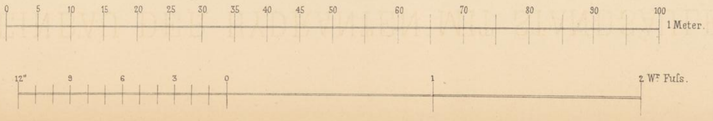
Ansicht.



Vertikalschnitt.



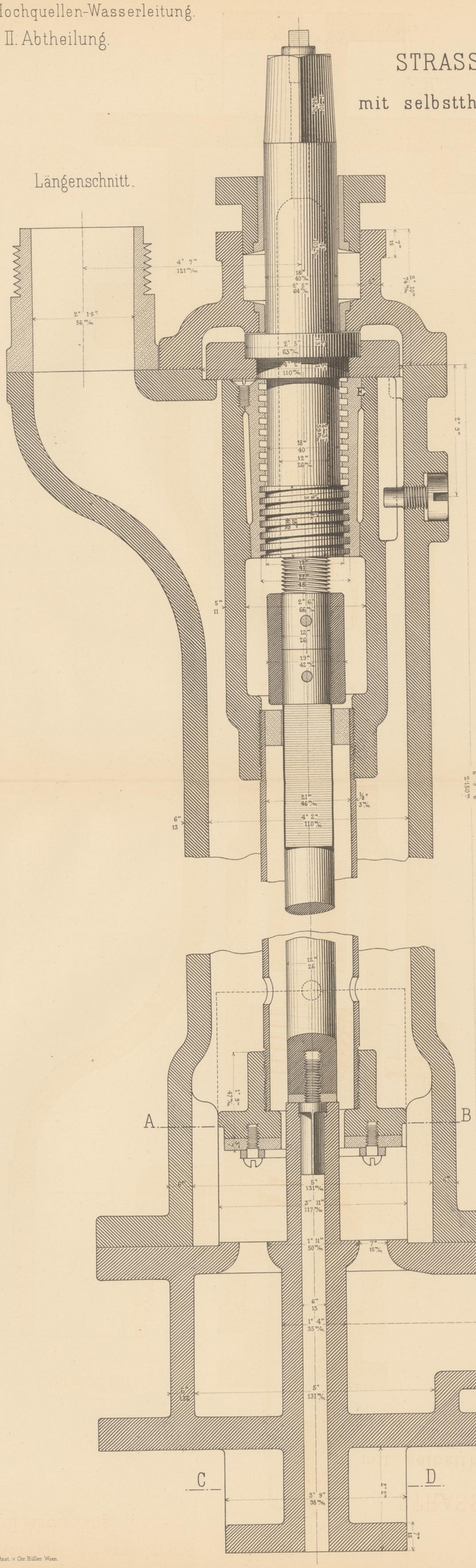
Durchschnitt A B.



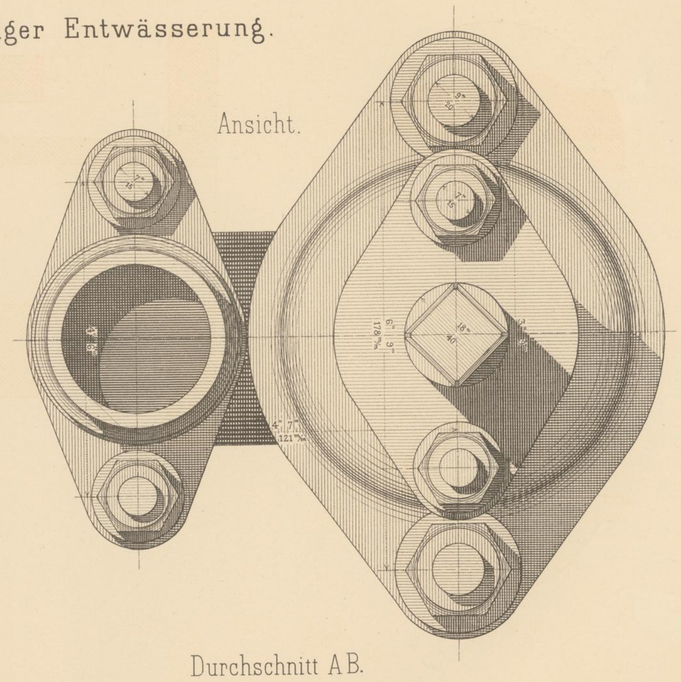
STRASSEN-HYDRANT

mit selbstthätiger Entwässerung.

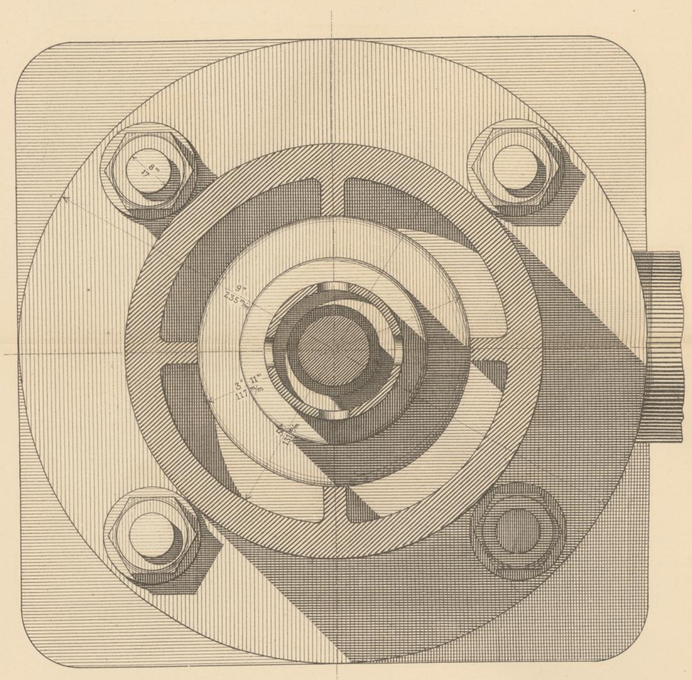
Längenschnitt.



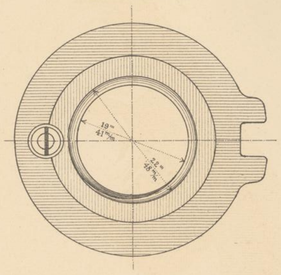
Ansicht.



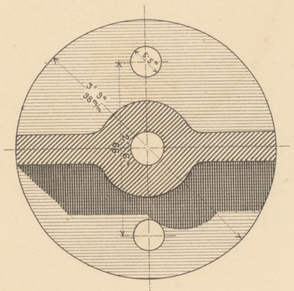
Durchschnitt A B.

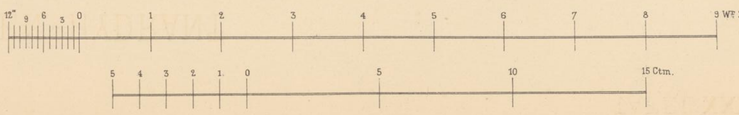


Ansicht E.



Durchschnitt C D.

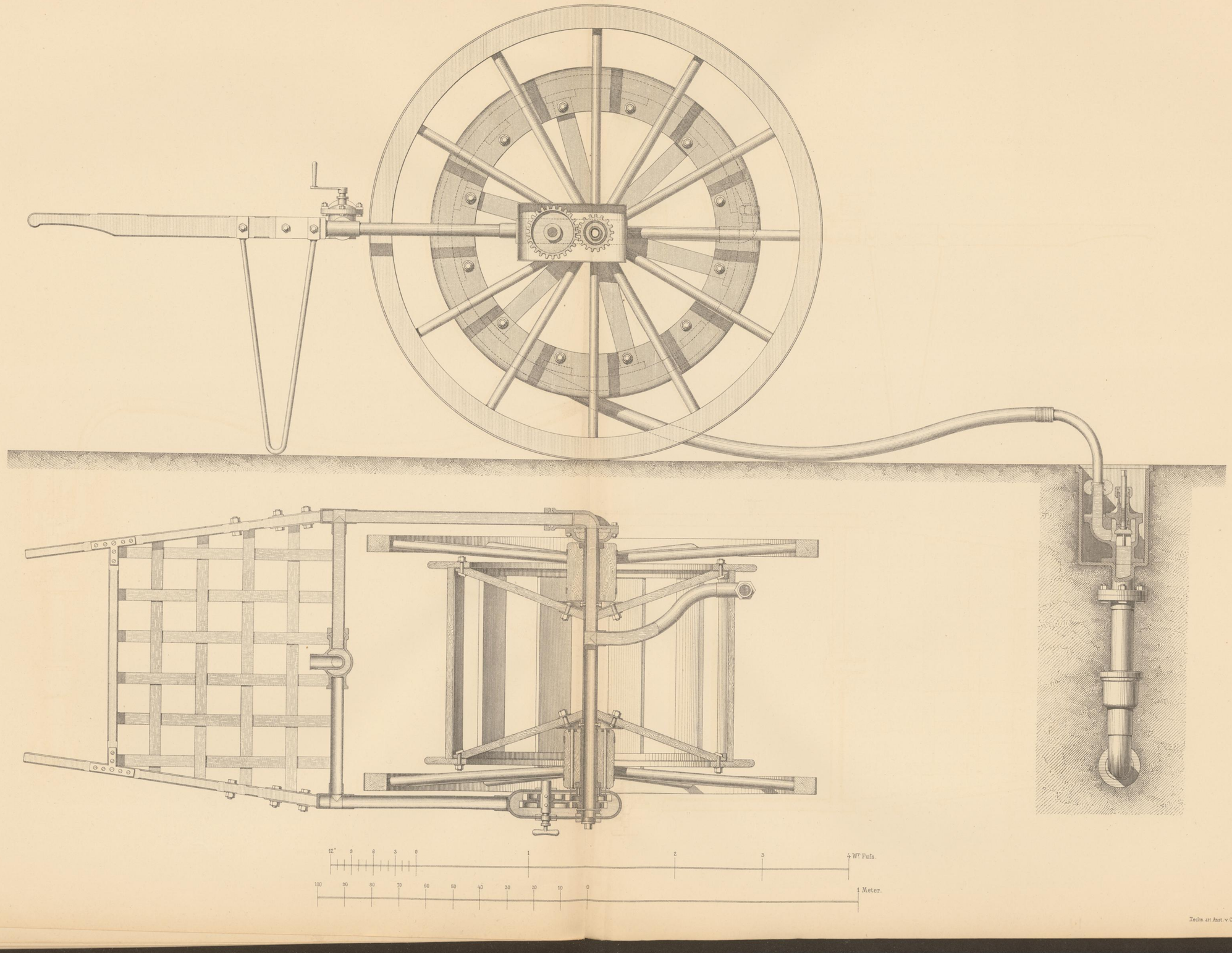




Techn. art. Anst. v. Chr. Höller. Wien.

SCHLAUCHTROMMELWAGEN SAMMT HYDRANT

für die Bespritzung der Ringstrafse.

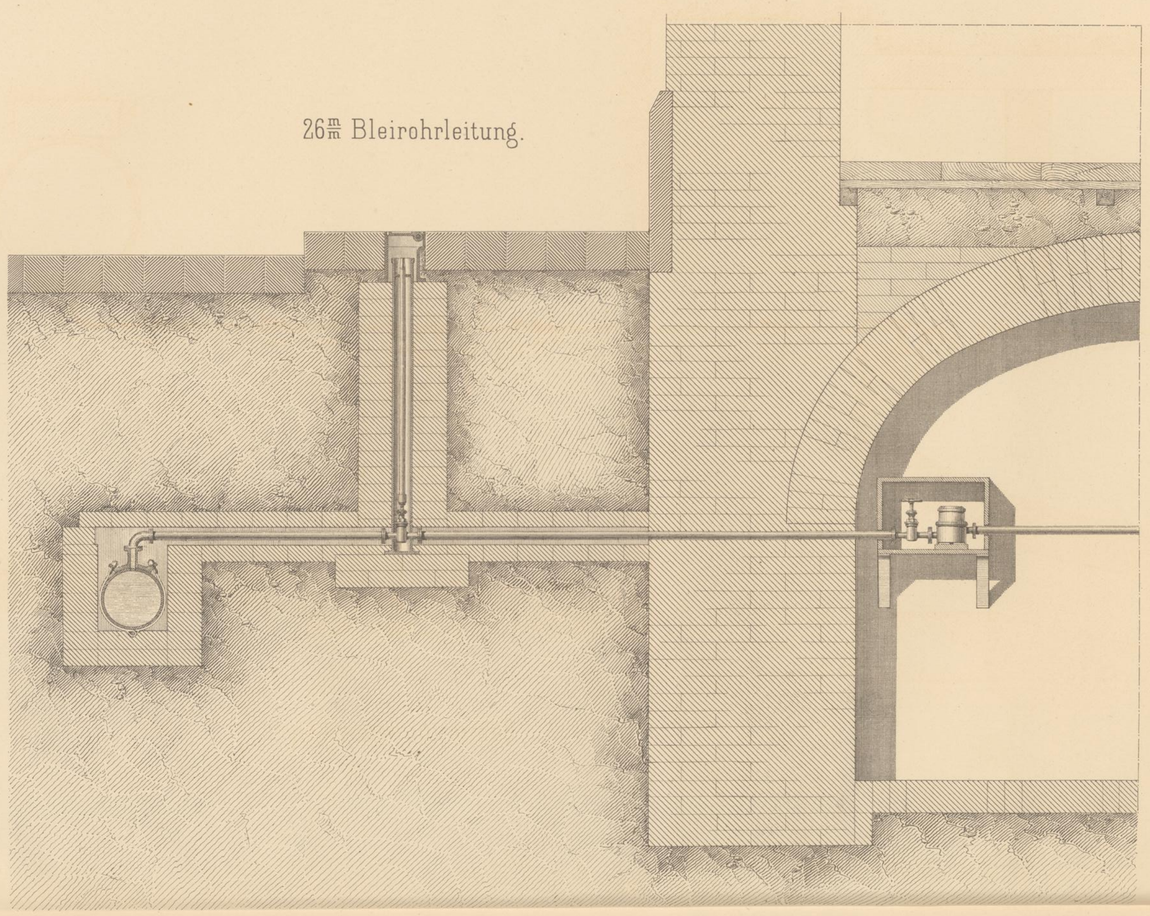


Techn. art. Anst. v. Chr. Höller. Wien.

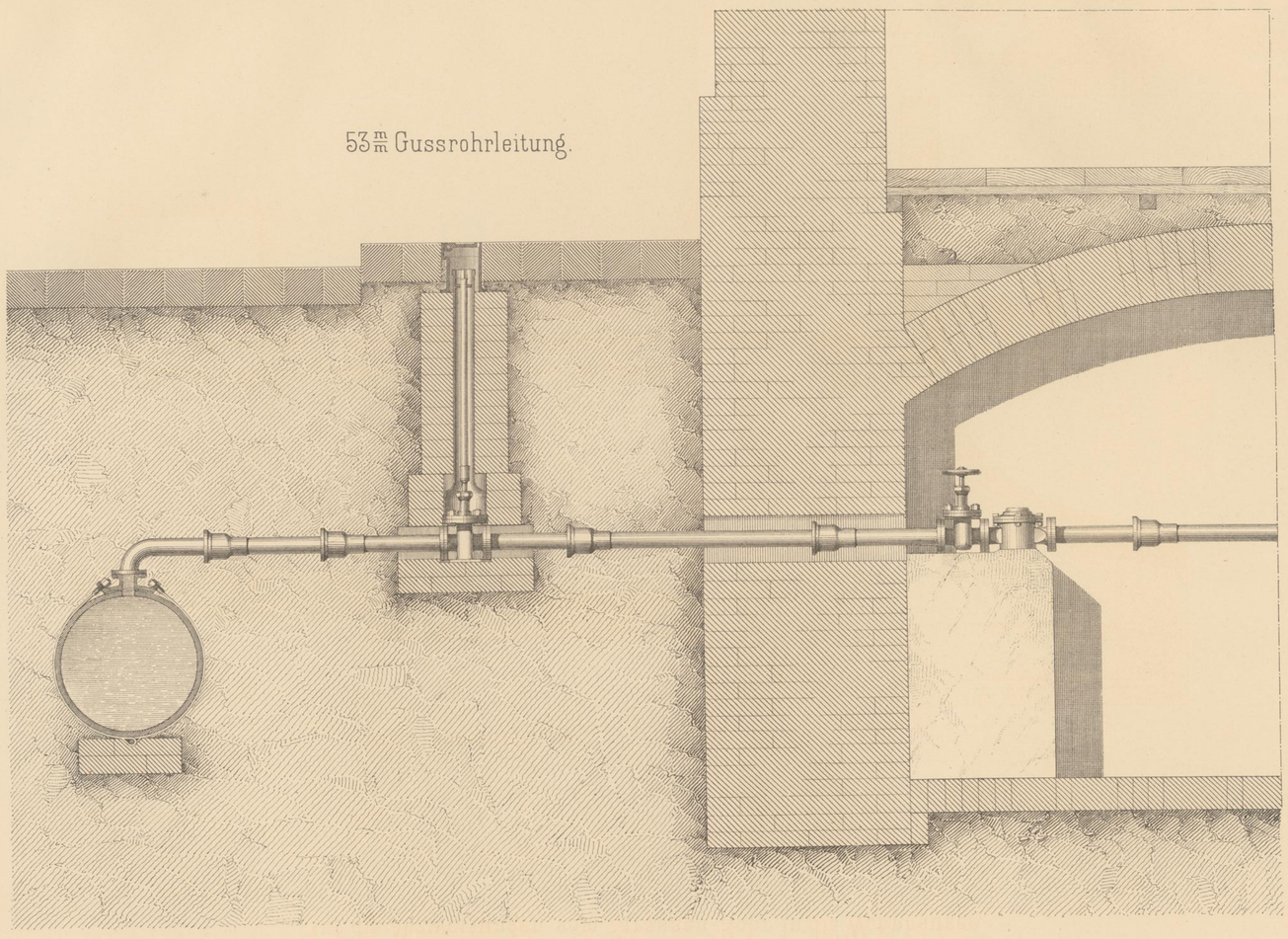
DISPOSITIONS-PLAN

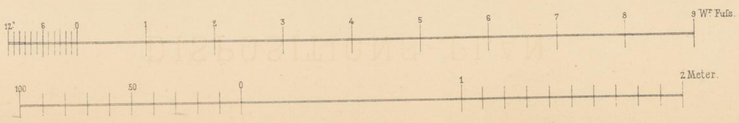
für die Abzweigungen vom Strassen-Rohr in die Wohnhäuser.

26$^{m}_{m}$ Bleirohrleitung.



53$^{m}_{m}$ Gussrohrleitung.



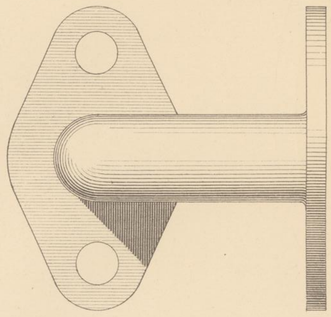


Techn. art. Anst. v. Chr. Hüller. Wien.

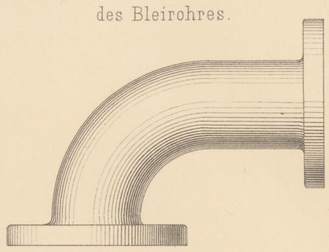
Wiener Hochquellen-Wasserleitung.
II. Abtheilung.

TAFEL **XXXVIII.**

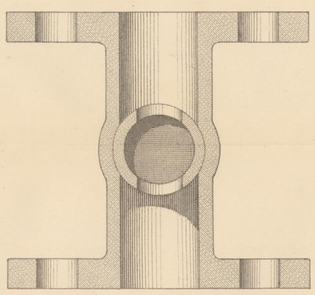
VORRICHTUNG
zum Anbohren der Rohrstränge unter Druck.

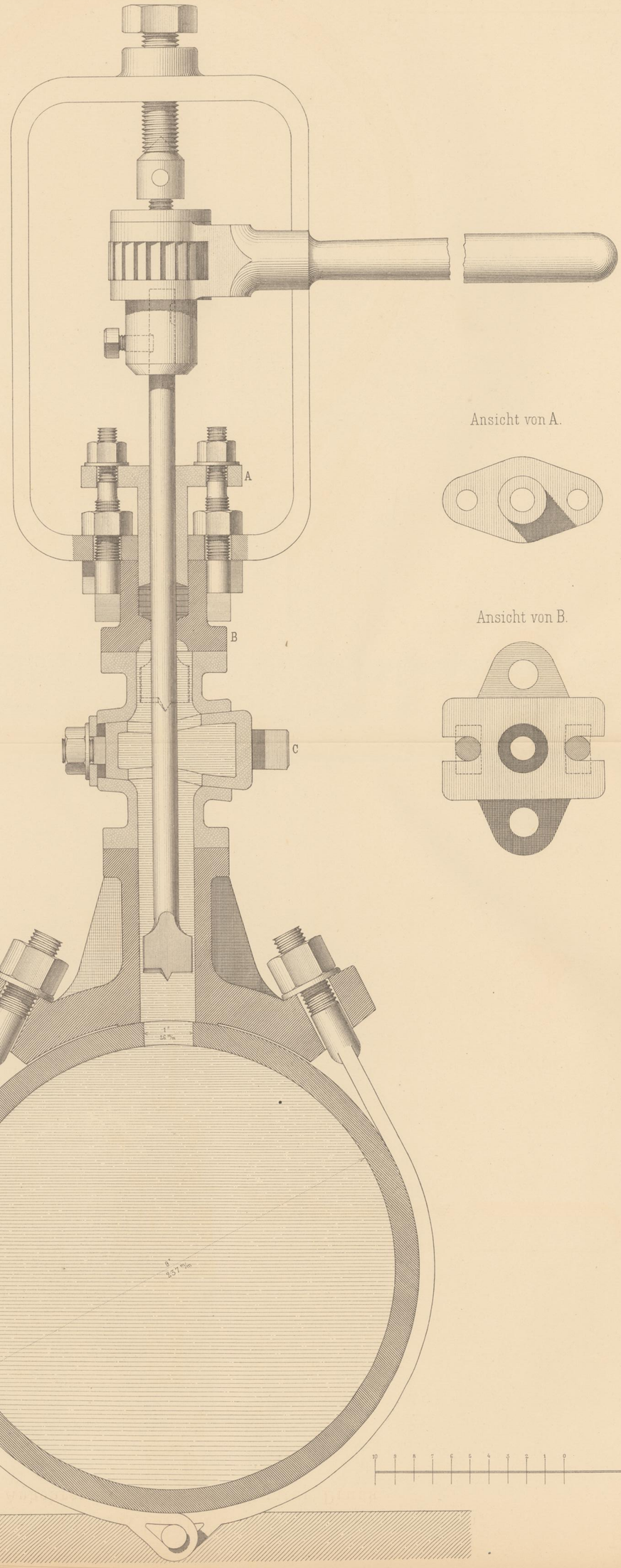


Kniestück zum Anschluſs des Bleirohres.



Absperrhahn C.

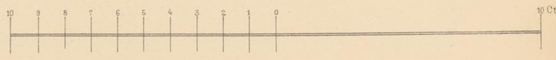




Ansicht von A.

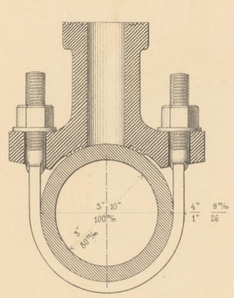
Ansicht von B.

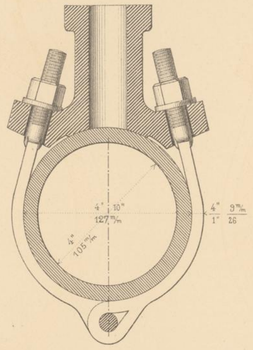


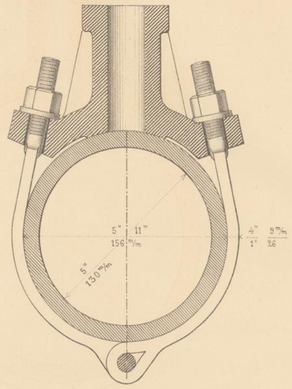


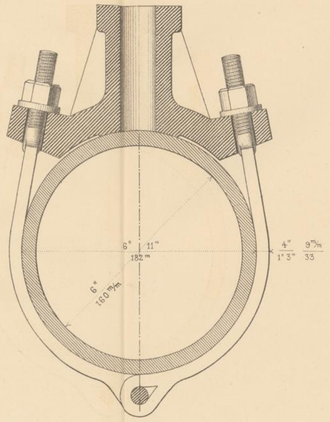
NORMALIEN DER SCHELLENRINGE

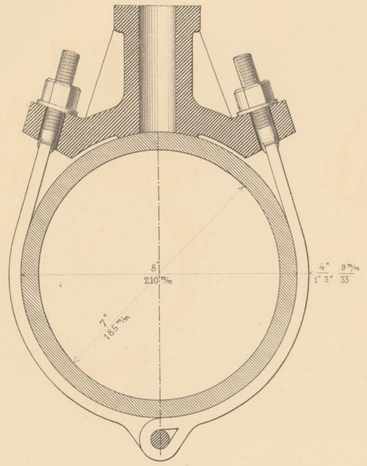
zu den 1 zölligen = 26$^{m}_{m}$ Abzweigungen in die Wohnhäuser.

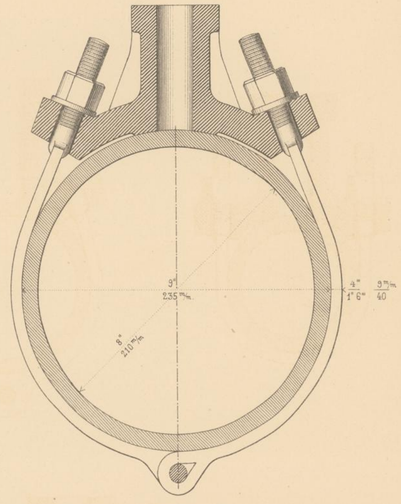


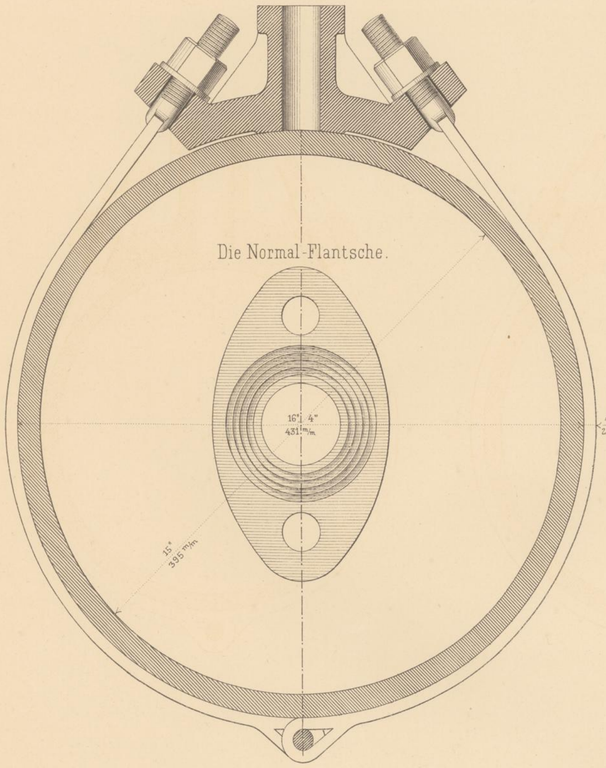


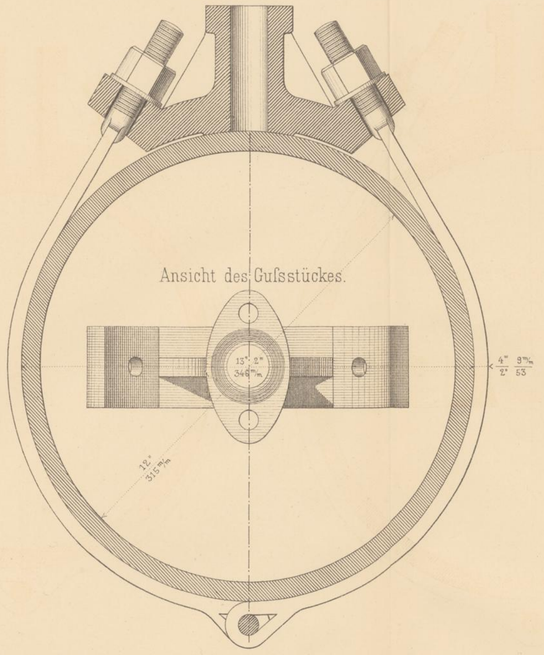


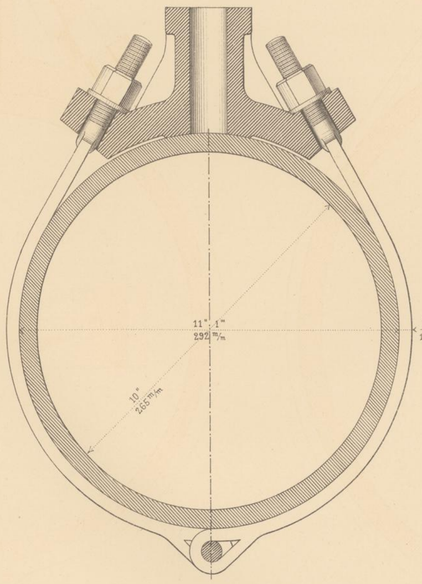


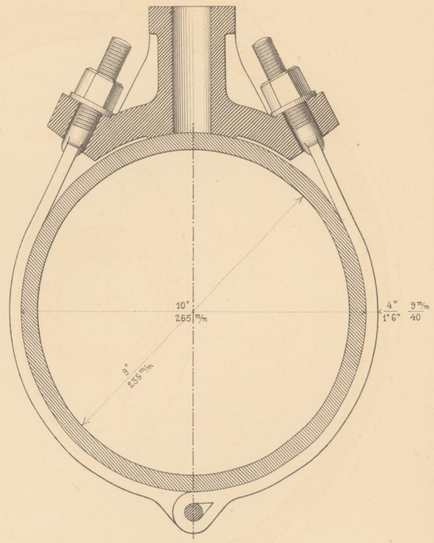


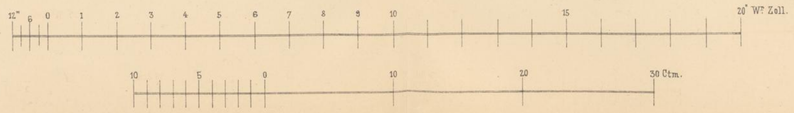










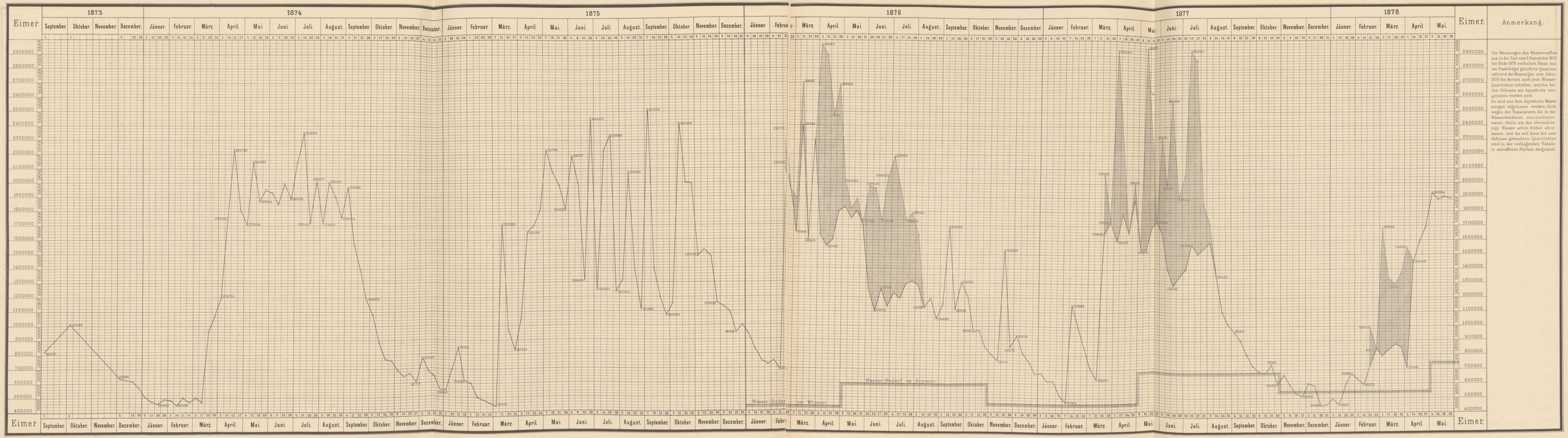


Techn. art. Anst. v. Chr. Höller, Wien.

GRAPHISCHE DARSTELLUNG

DES AM RESERVOIR ROSENHÜGEL GEMESSENEN WASSERZUFLUSSES DER KAISER FRANZ JOSEF HOCHQUELLEN-LEITUNG

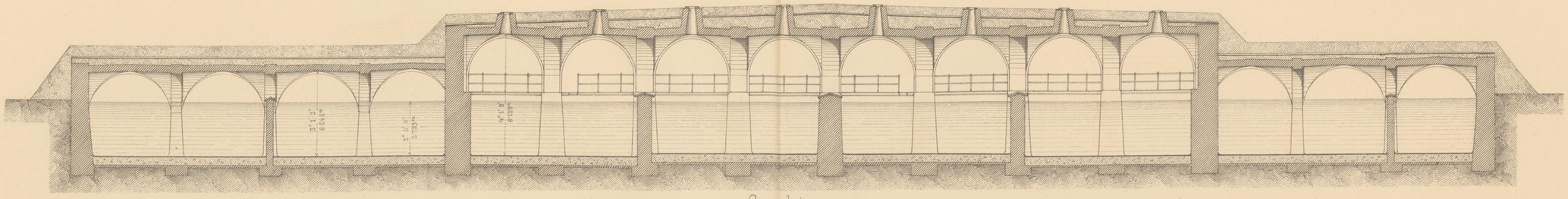
von der Eröffnung des Aquaductes, vom 1. September 1873 bis Ende Mai 1878.



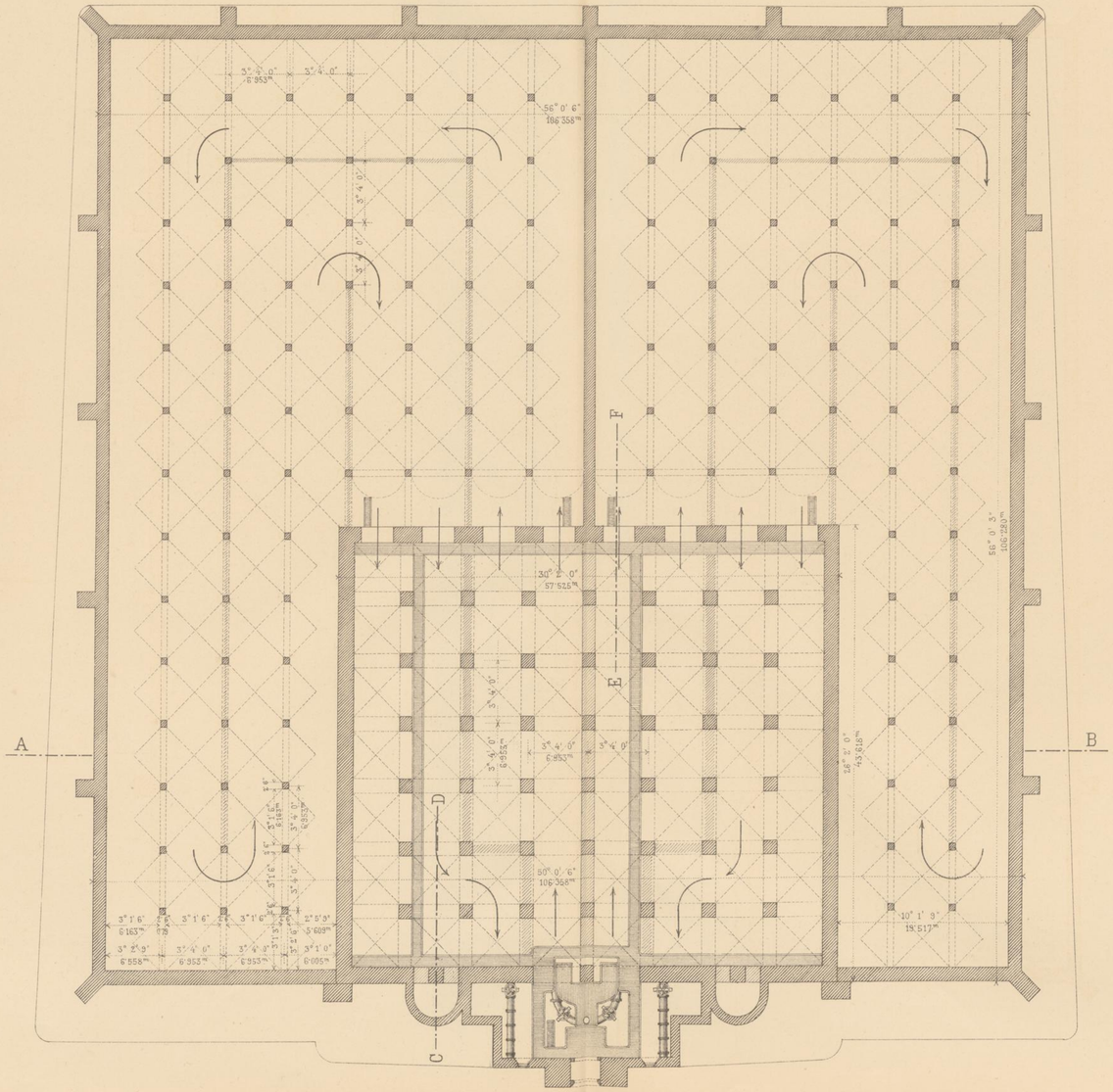
WASSERBEHÄLTER AUF DER SCHMELZ

nach der Vergrösserung.

Schnitt A B.

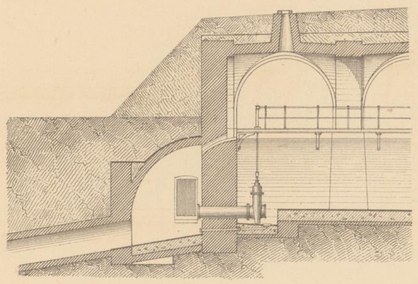


Grundriss.

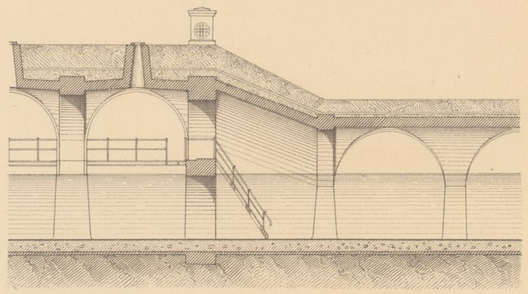


Jnhalt des alten Behälters — 234800 Cub. Fufs.
Jnhalt des Zubaues — 930931 " "
Gesammt-Fassungsraum — 1165731 " "
oder 36808·69 Cub. Meter.

Schnitt. C D.



Schnitt. F F.





Maßstab für die Profile.





Maßstab für den Grundriß.

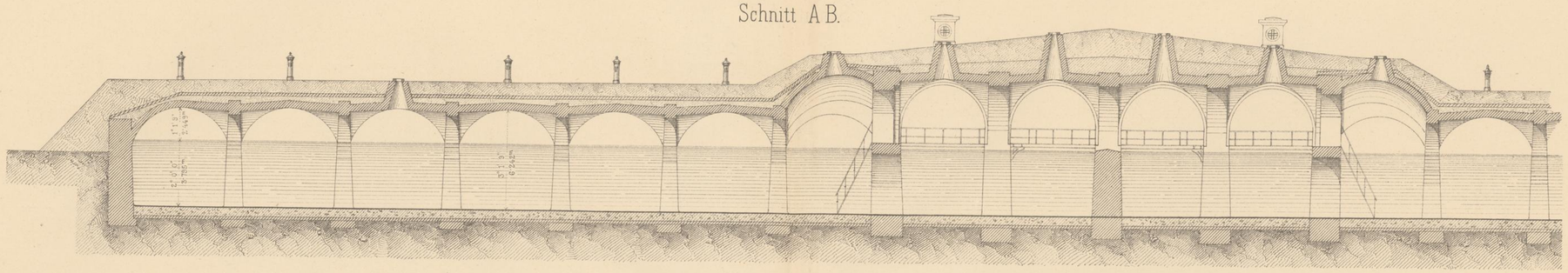


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WASSERBEHÄLTER AM ROSENHÜGEL

nach der Vergrösserung.

Schnitt A B.

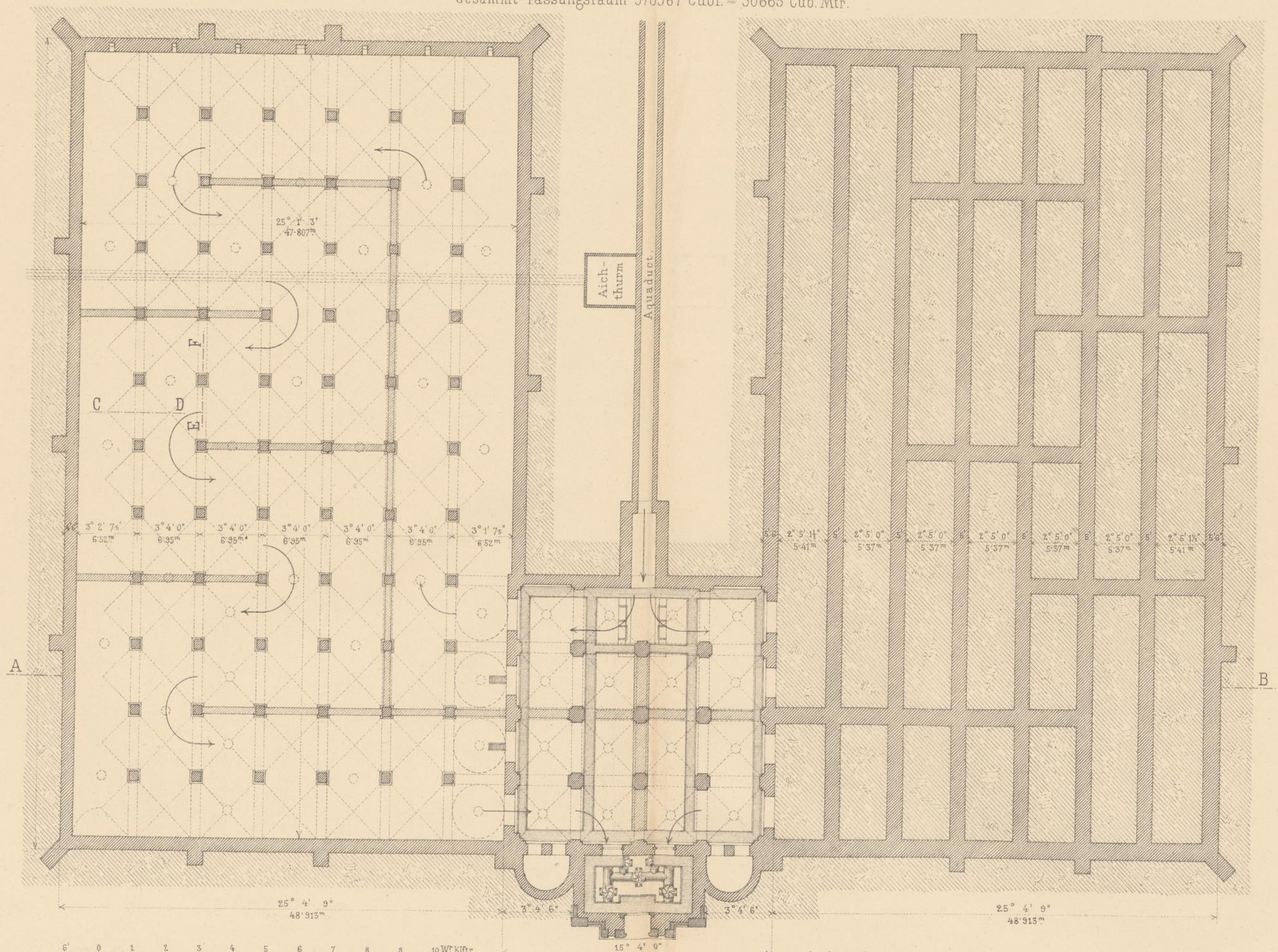


Grundrifs

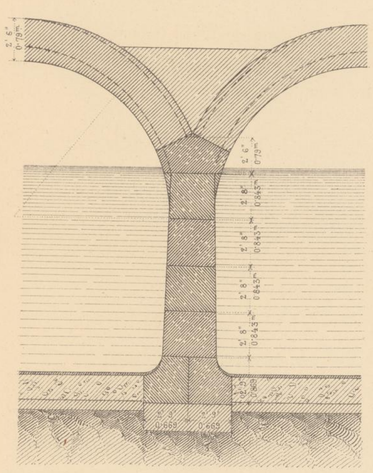
Eben der Erde.

des Fundamentes.

Gesammt-Fassungsraum 970967 Cubf. = 30665 Cub. Mtr.



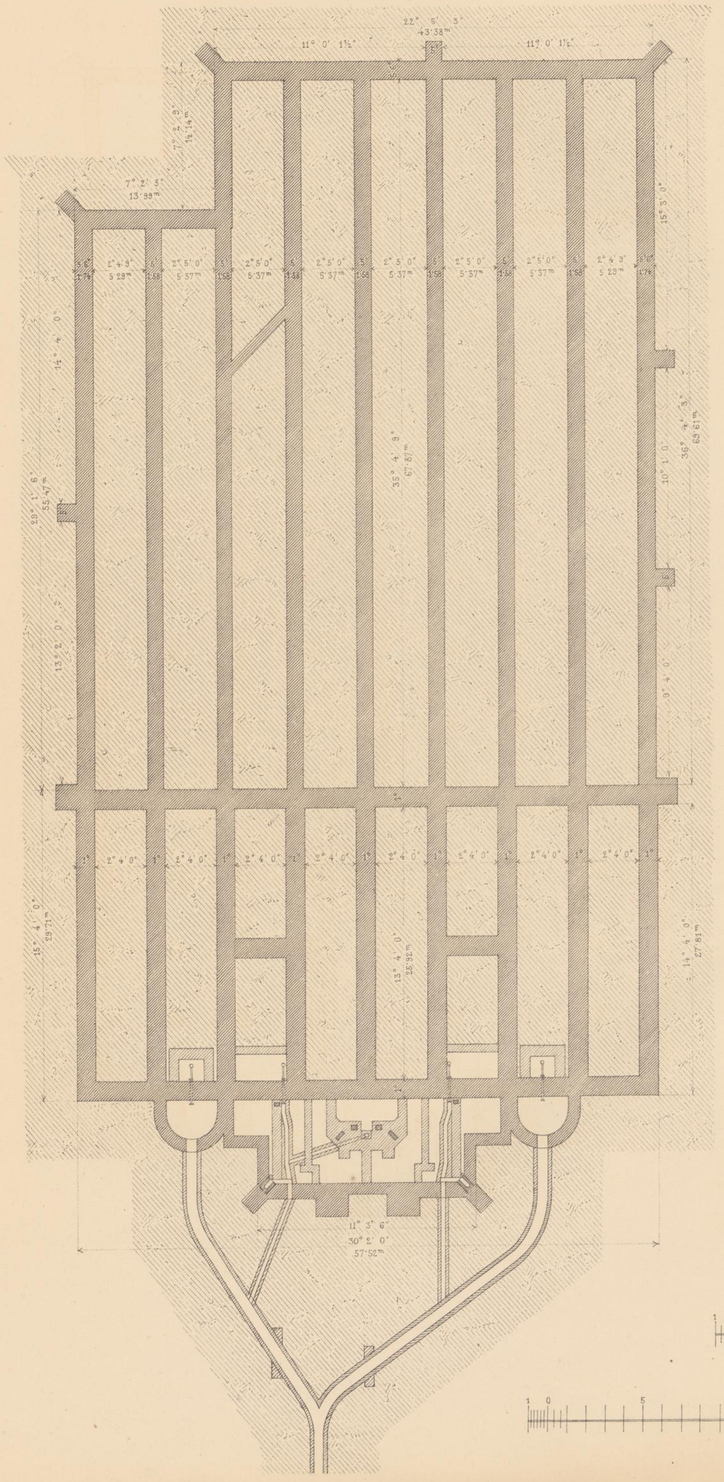
Schnitt nach C D.


2' 6"
0·73m
2' 6"
0·73m
2' 8"
0·843m
2' 8"
0·843m
2' 8"
0·843m
2' 8"
0·843m
2' 8"
0·843m
2' 6"
0·73m
2' 6"
0·73m
2' 6"
0·73

WASSERBEHÄLTER AM WIENERBERG

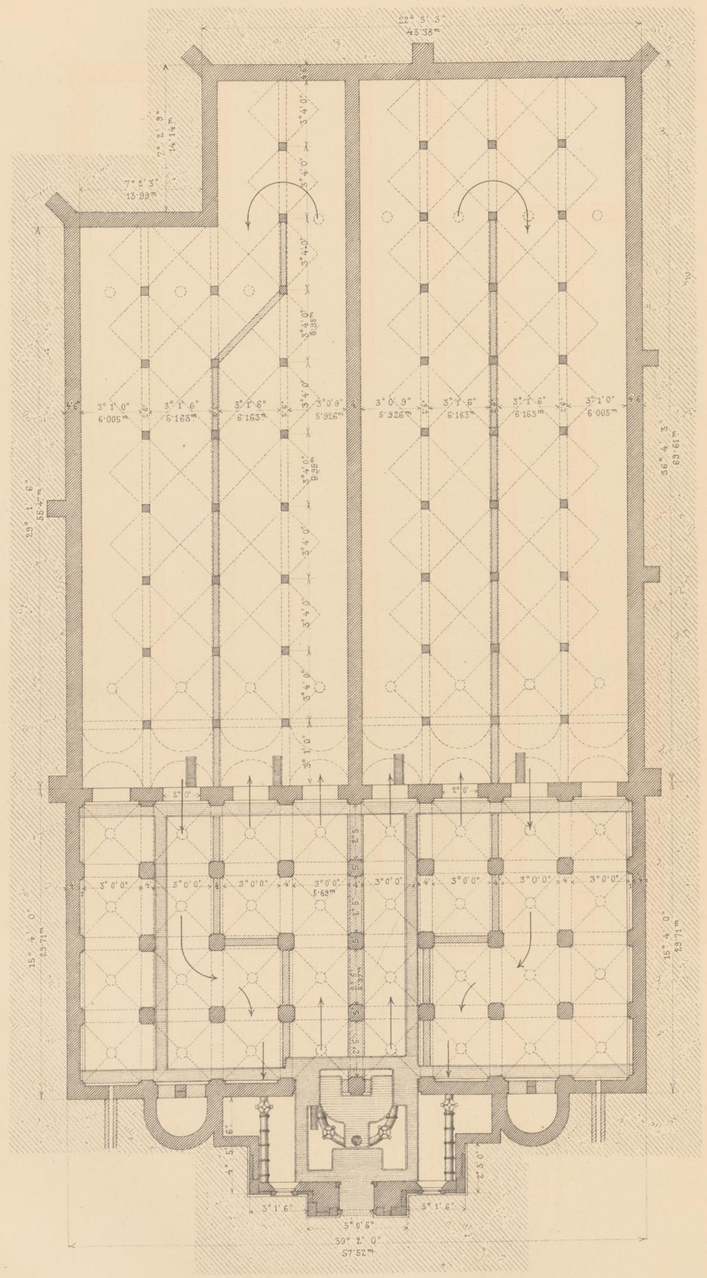
nach der Vergrösserung.

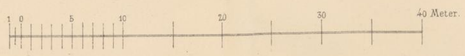
Grundriss des Fundamentes.



Jnhalt des alten Behälters = 154400 Cub. Fufs.
Jnhalt des Zubaues = ... 397499 . " "
Gesammt-Fassungsraum = ... 551899 " "
oder 17428 Cub. Meter.

Grundriss Eben der Erde.



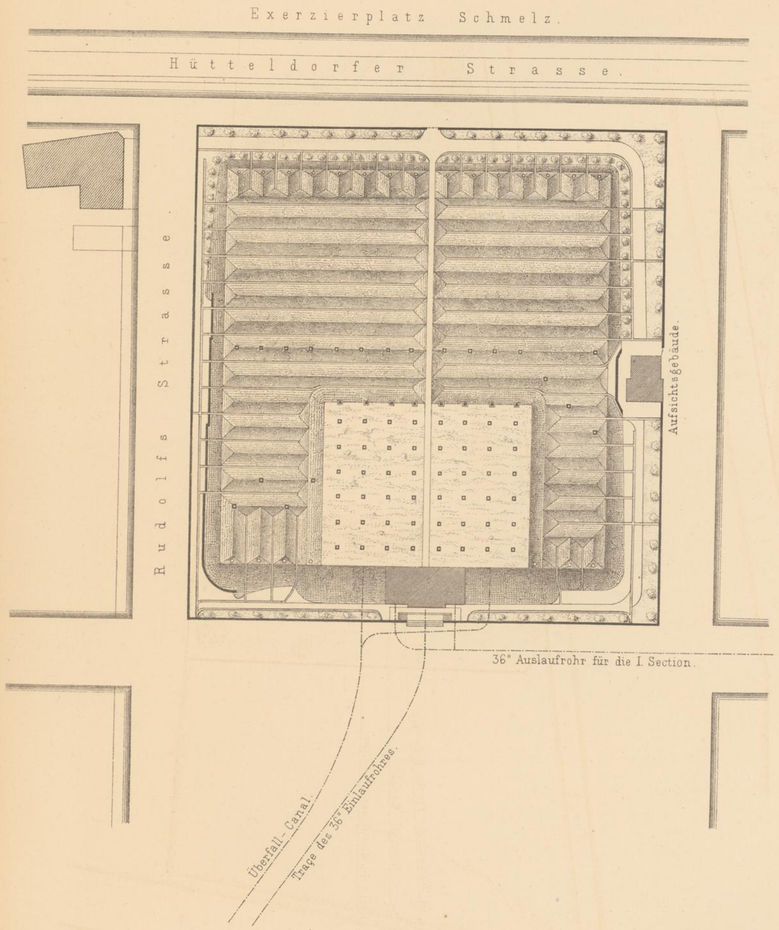




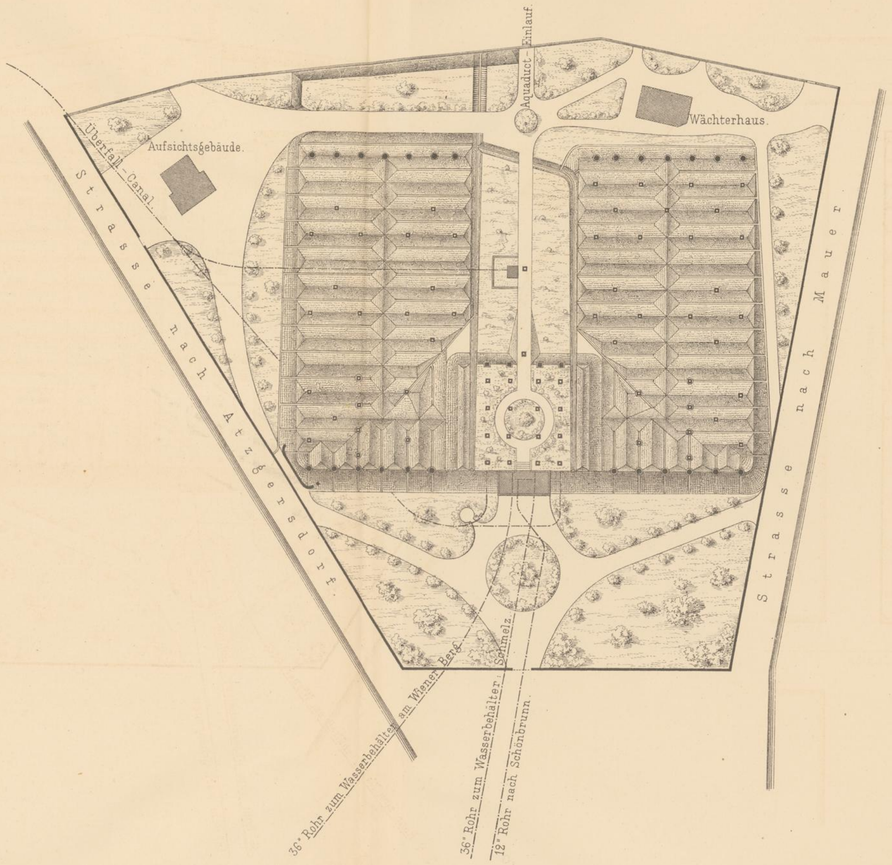
SITUATION

der Wasserbehälter, welche eine Vergrößerung erhalten haben, um den Fassungsraum für die Maximalleistung zu erhalten.

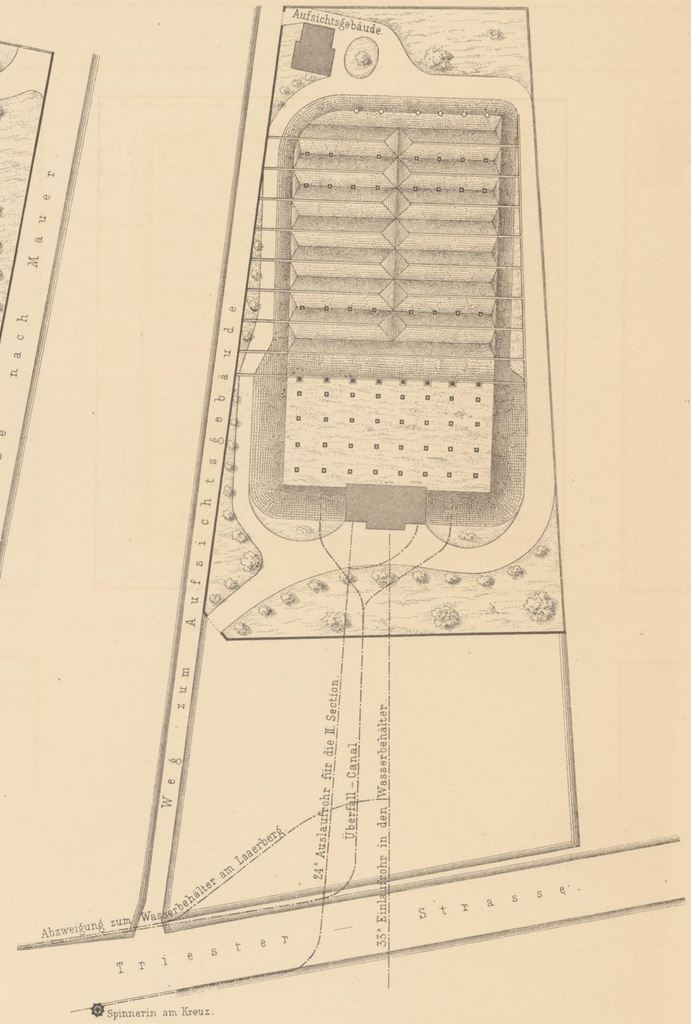
Auf der Schmelz.

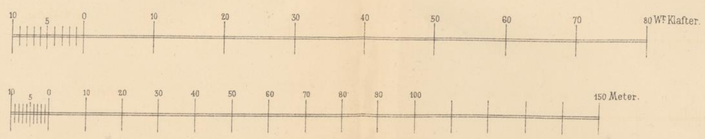


Am Rosenhügel.



Am Wiener-Berg.





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A