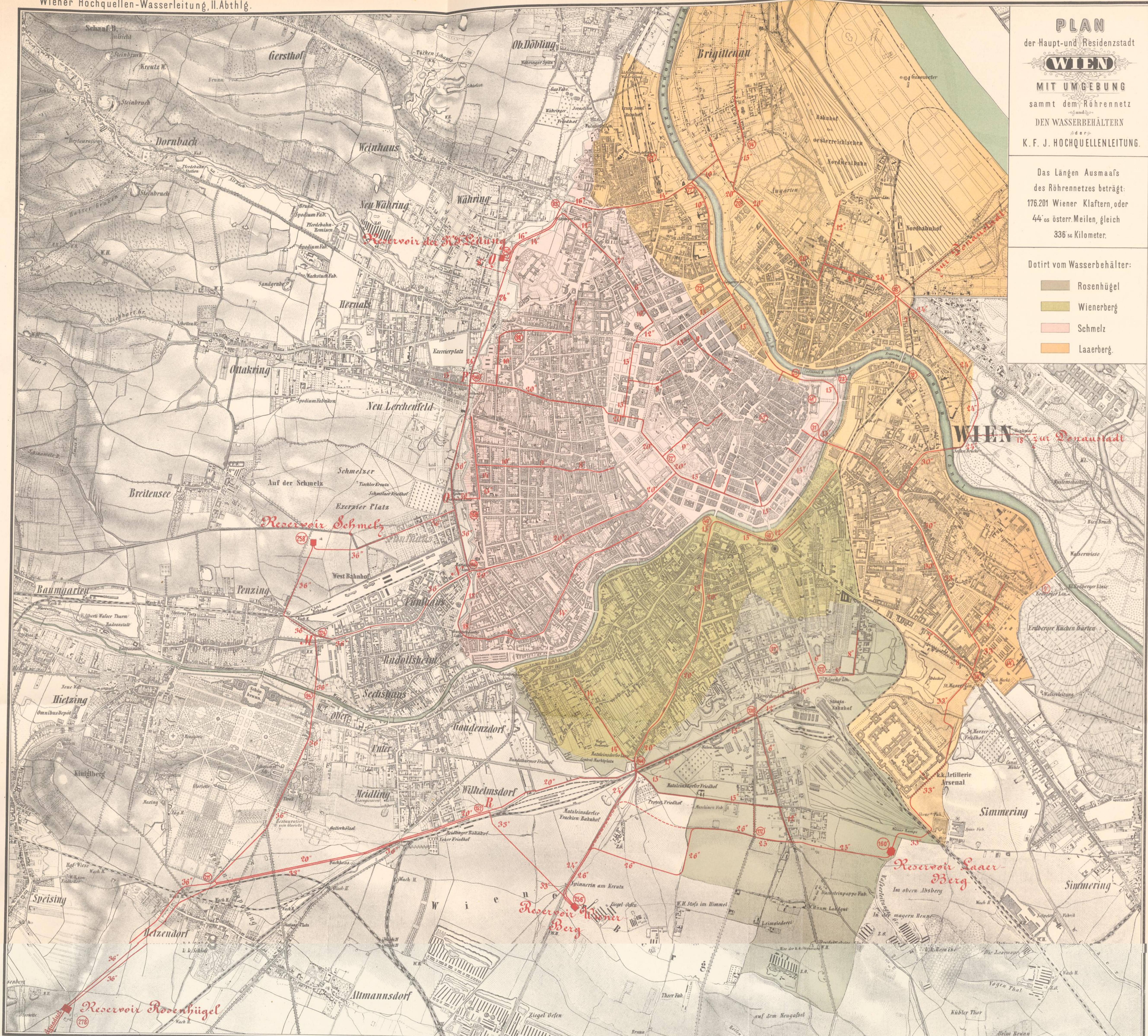


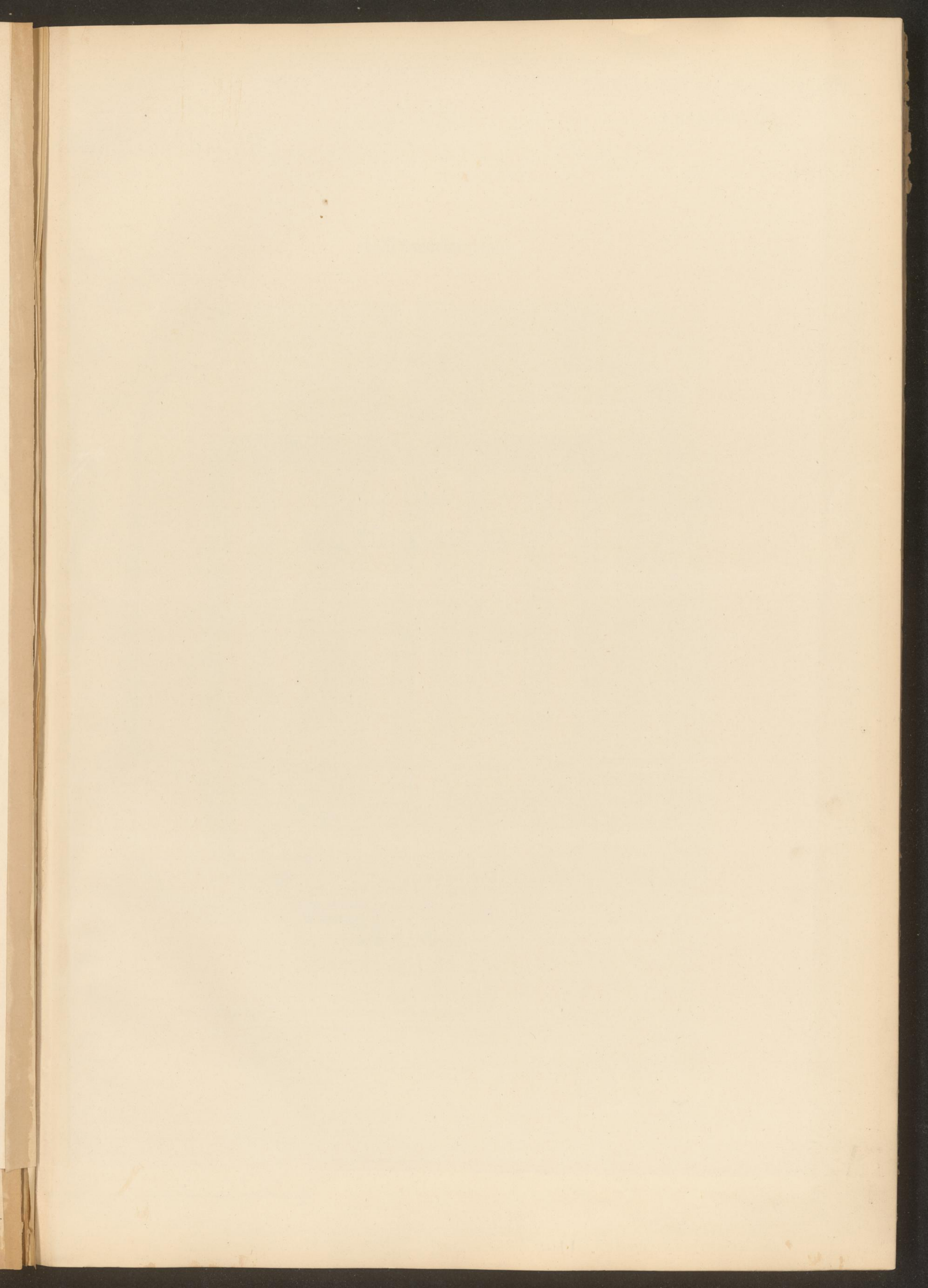
PLAN
 der Haupt- und Residenzstadt
WIEN
 MIT UMGEBUNG
 sammt dem Röhrennetz
 DEN WASSERBEHÄLTERN
 K. F. J. HOCHQUELLENLEITUNG.

Das Längen Ausmaafs
 des Röhrennetzes beträgt:
 176.201 Wiener Klaftern, oder
 44 1/2 österr. Meilen, gleich
 33 1/2 Kilometer.

- Dotirt vom Wasserbehälter:
- Rosenhügel
 - Wienerberg
 - Schmelz
 - Laaerberg.

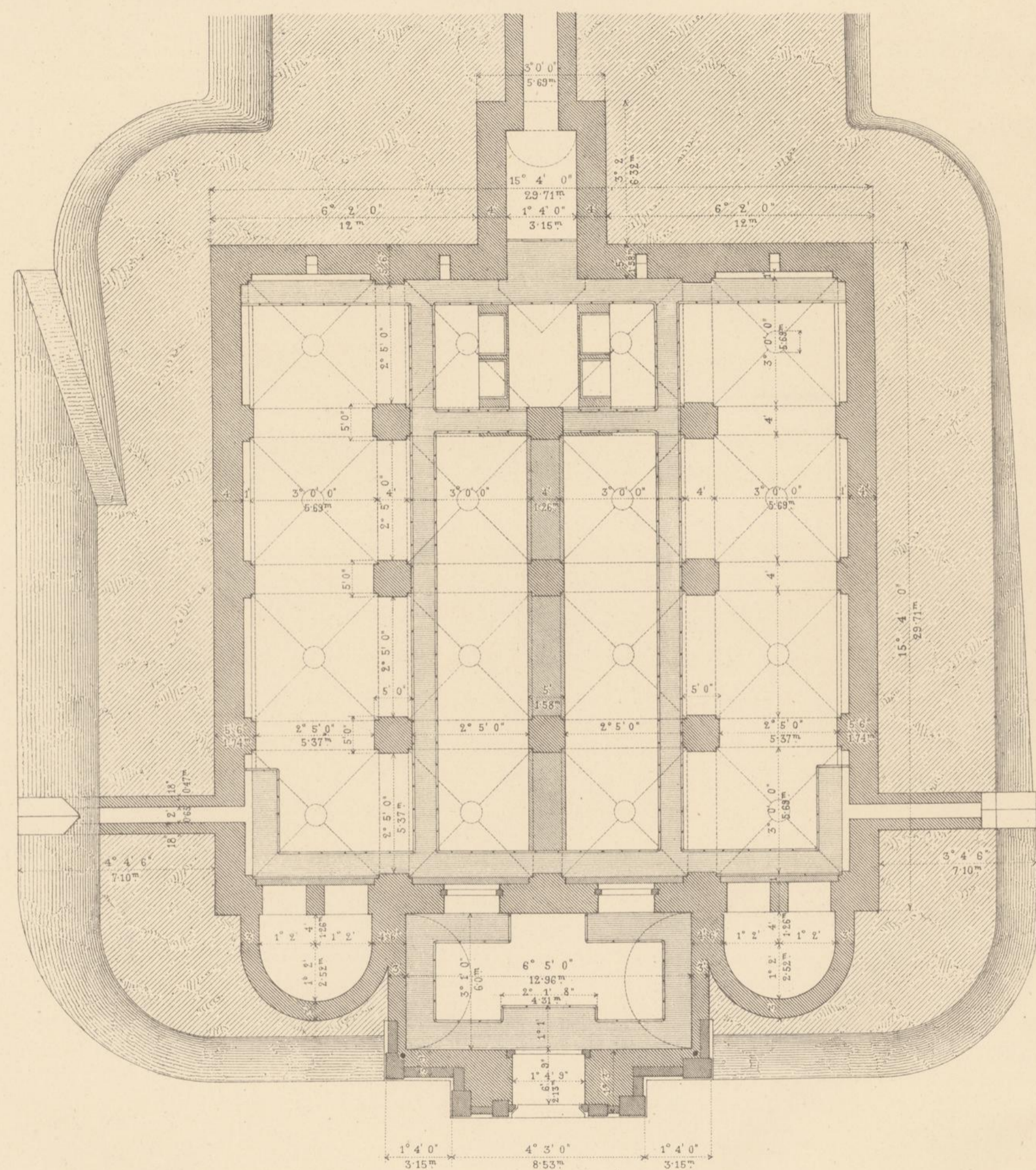


1850

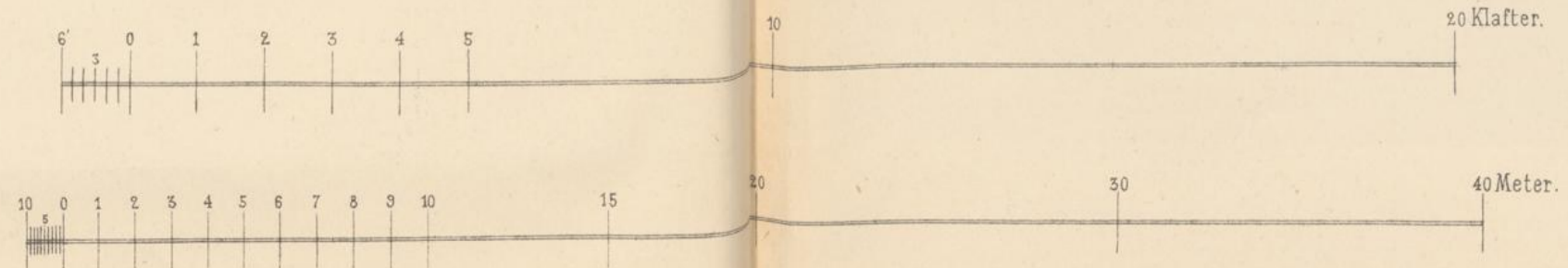
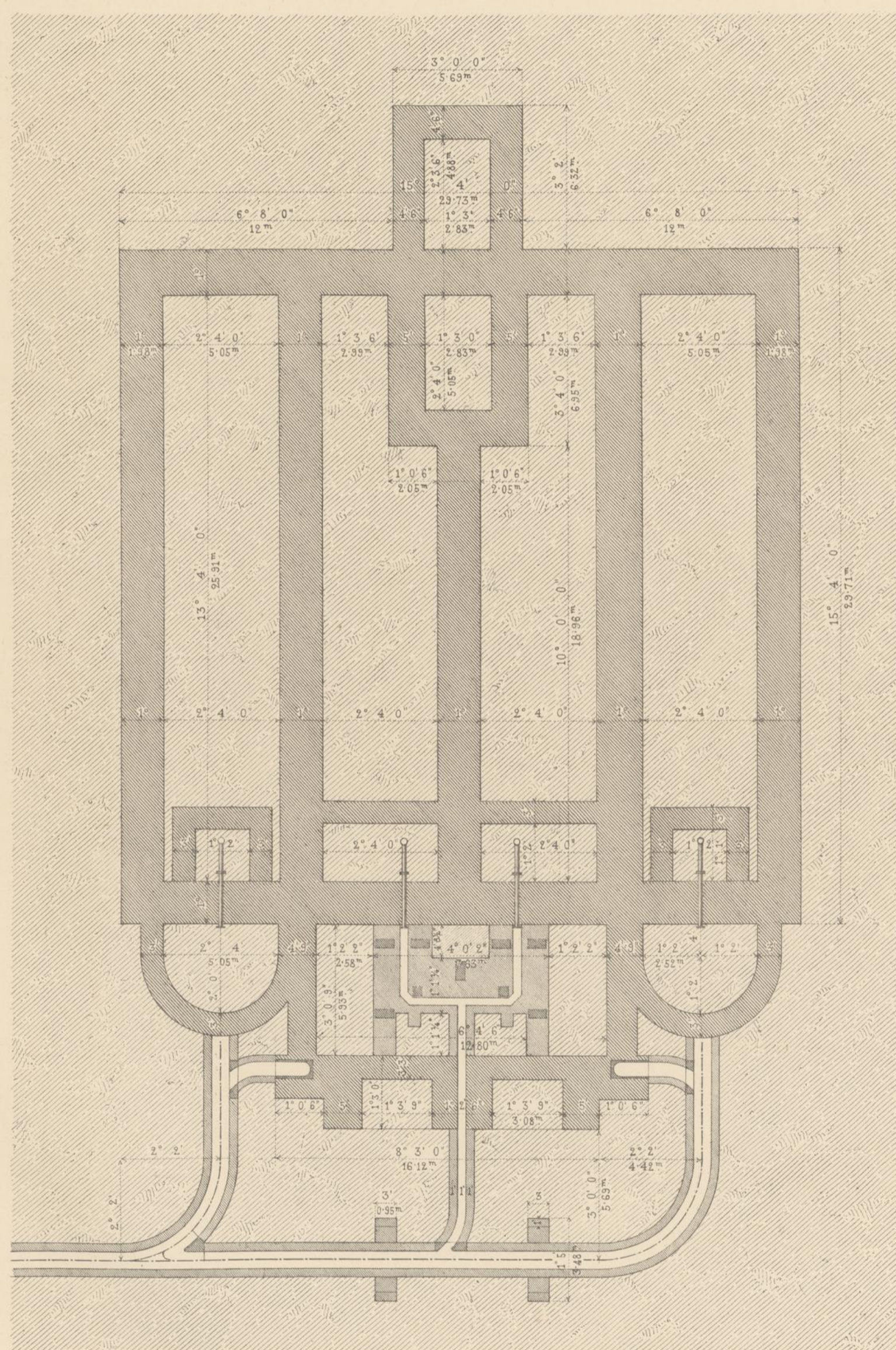


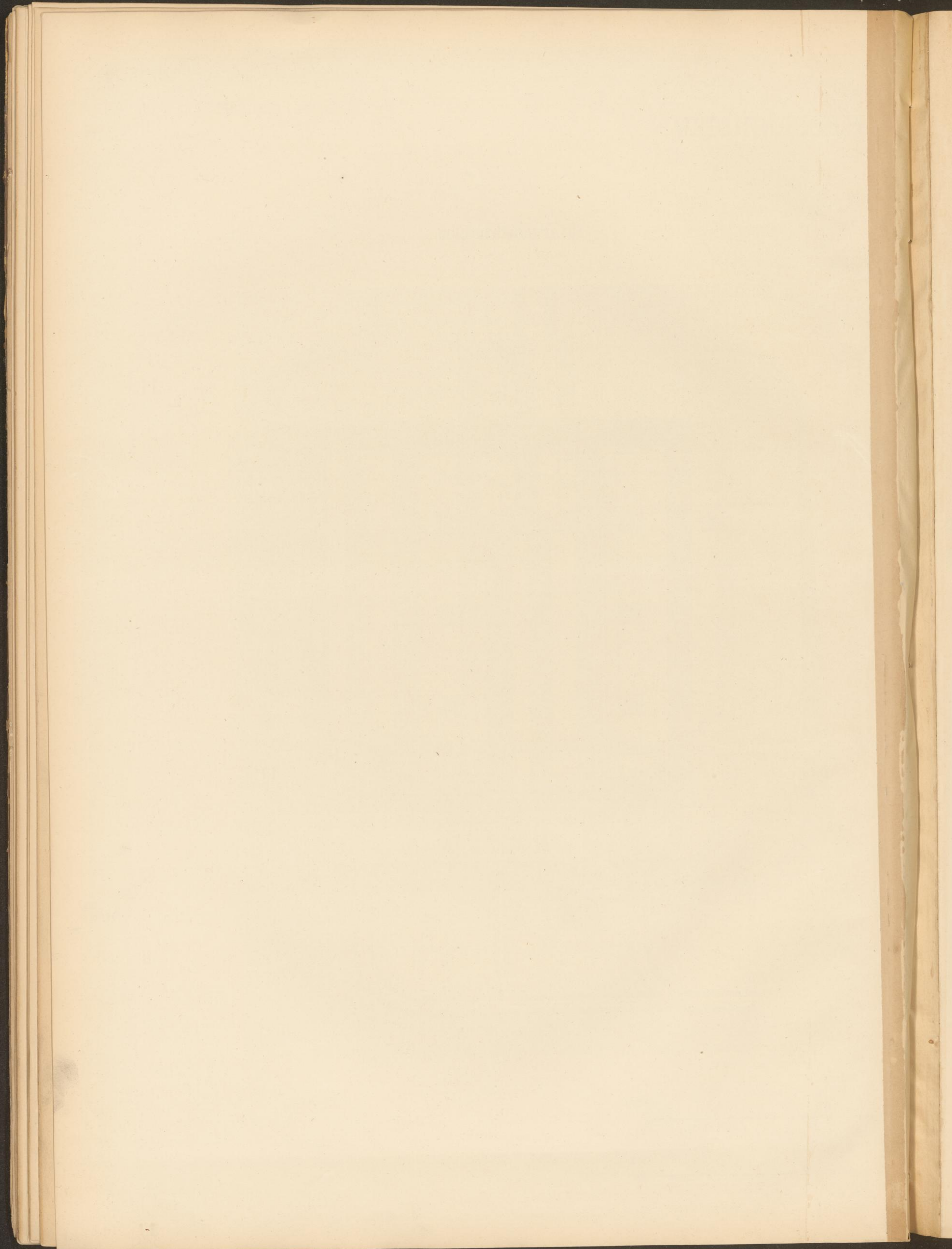
WASSERBEHÄLTER AM ROSENHÜGEL.

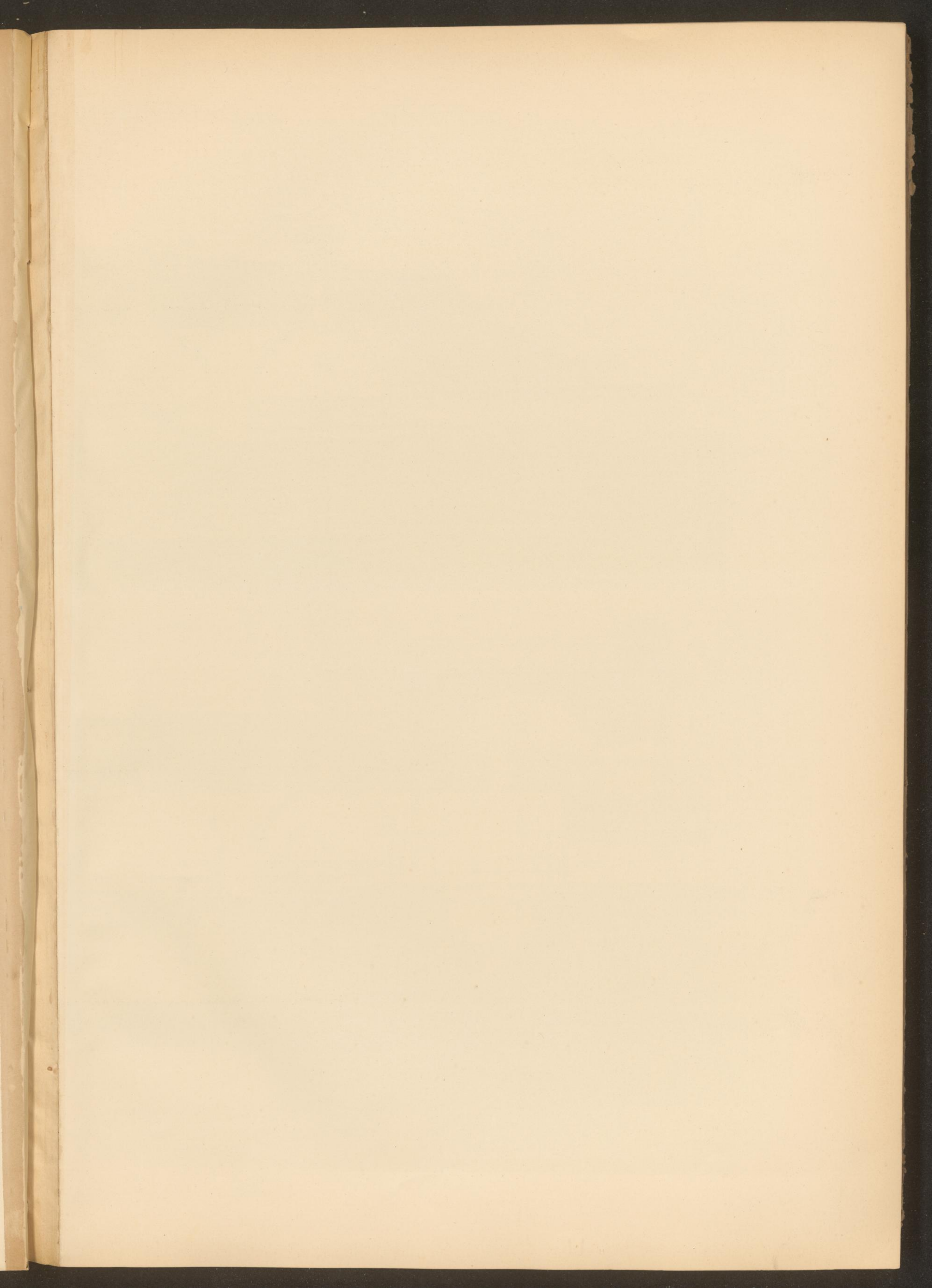
Ebener Erde.



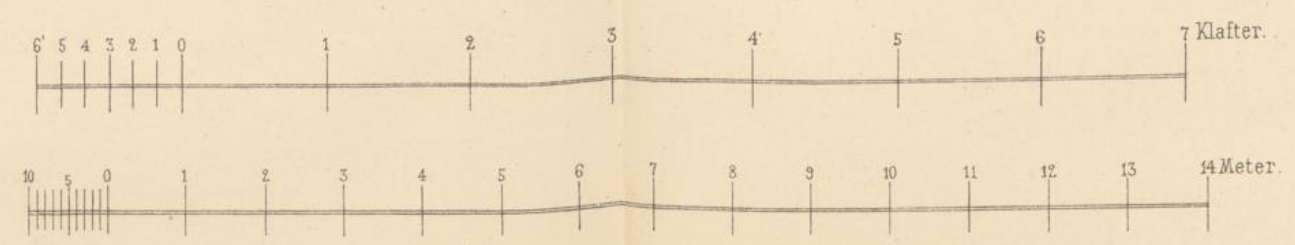
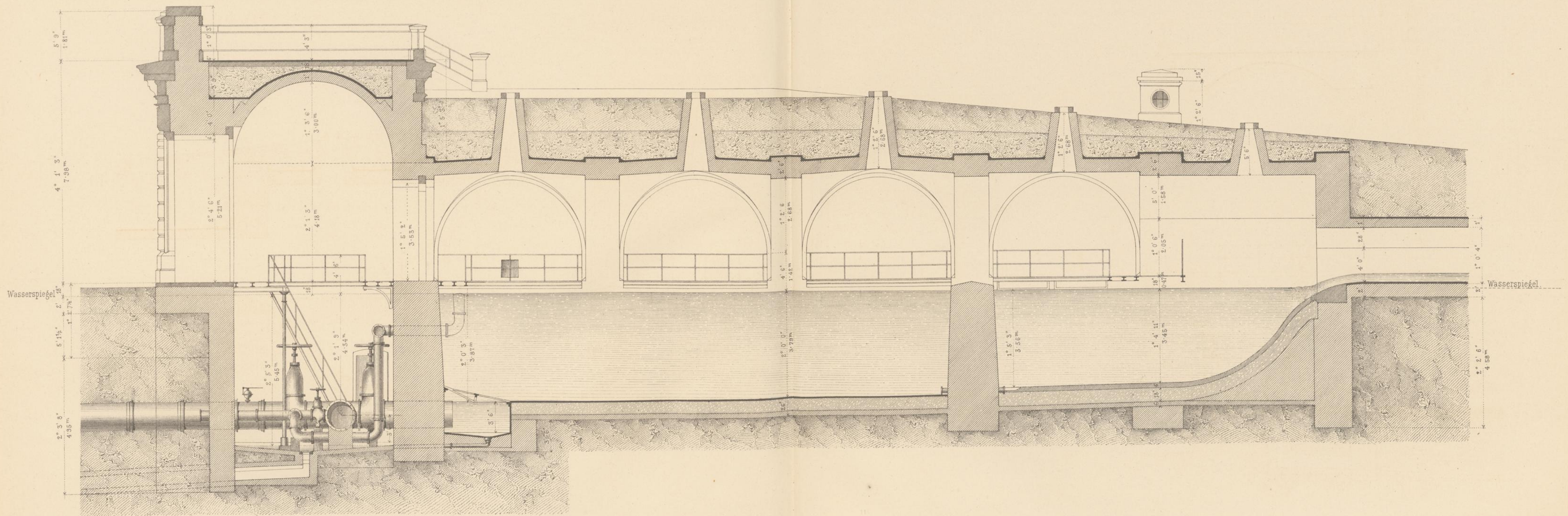
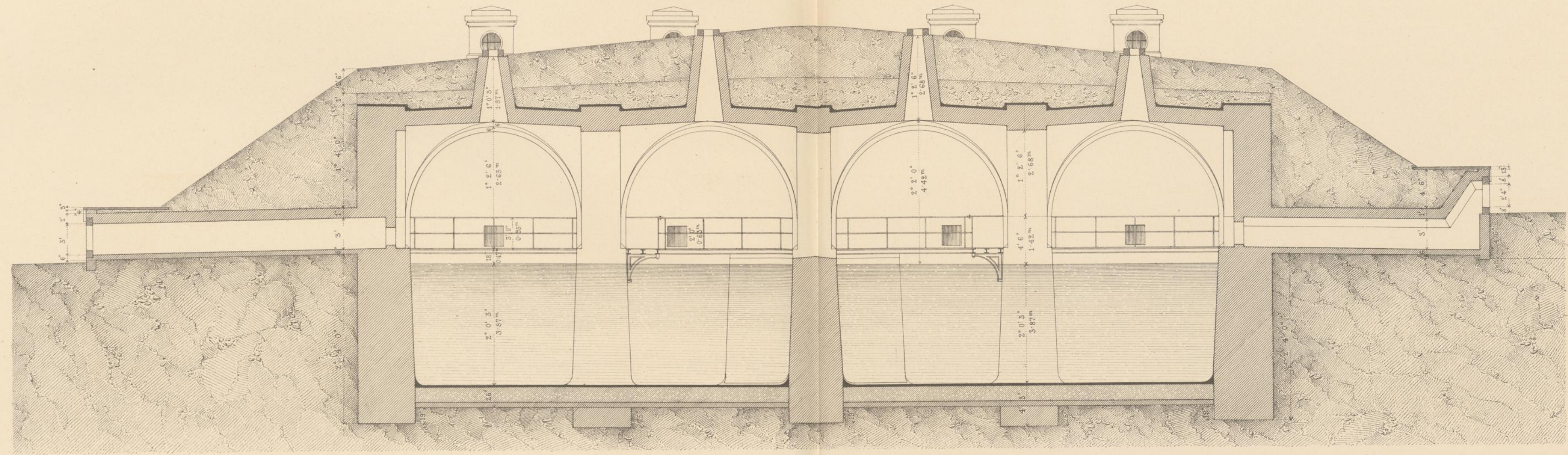
Fundamentplan.

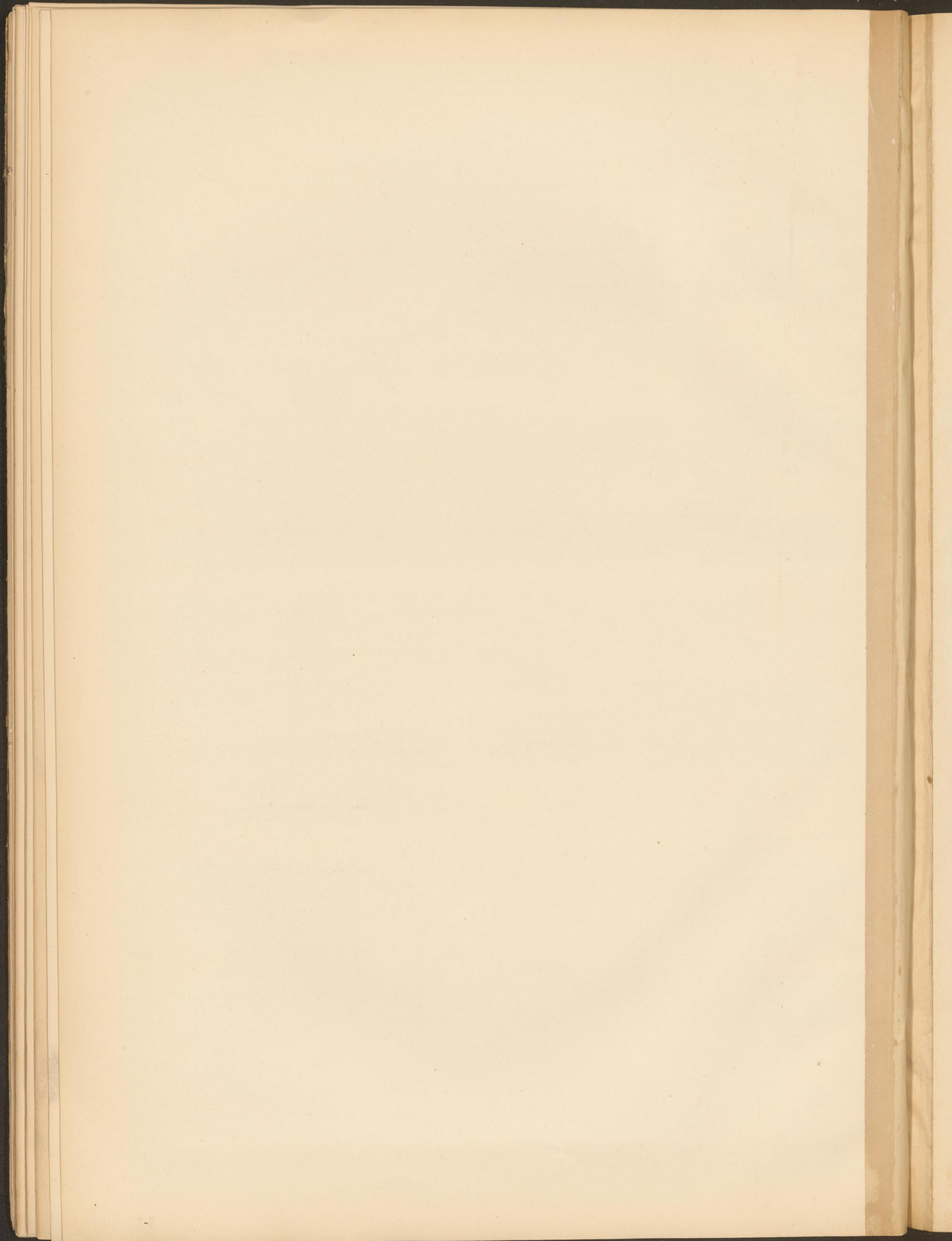


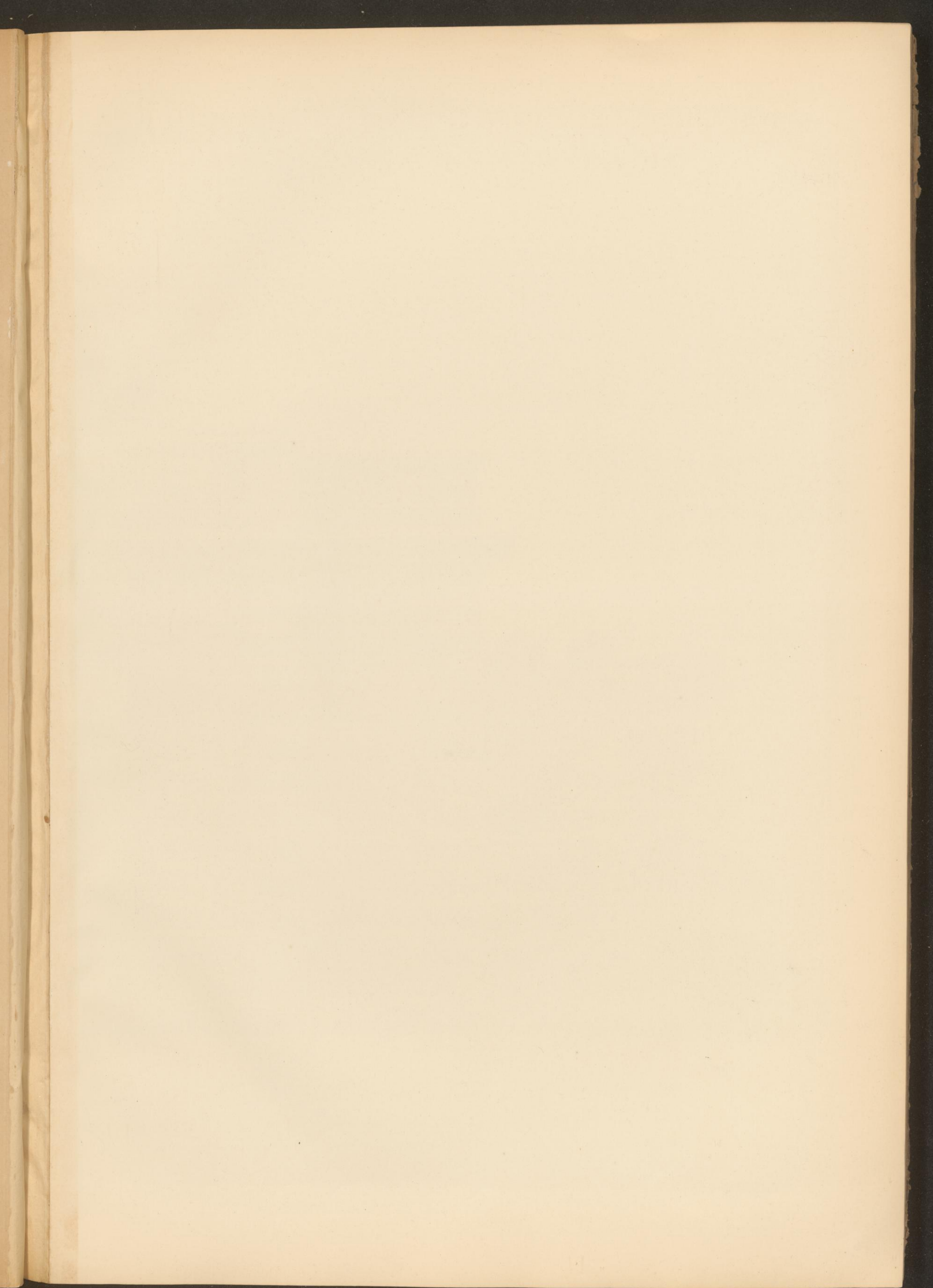




WASSERBEHÄLTER AM ROSENHÜGEL.



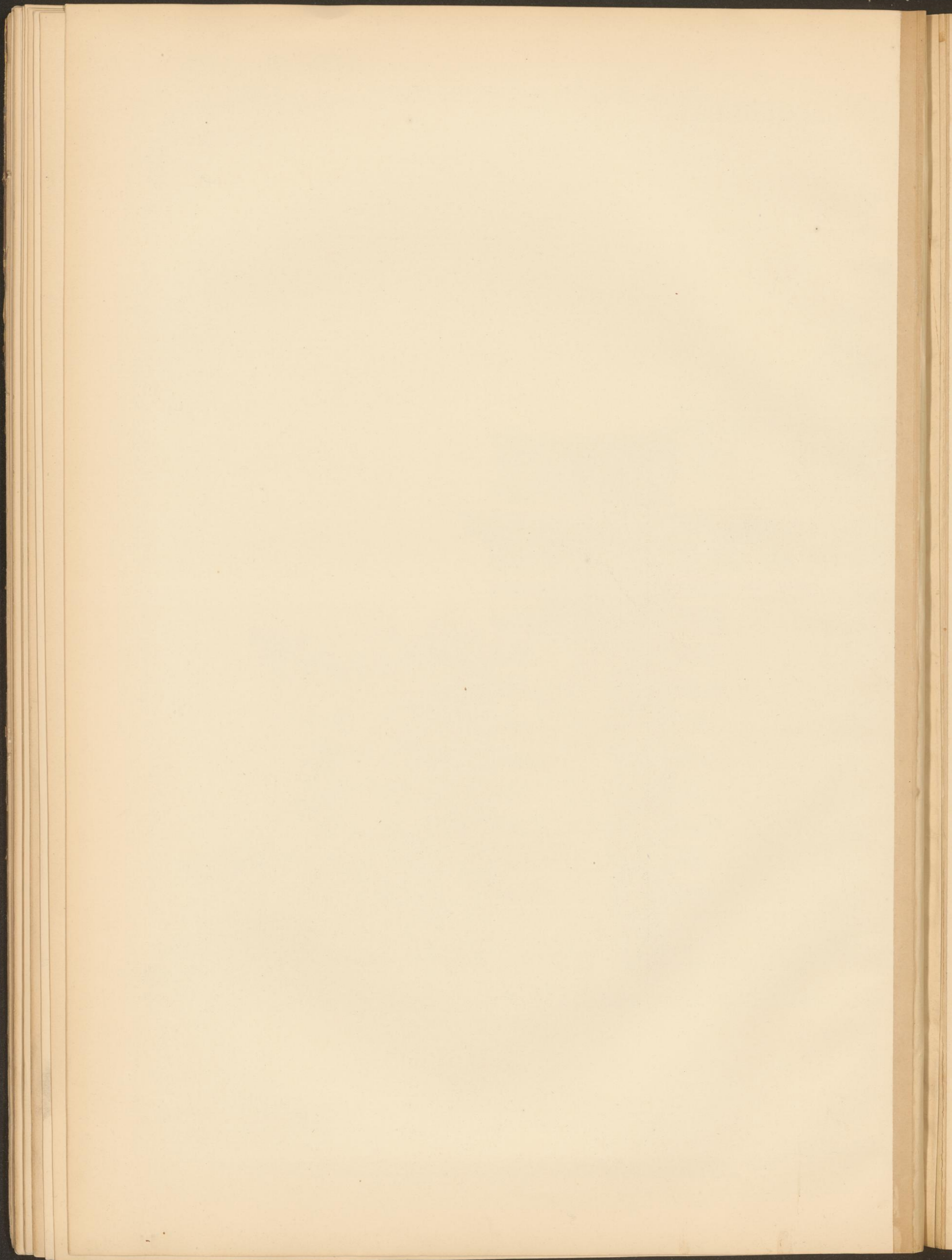


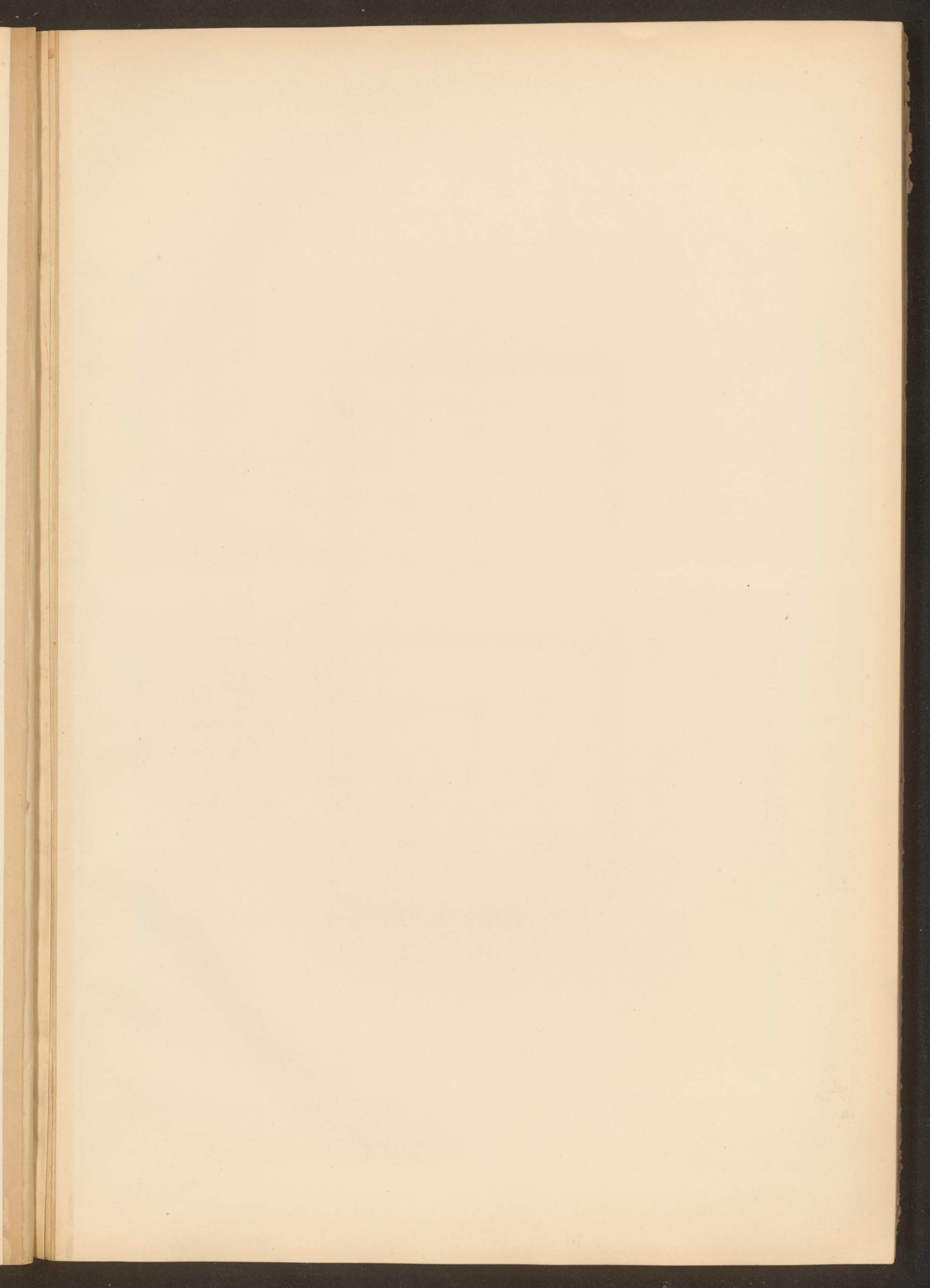


WASSERBEHÄLTER AM ROSENHÜGEL.

Façade.

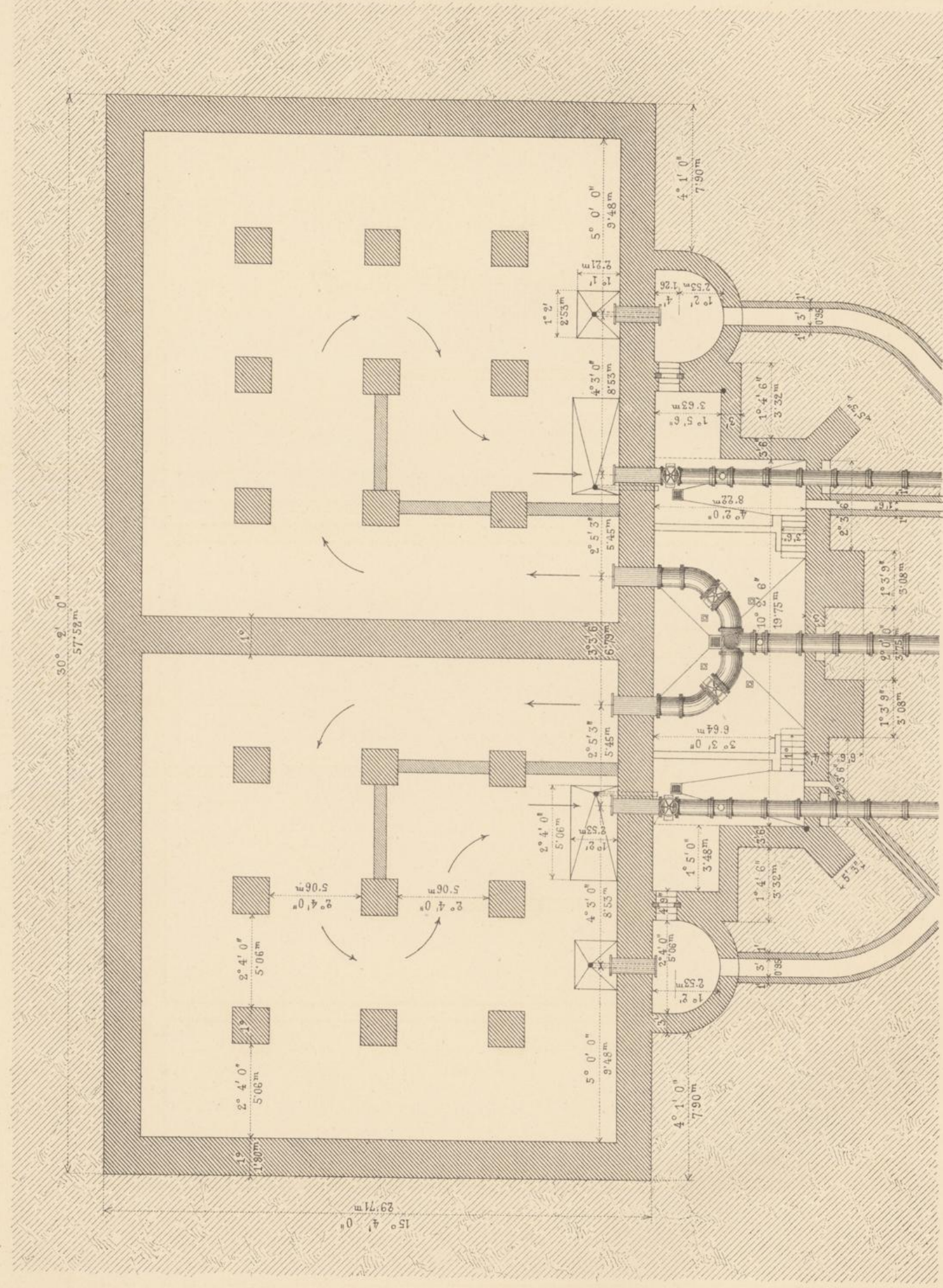






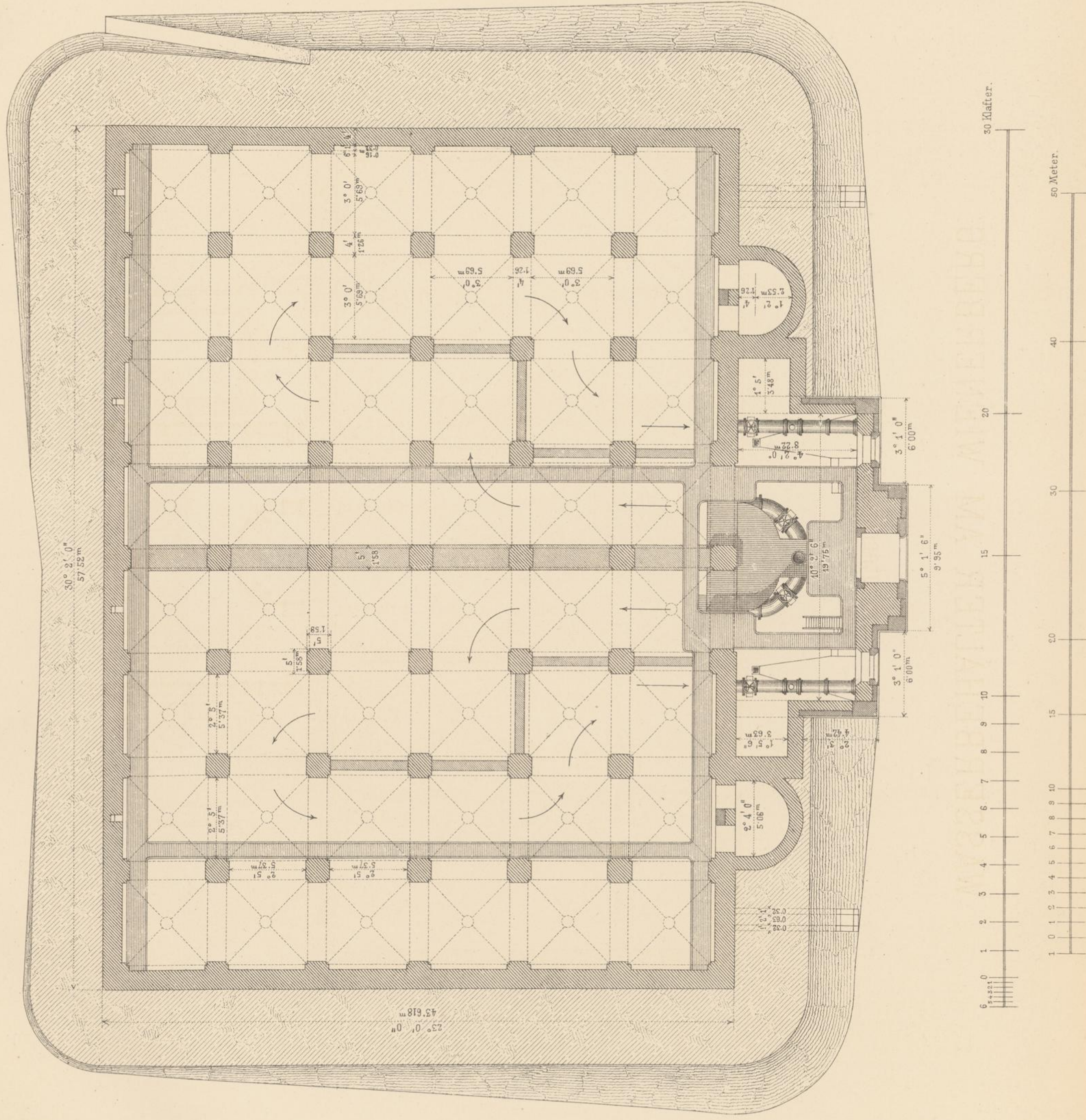
WASSERBEHÄLTER AM WIENERBERG.

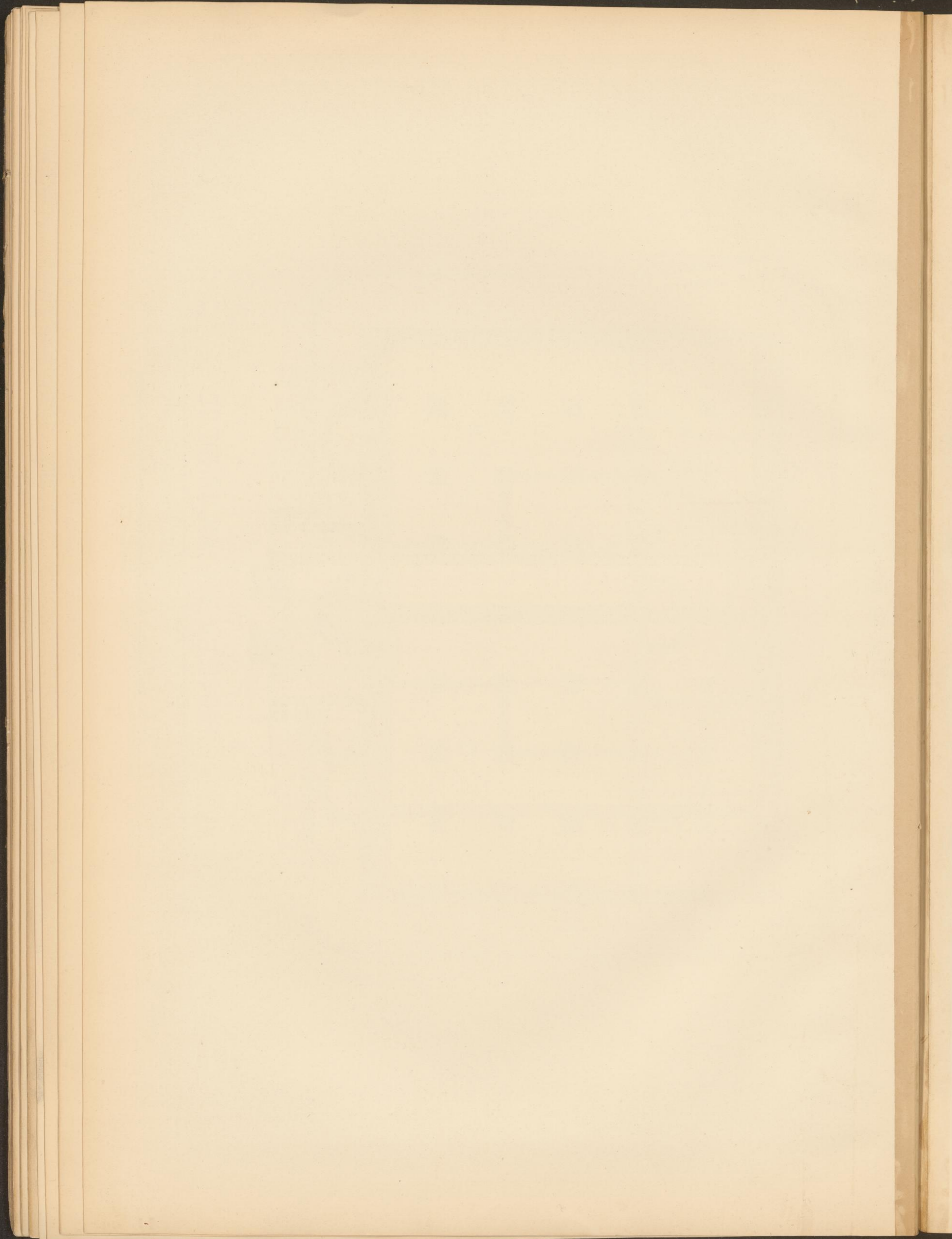
Souterrain.

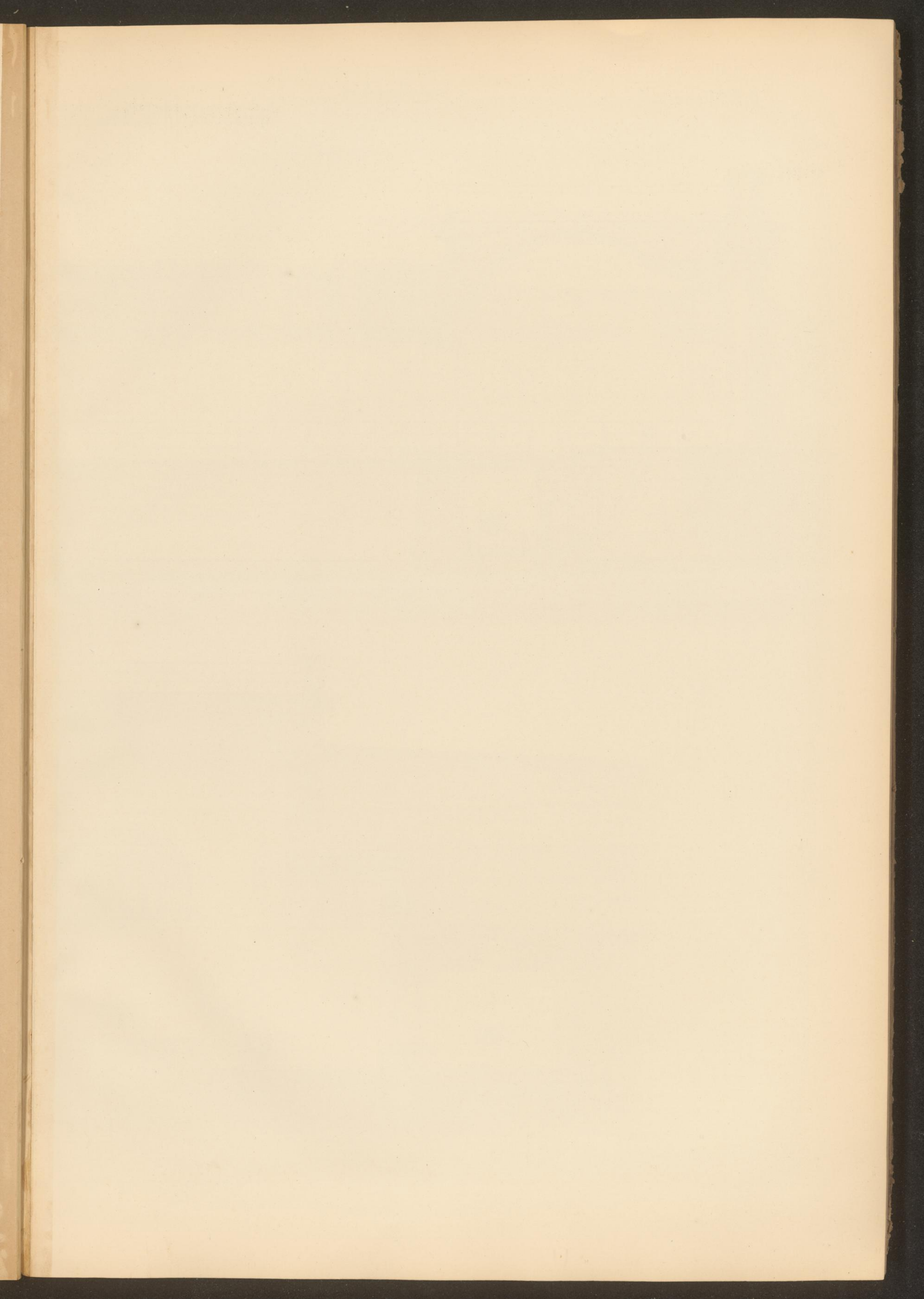


WASSERBEHÄLTER AUF DER SCHMELZ.

Eben der Erde.

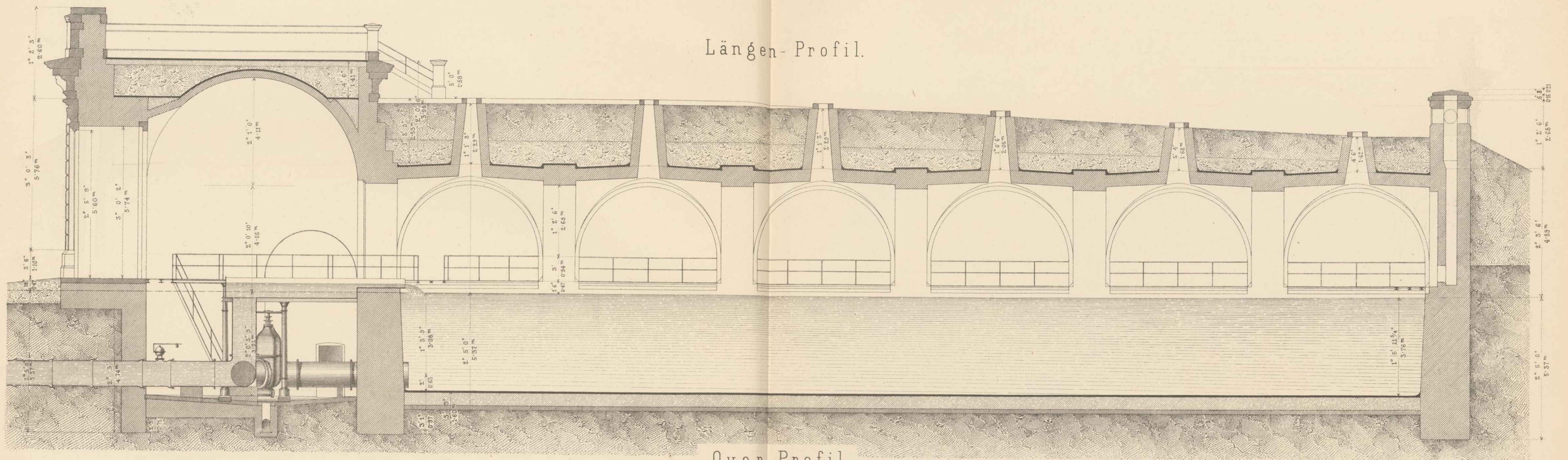




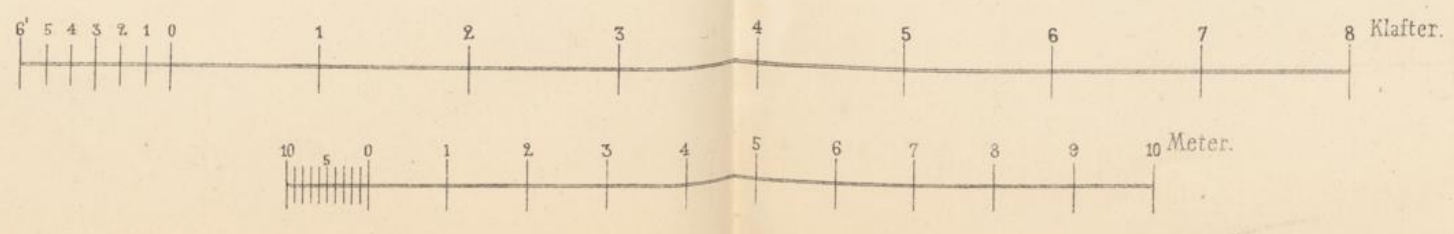
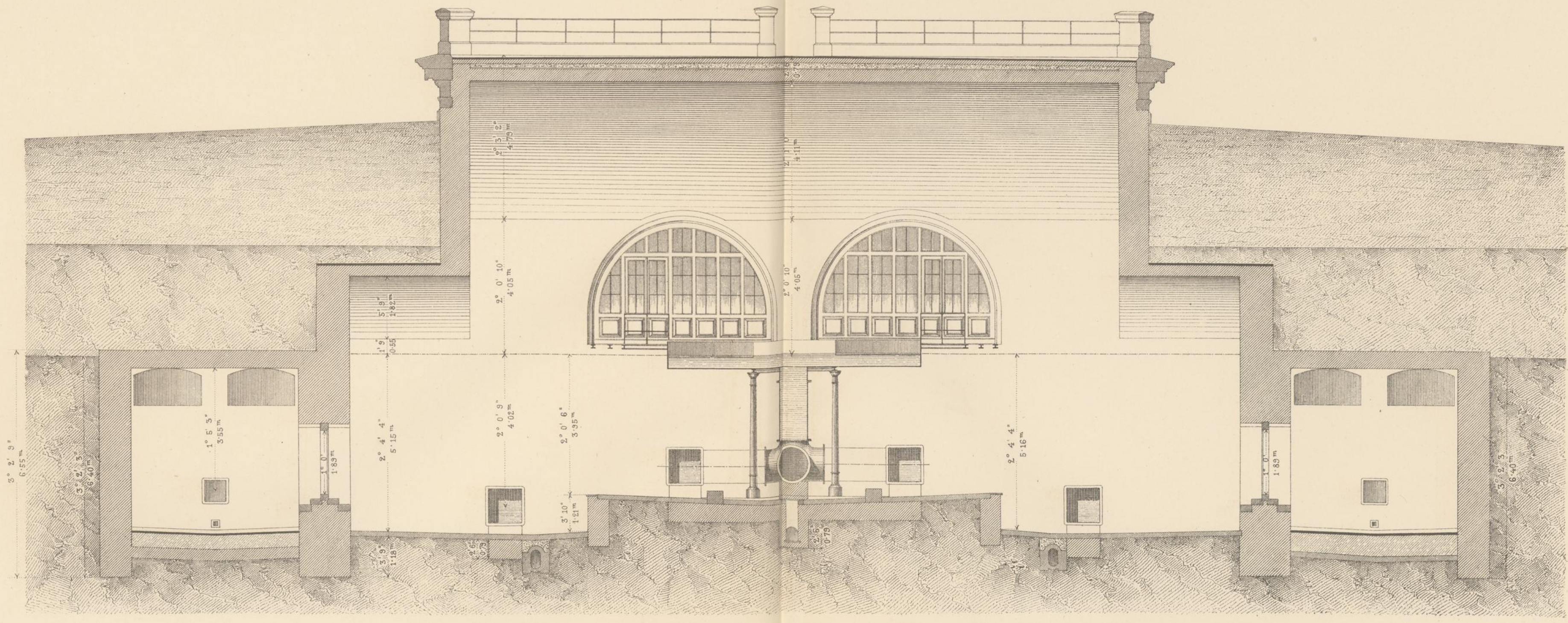


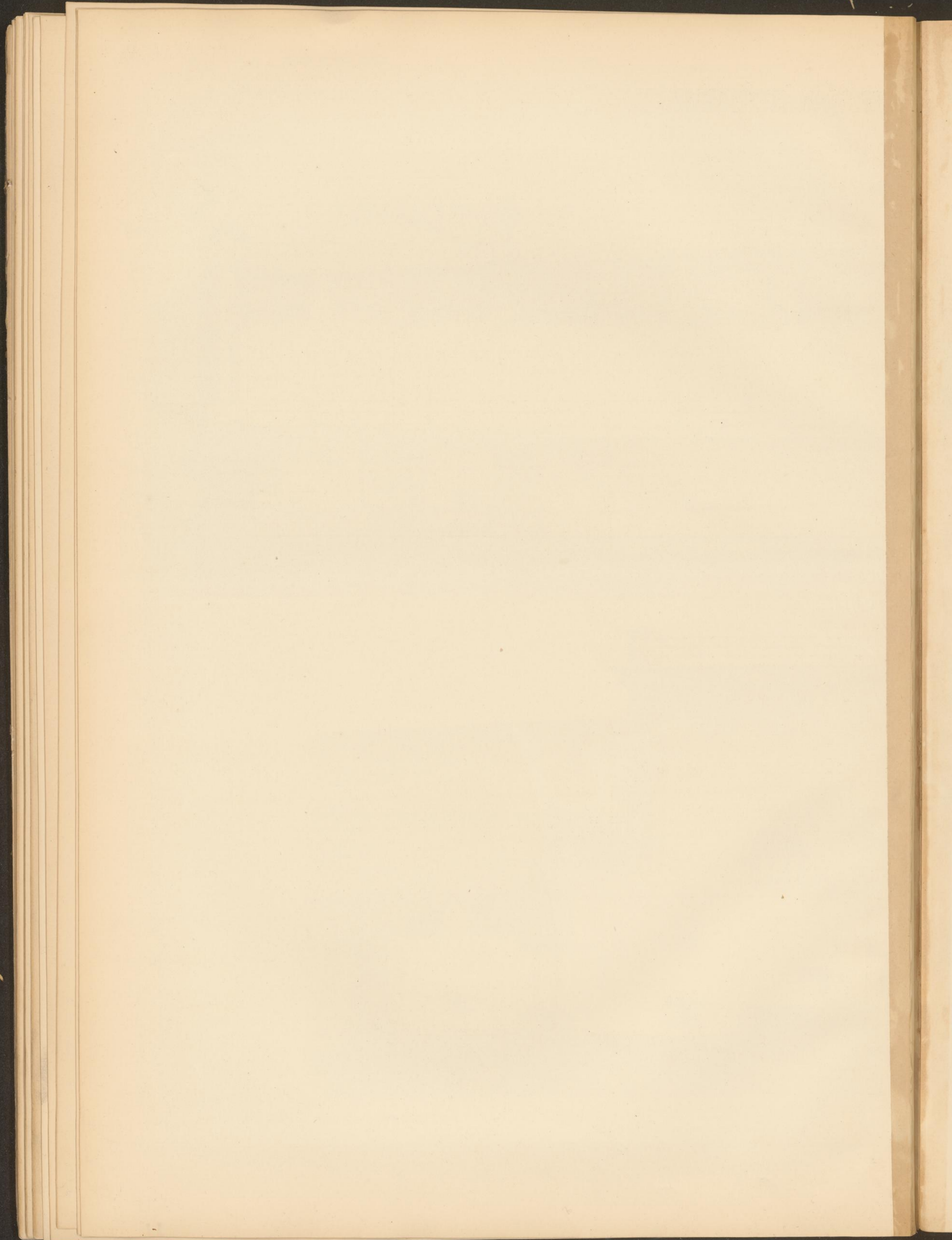
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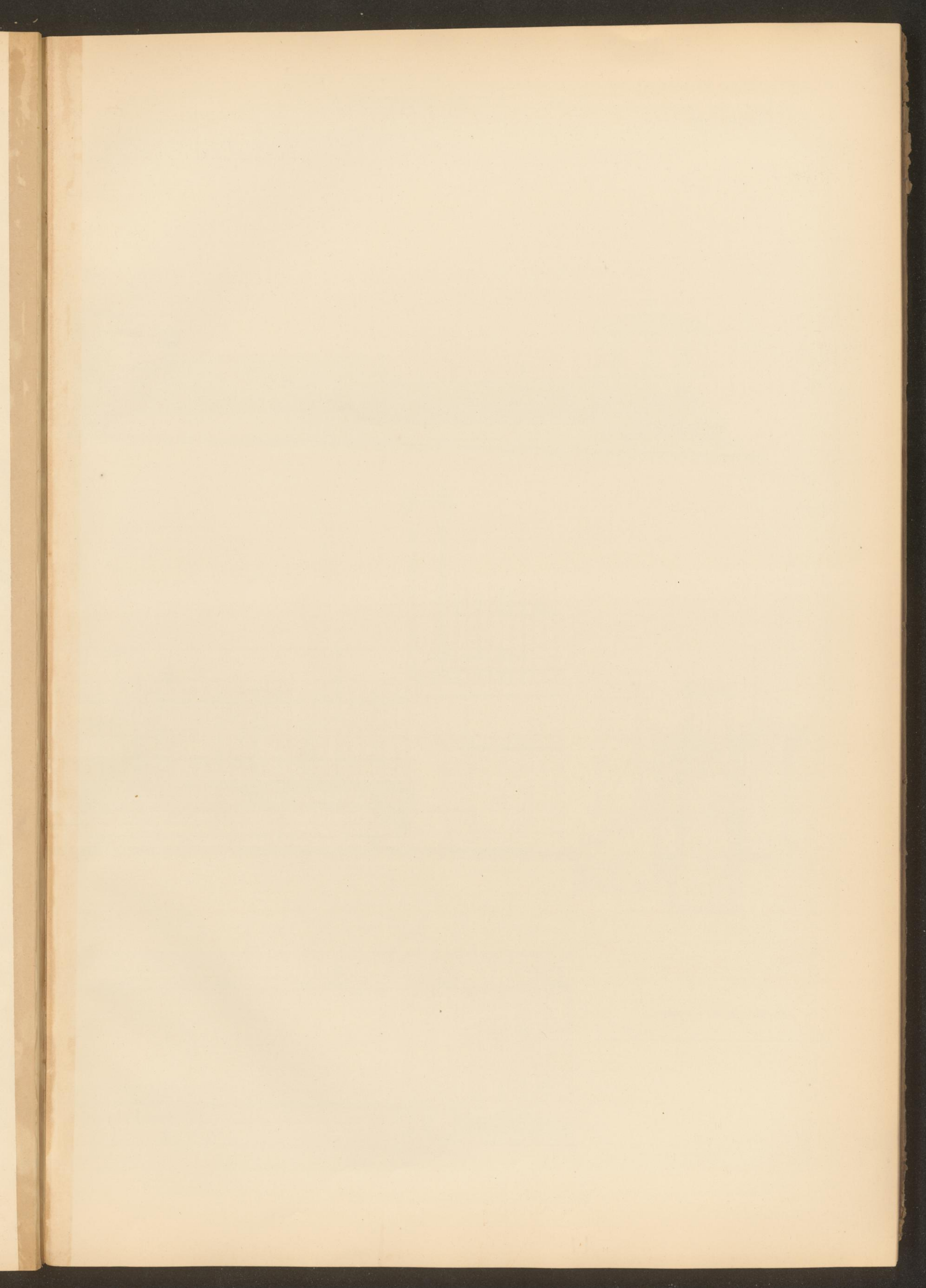
Längen- Profil.



Quer Profil.

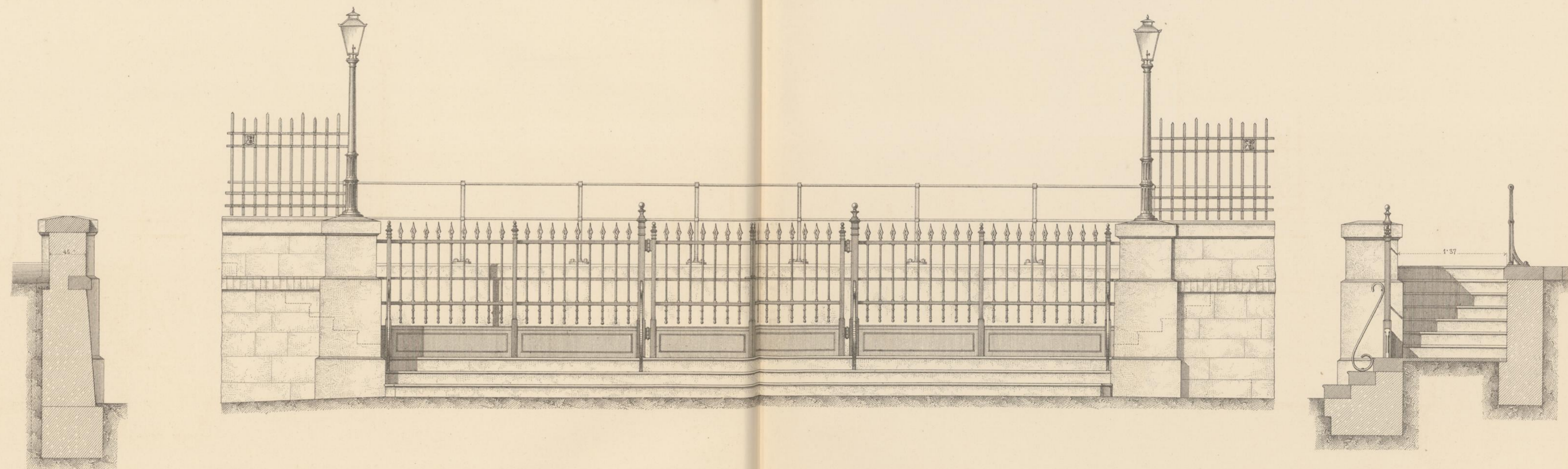




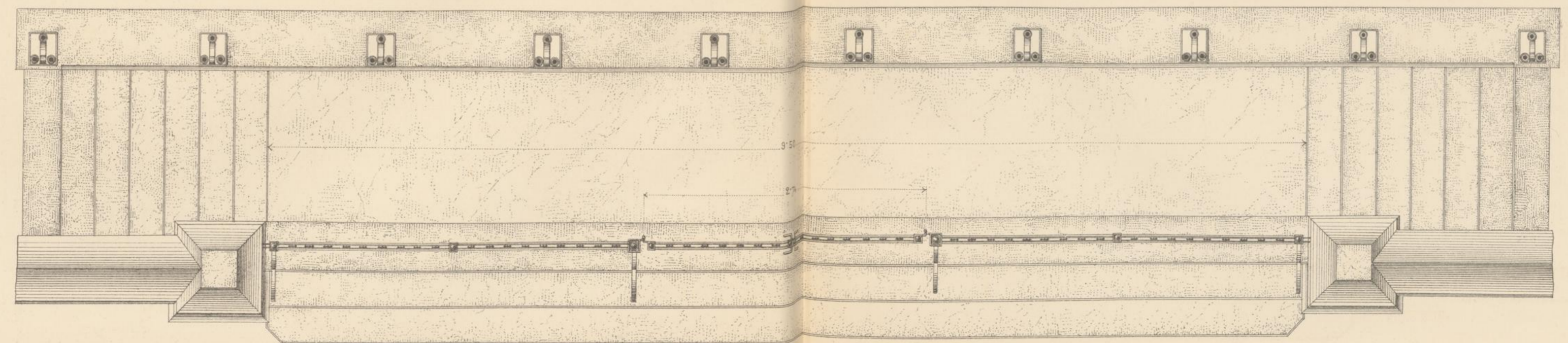


WASSERBEHÄLTER AUF DER SCHMELZ.

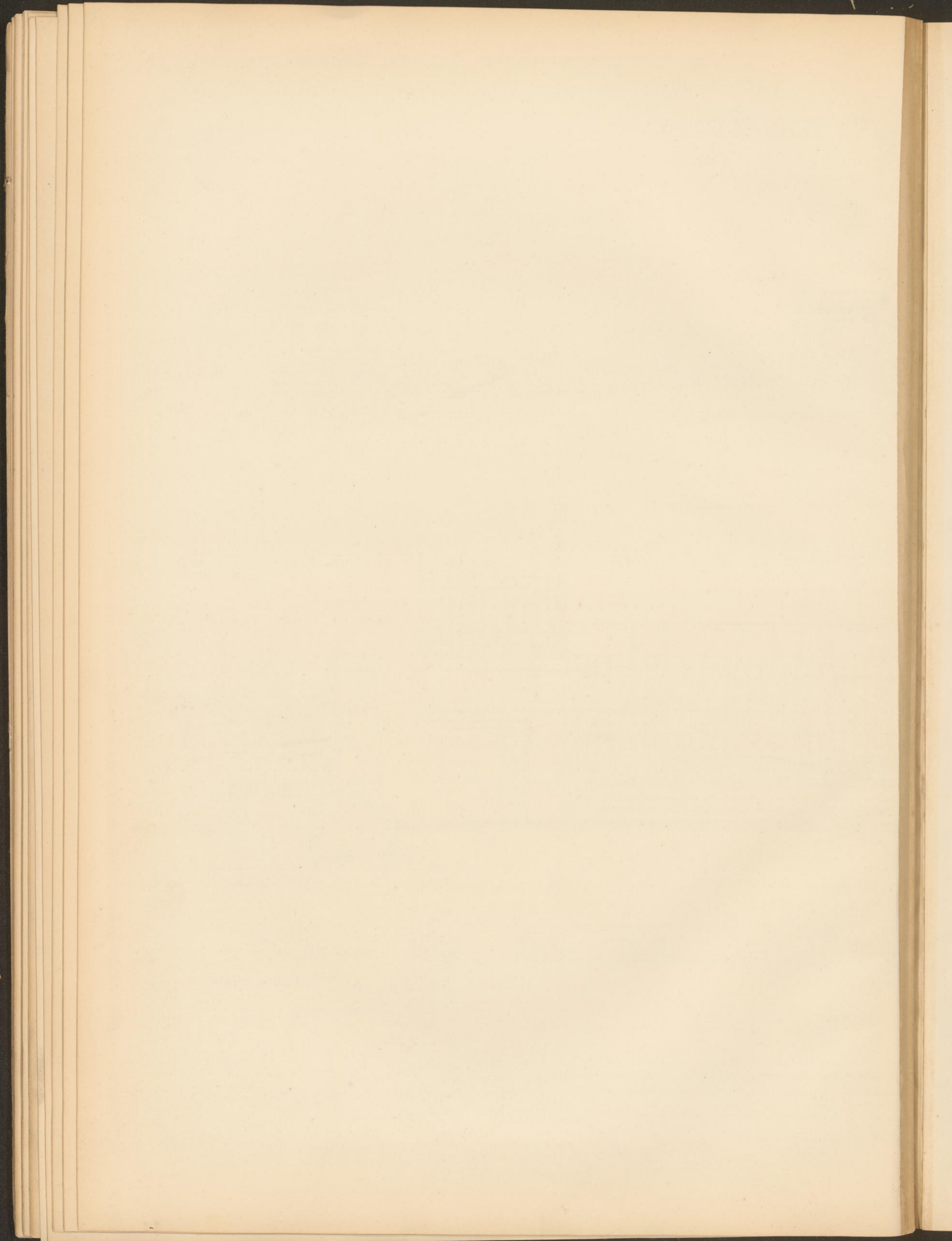
Façade.

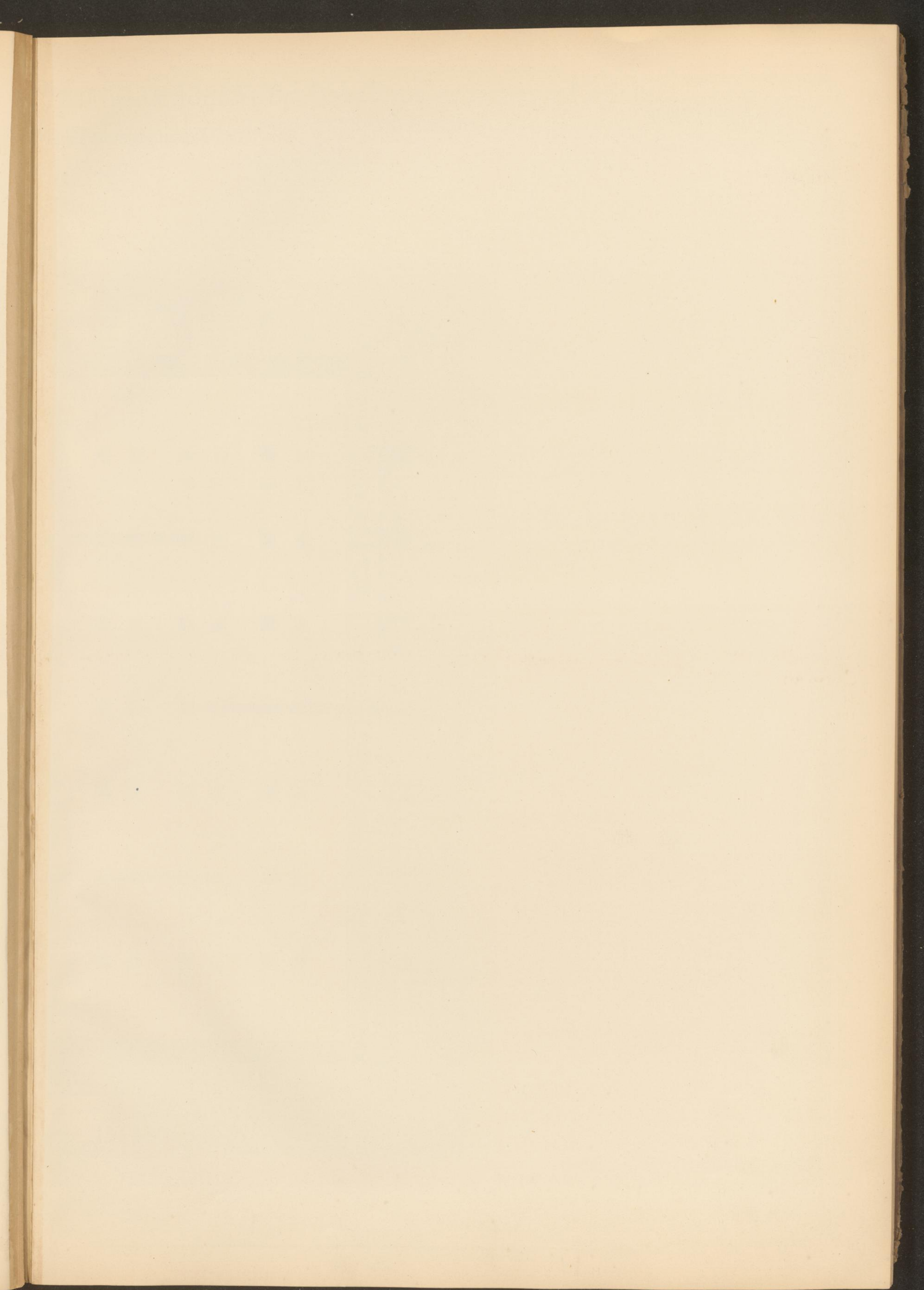


Maisstab für die Ansicht



Maisstab für die Details

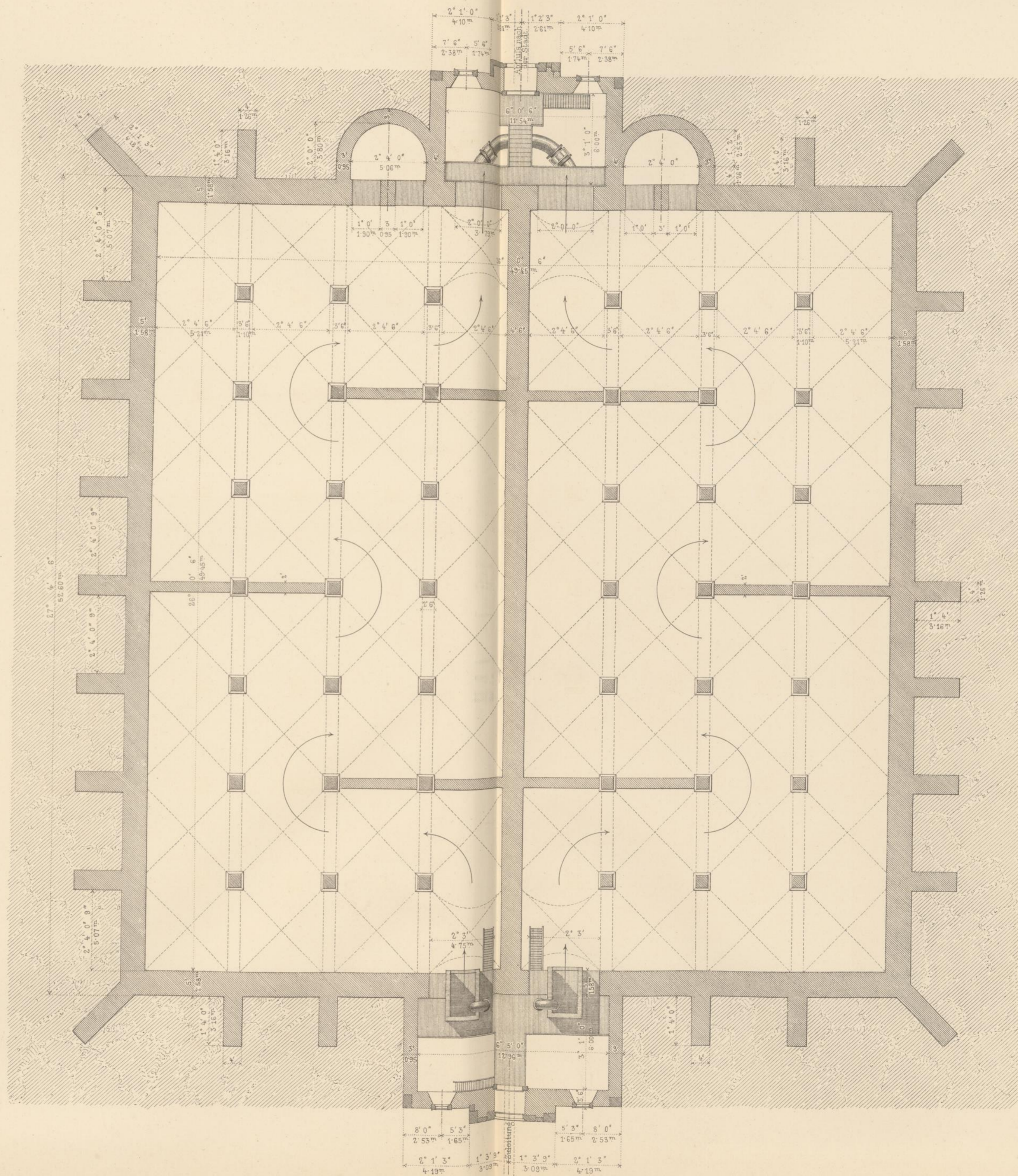


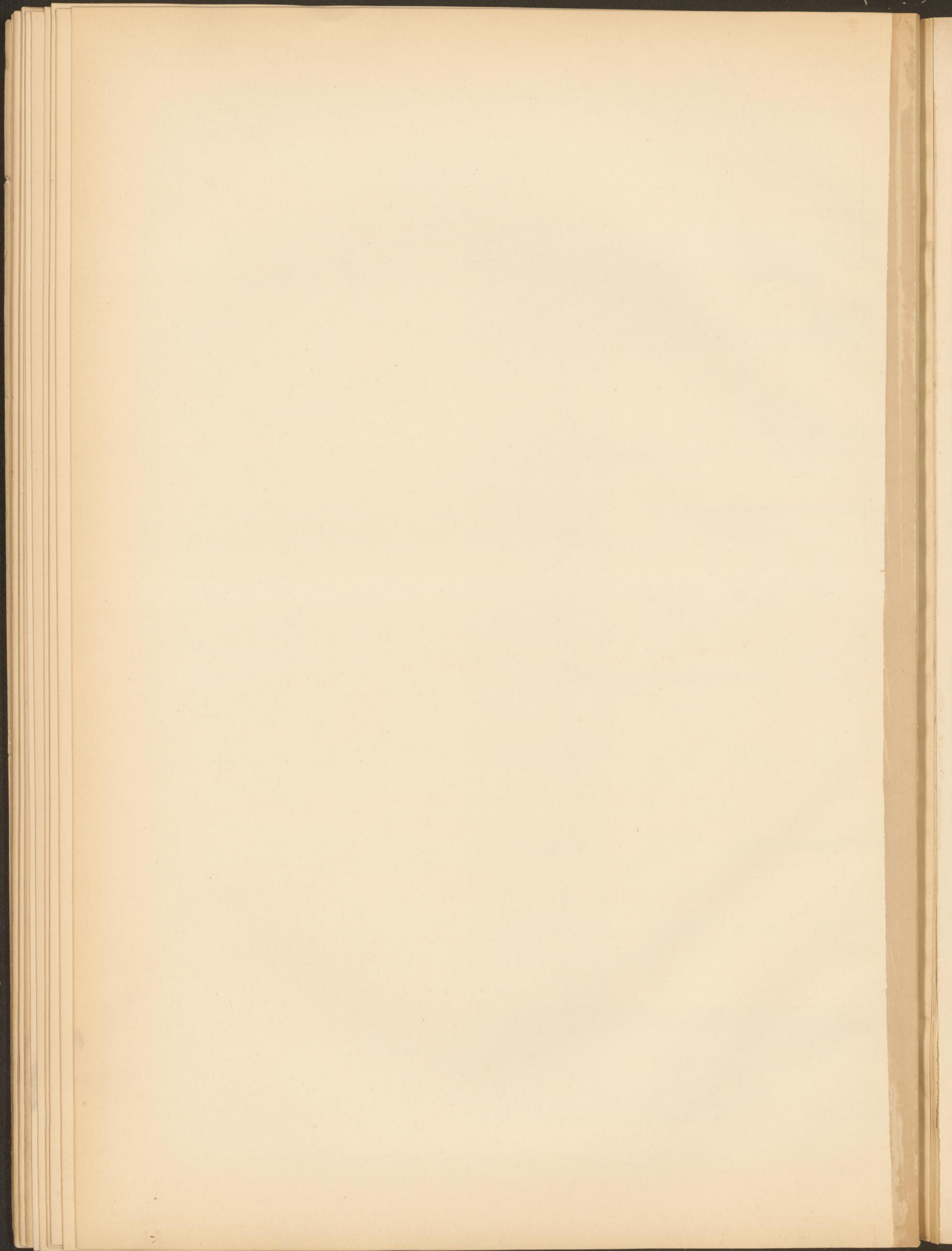


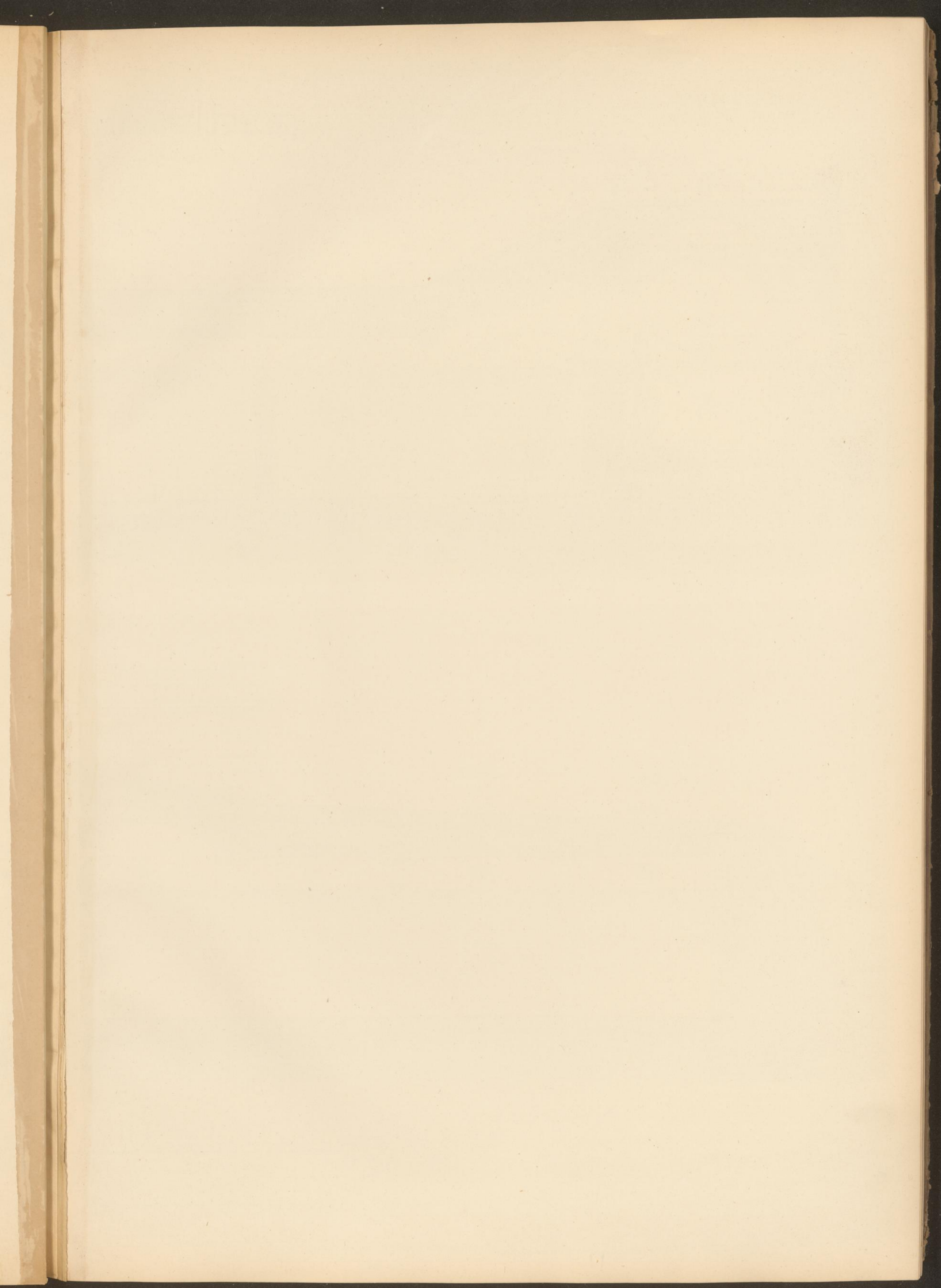
WASSERBEHÄLTER AM LAA'ER BERGE.

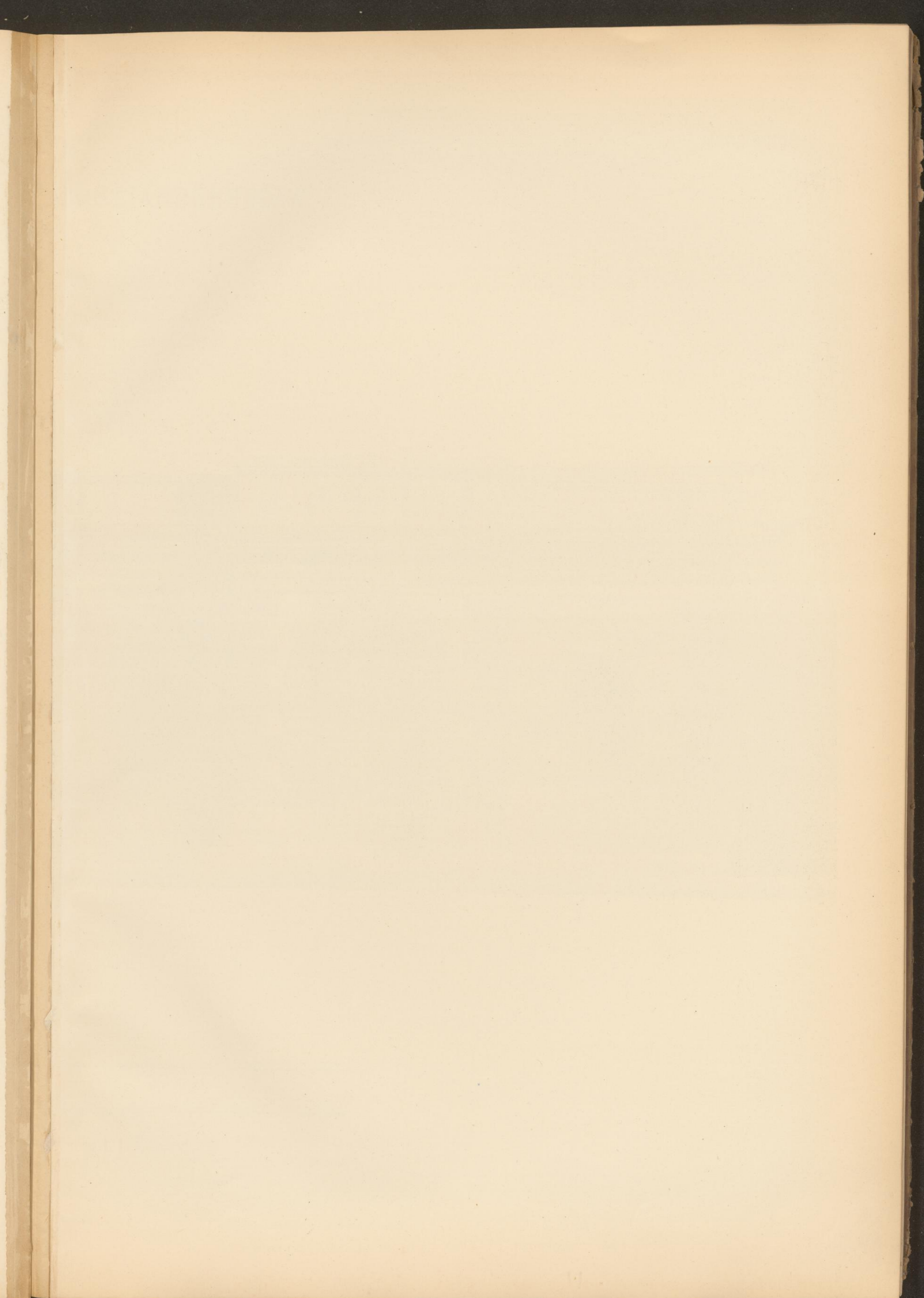
Fassungsraum 35500 Kub. Fufs - 11210 Kub. Meter.

Eben der Erde.

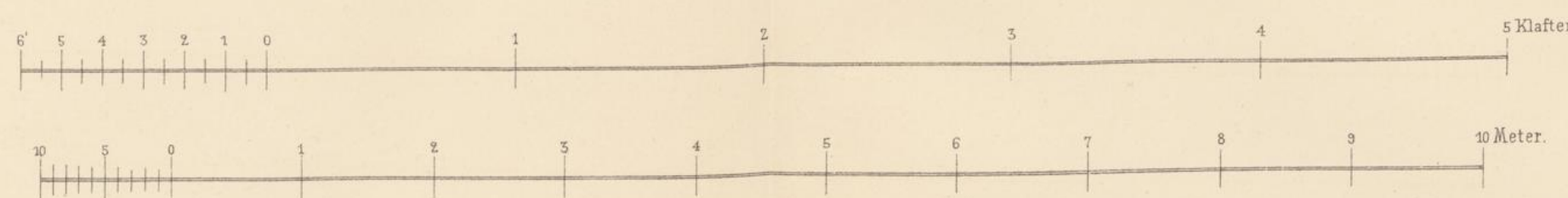
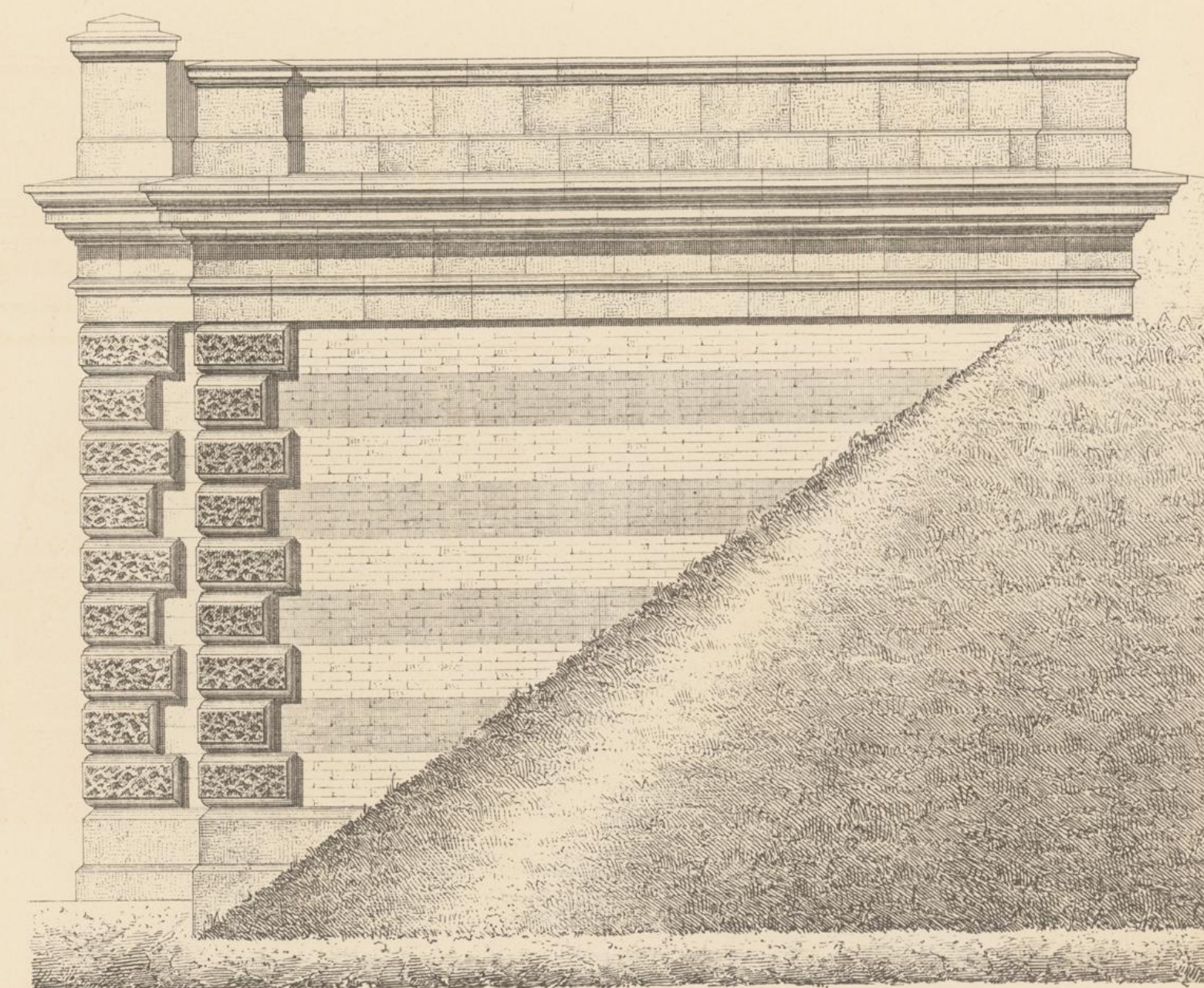
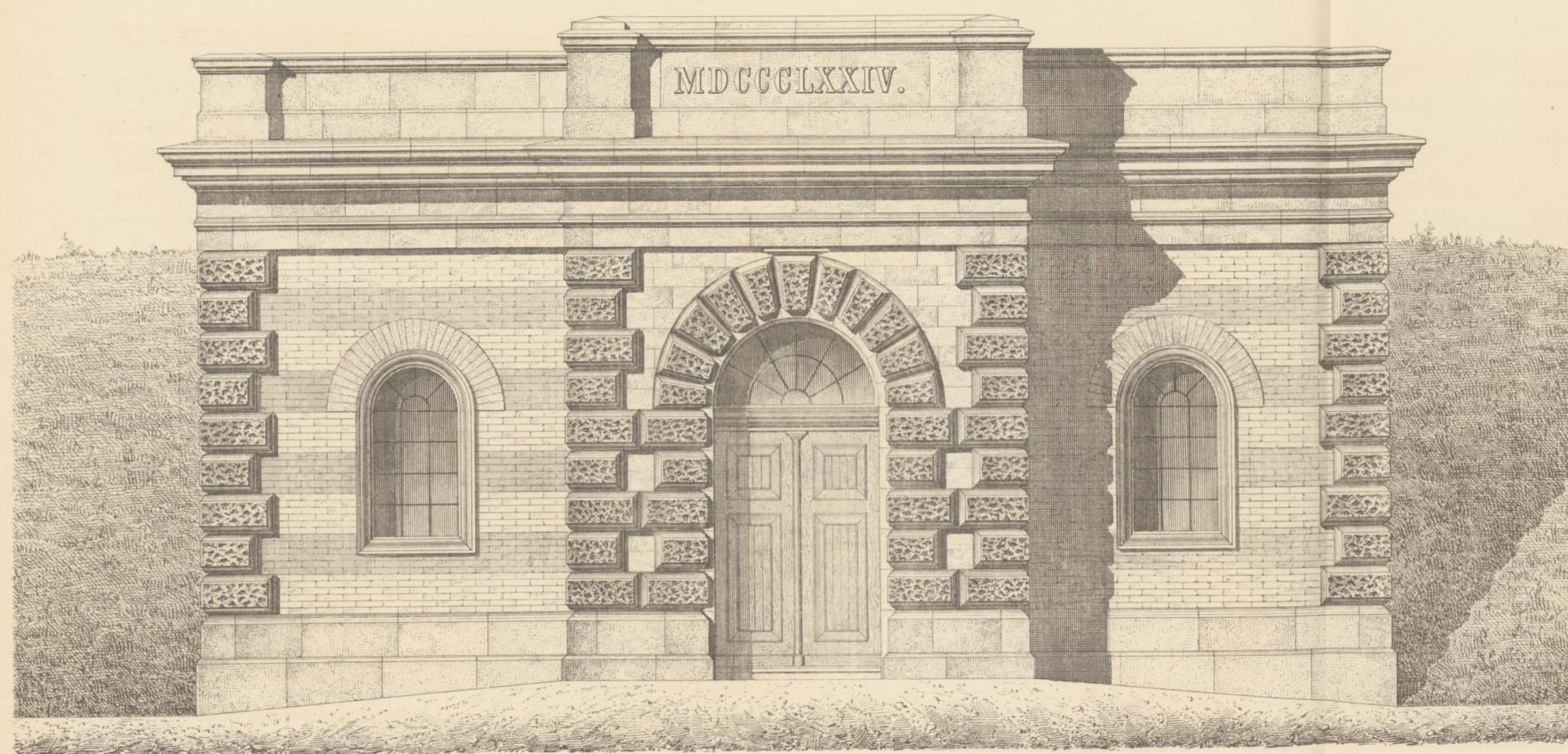


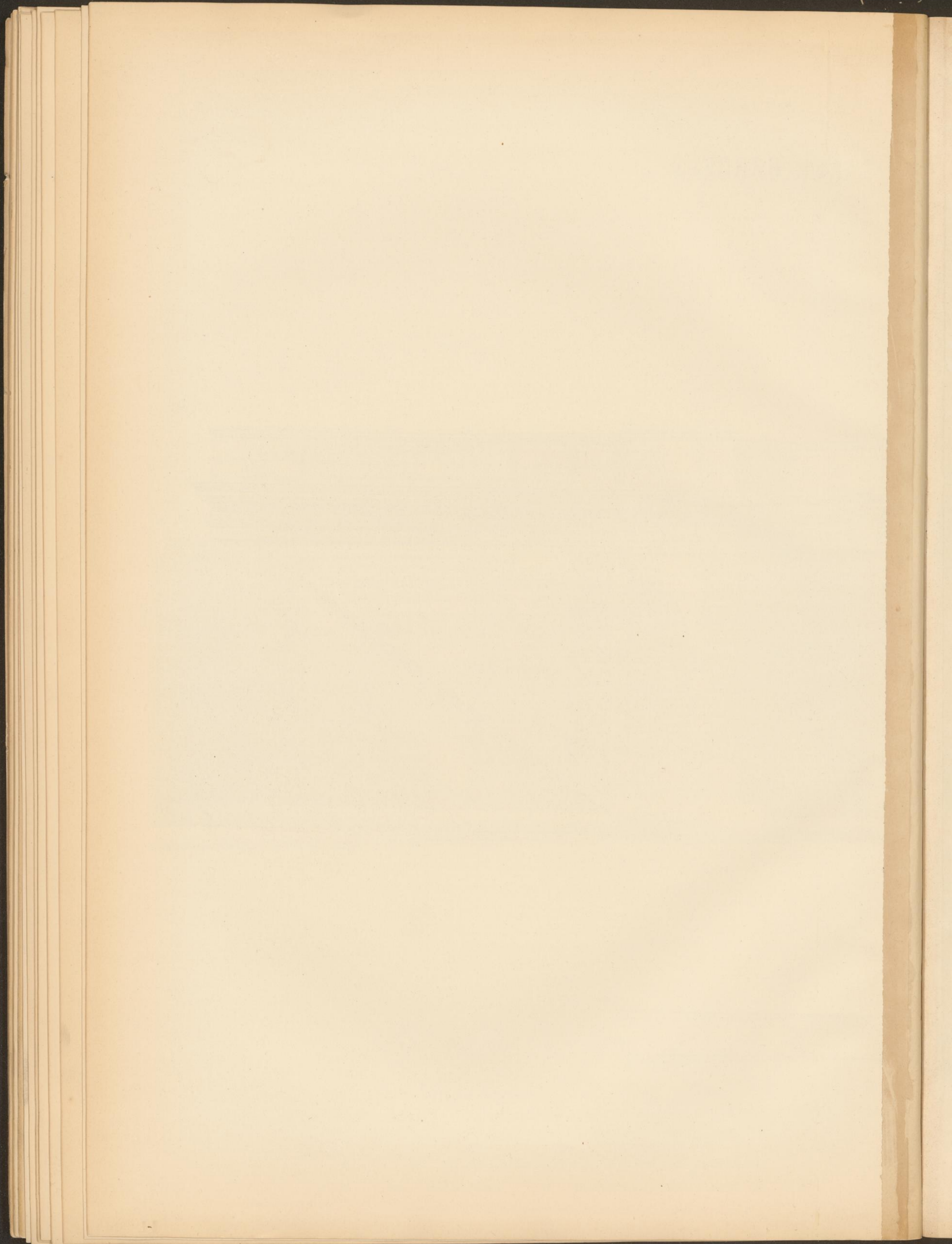


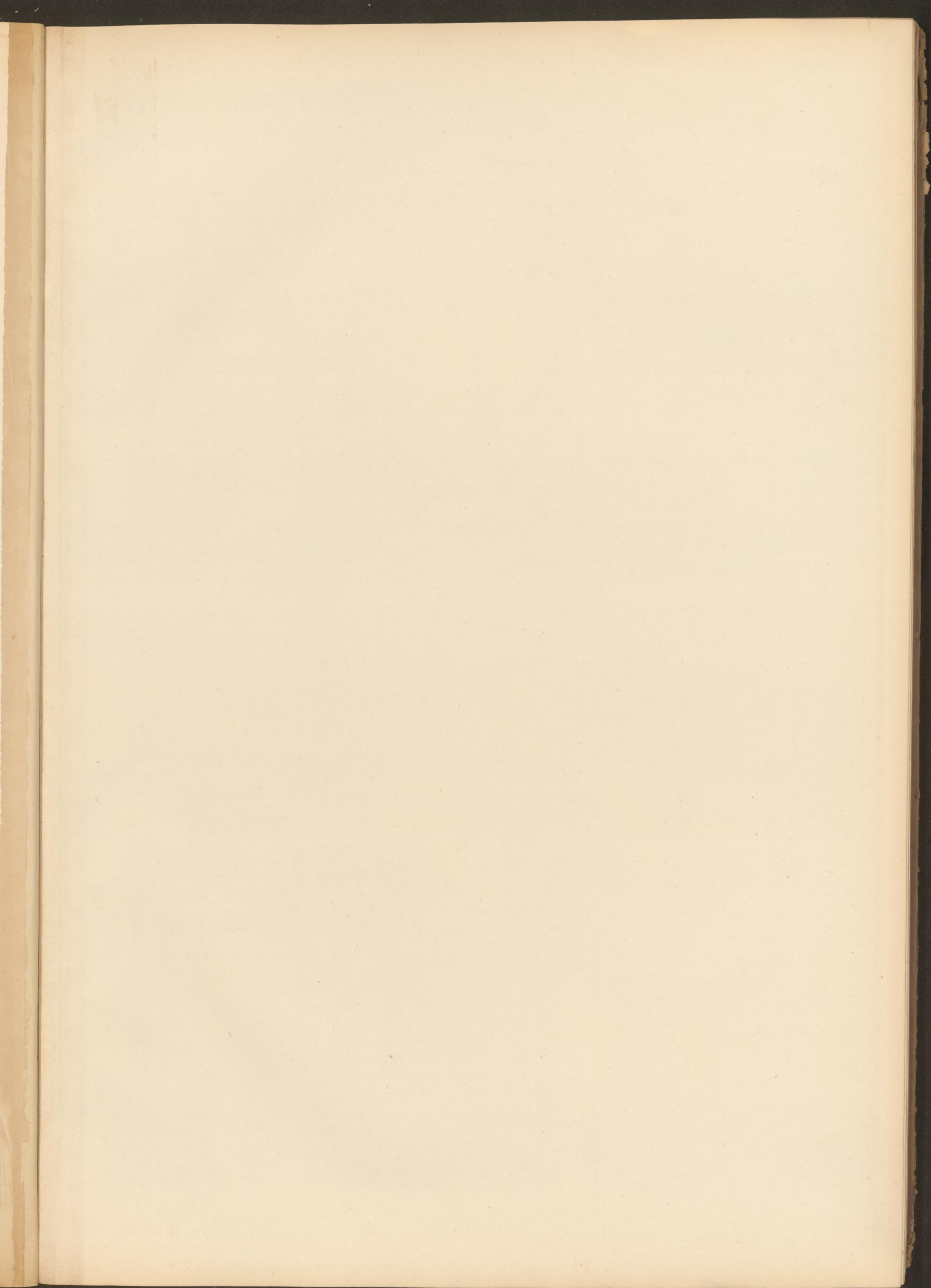




WASSERBEHÄLTER AM LAAER BERGE.

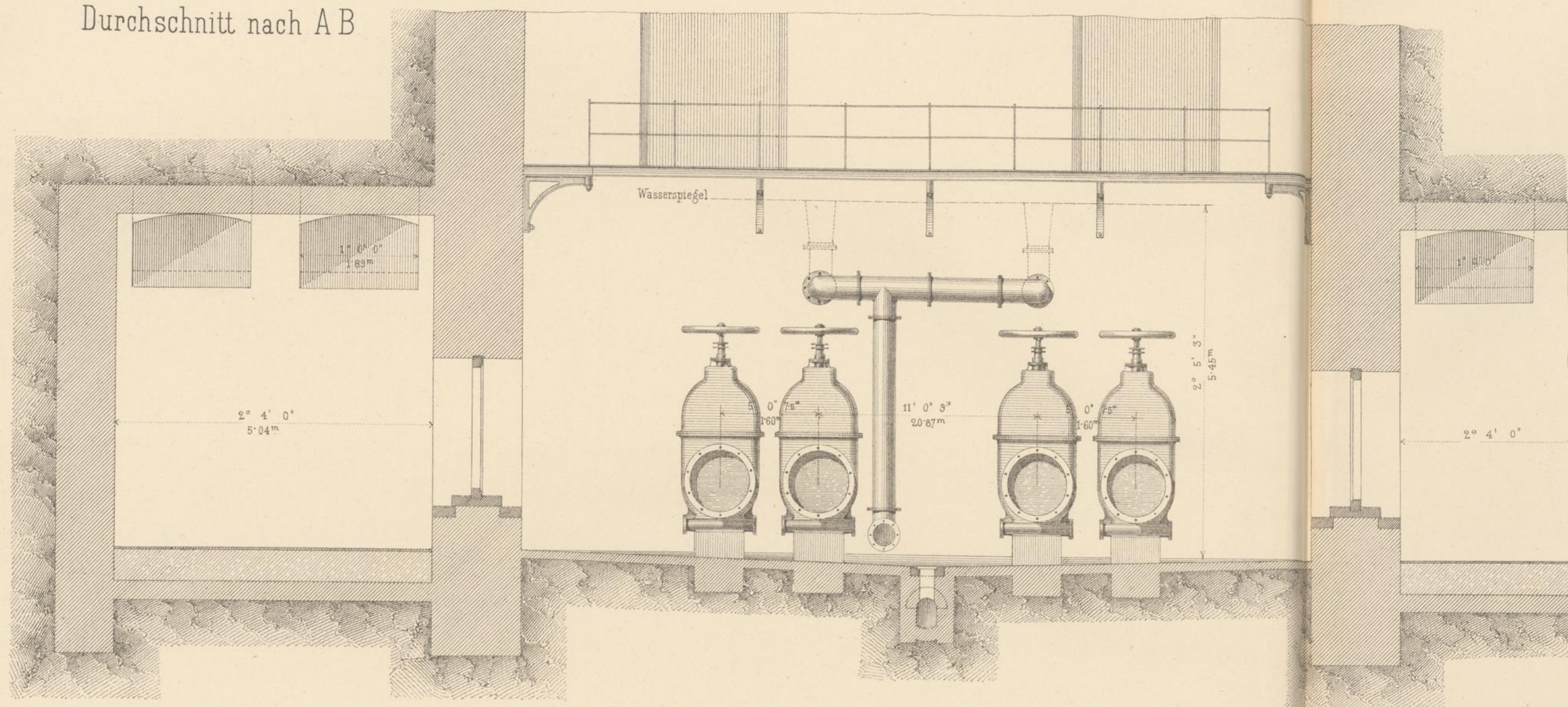




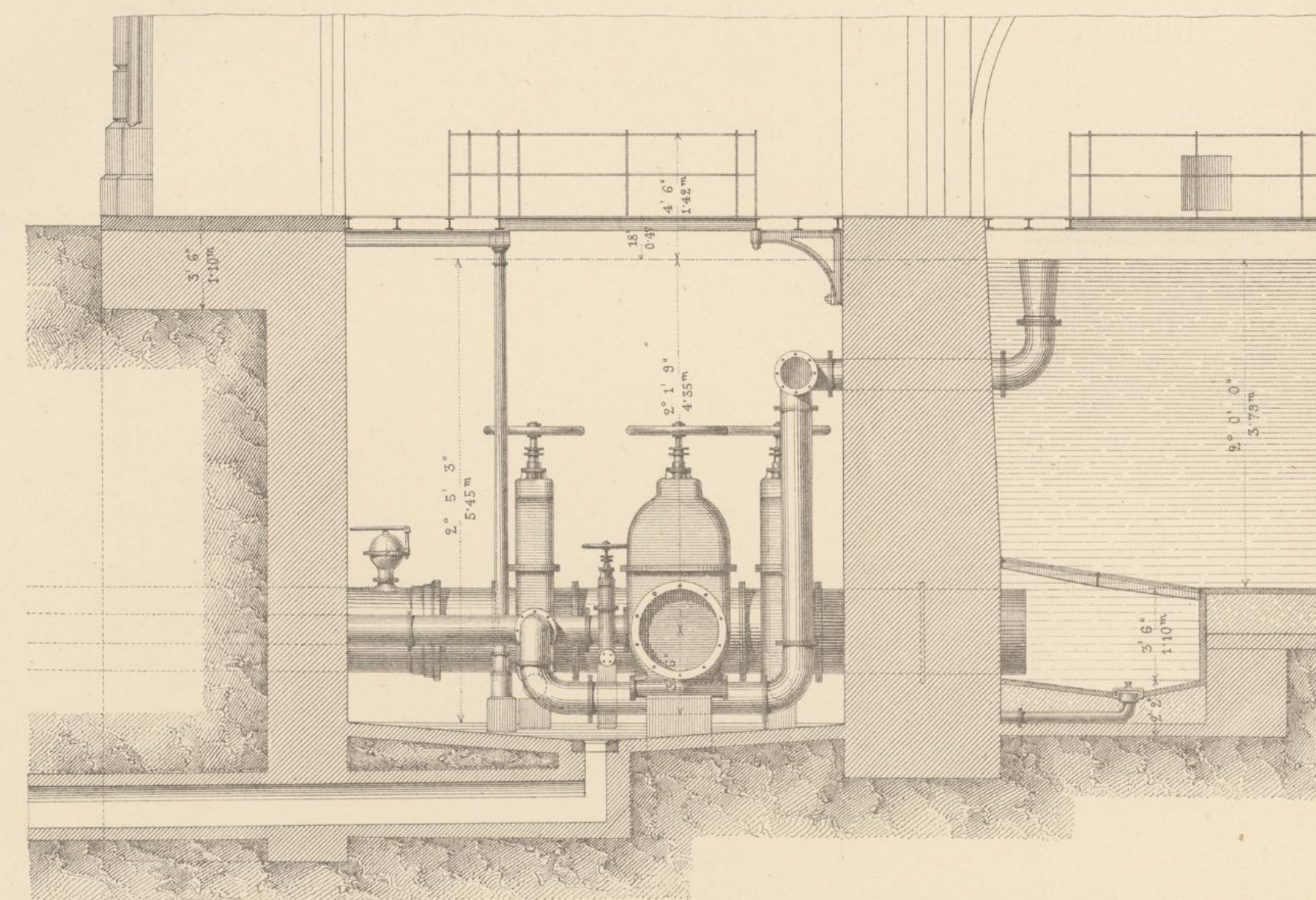


PLAN ÜBER DIE EINRICHTUNG DER RÖHRENKAMMER
im Reservoir am Rosenhügel.

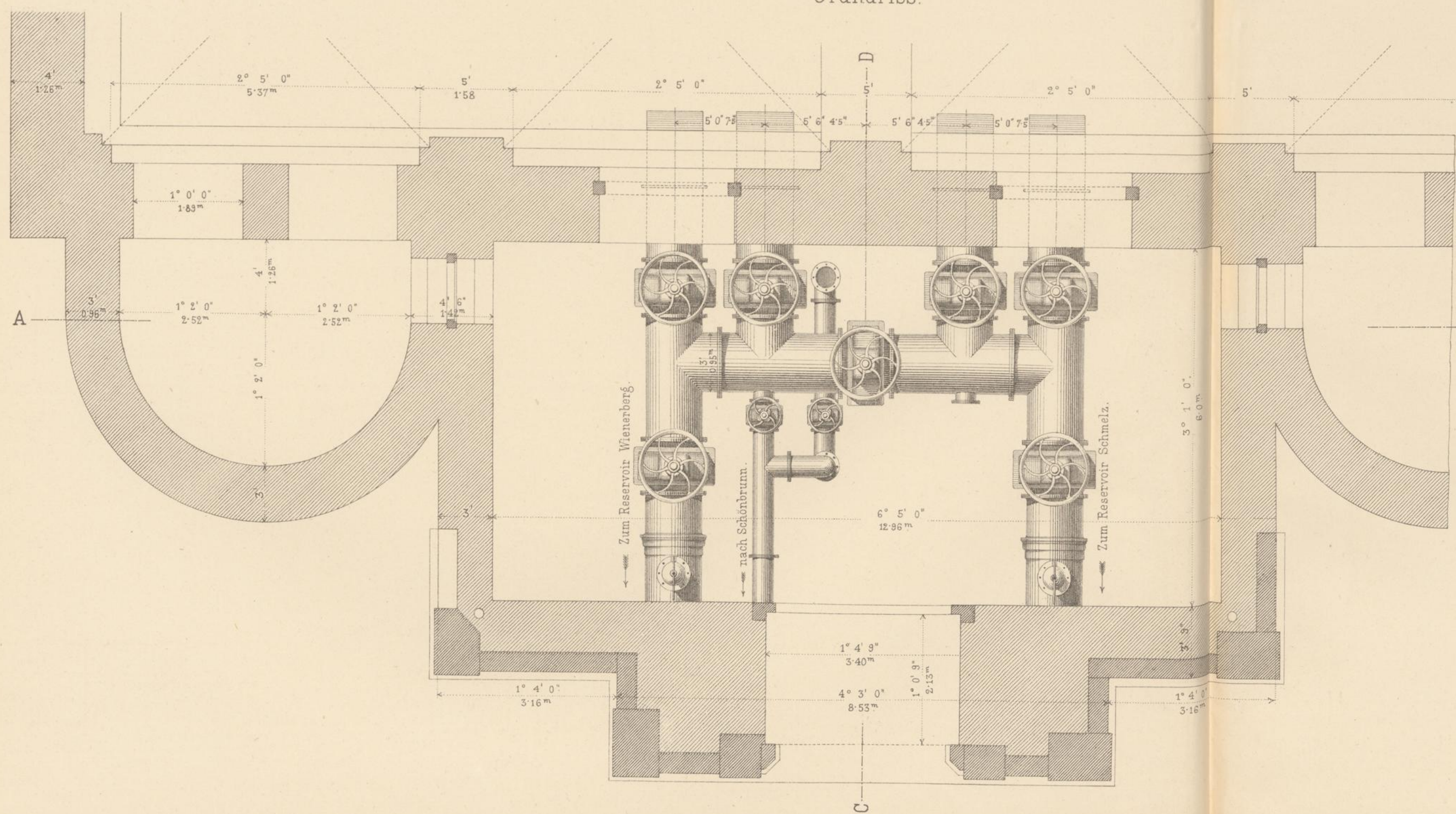
Durchschnitt nach A B



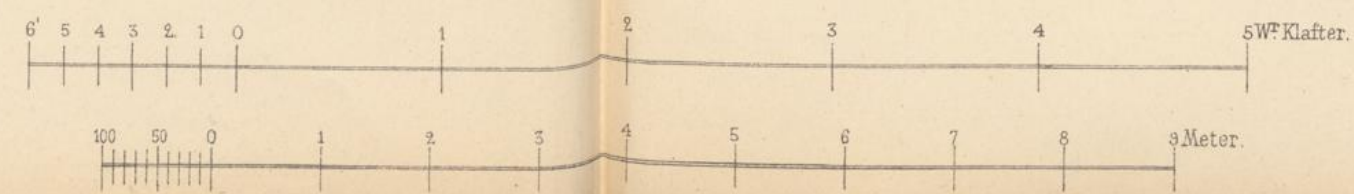
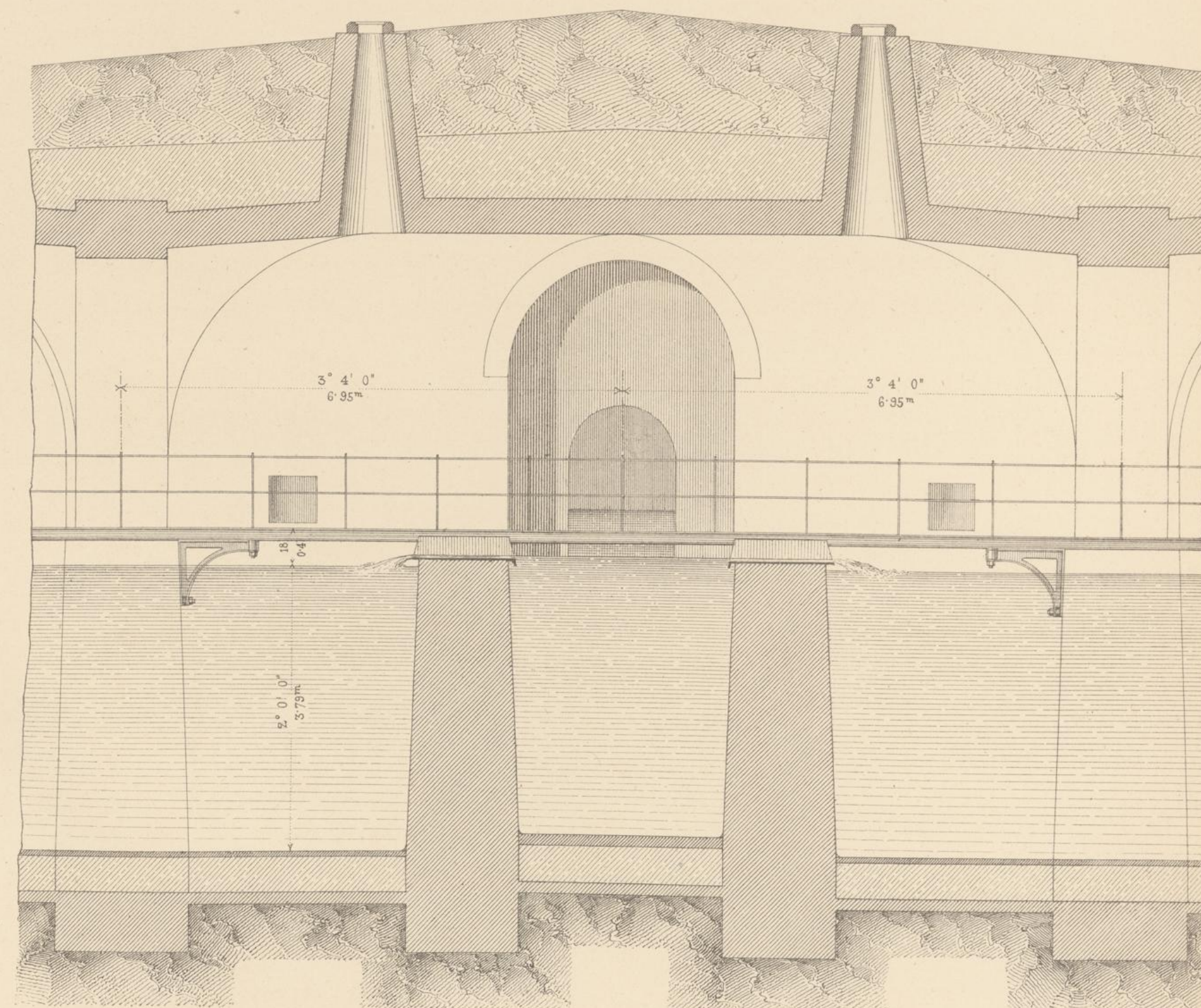
Durchschnitt nach C D

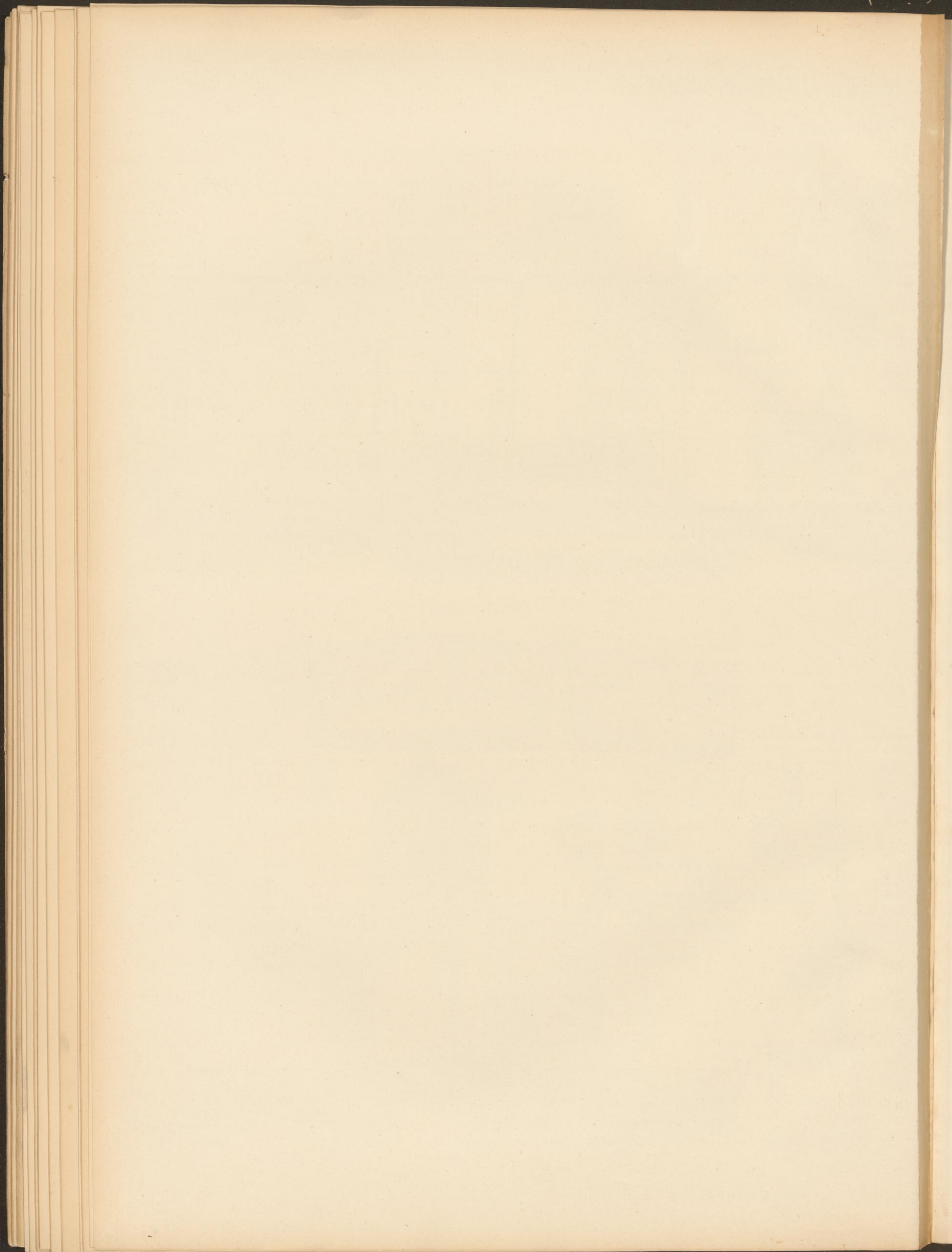


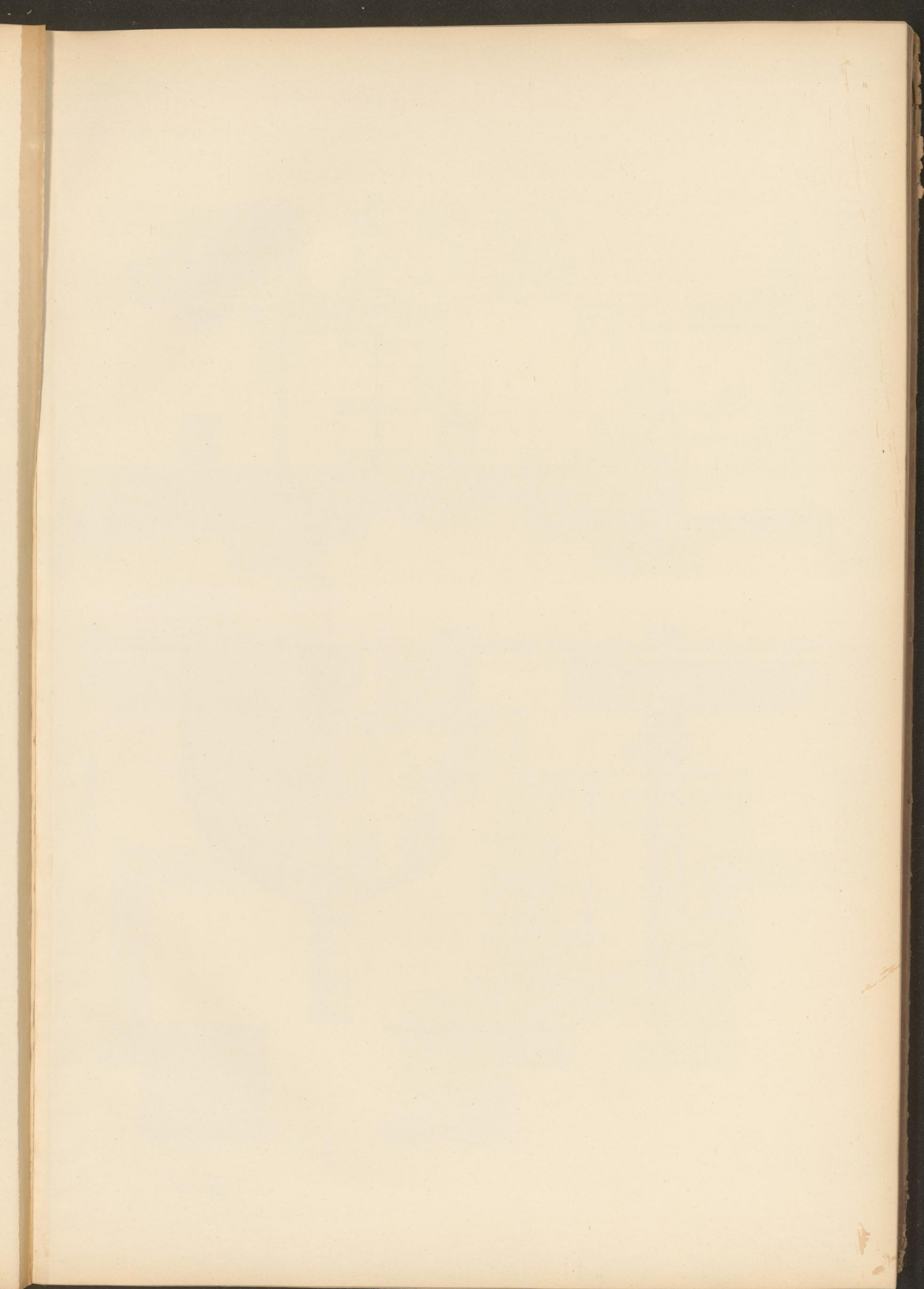
Grundriss.



Schnitt nach a b.





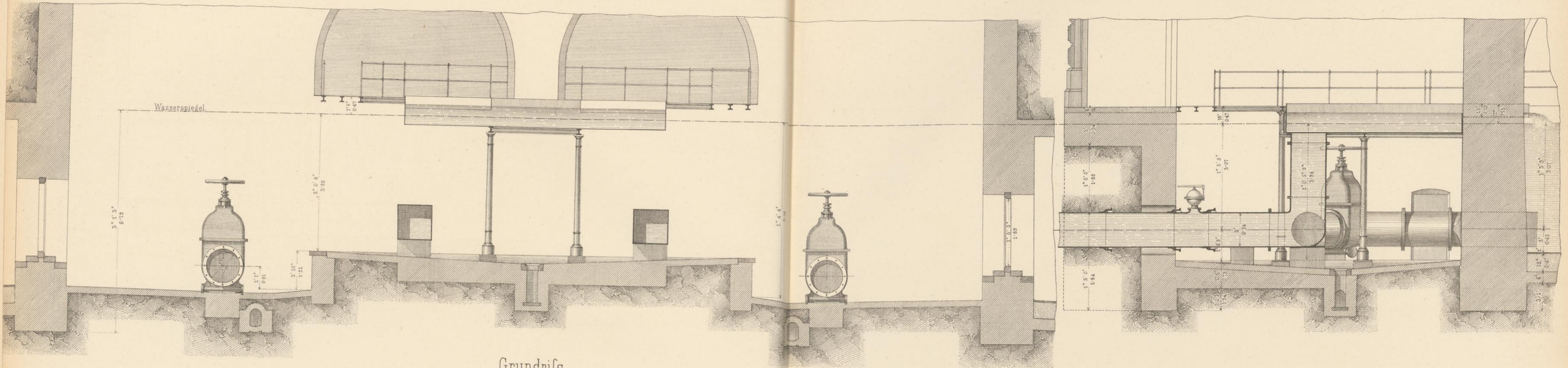


PLAN ÜBER DIE EINRICHTUNG DER RÖHRENKAMMER

im Reservoir am Wierberg und Schmelz.

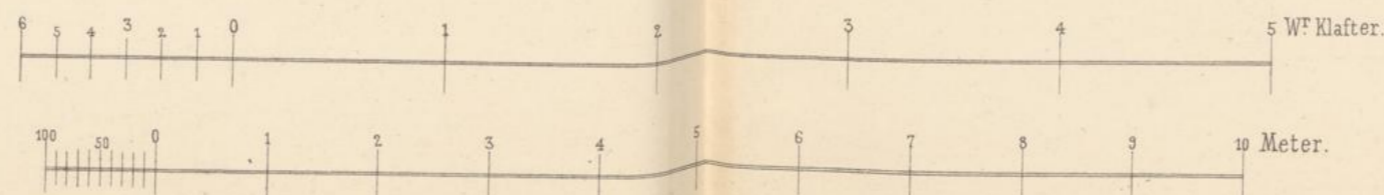
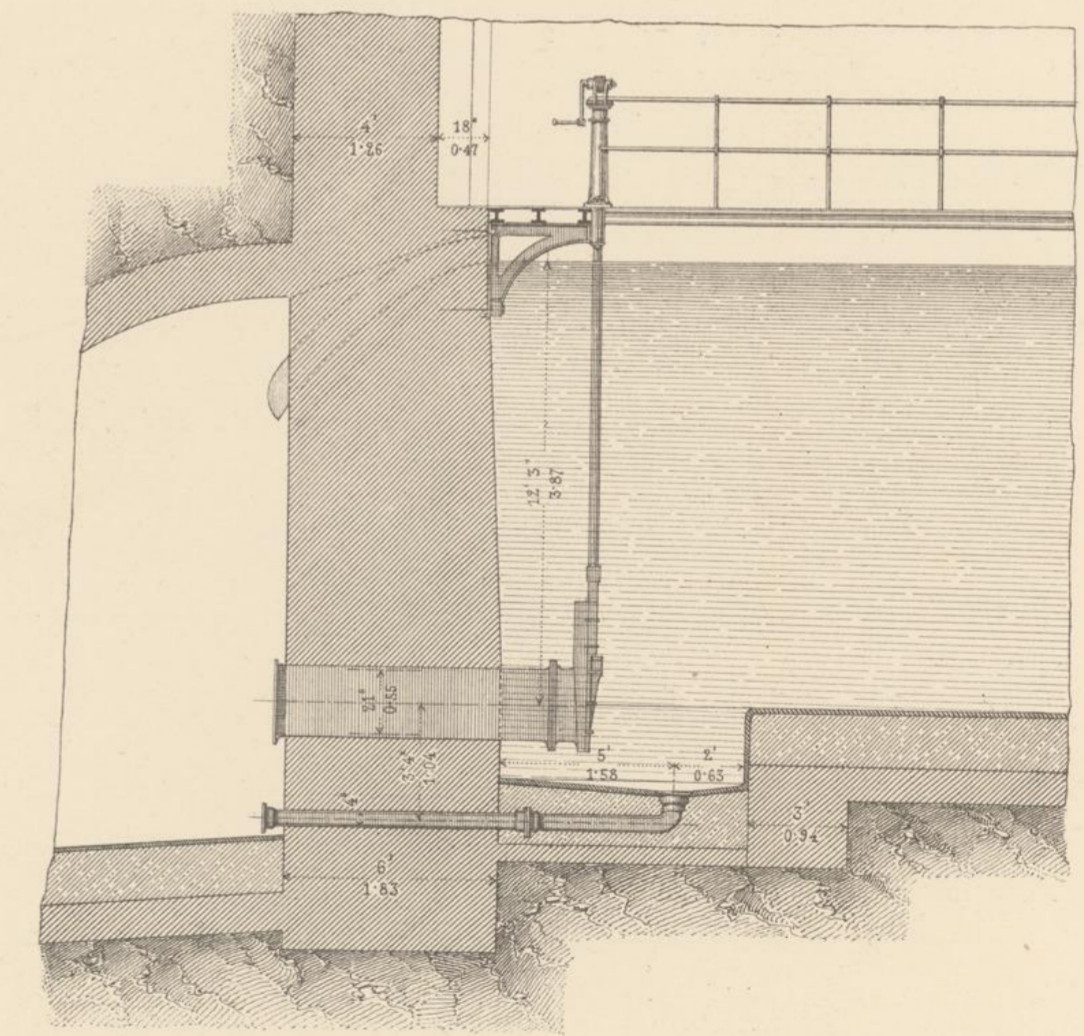
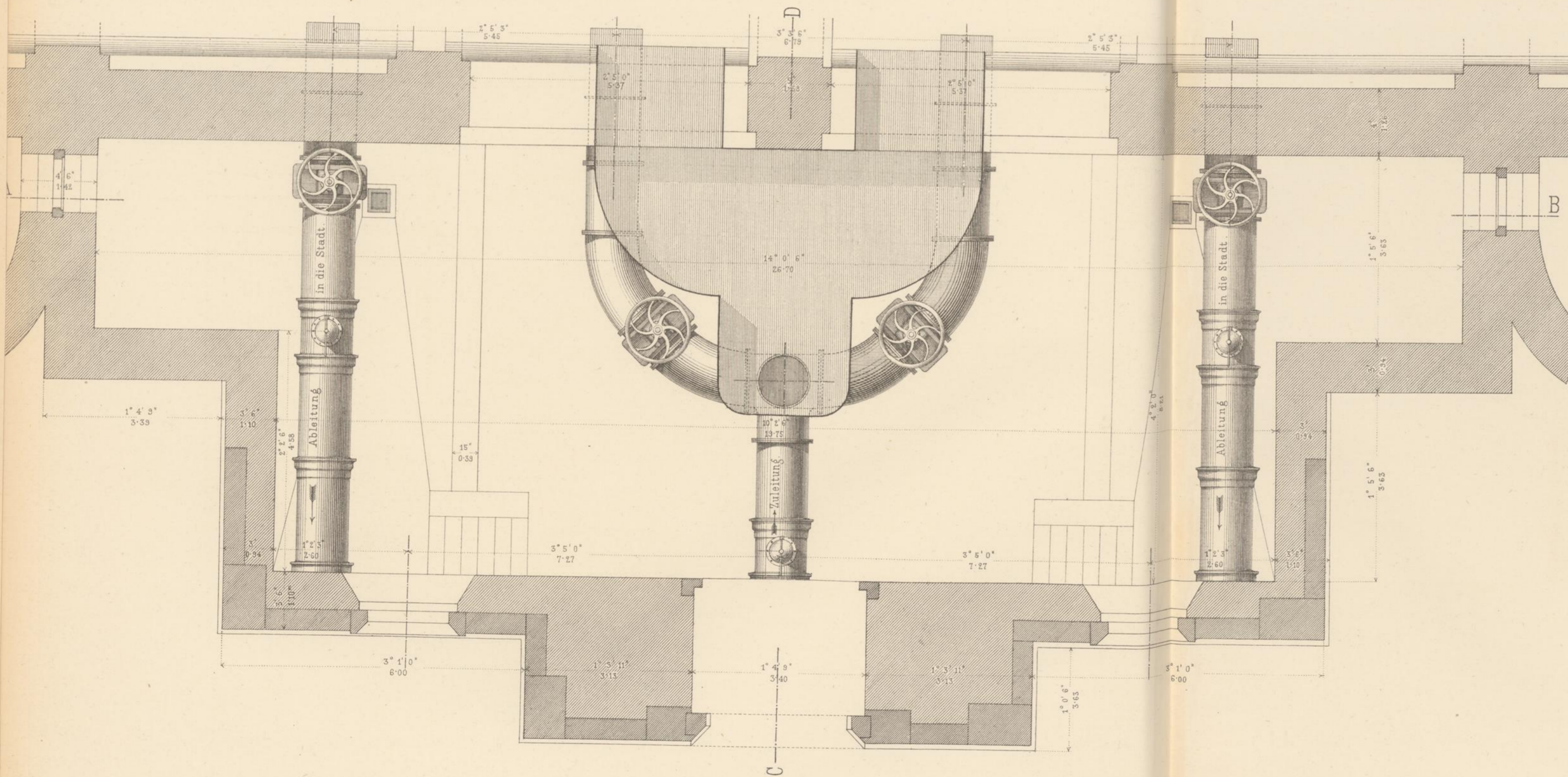
Durchschnitt nach AB.

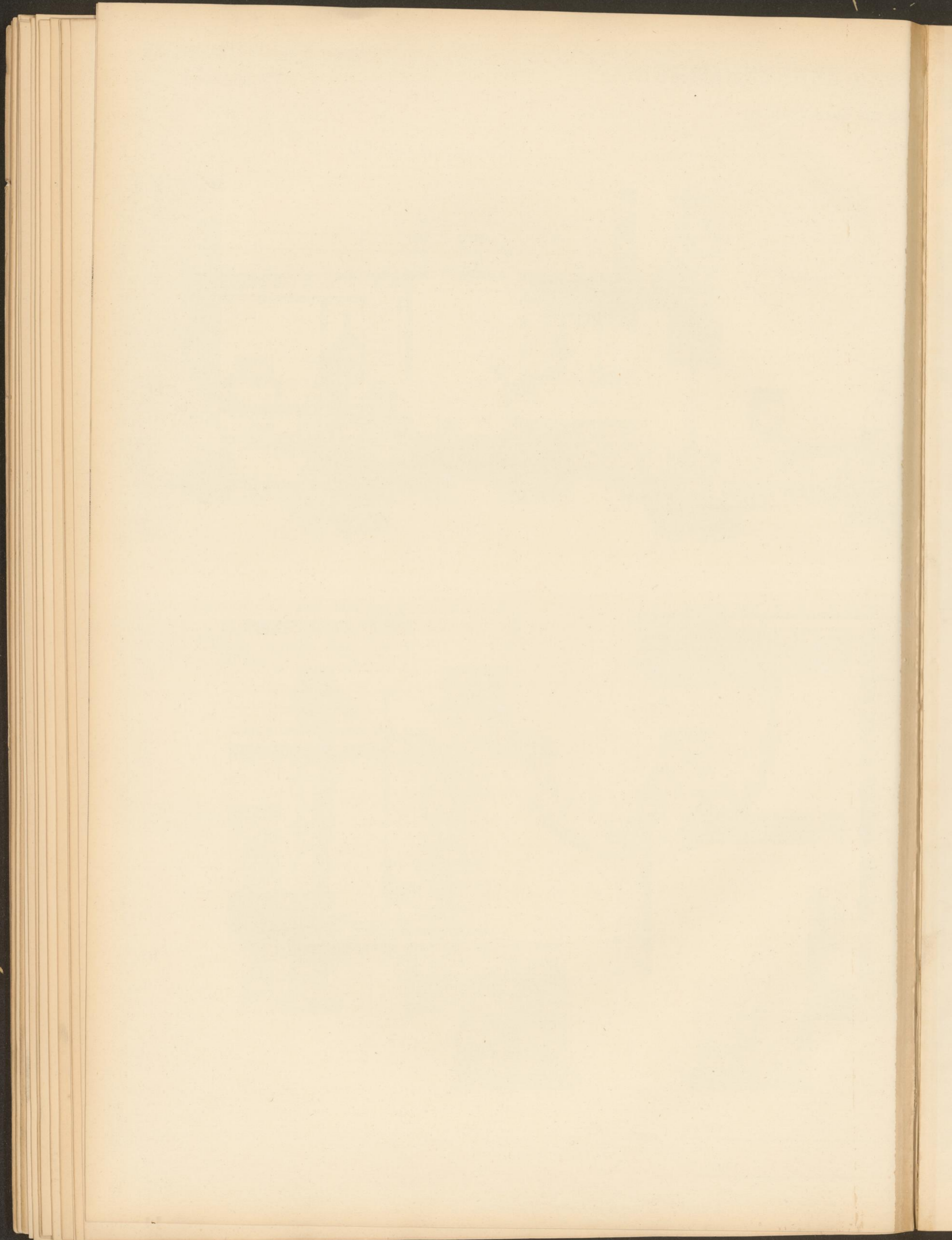
Durchschnitt nach CD.

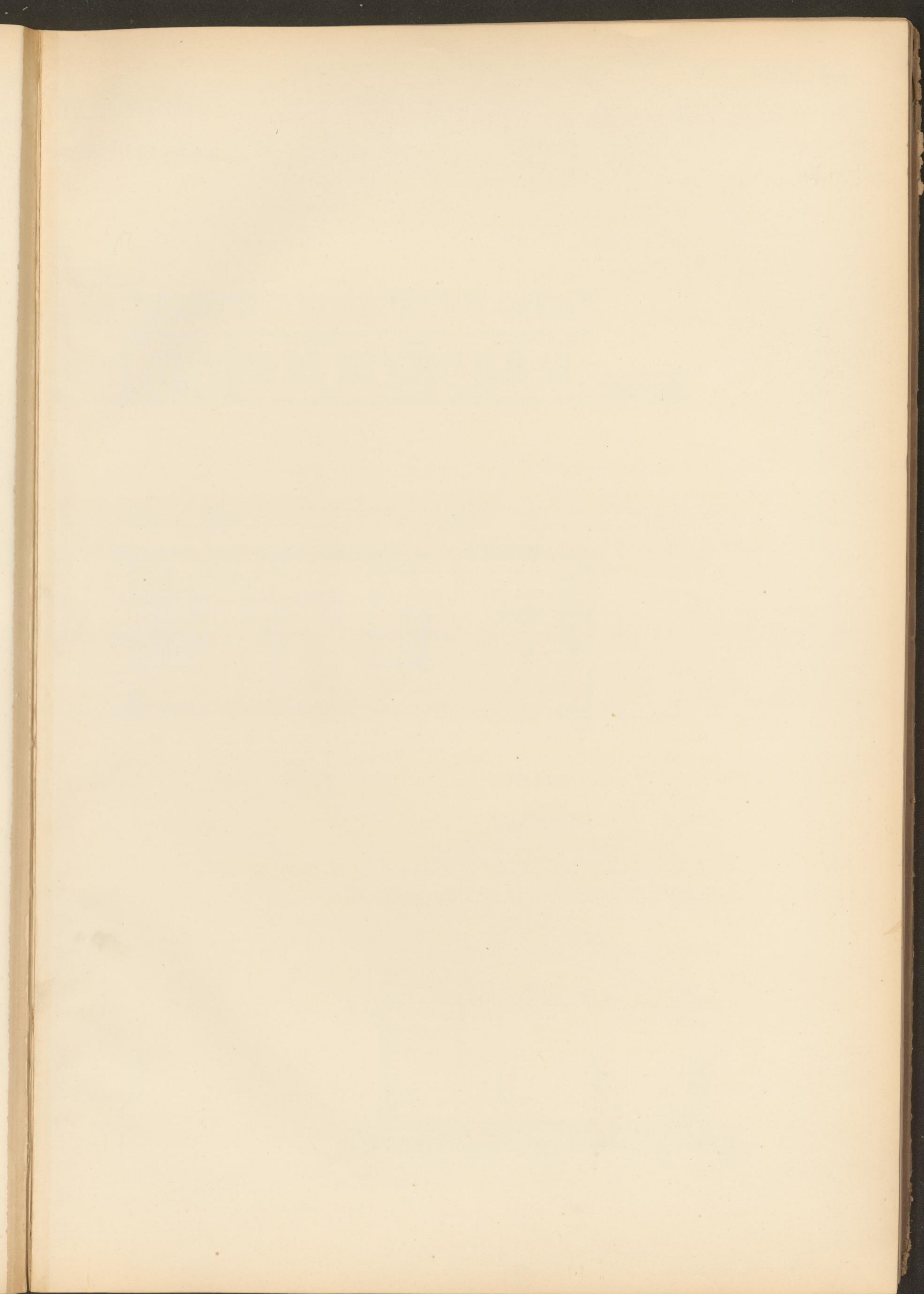


Grundriss.

Durchschnitt durch die Überfallkammer.

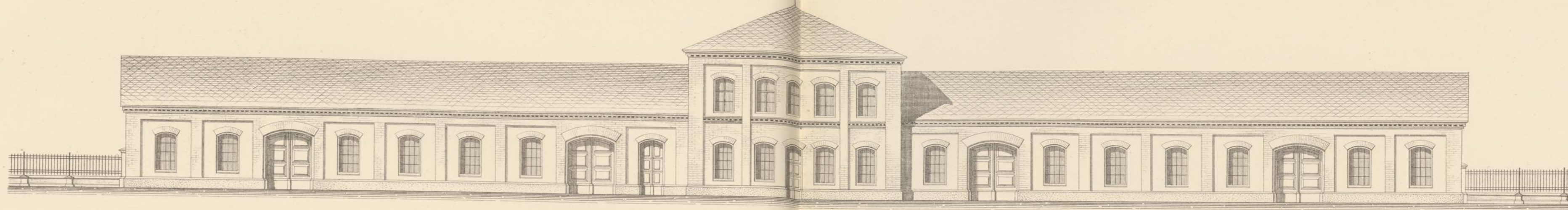




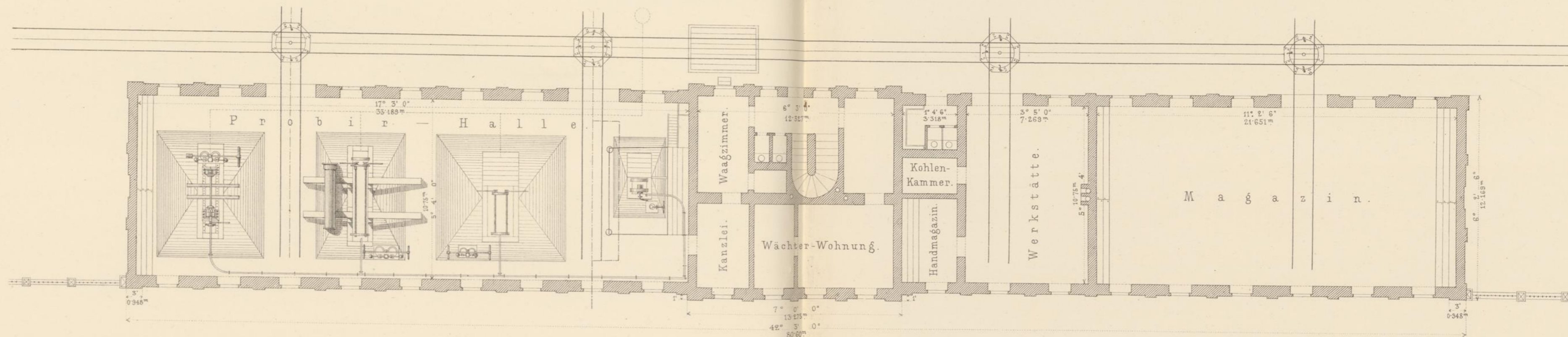


RÖHREN PROBIR-STATION
nächst dem Wasserbehälter am Laa'er Berg.

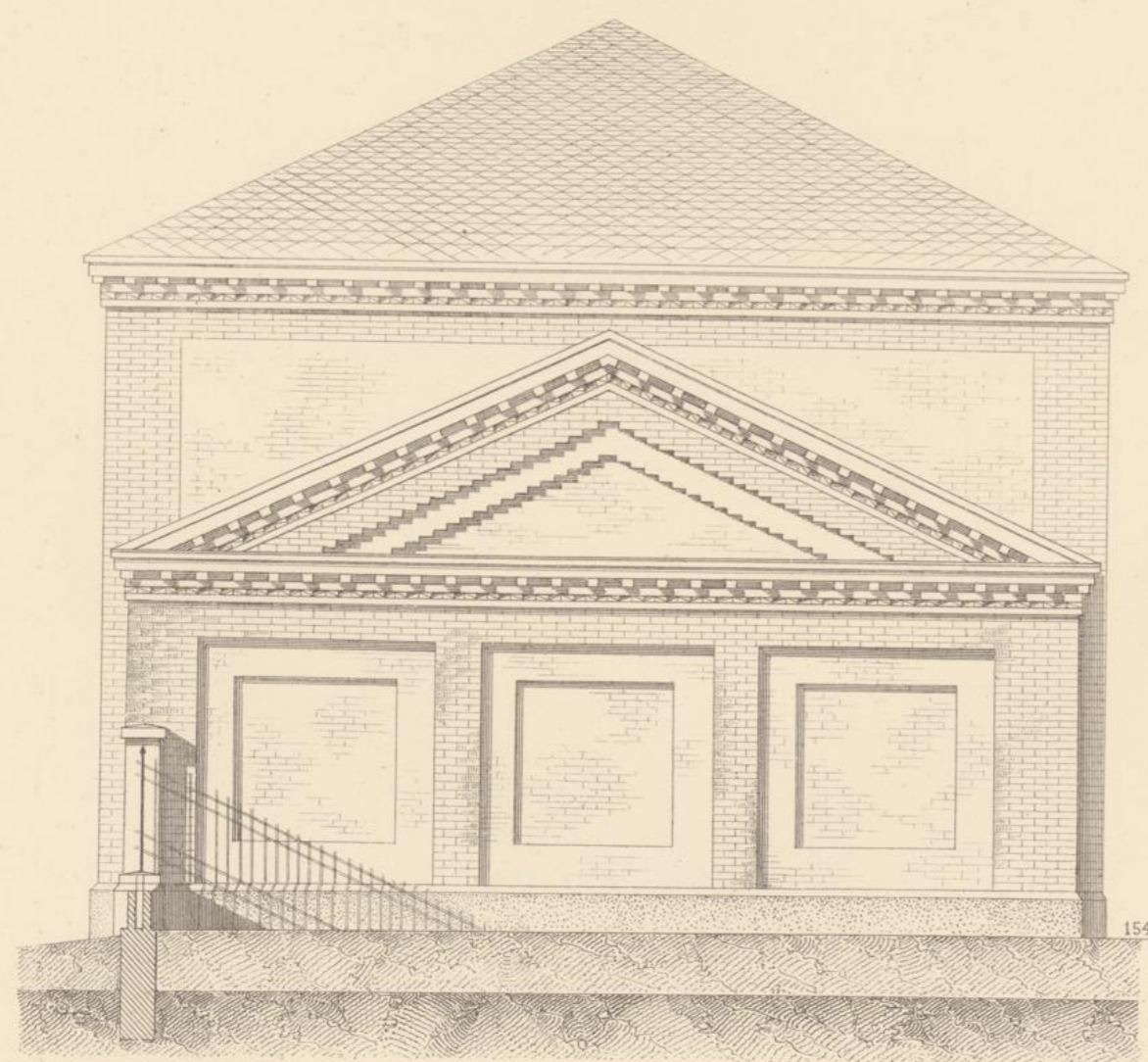
Façade.



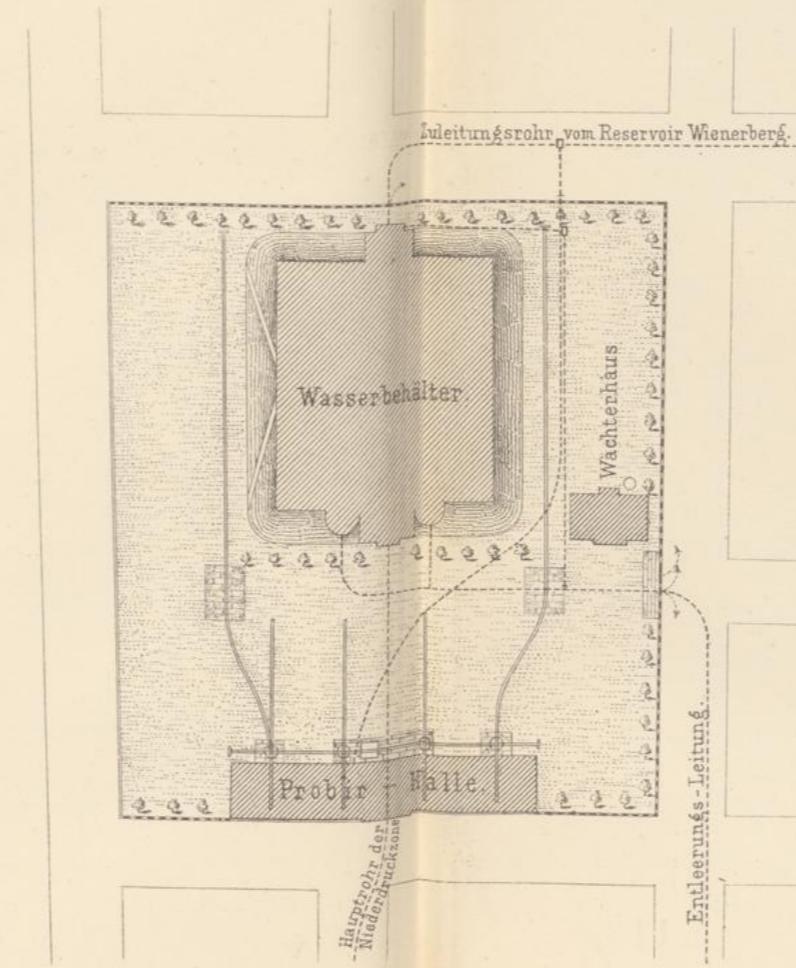
Grundriss.



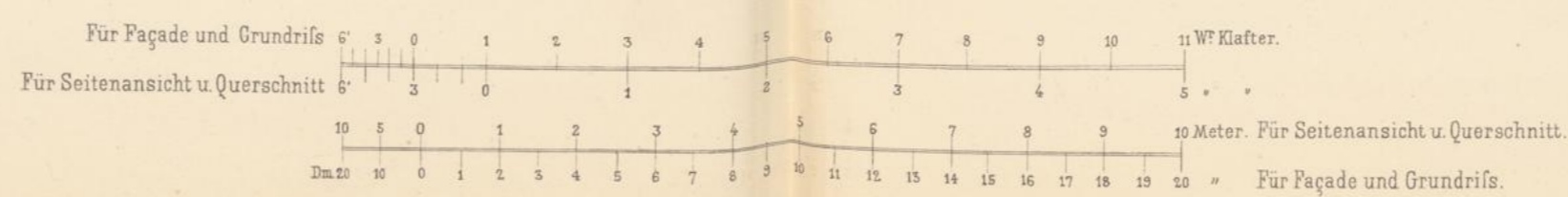
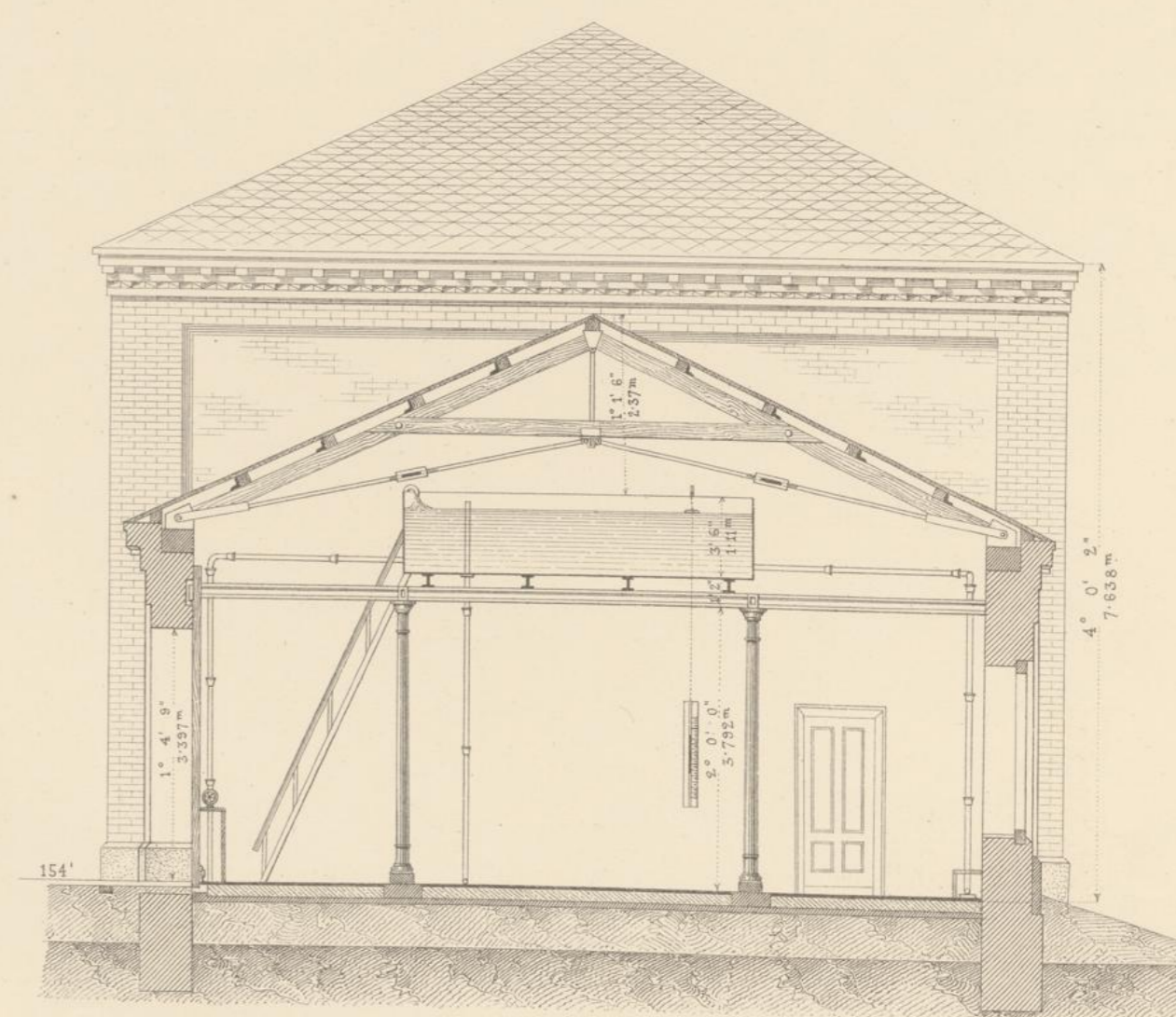
Seitenansicht.

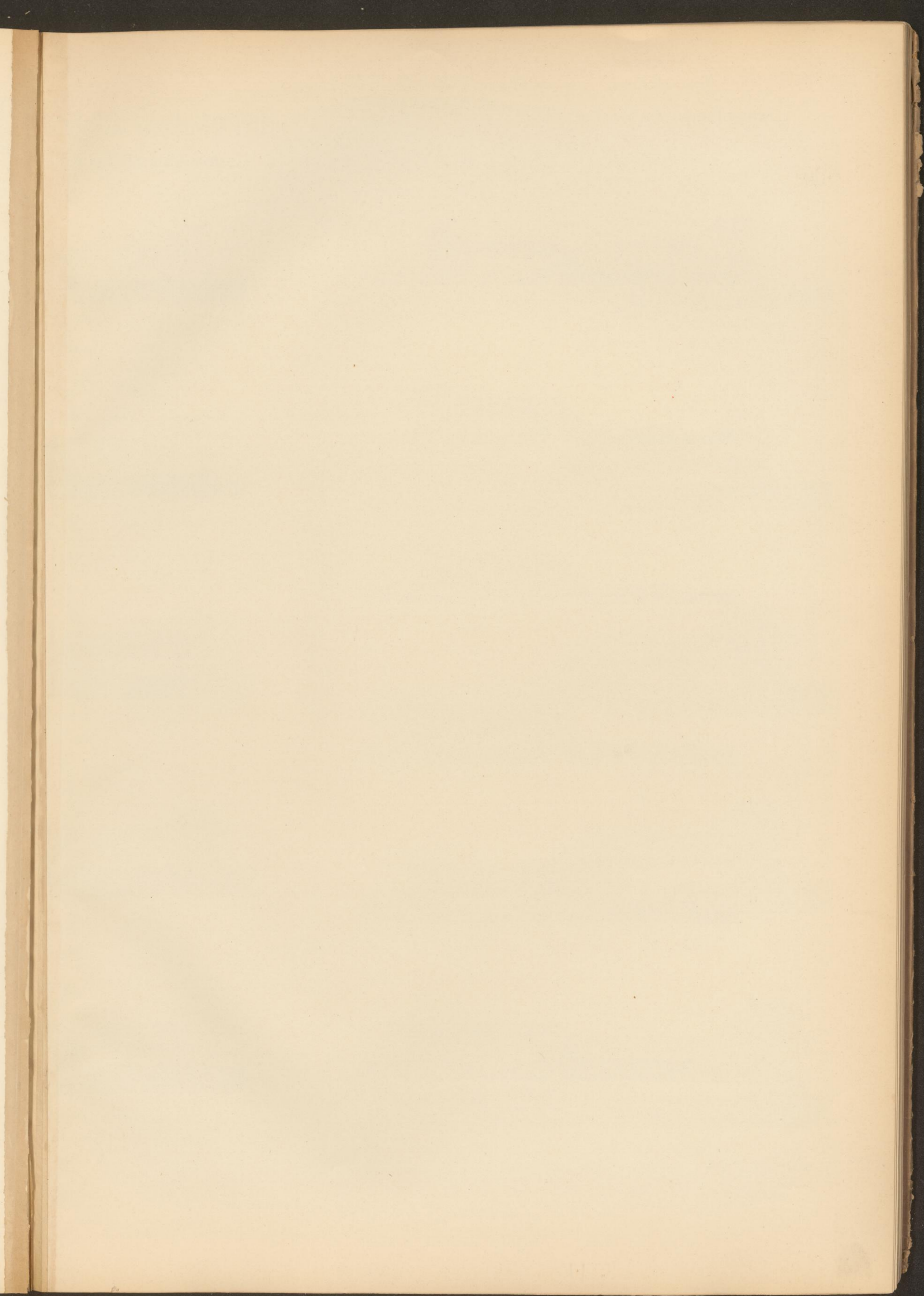


Situation.



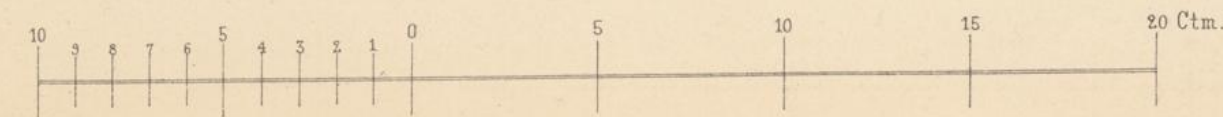
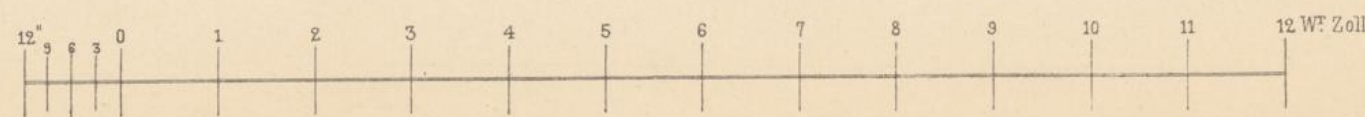
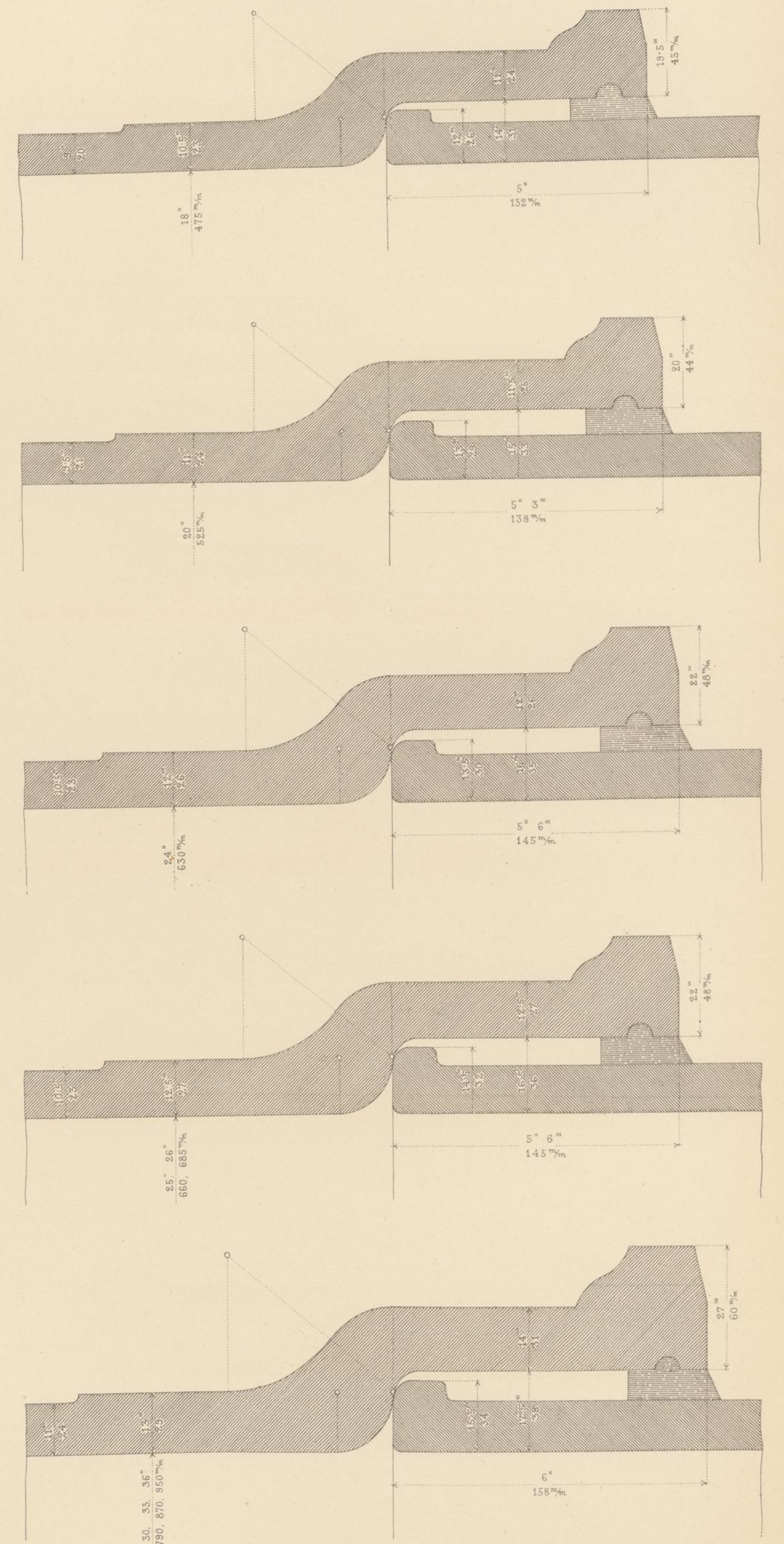
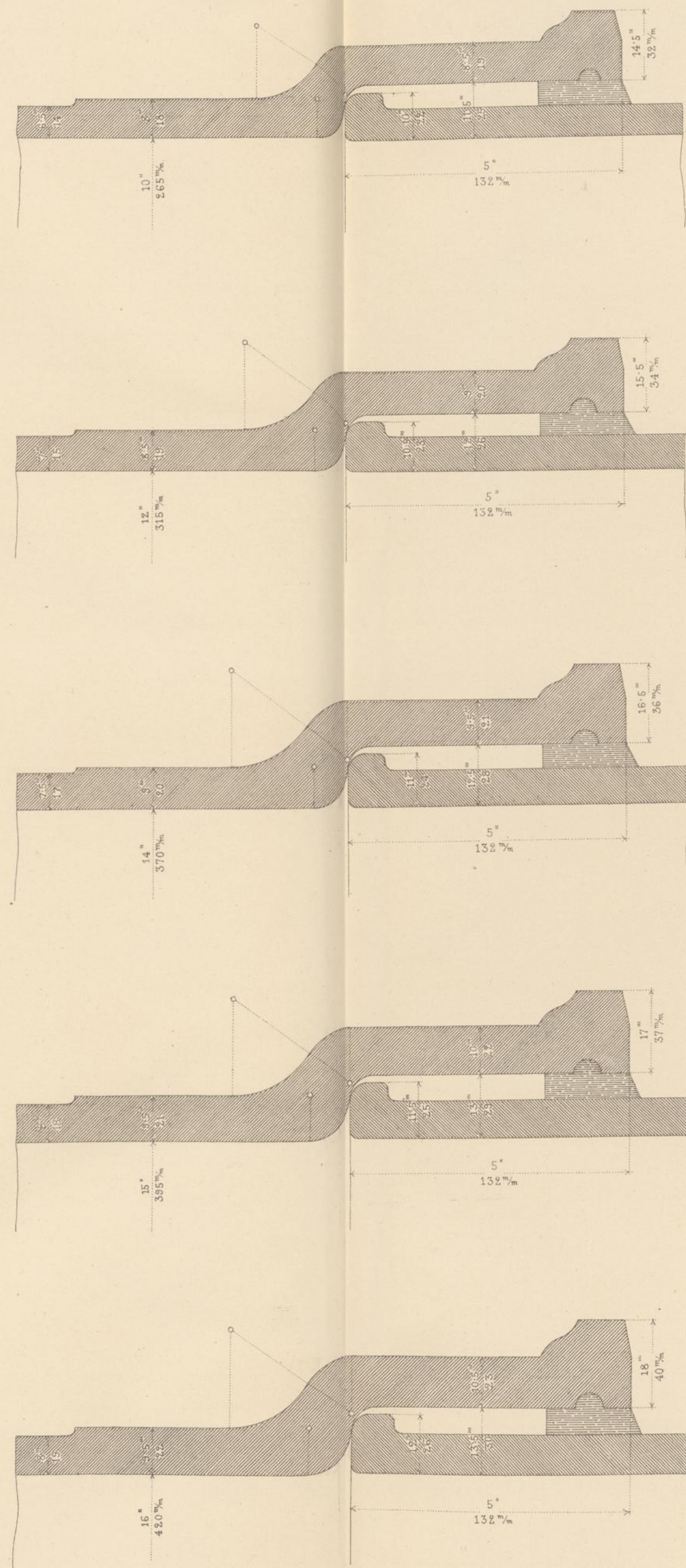
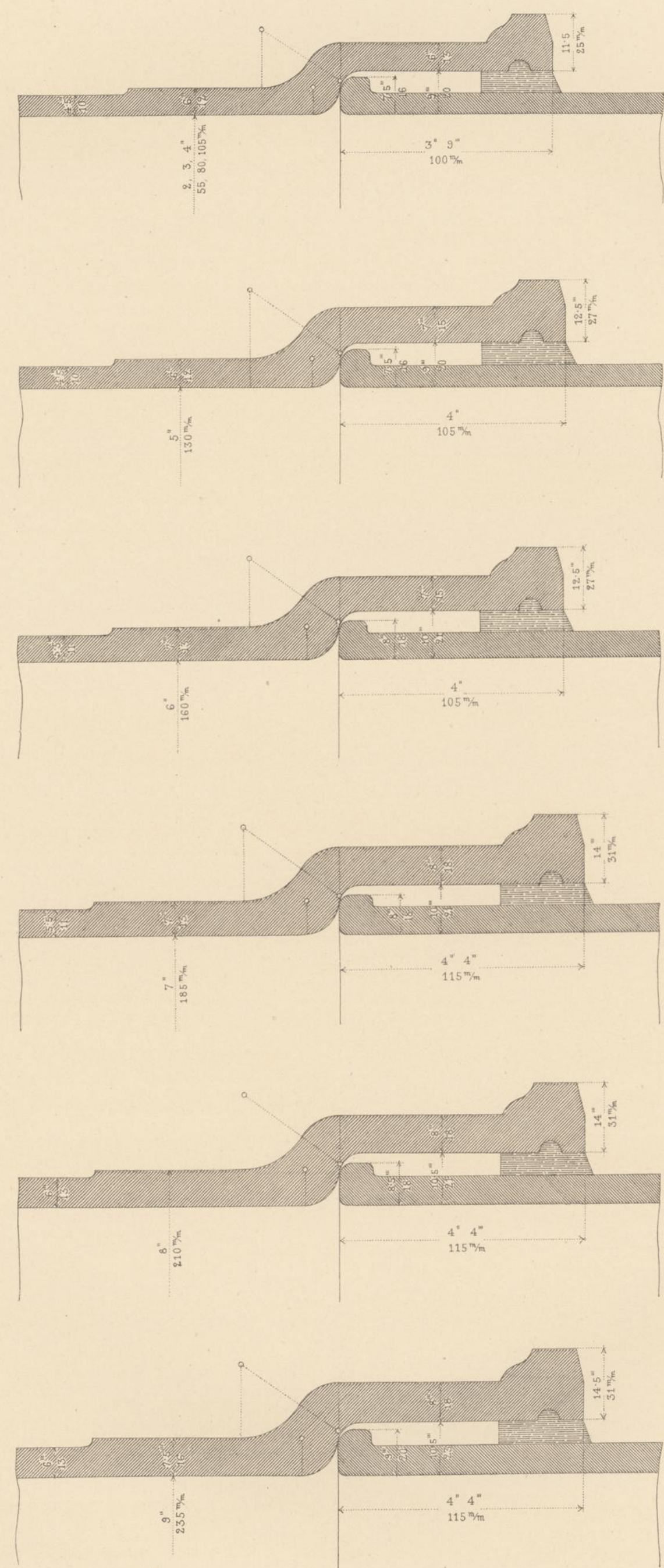
Querschnitt.

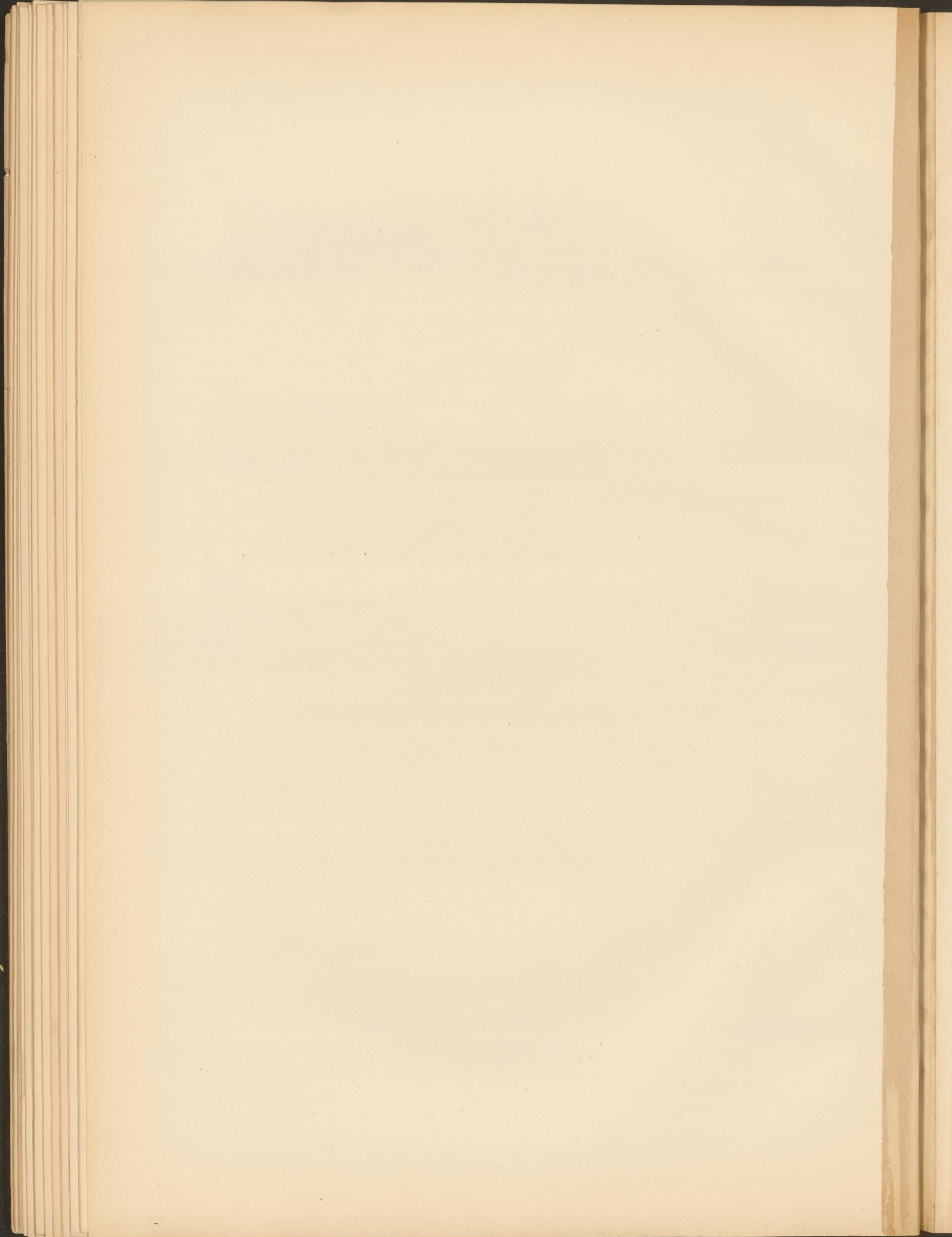


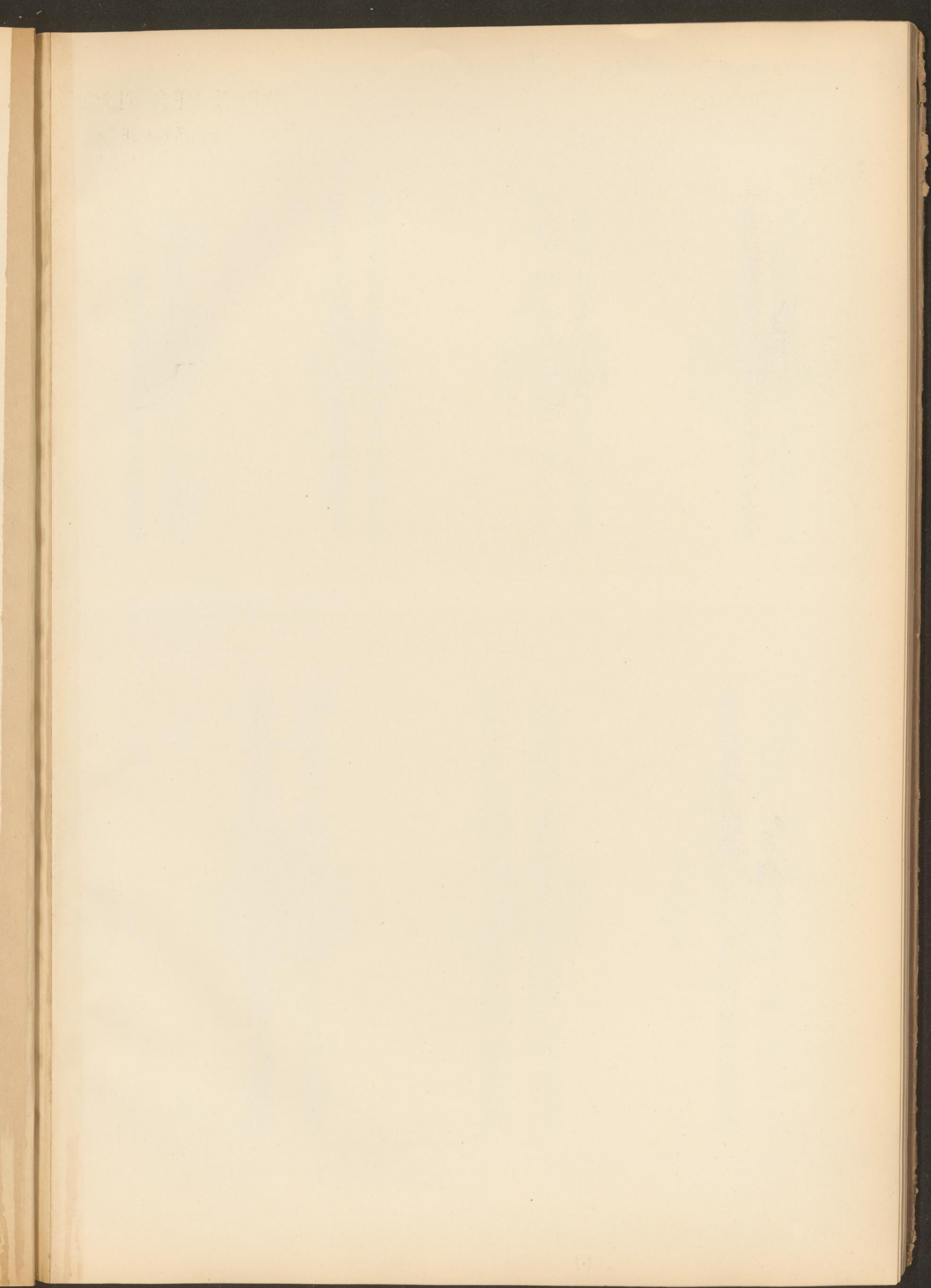


TYPEN DER GERADEN MUFFENROHRE.

von 3 bis 36 Zoll = 80 bis 950^{mm} Durchmesser.

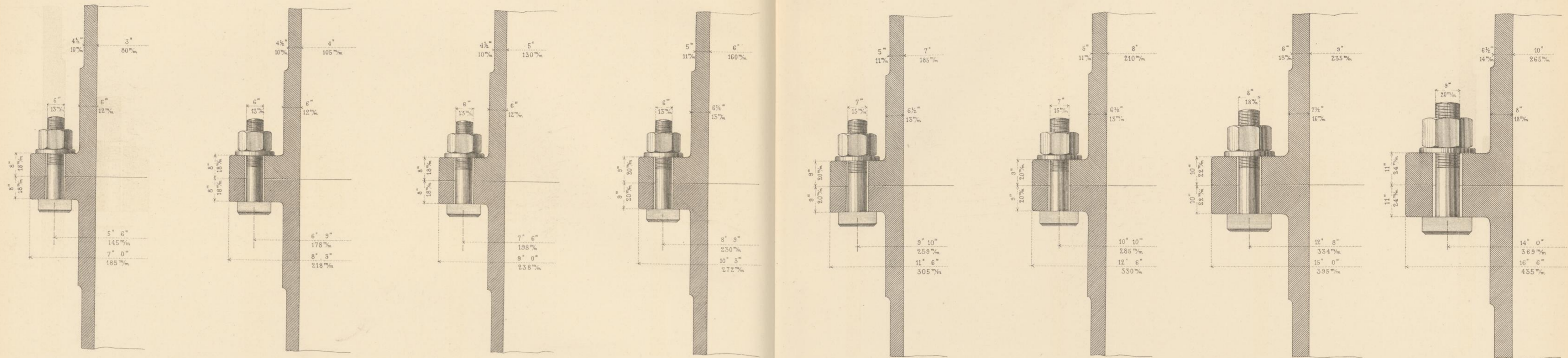






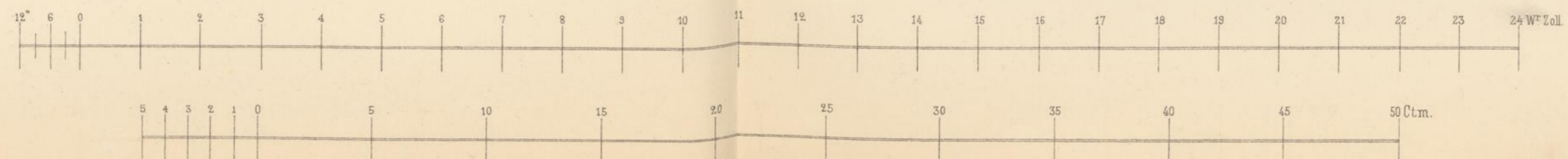
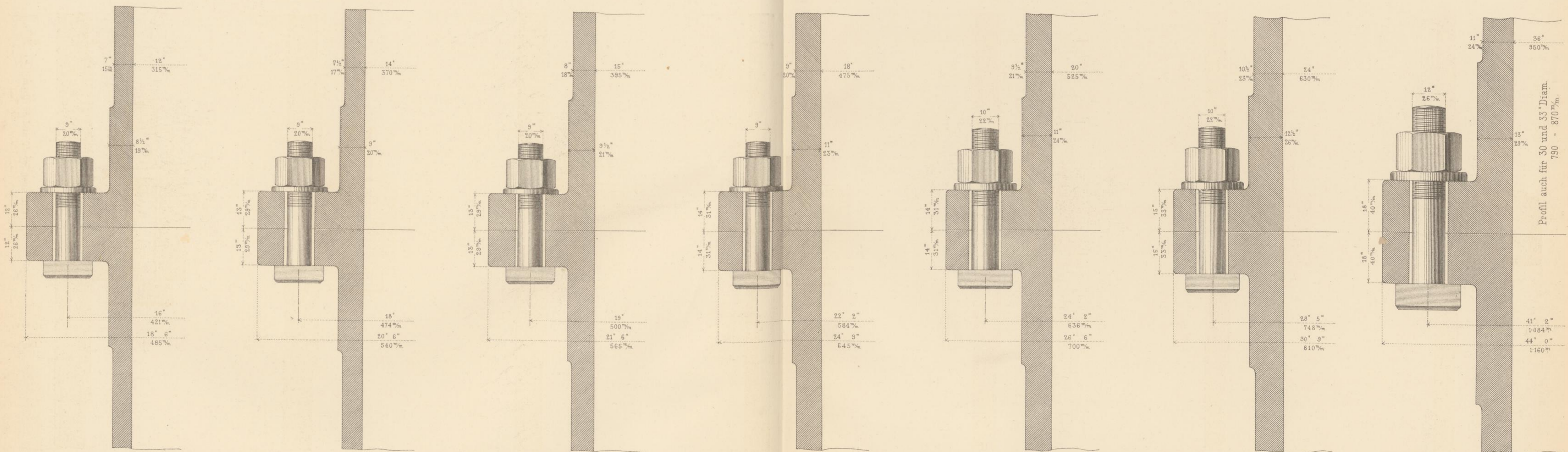
TYPEN DER FLANTSCHENVERBINDUNGEN

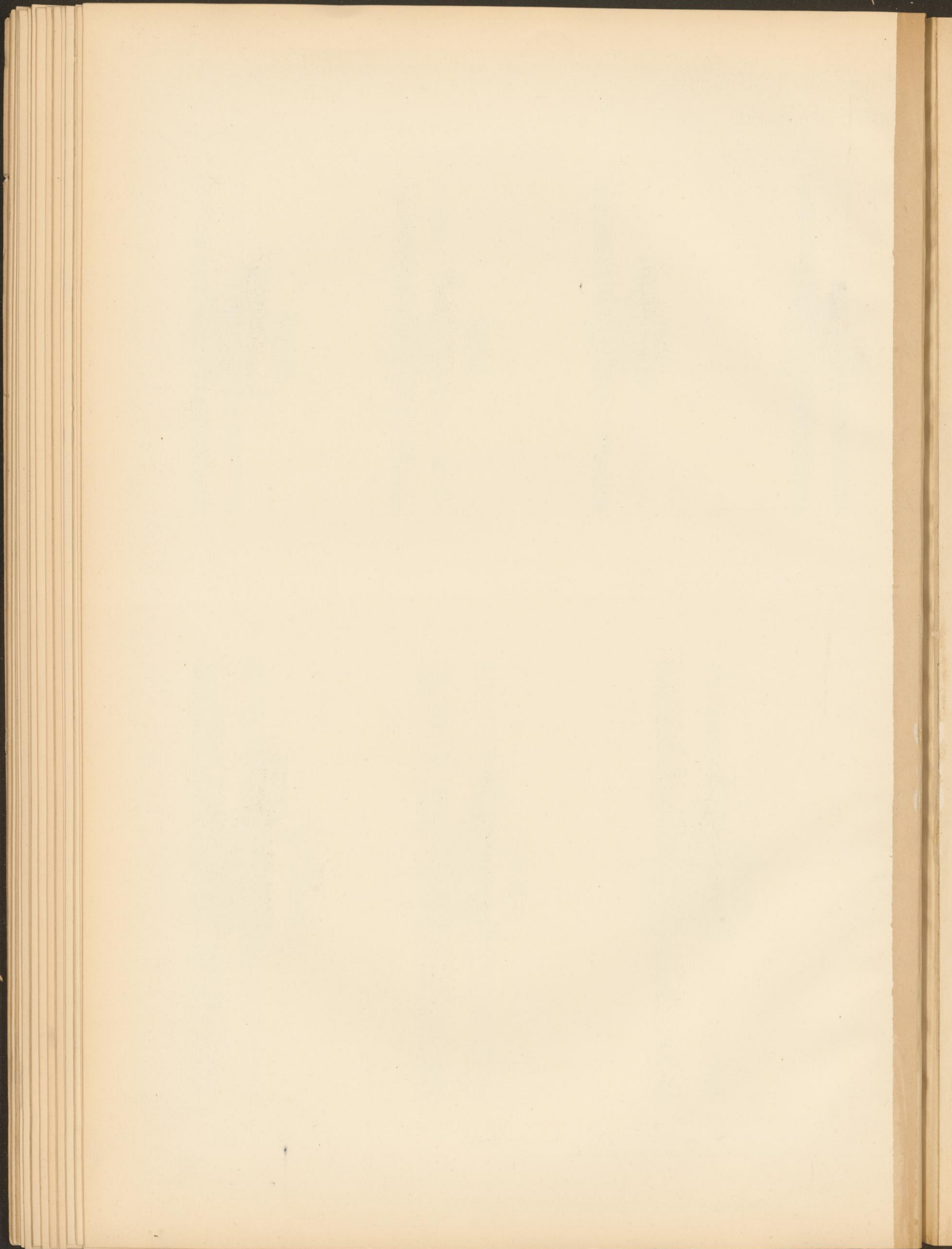
von 3 bis 36 Zoll = 80 bis 950^{mm} Durchmesser.

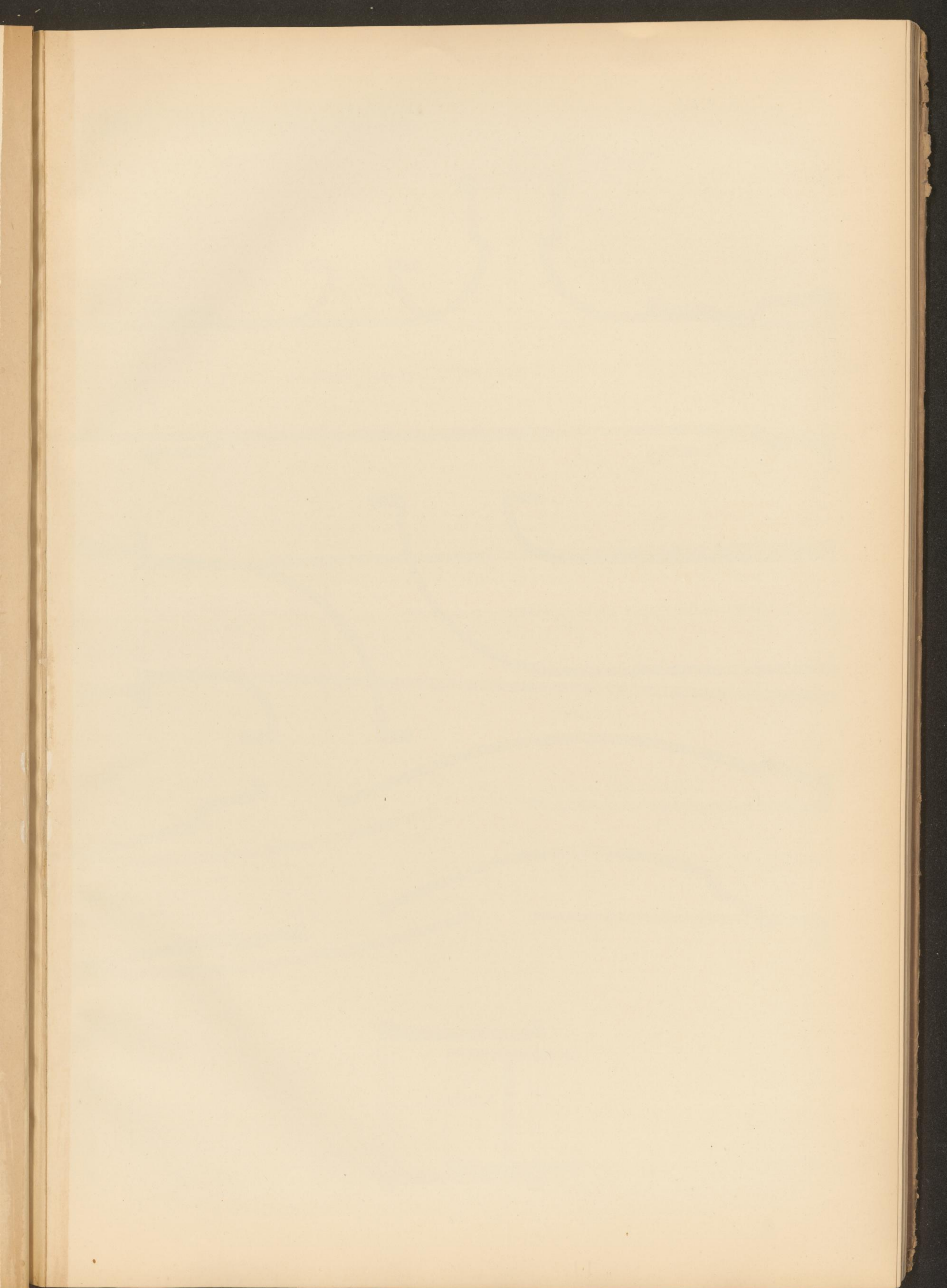


Anzahl der Schraubenbolzen für:

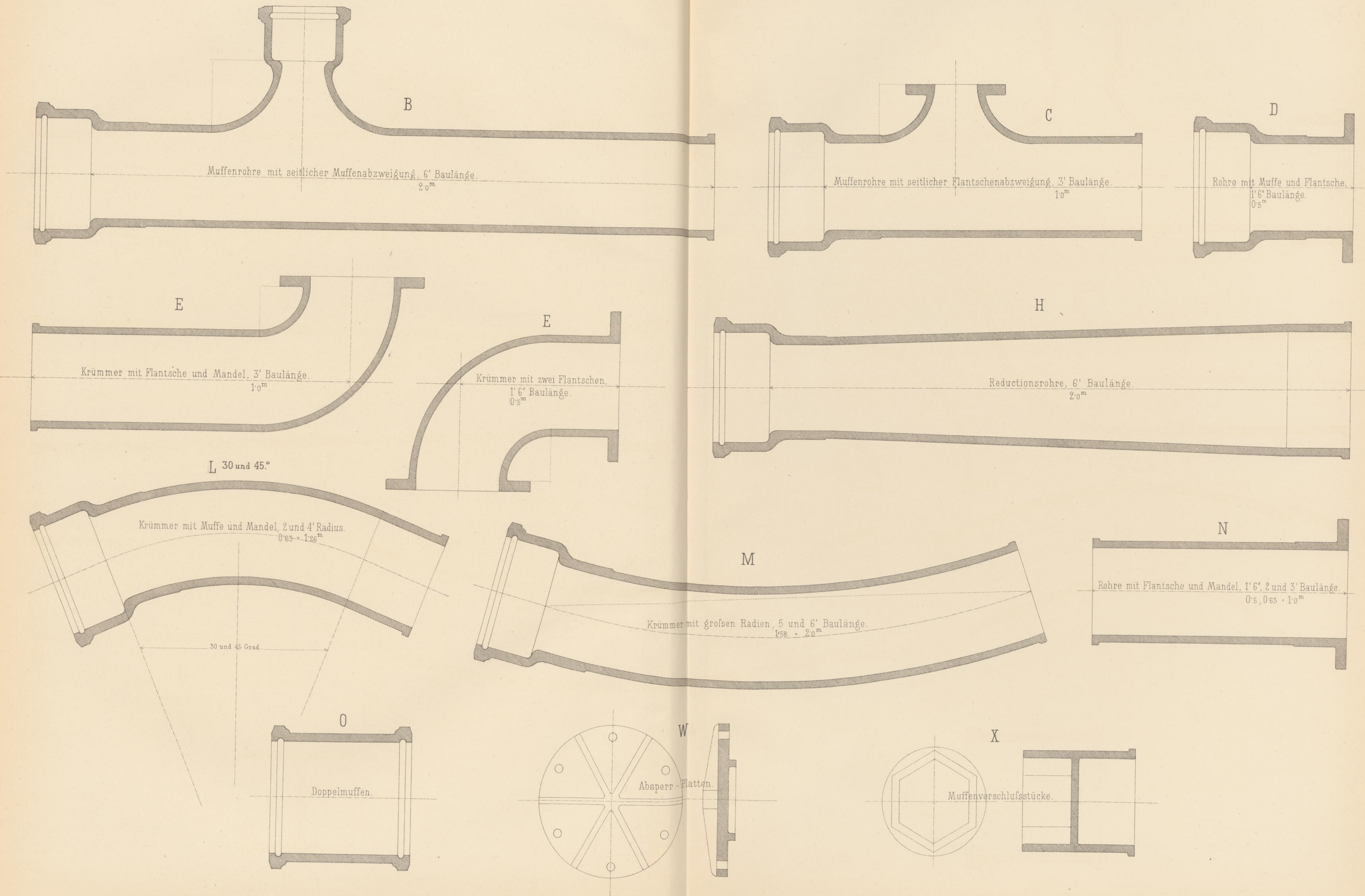
3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	15"	18"	20"	24"	30"	33"	36"
80	105	130	160	185	210	235	265	315	370	395	475	525	630	790	870	950
Millimeter.																
4	4	4	6	6	6	8	8	10	10	10	12	16	20			
Stück.																

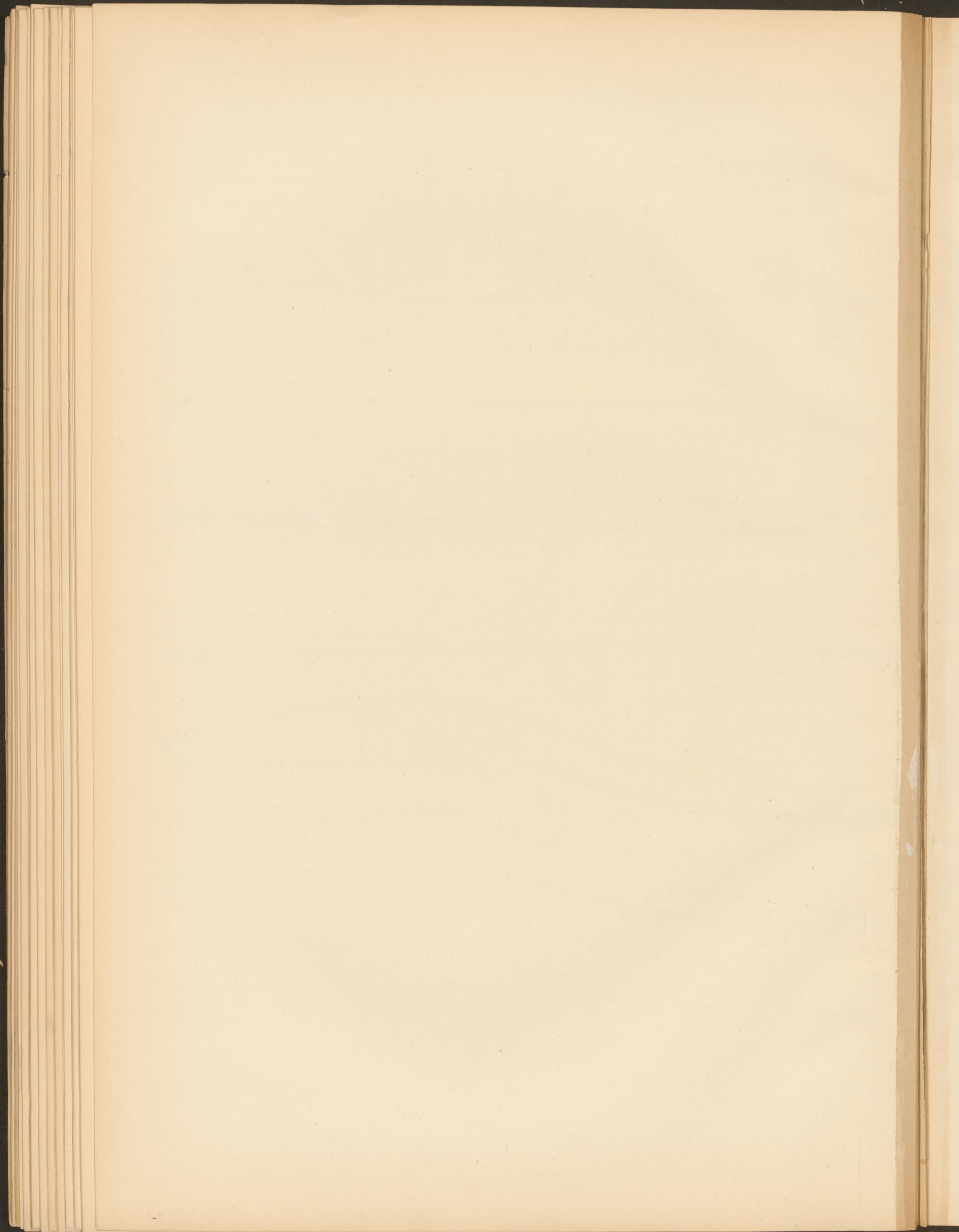


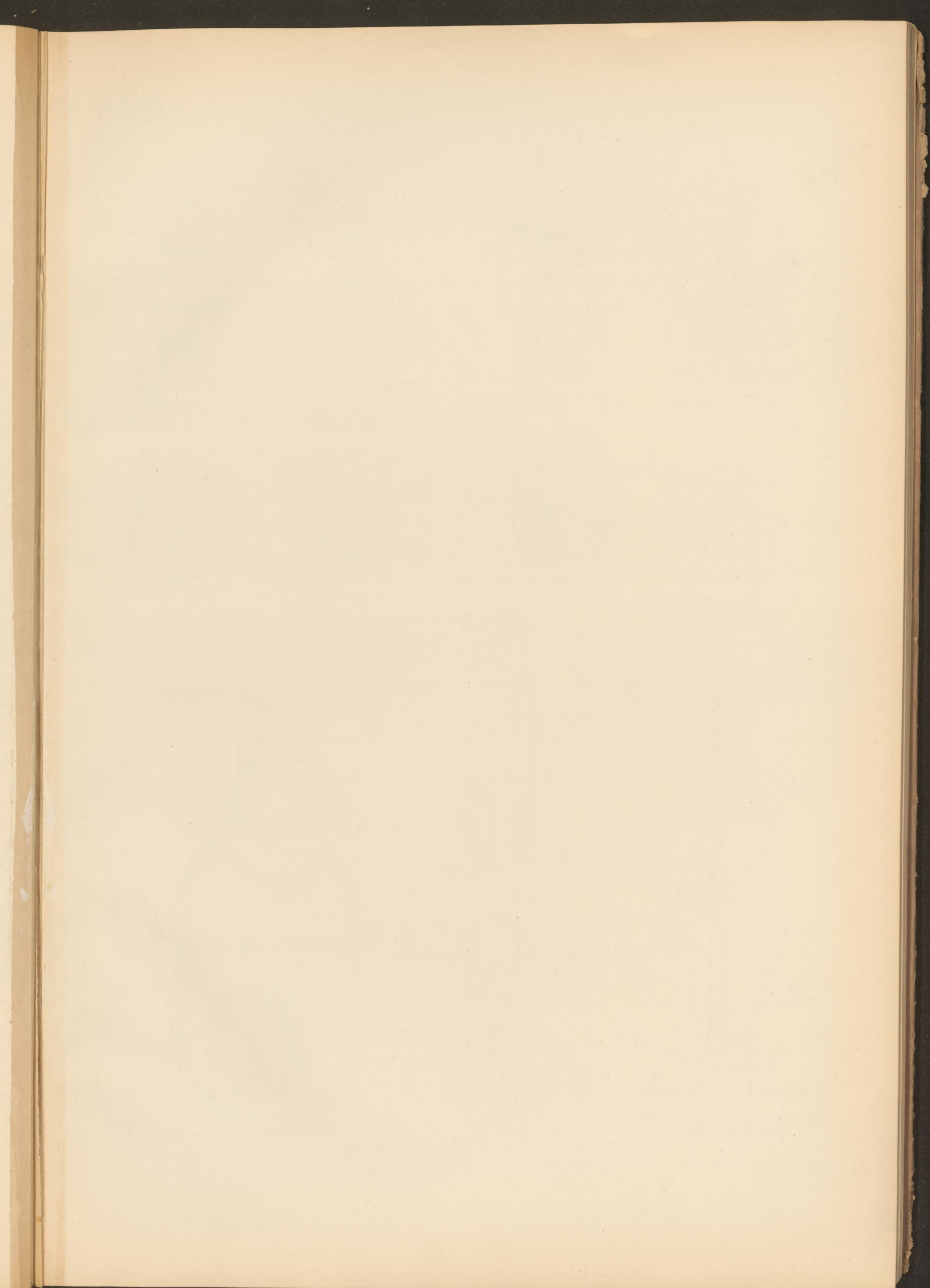


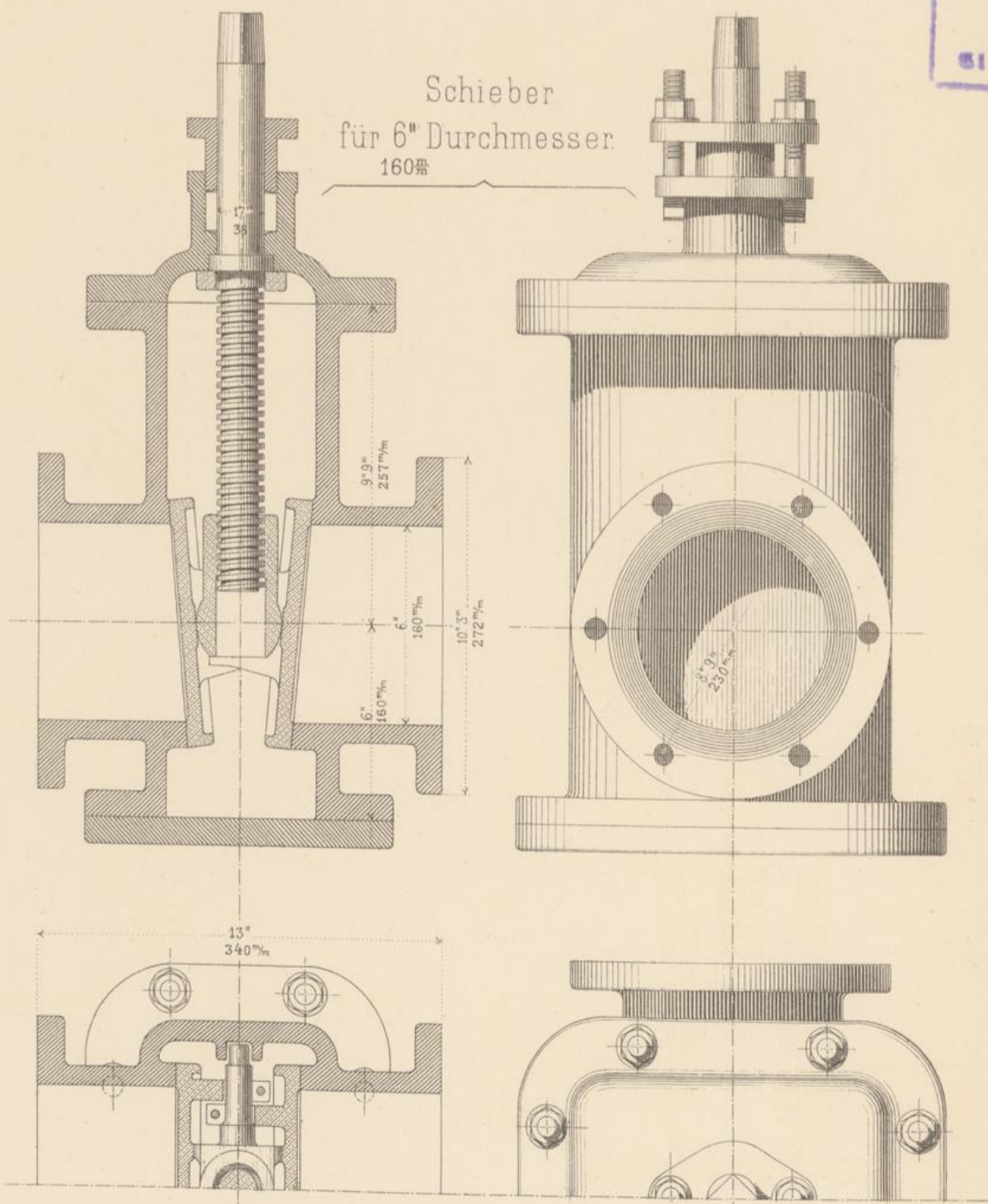
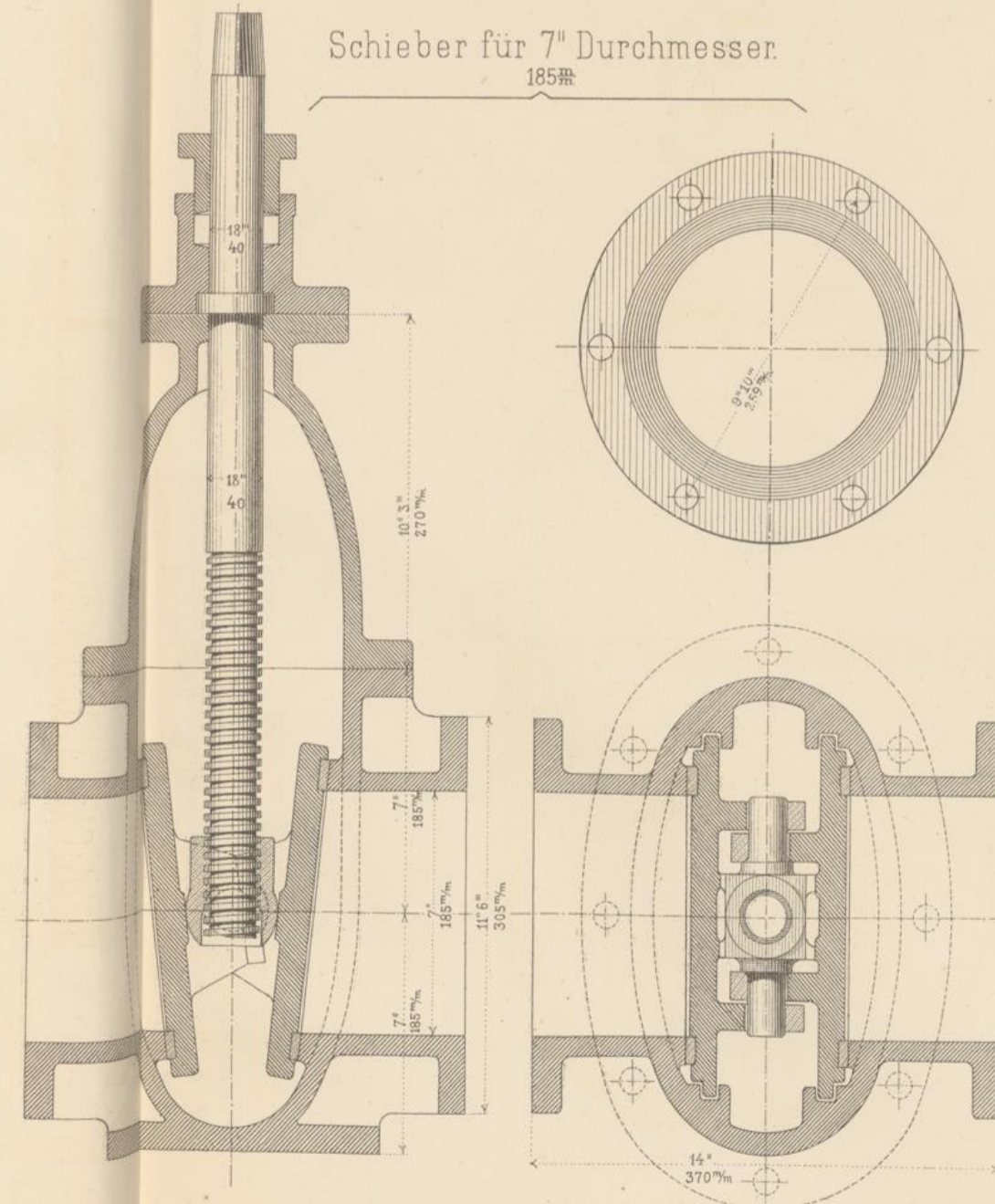
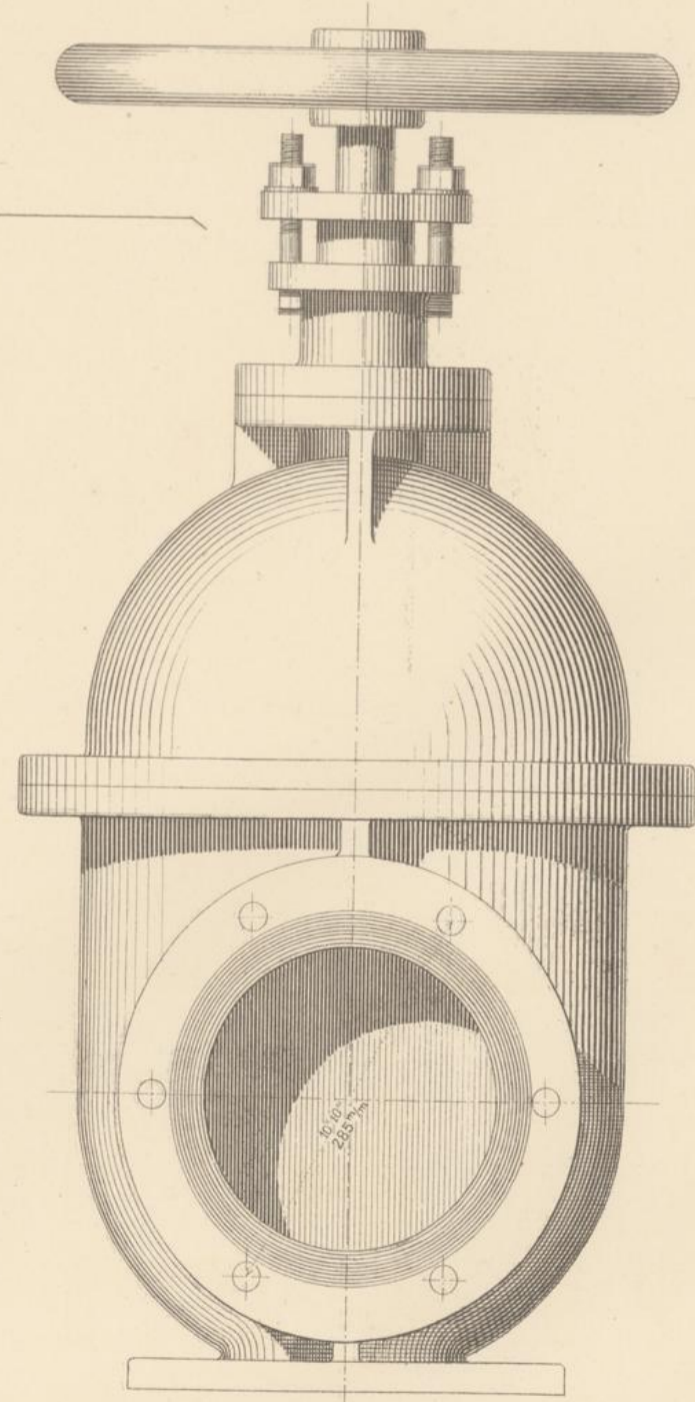
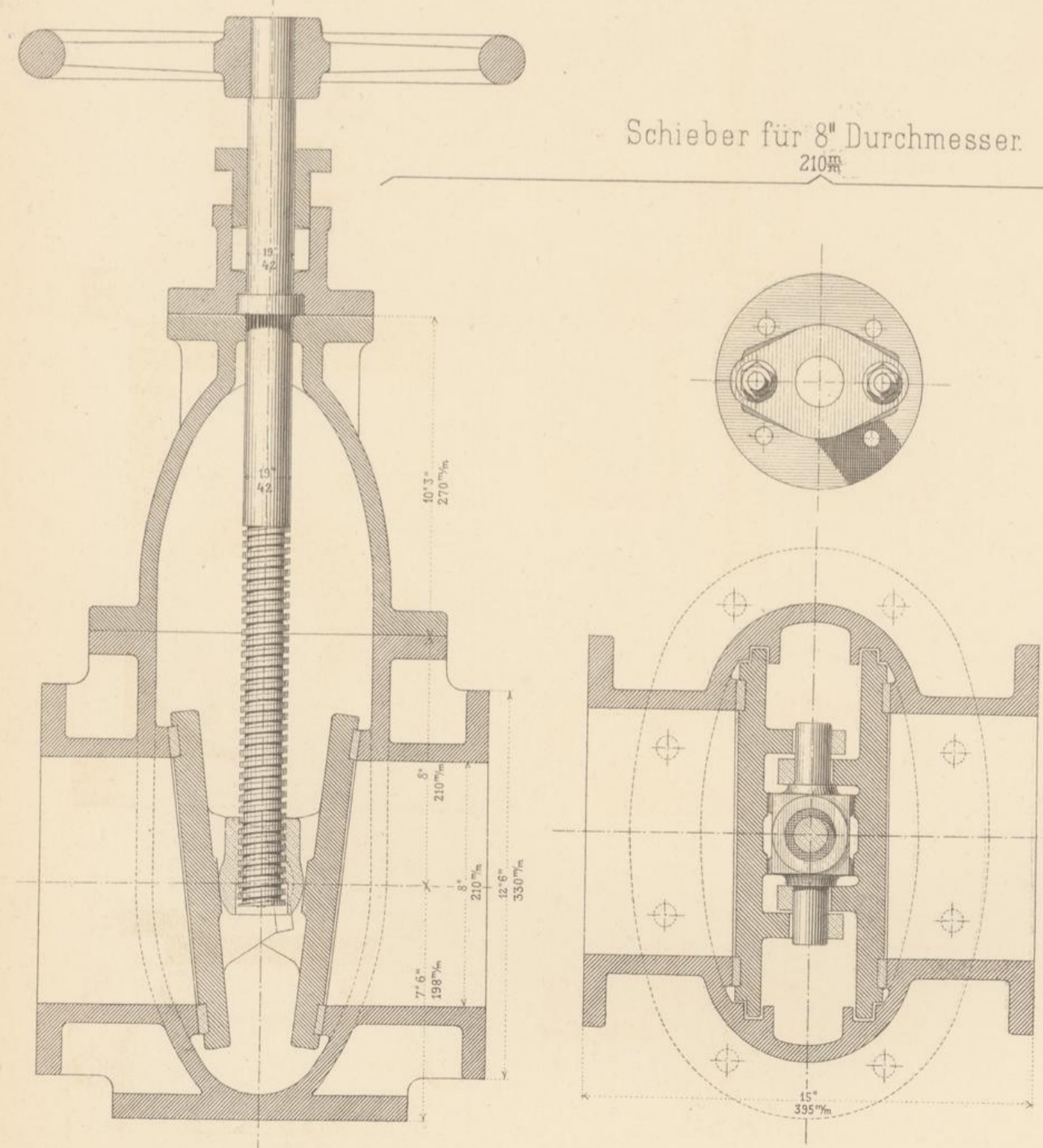
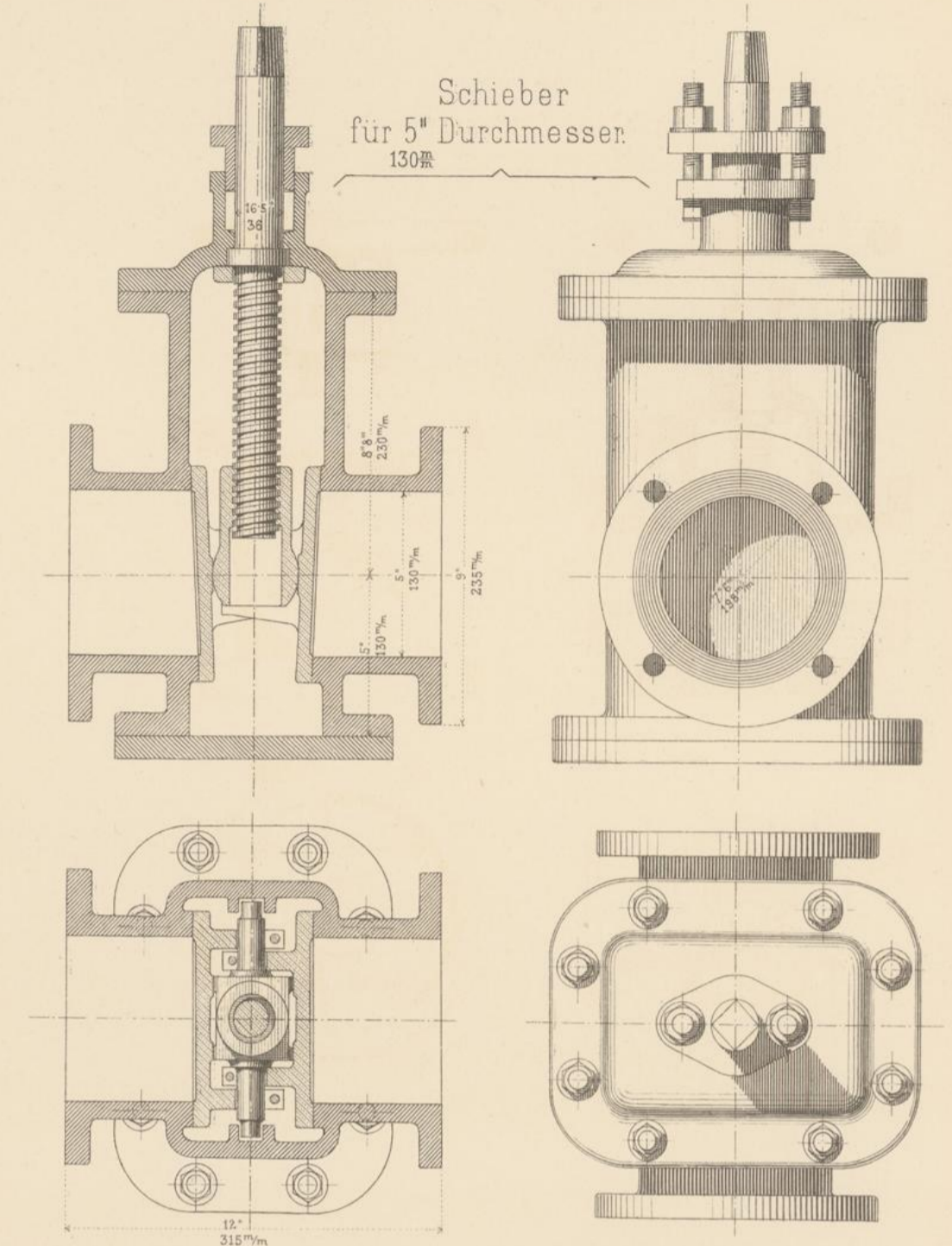
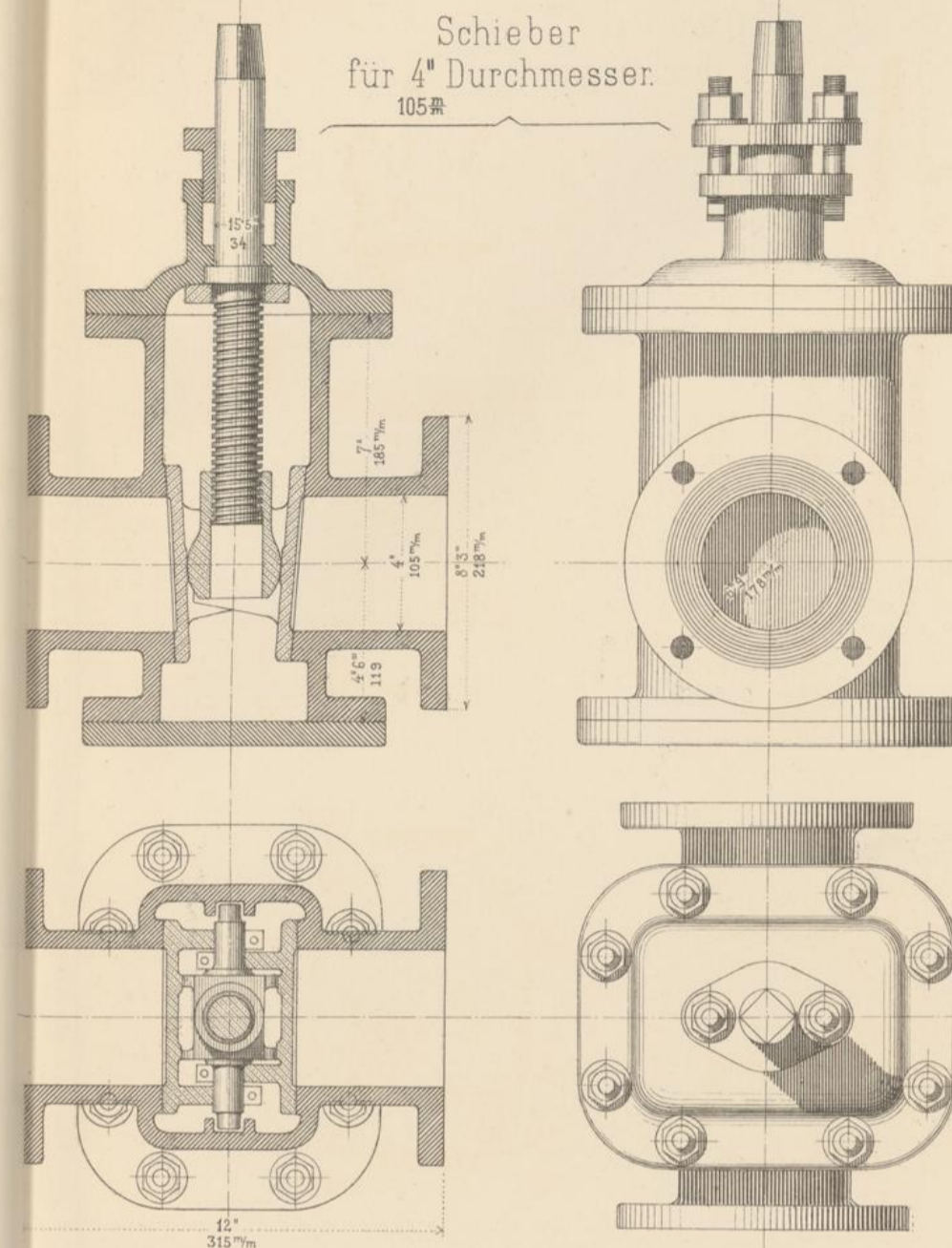
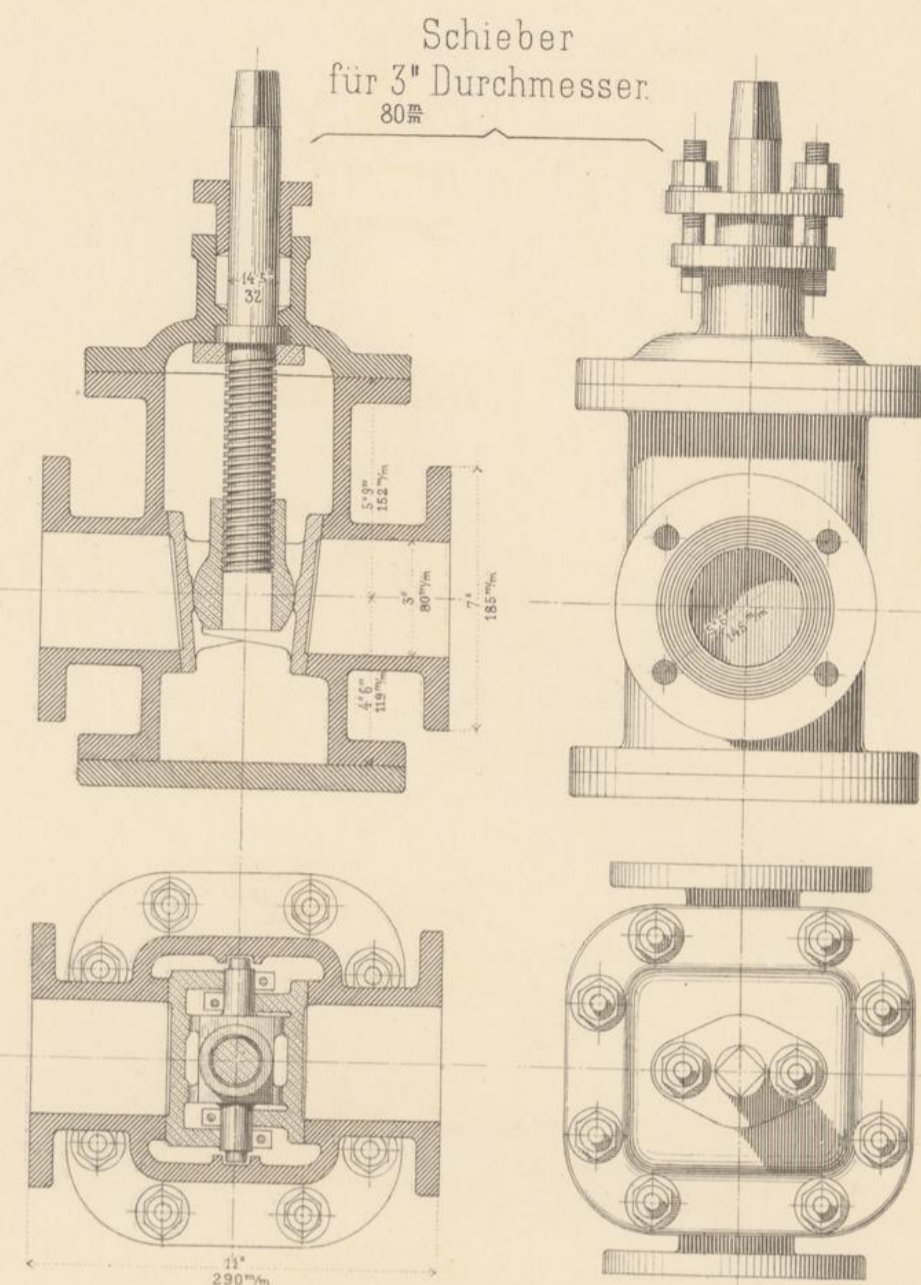
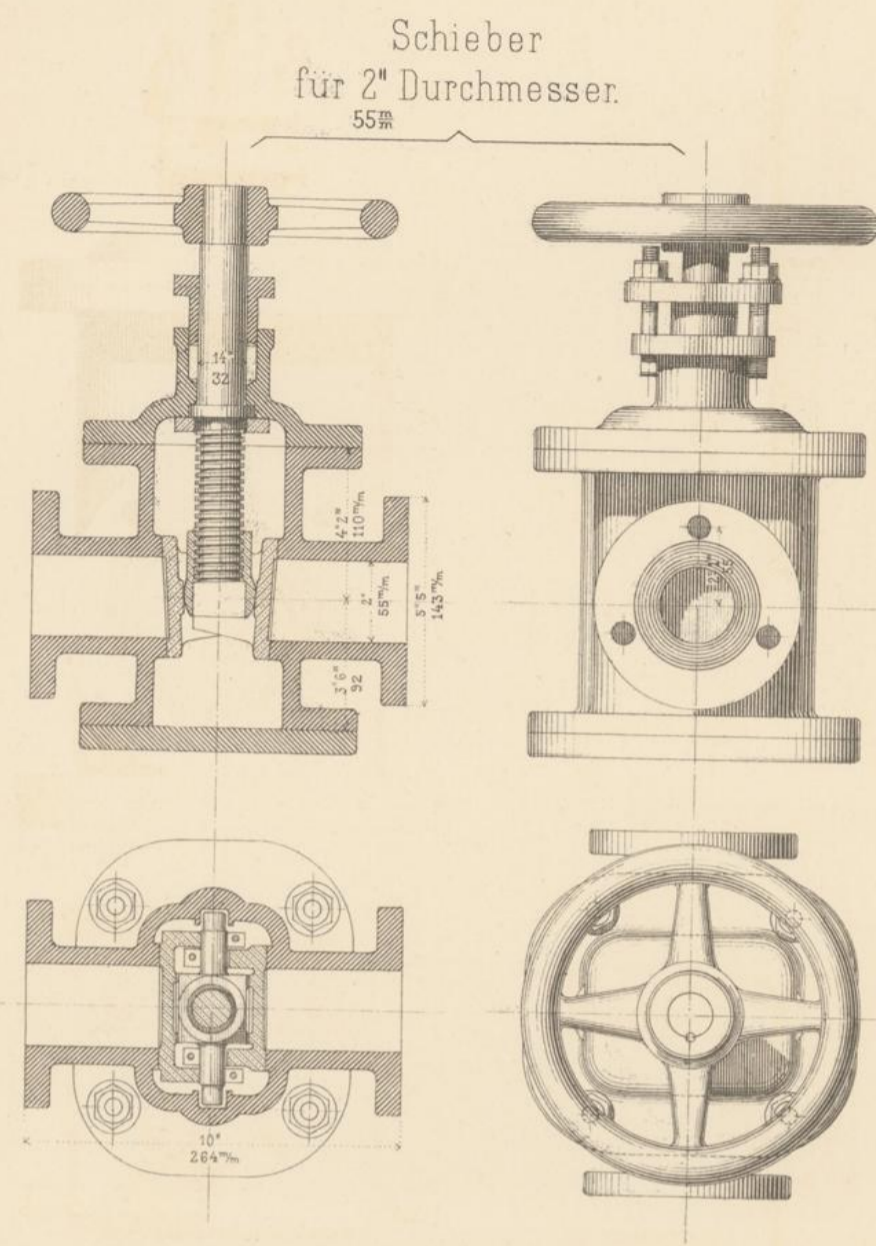


TYPEN DER FAÇONSTÜCKE DES GESAMMTEN RÖHRENNETZES.

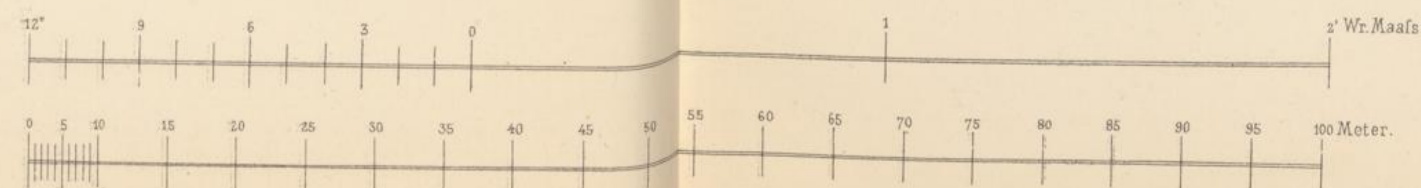


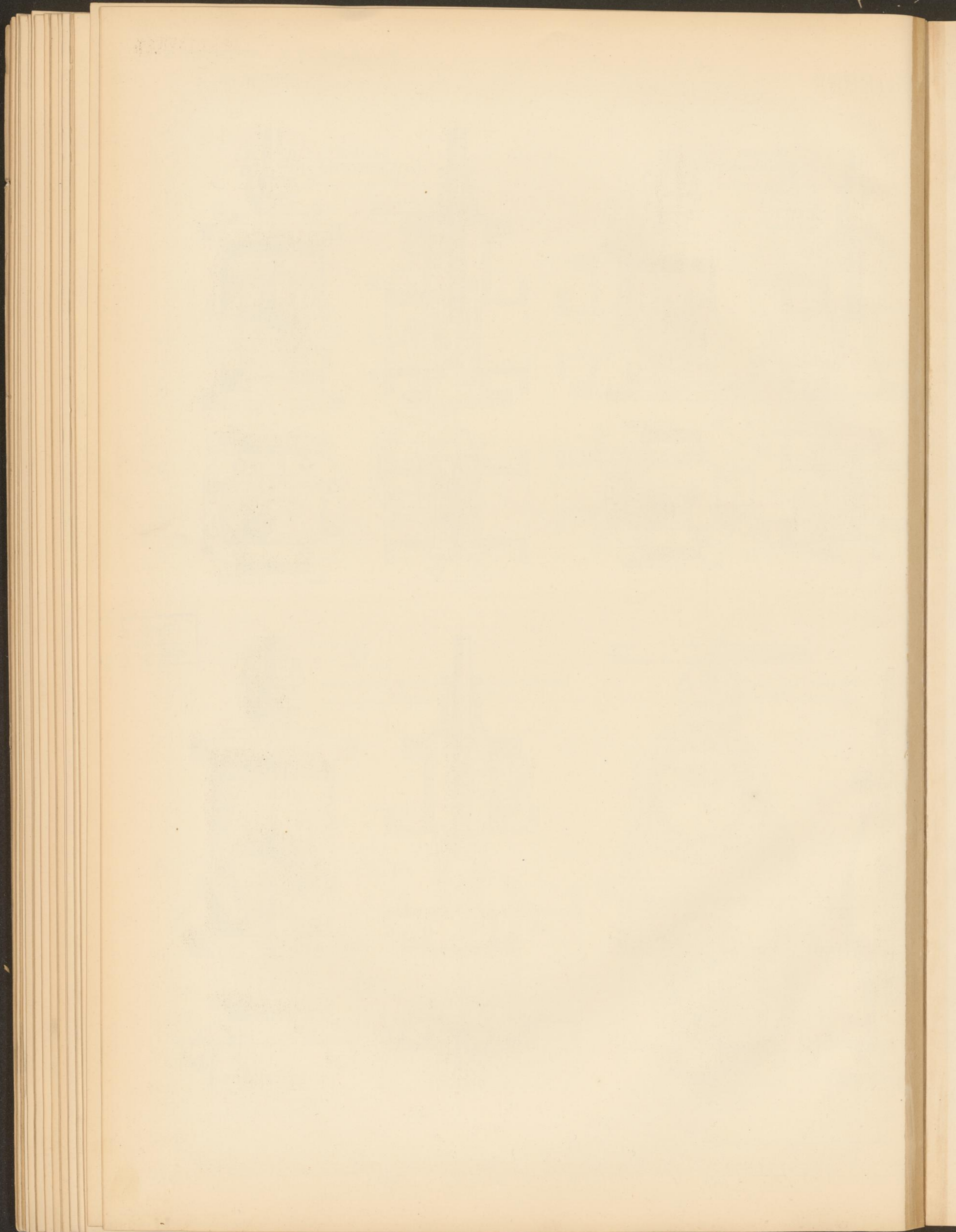


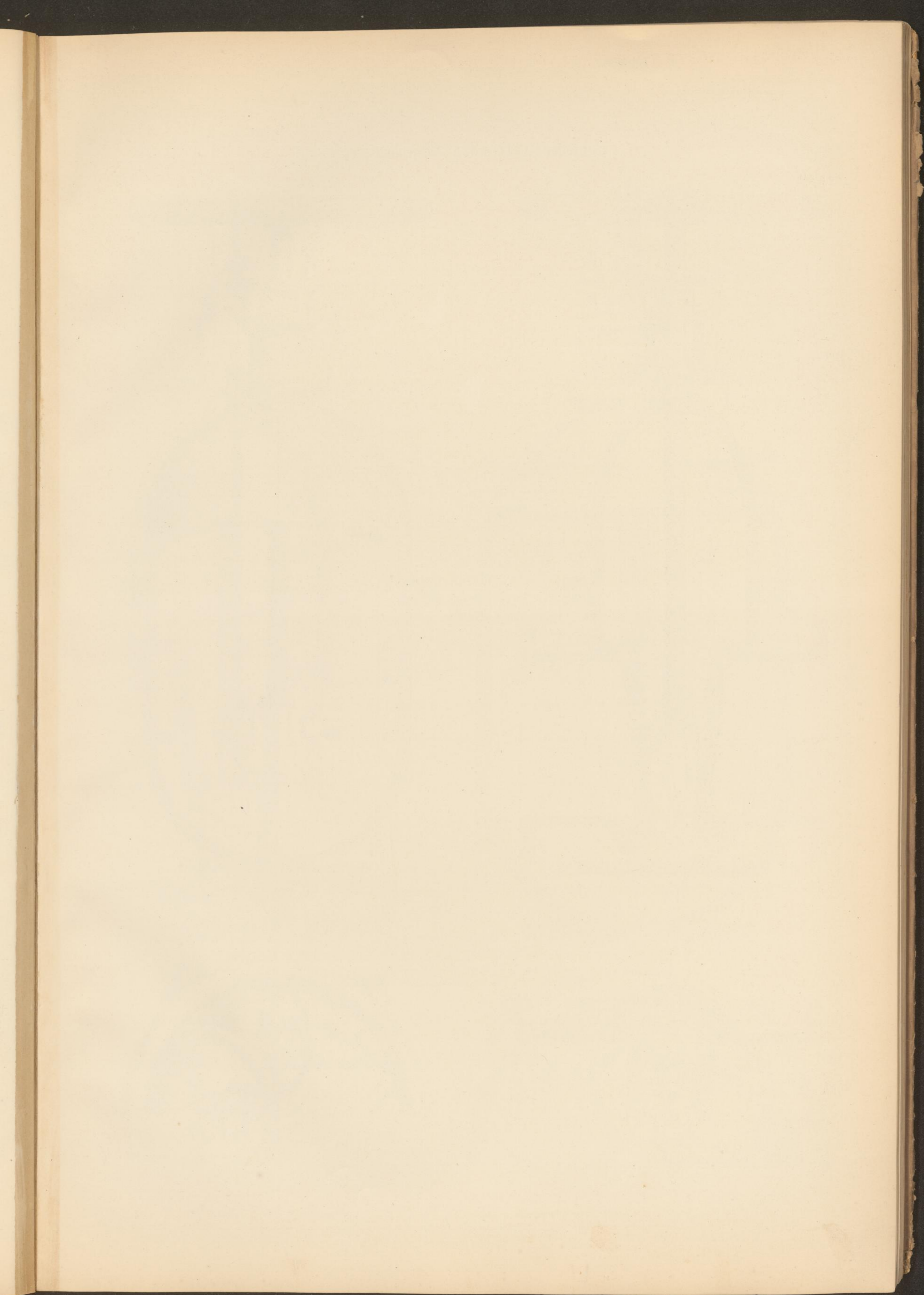


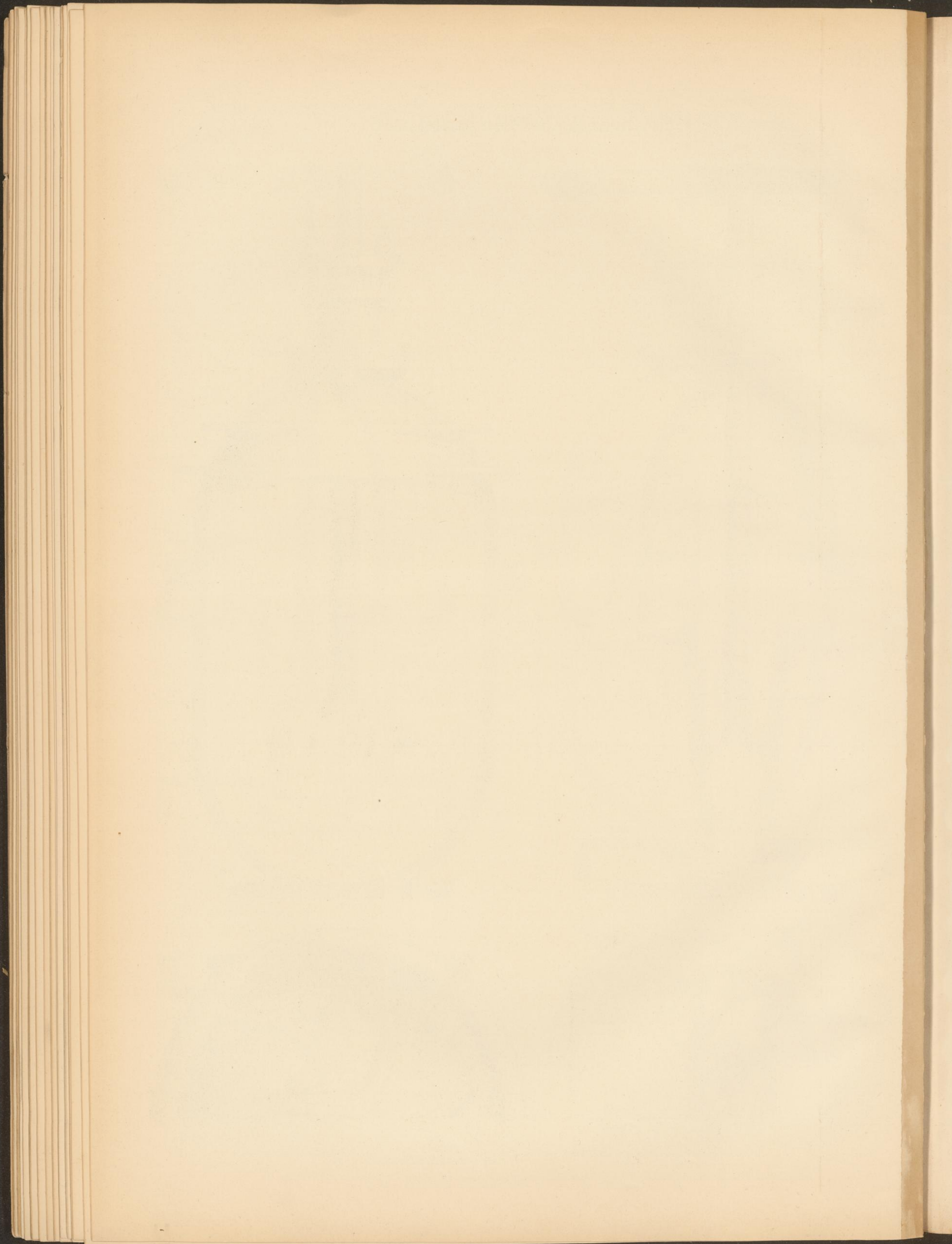


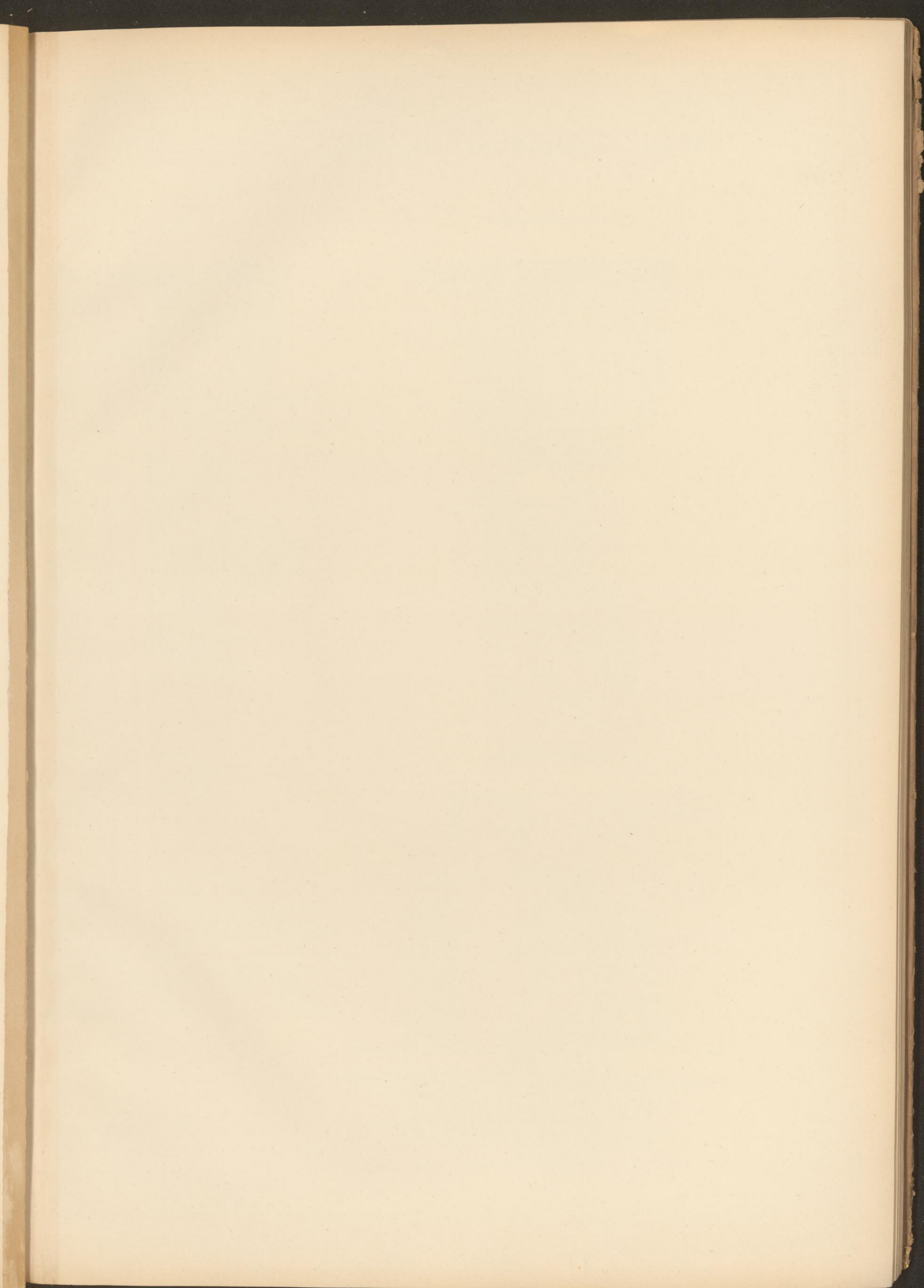
Wäheret
im Wiener
Stadl-Bezirk







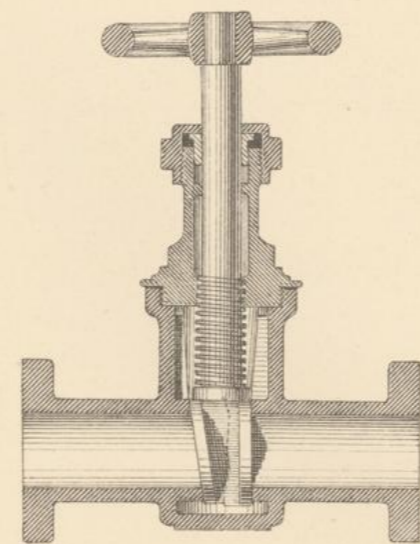
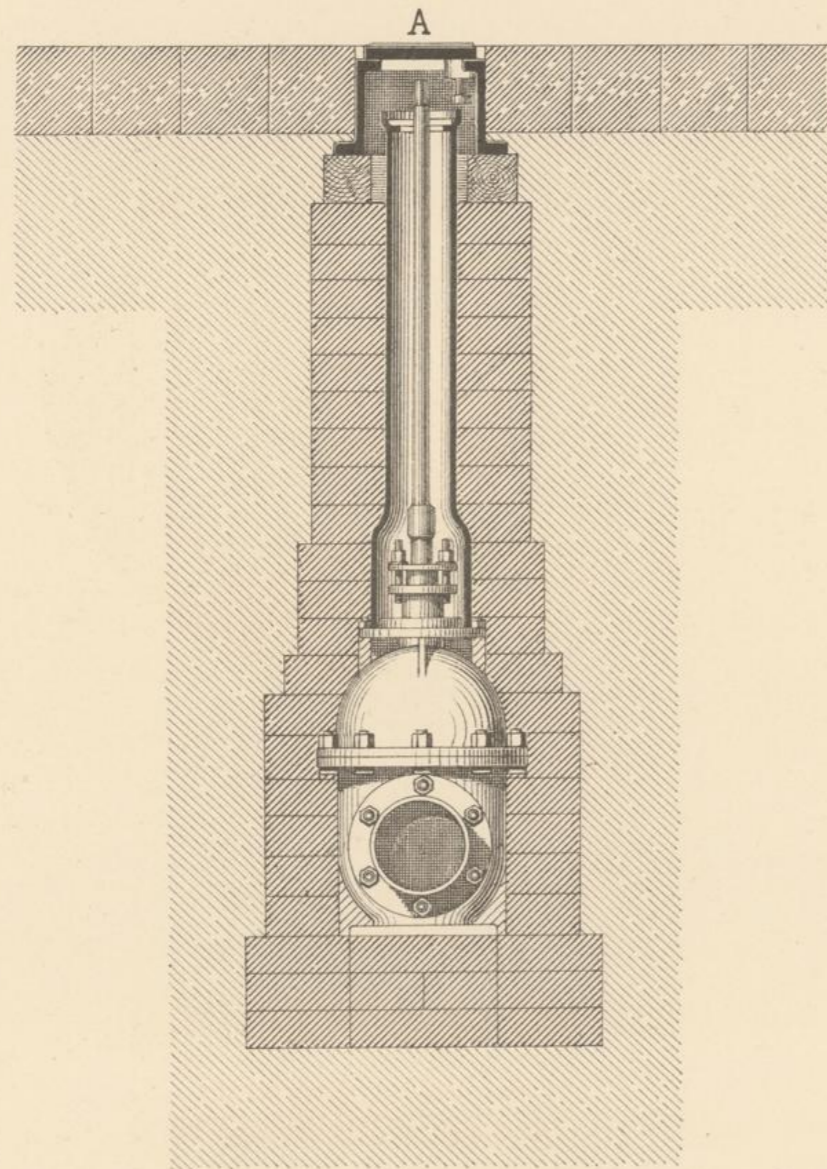




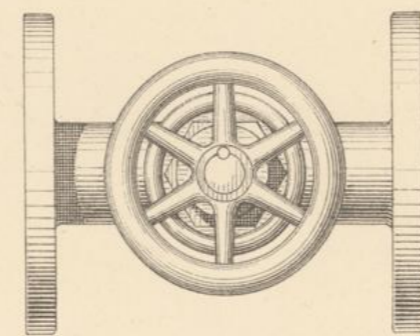
EINBAU DER ABPERRSCHIEBER.

ABPERRVORRICHTUNG FÜR DIE ABZWEIGUNGEN
in die Wohnhäuser.

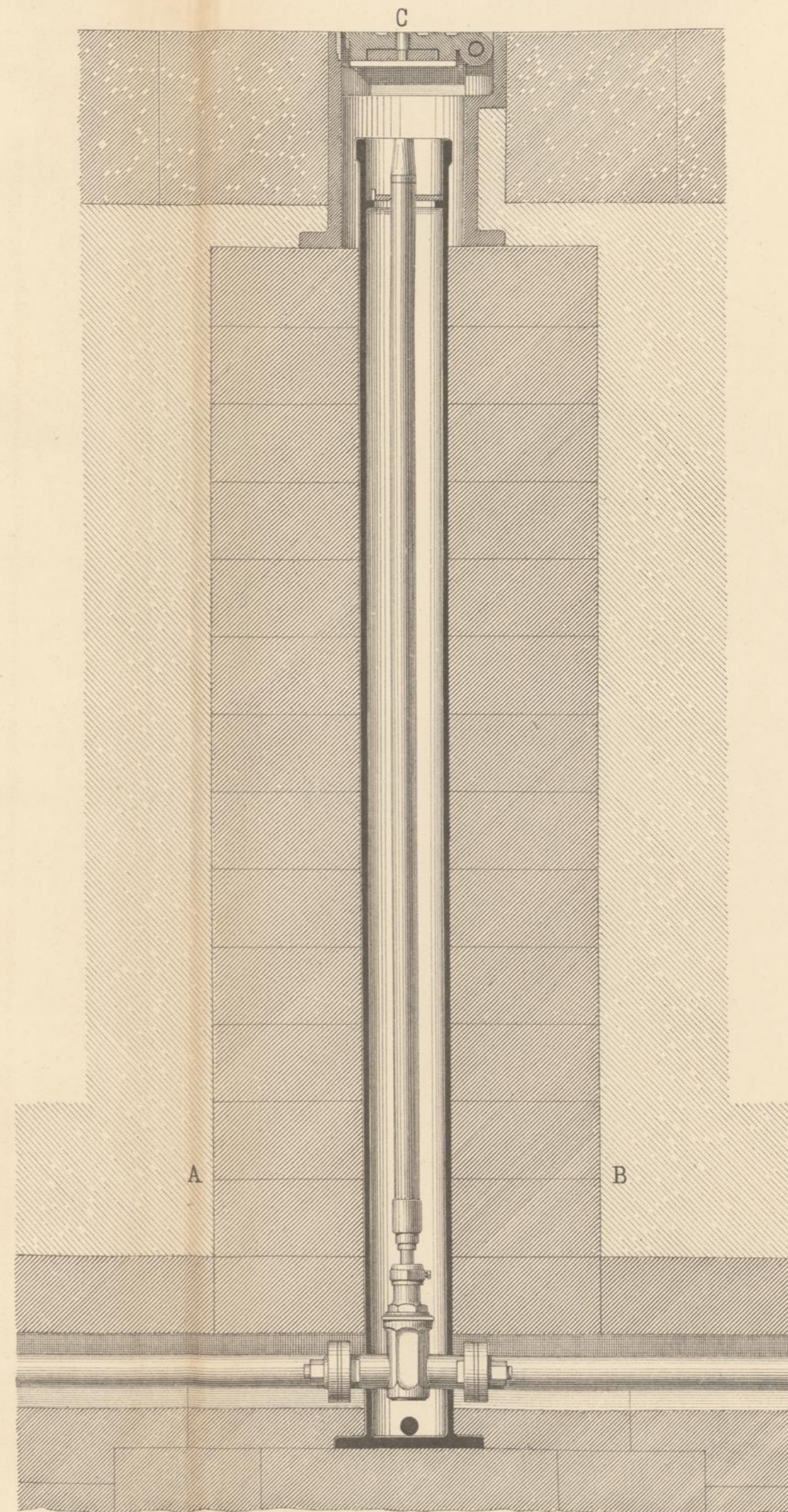
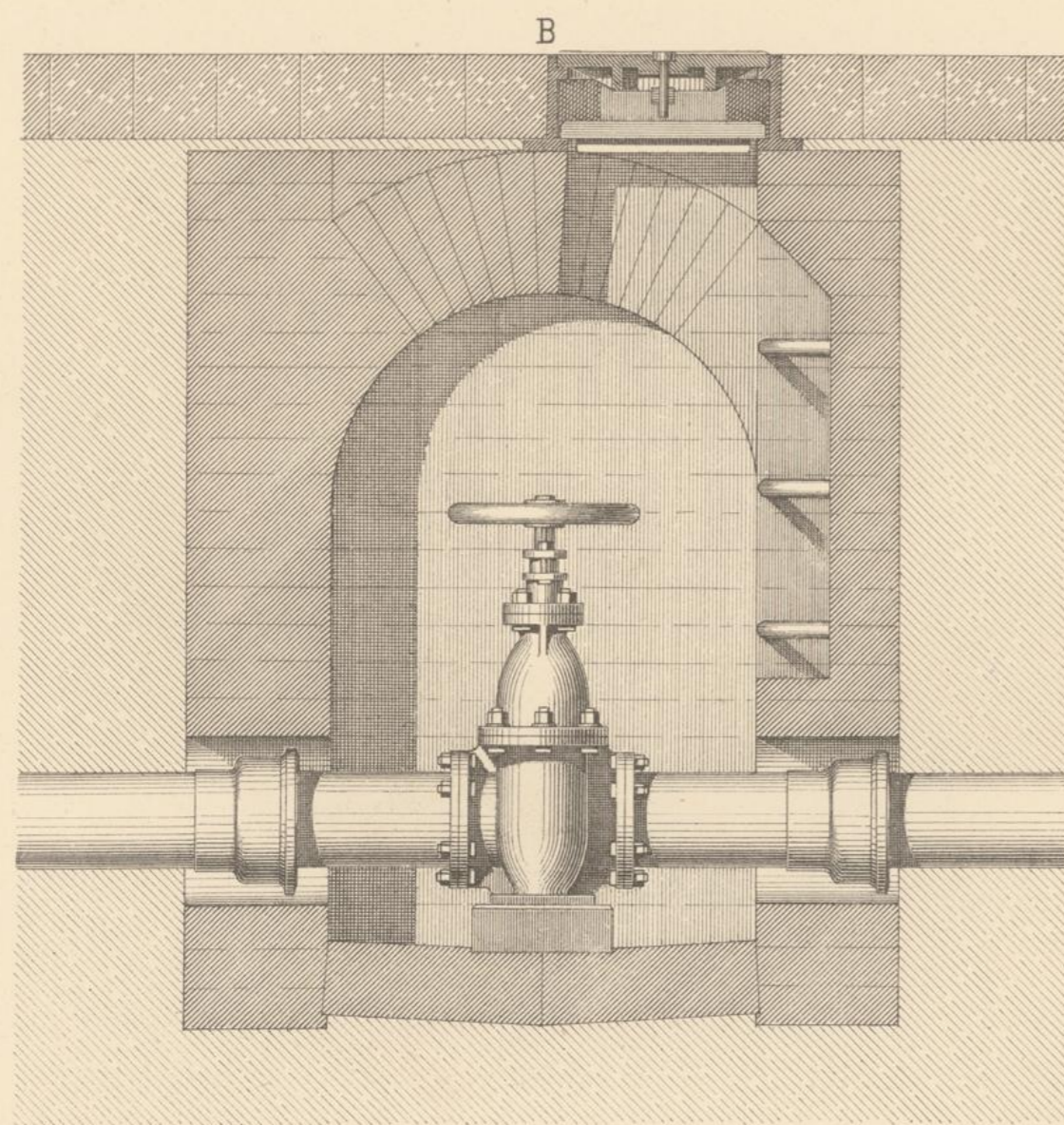
Mit Schutzrohr.



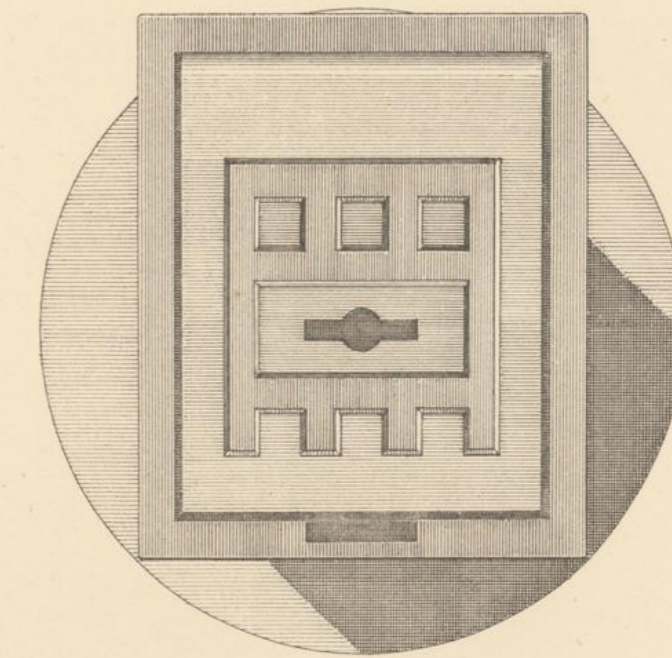
Schnitt und Ansicht
des Absperrschiebers.



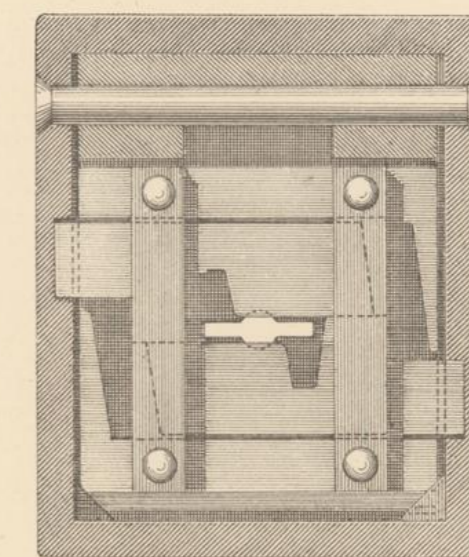
Im Einsteigschachte.



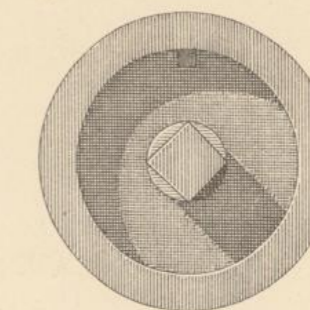
Ansicht des Straßenkastens.



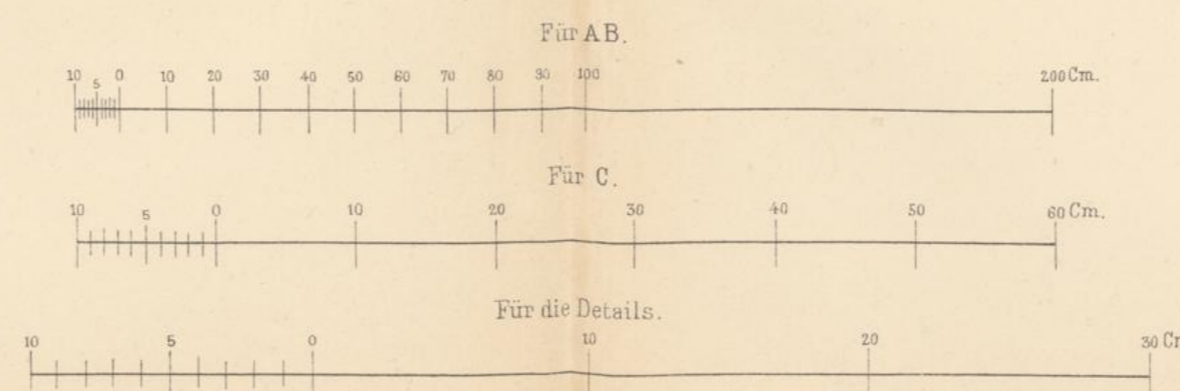
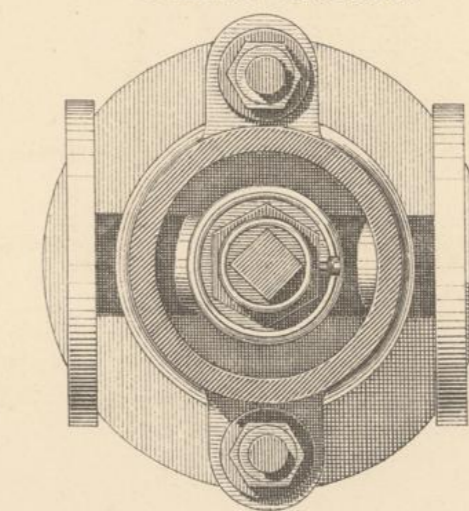
Ansicht des Schlosses.

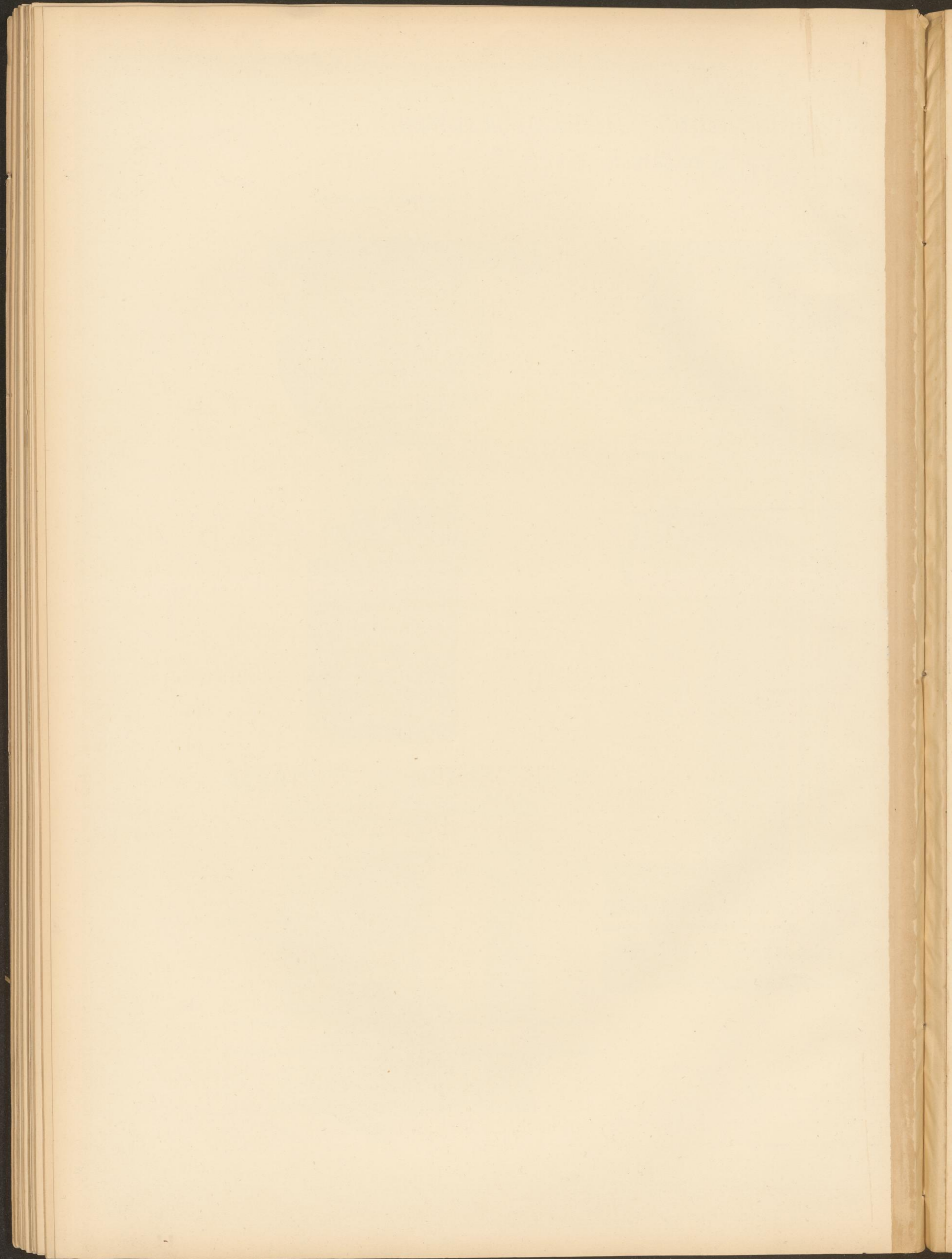


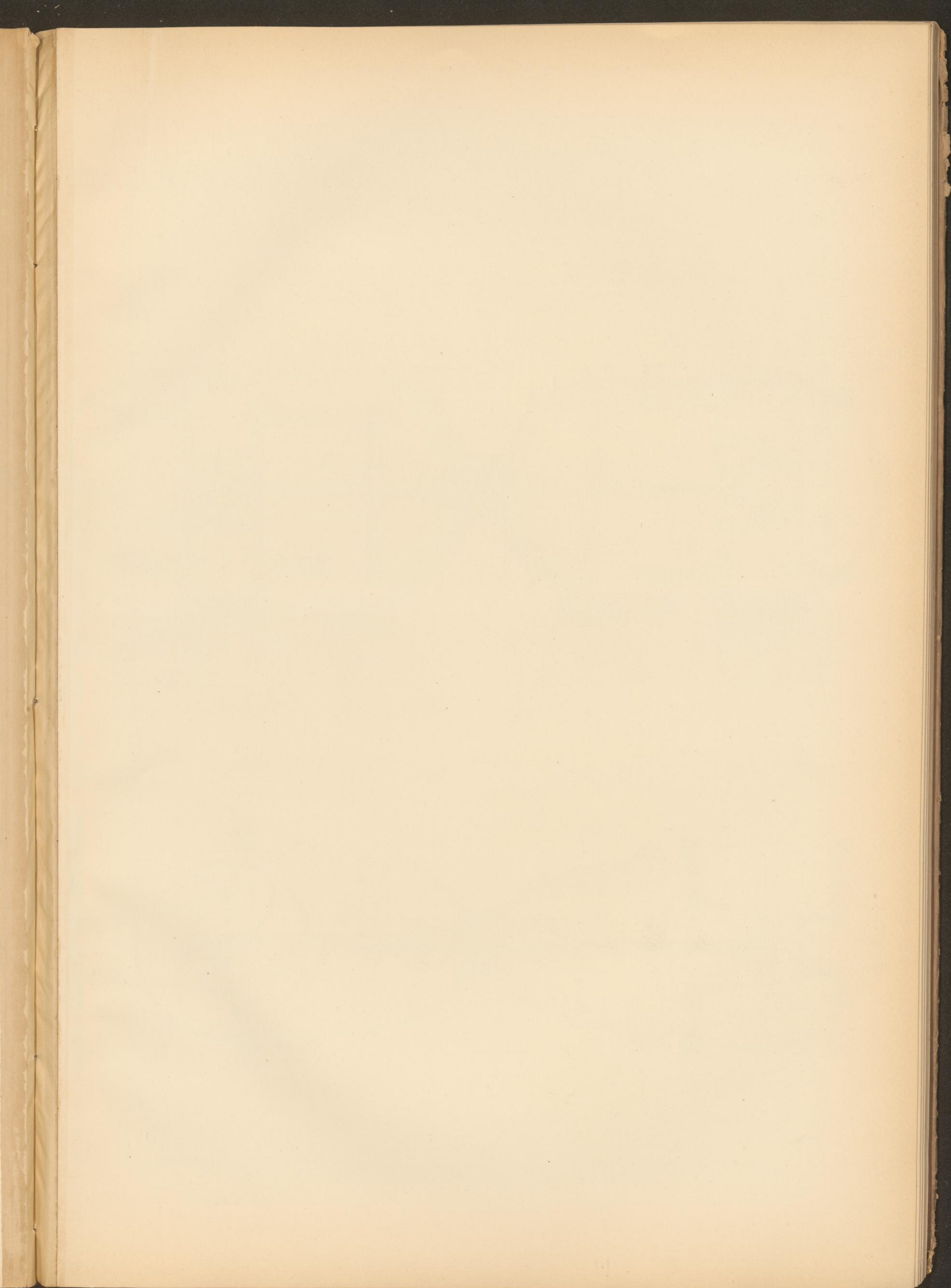
Ansicht des Schutzrohres.



Schnitt nach AB.



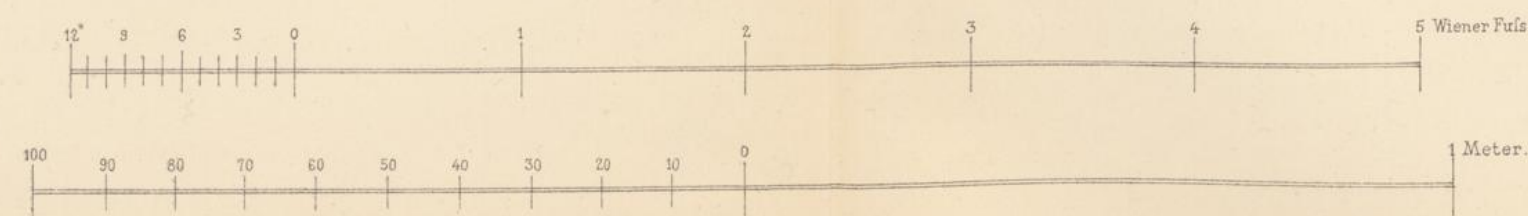
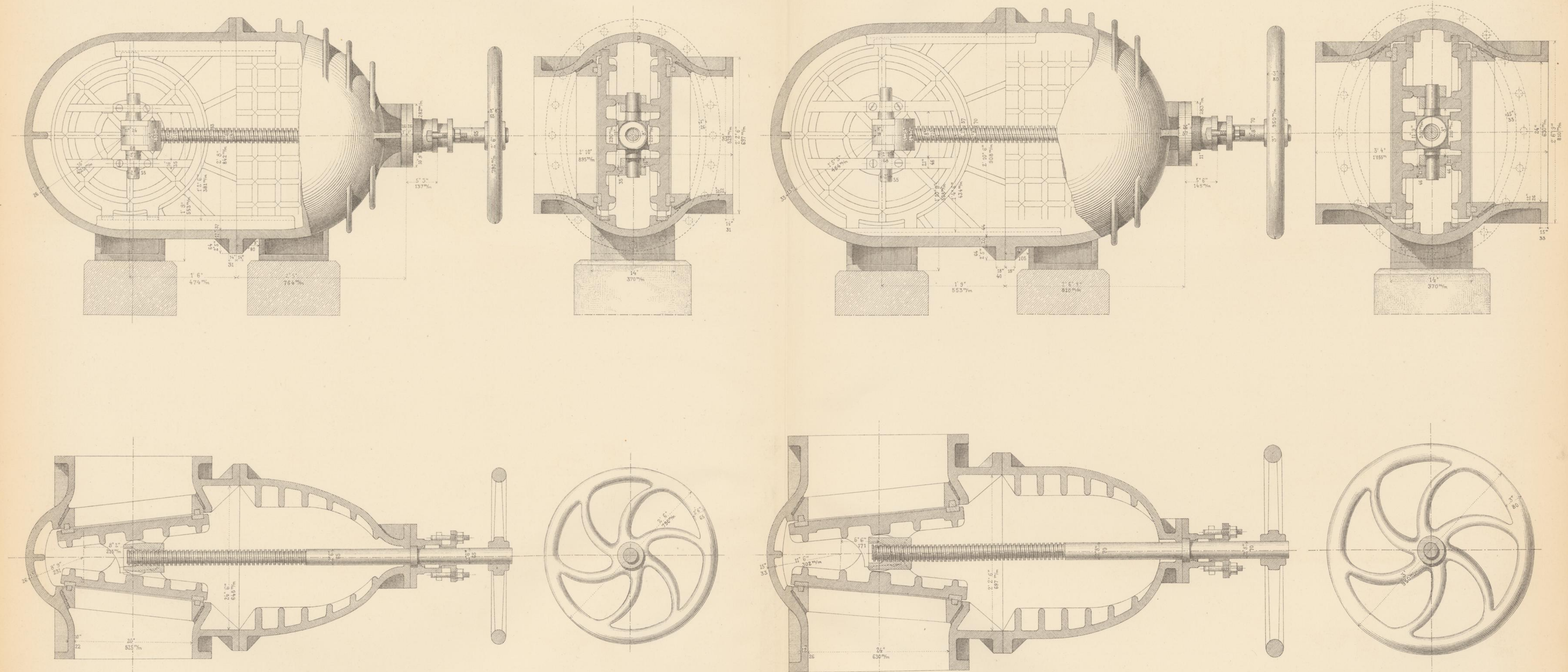


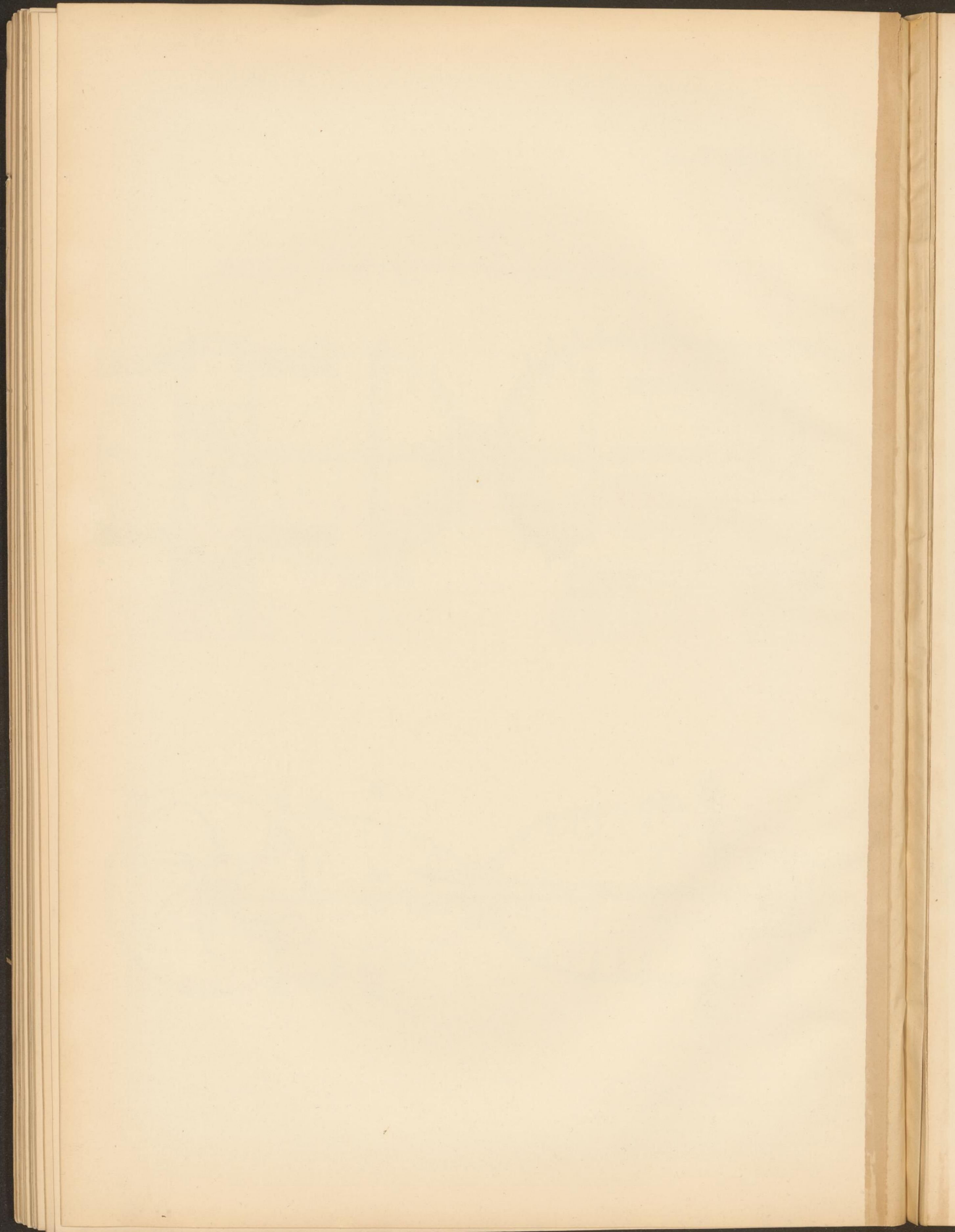


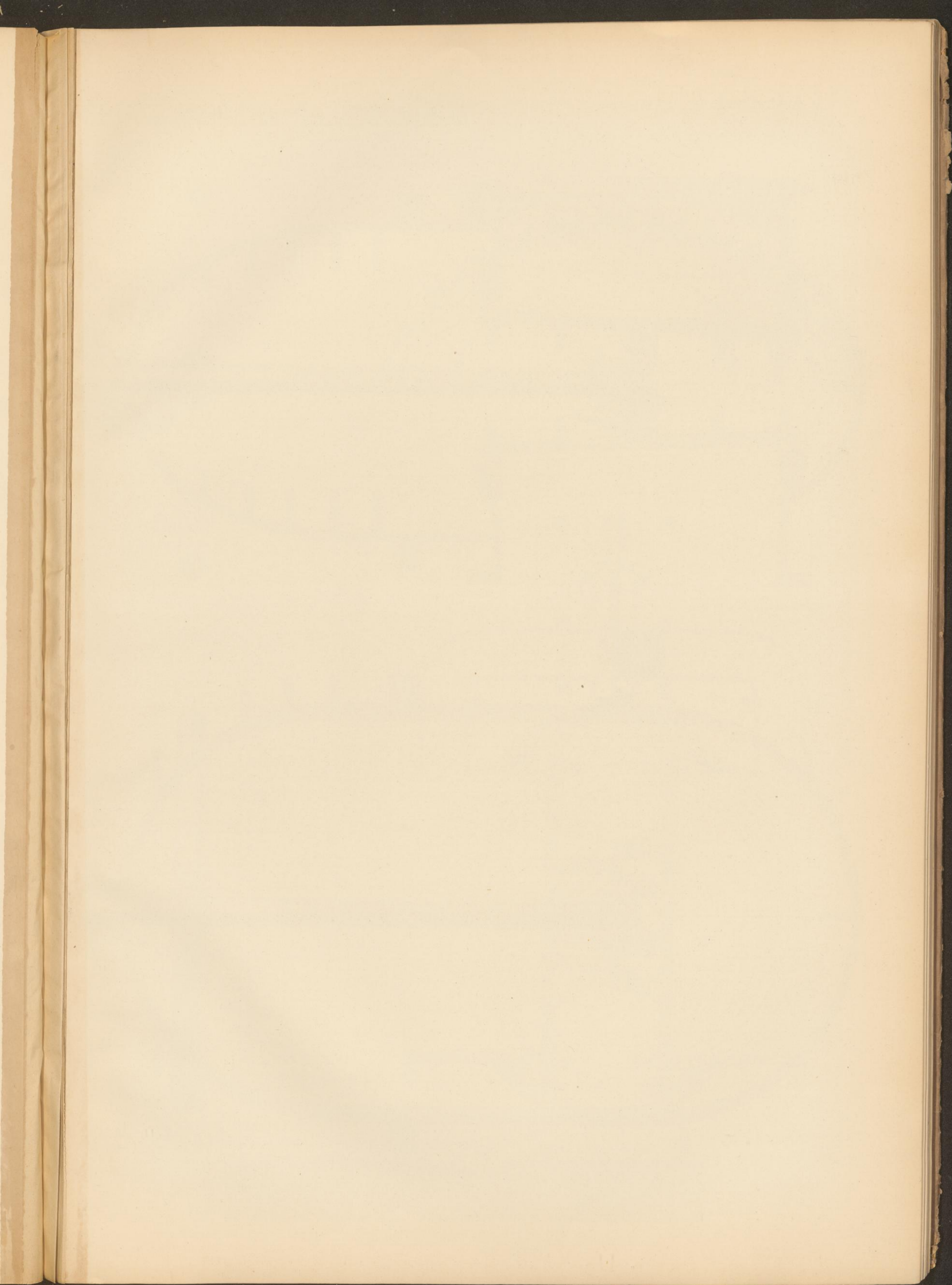
HORIZONTALE ABSPERRSCHIEBER.

Schieber für 20" Durchmesser.
525 厘

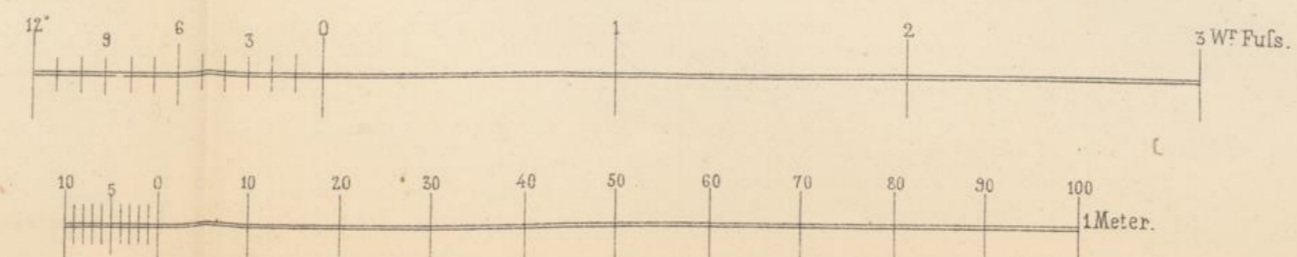
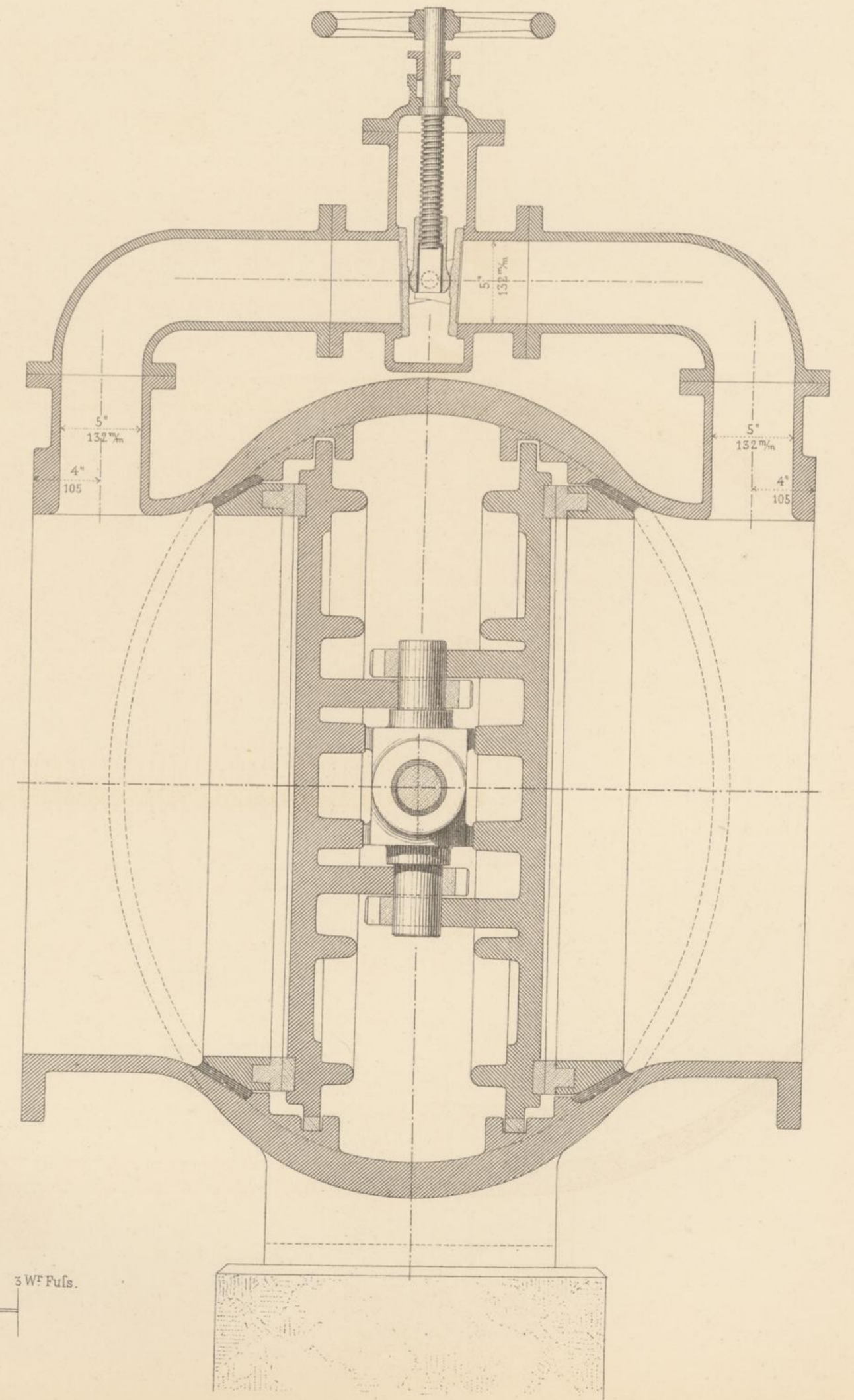
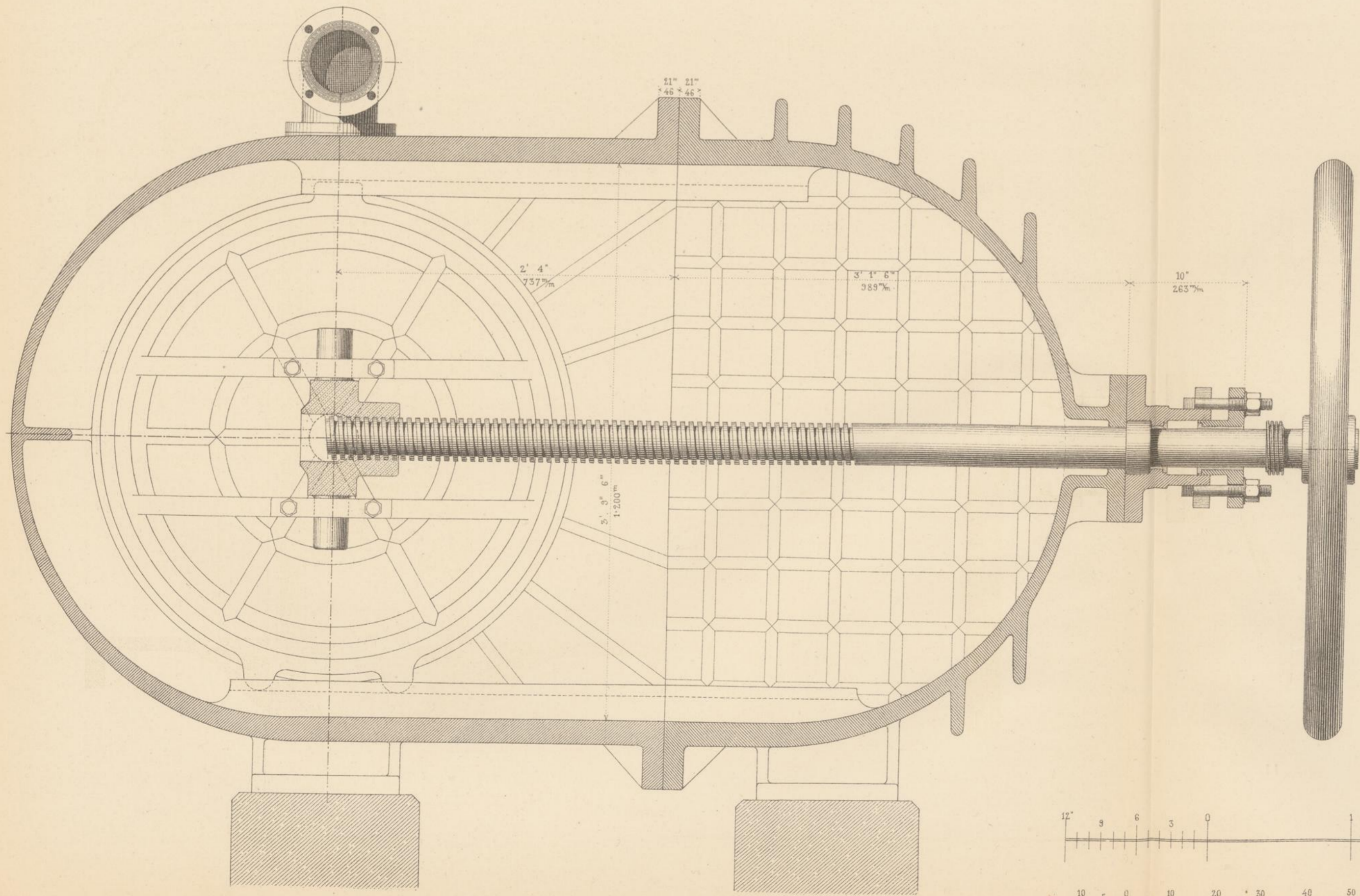
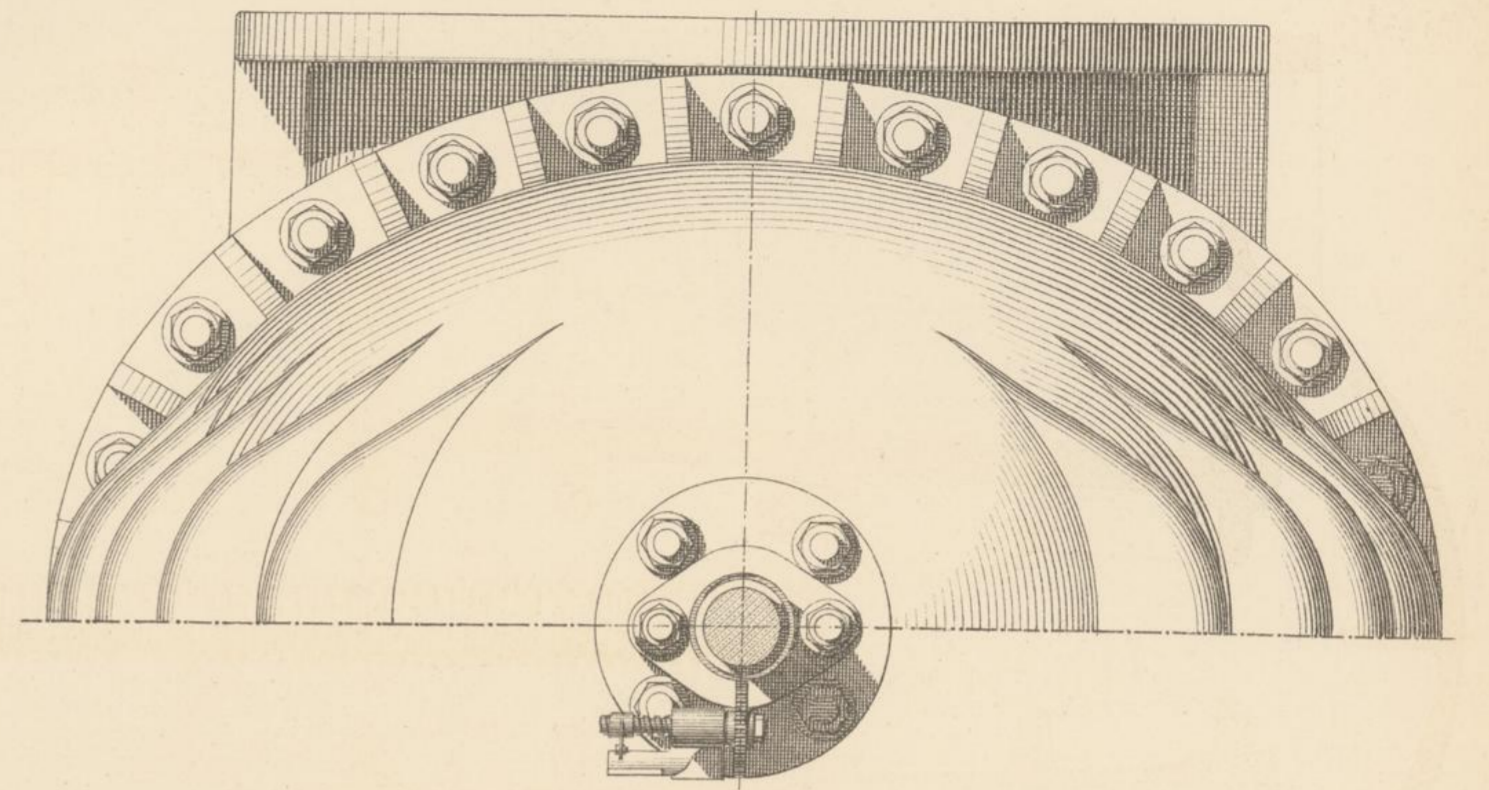
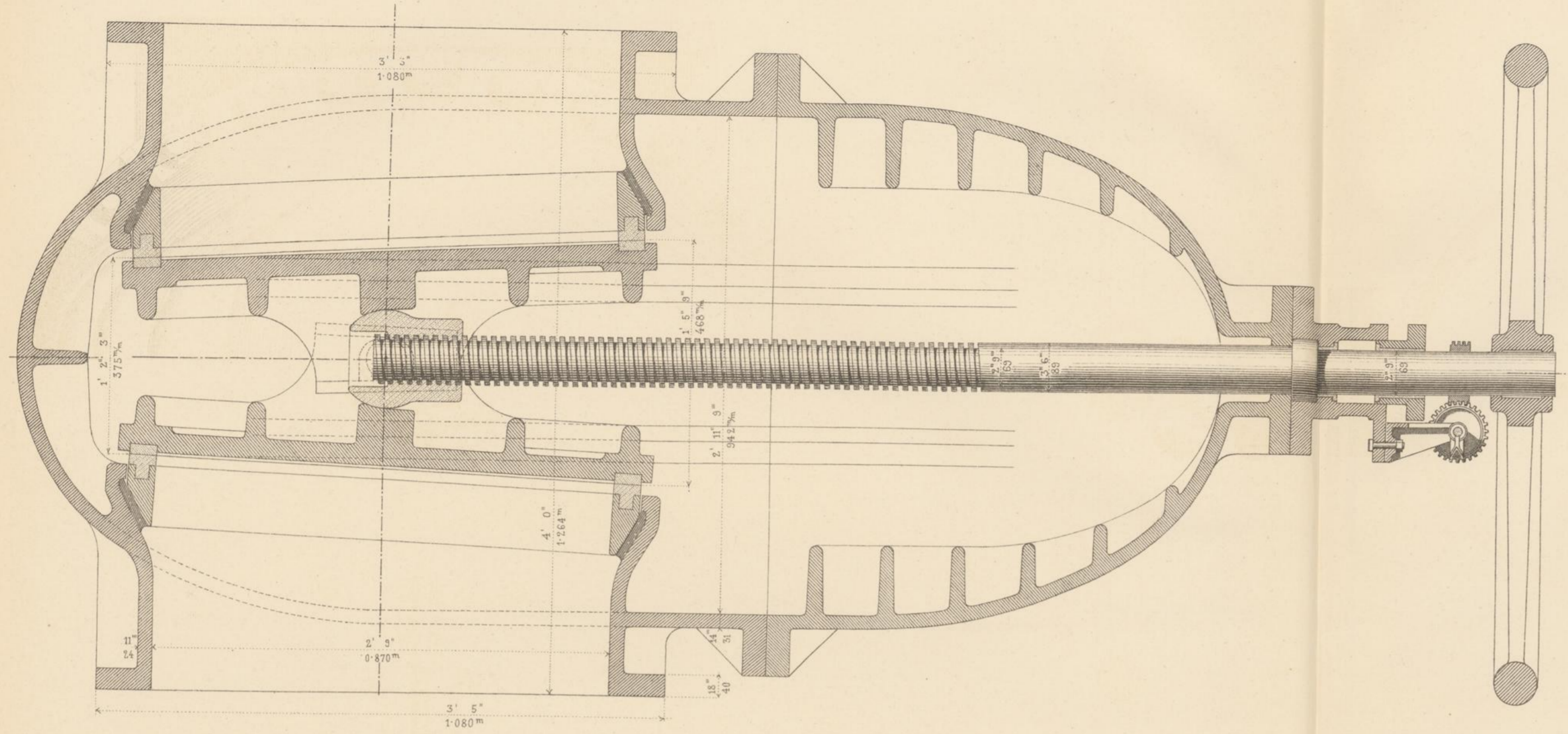
Schieber für 24" Durchmesser.
630 厘

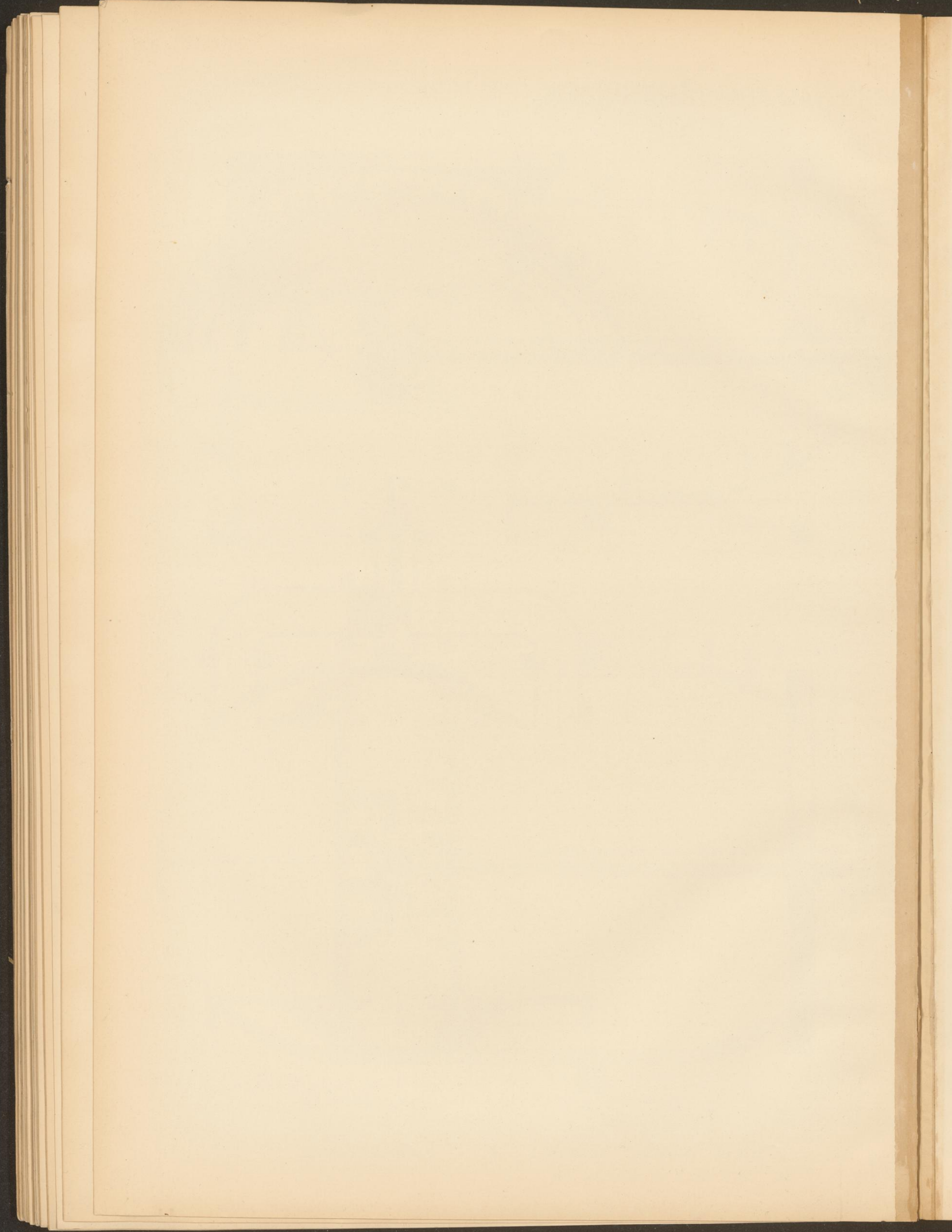


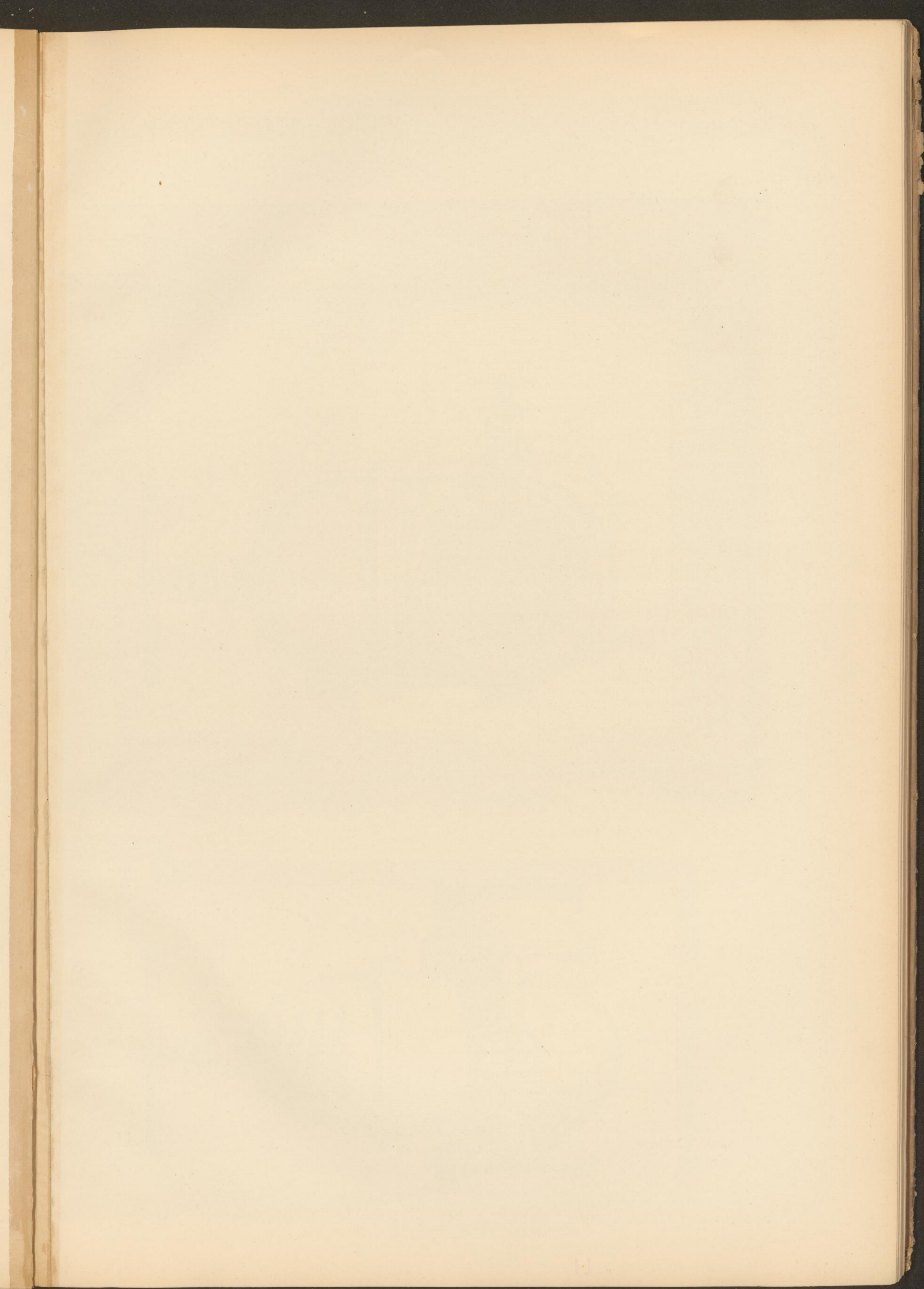


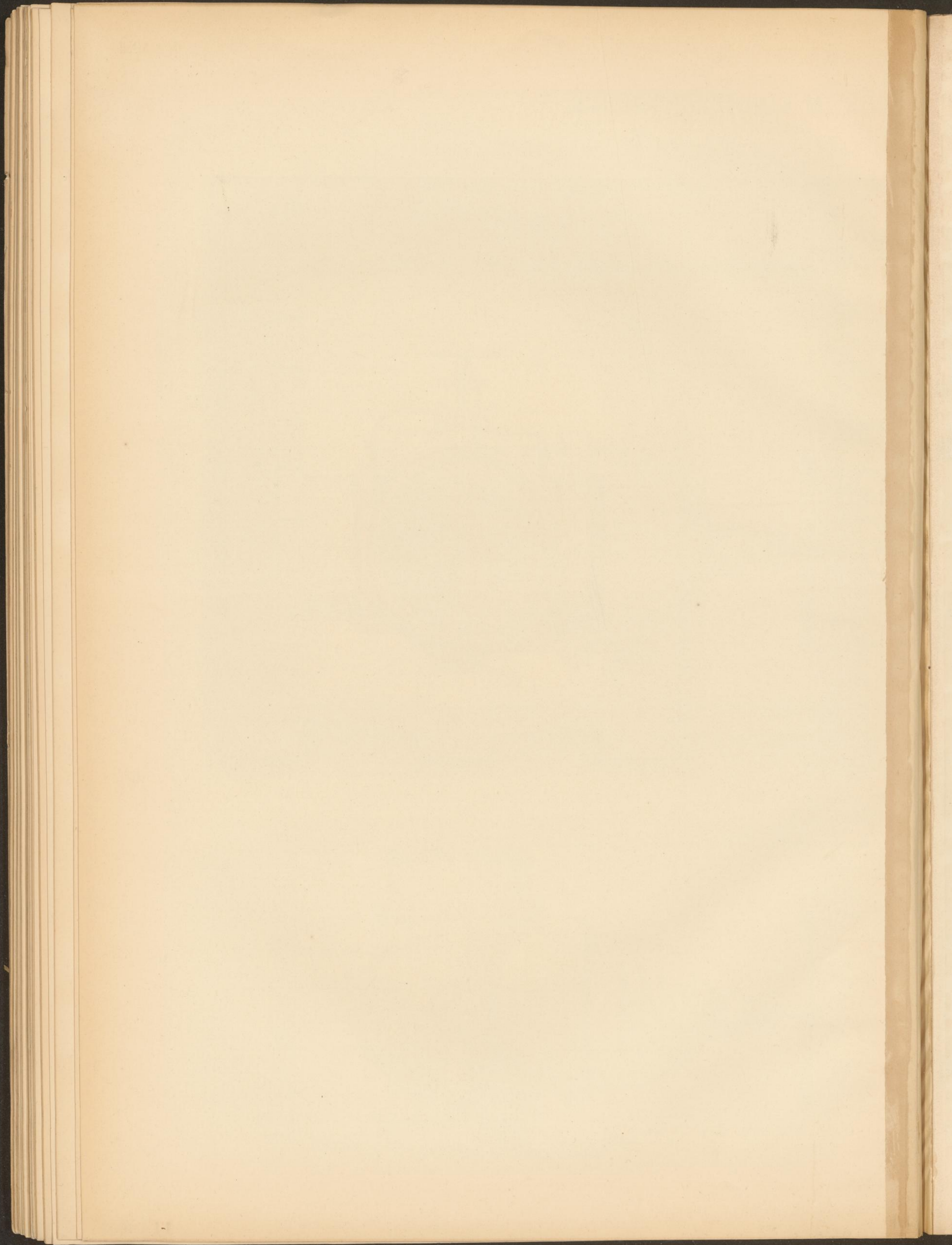


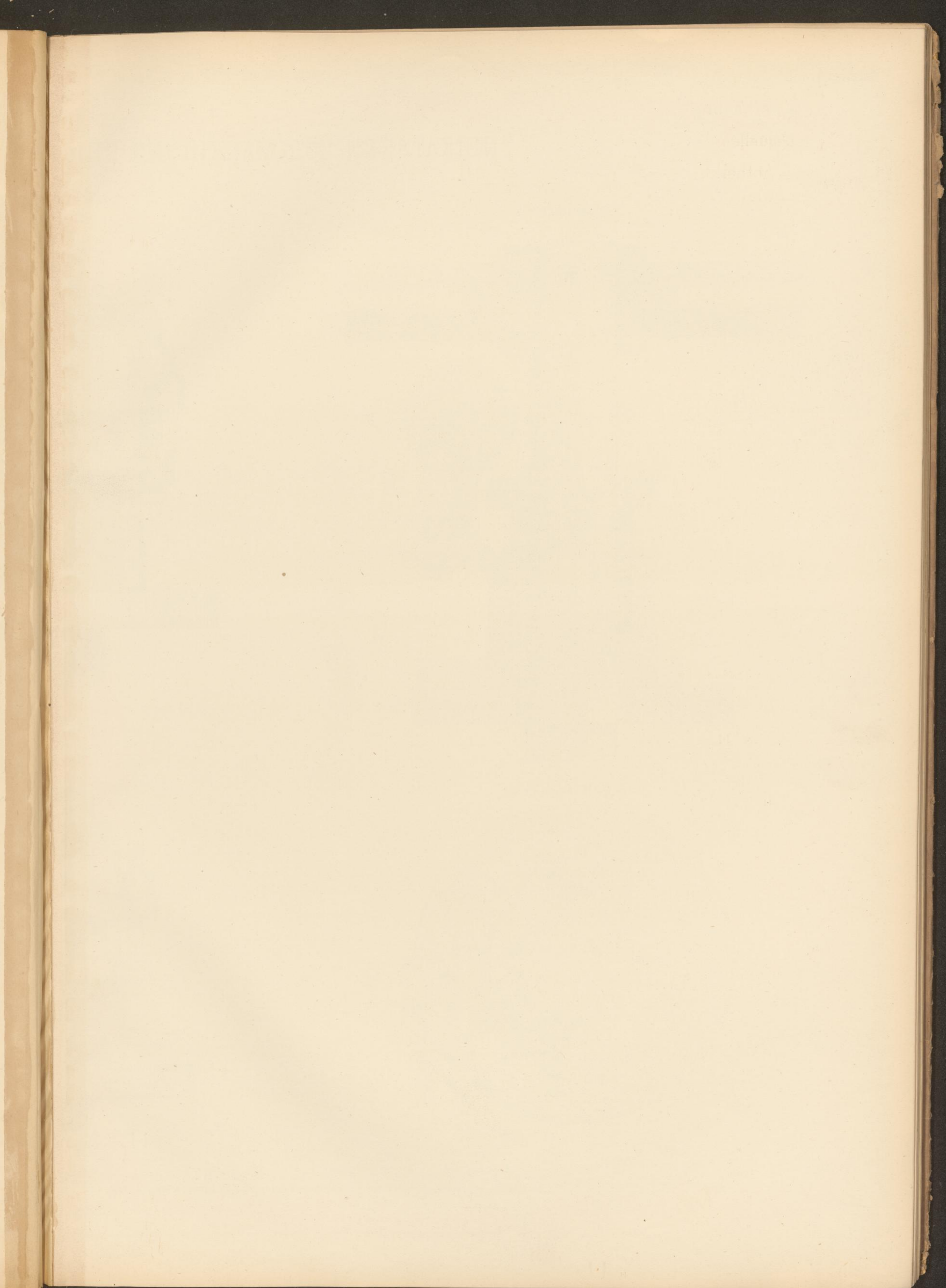
HORIZONTALER ABSPERRSCHIEBER FÜR HAUPTROHRLEITUNGEN.







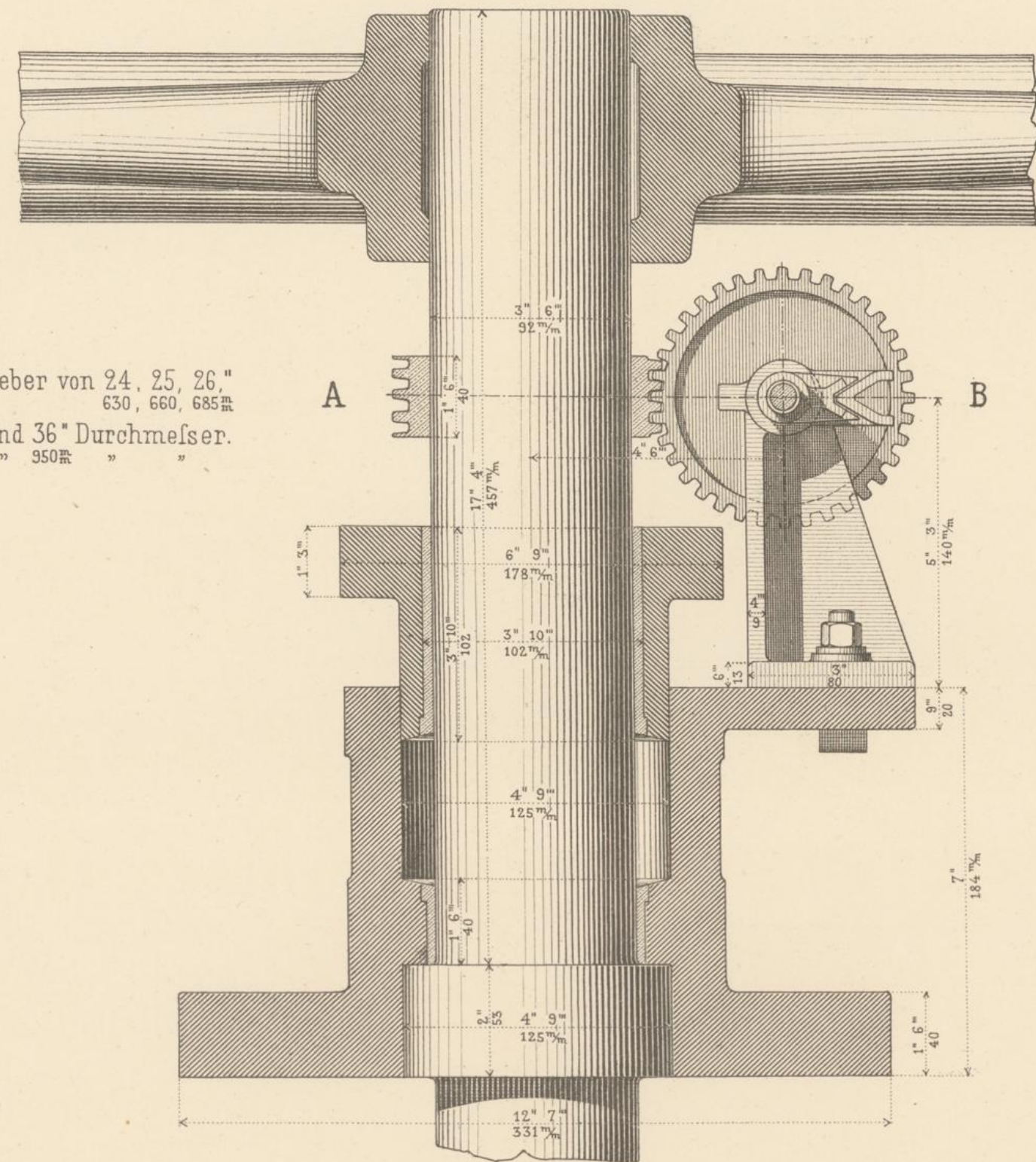




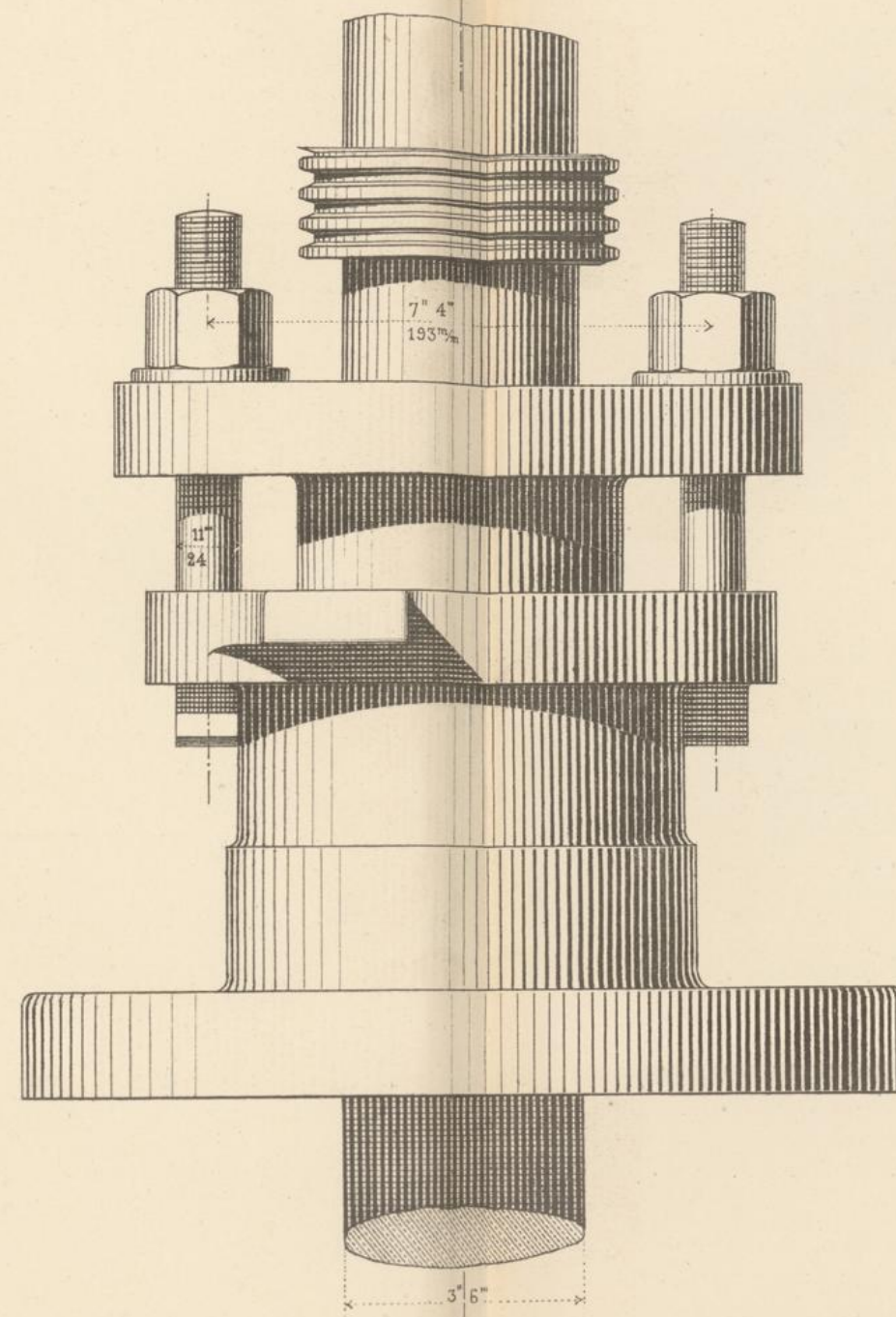
II. Abtheilung.

JNDIKATOREN ZUR MARKIRUNG DER SCHIEBERSTELLUNGEN VON AUSSEN.

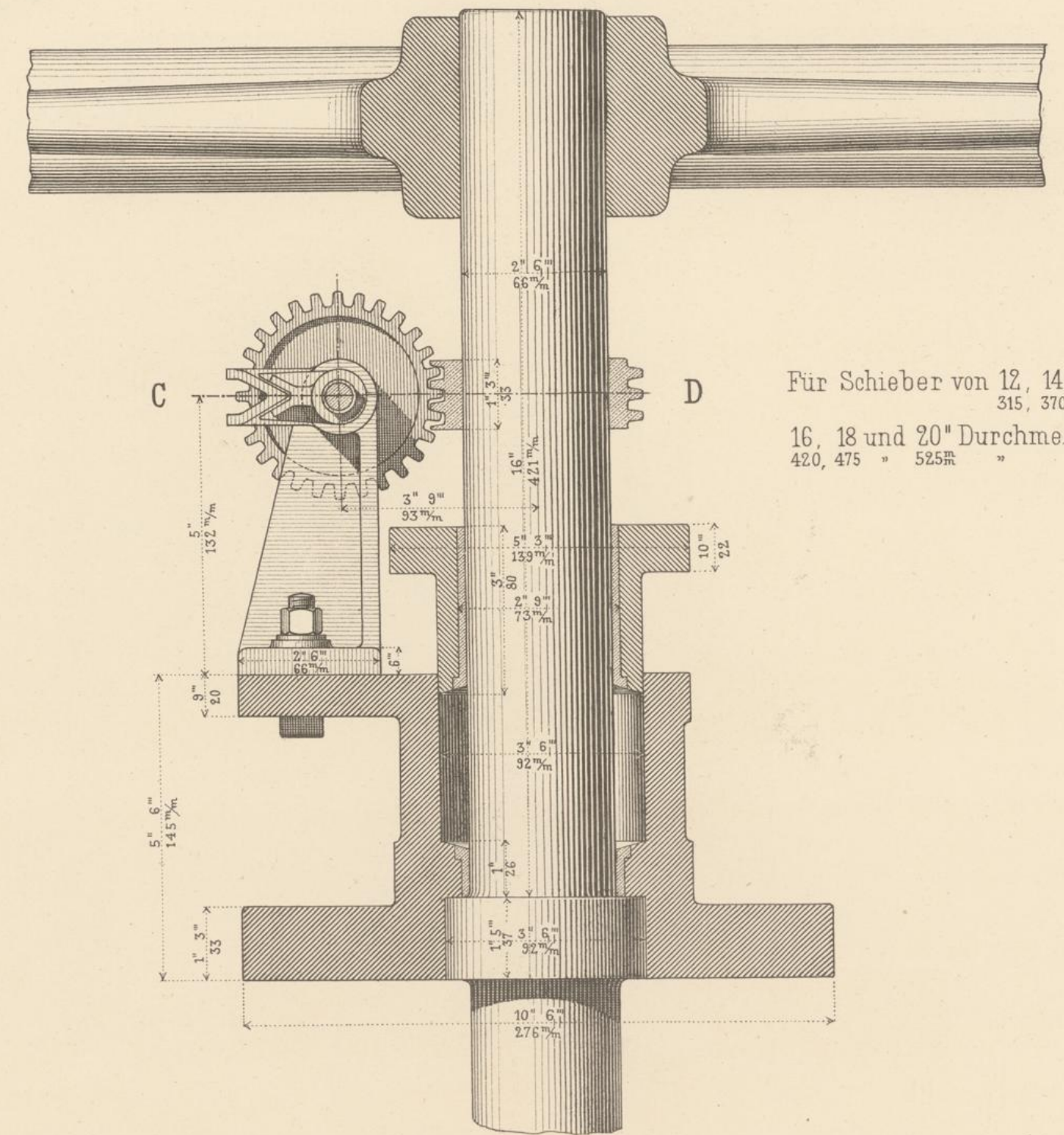
Vertikalschnitt.



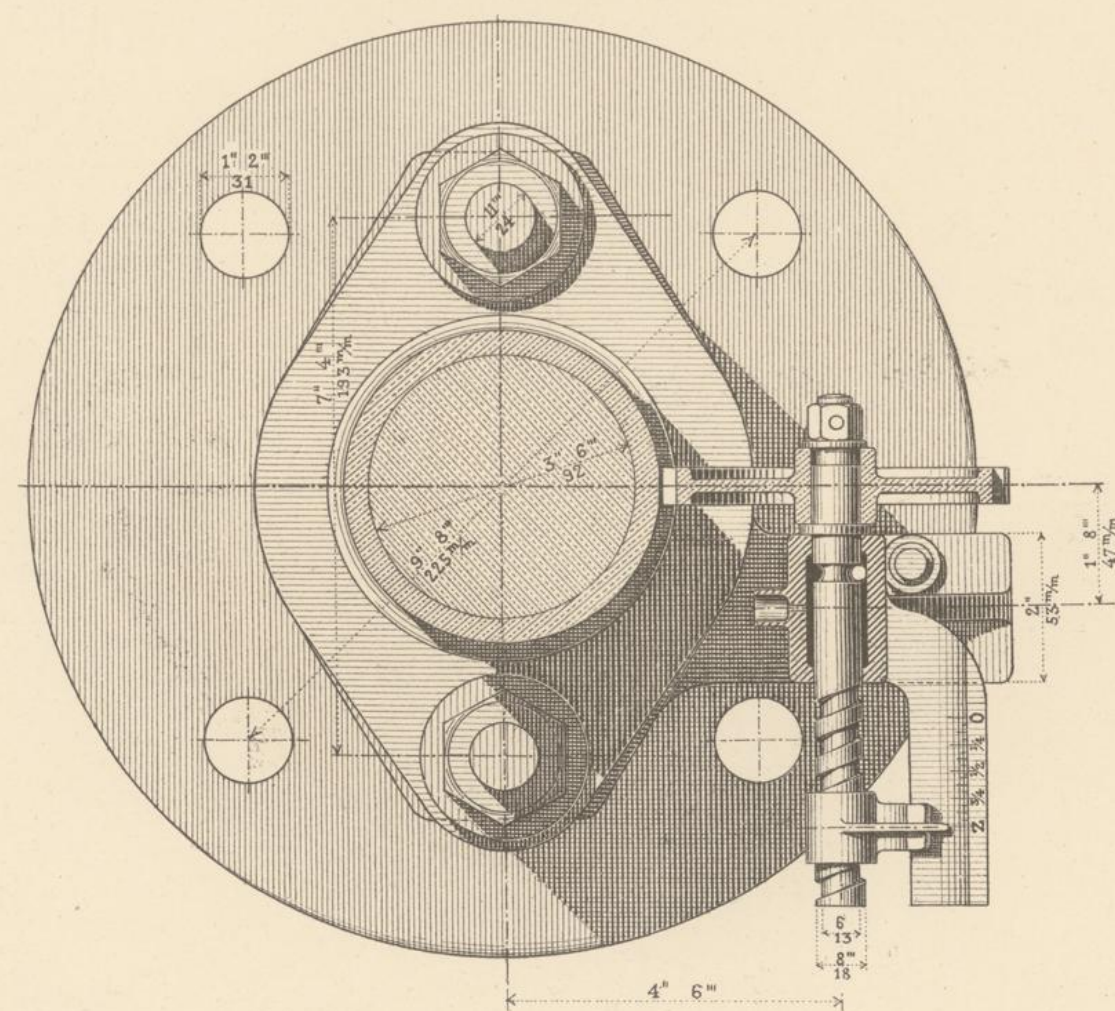
Ansicht.



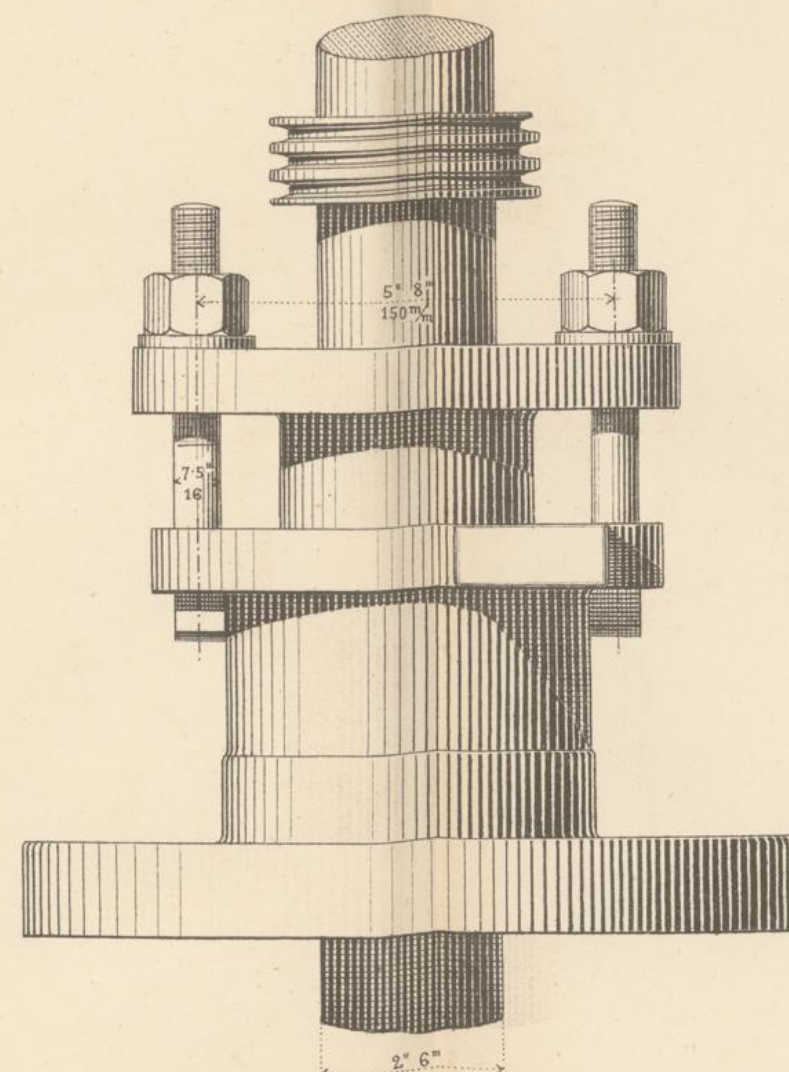
Vertikalschnitt.



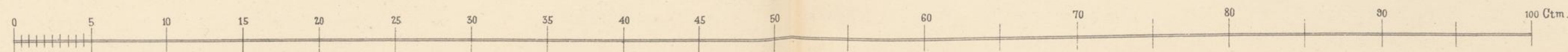
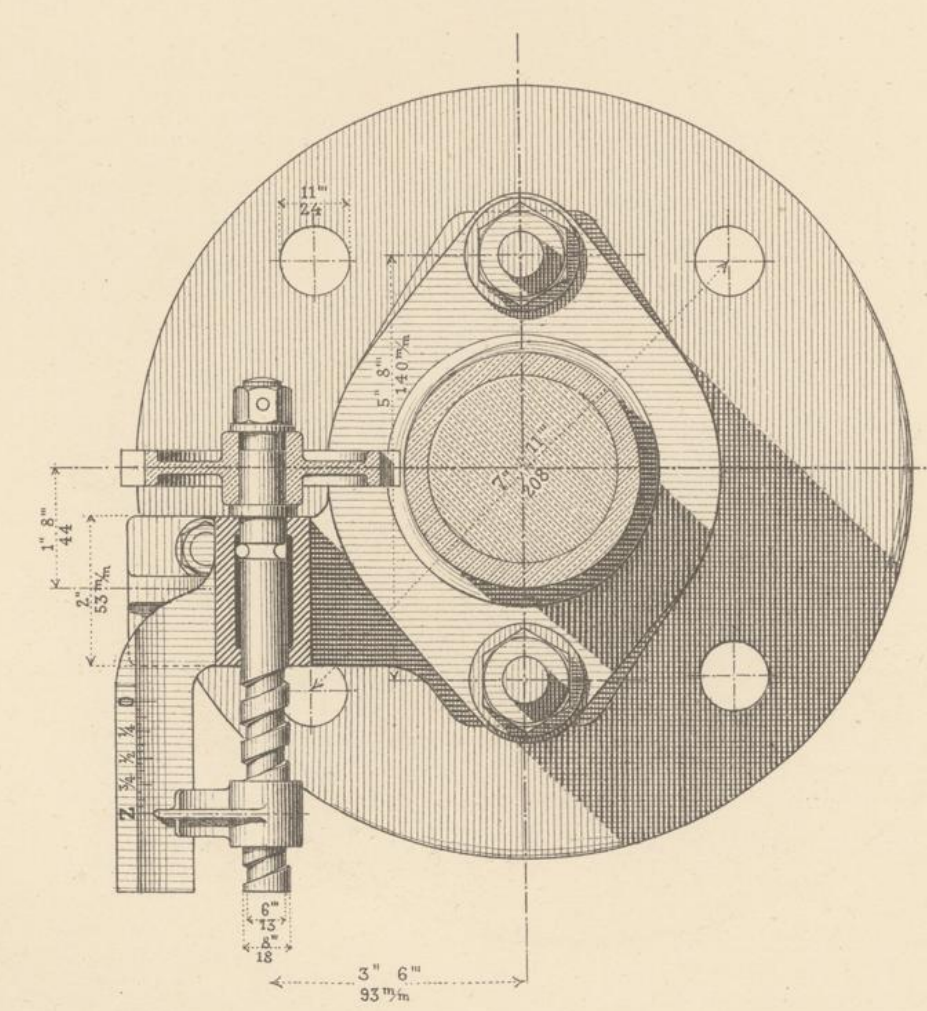
Durchschnitt A B.

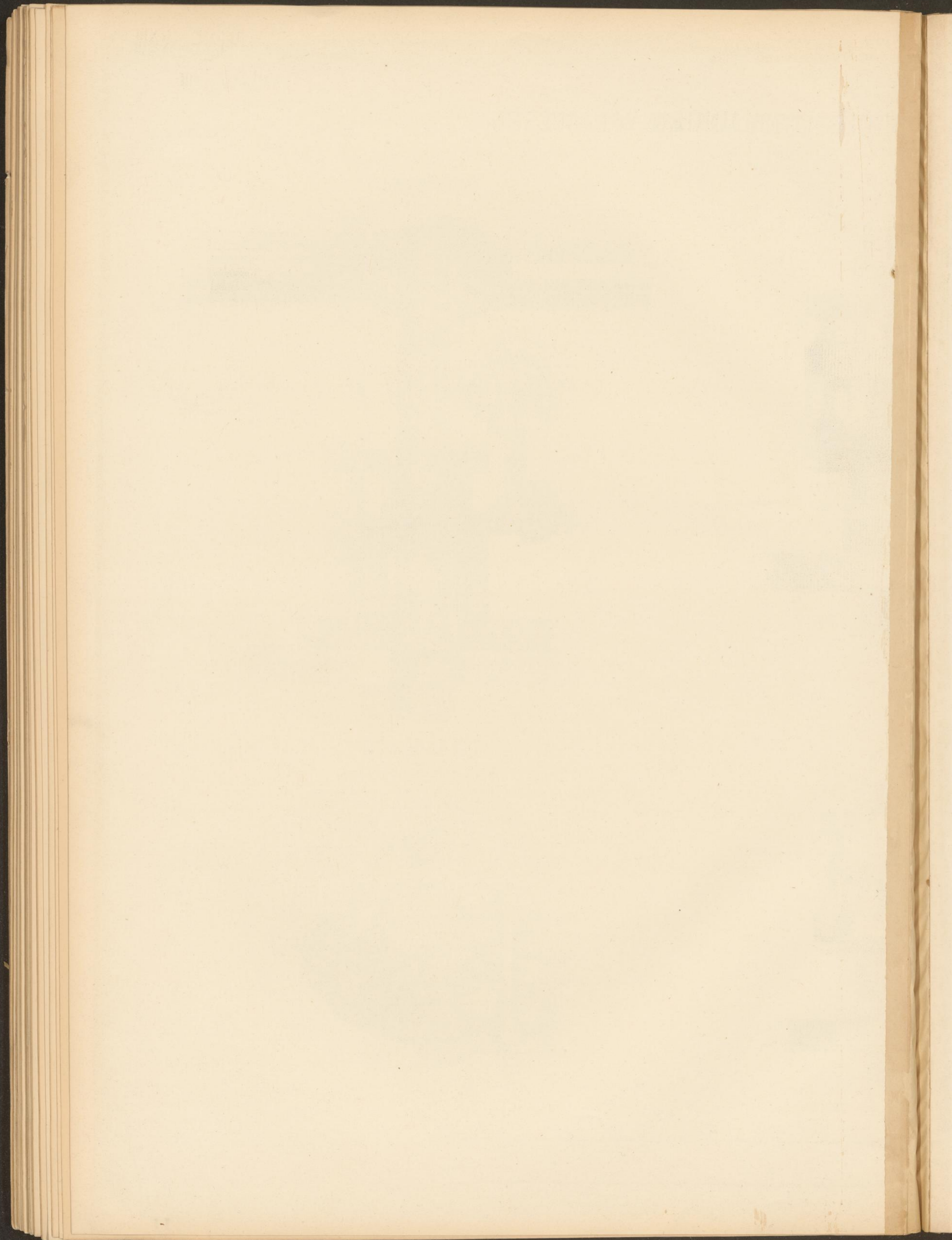


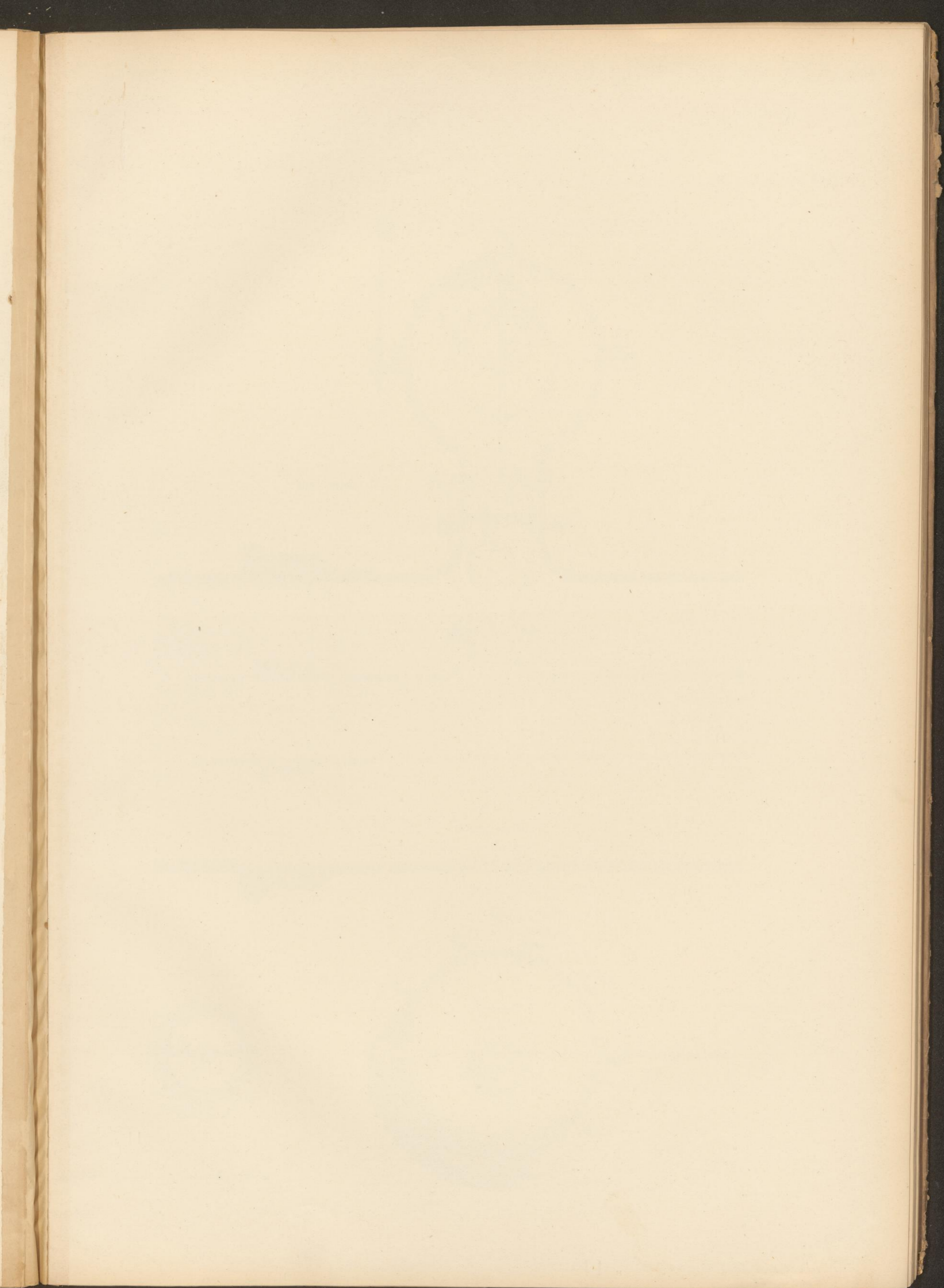
Ansicht.



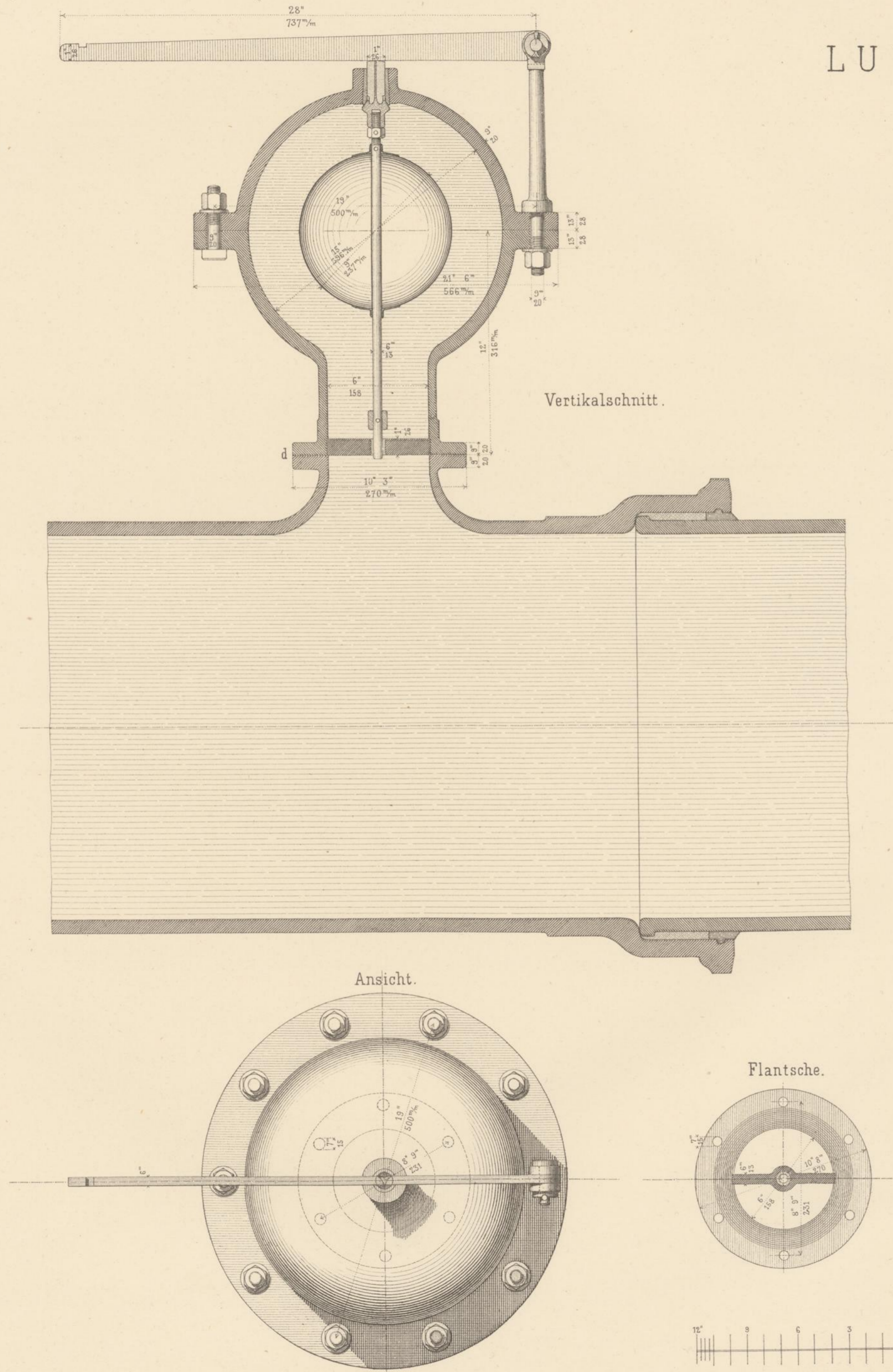
Durchschnitt C D.





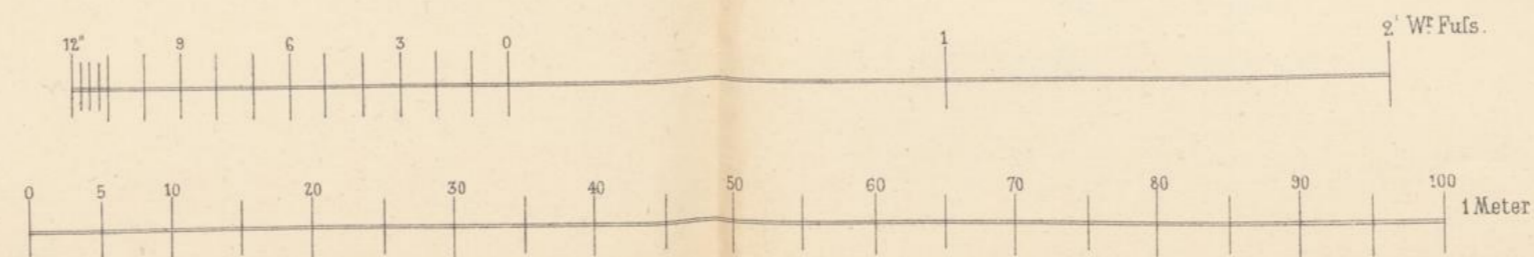
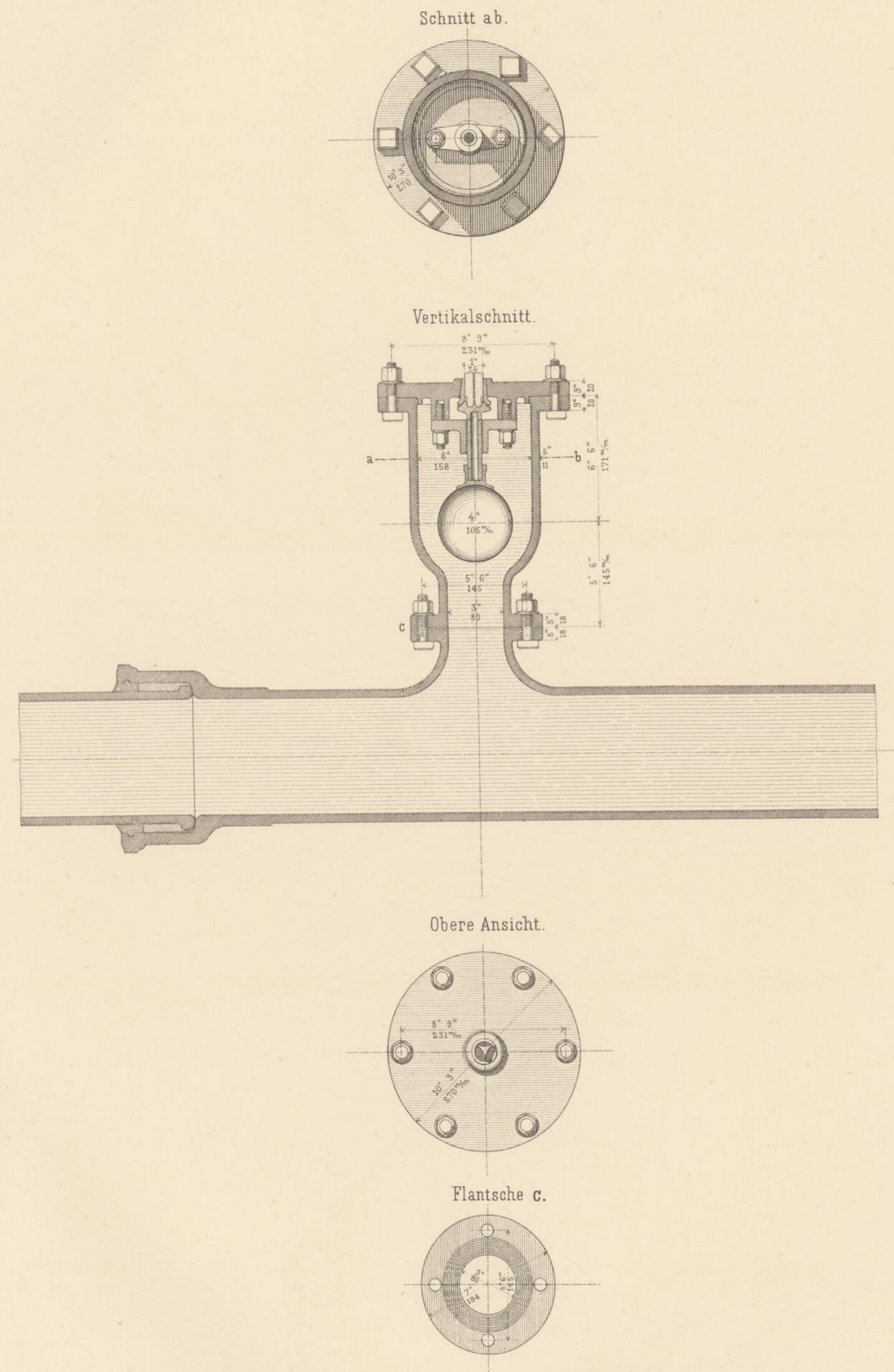


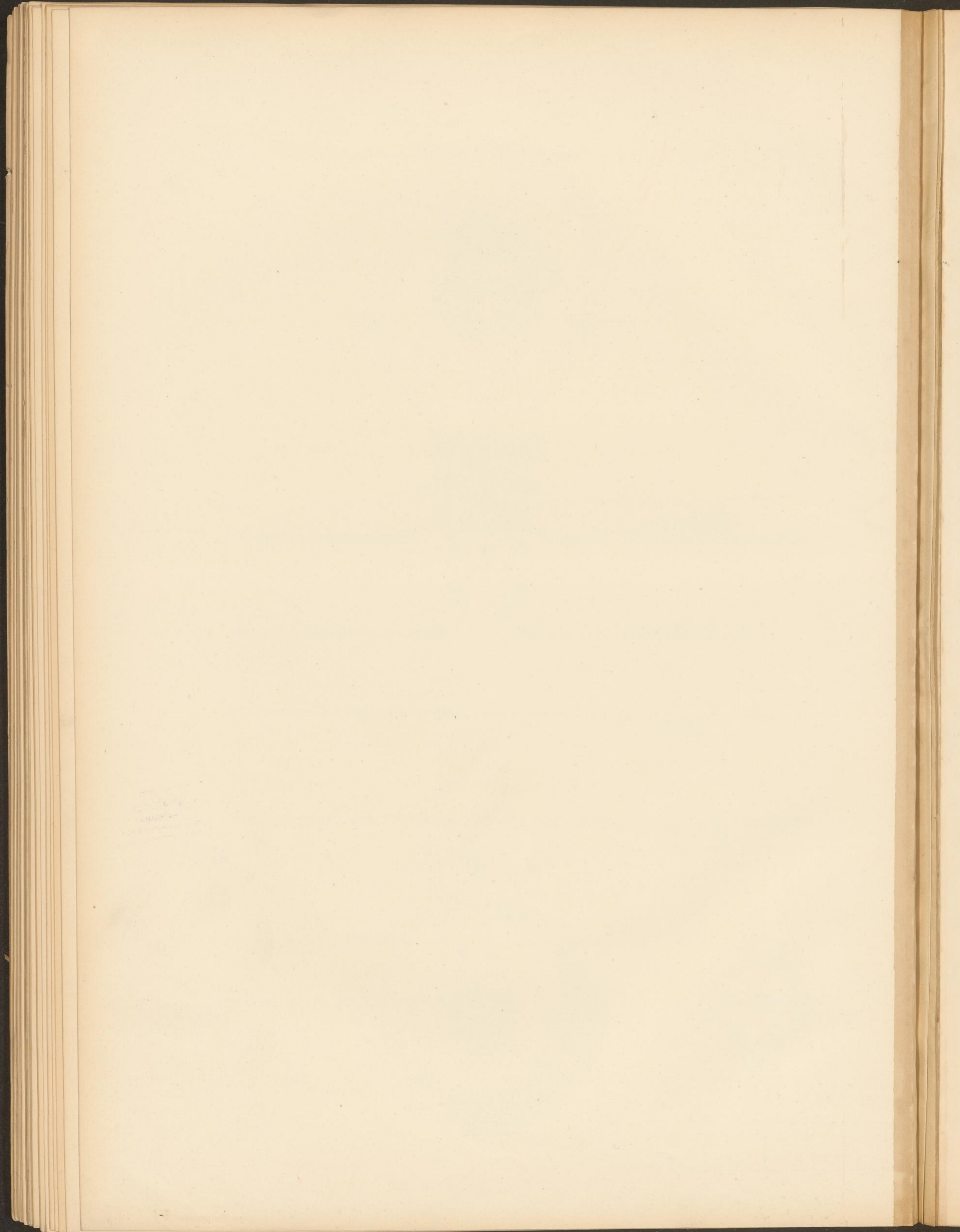
Luftventil für die Hauptrohrleitungen und für die Röhrenkammern der Reservoir's.



LUFTVENTILE.

Luftventil für das Rohrnetz.

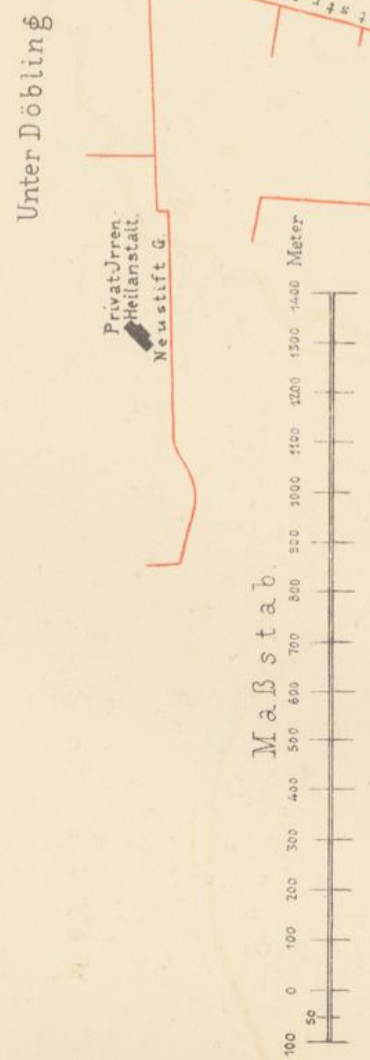
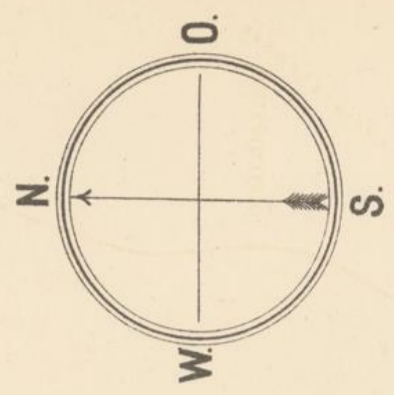


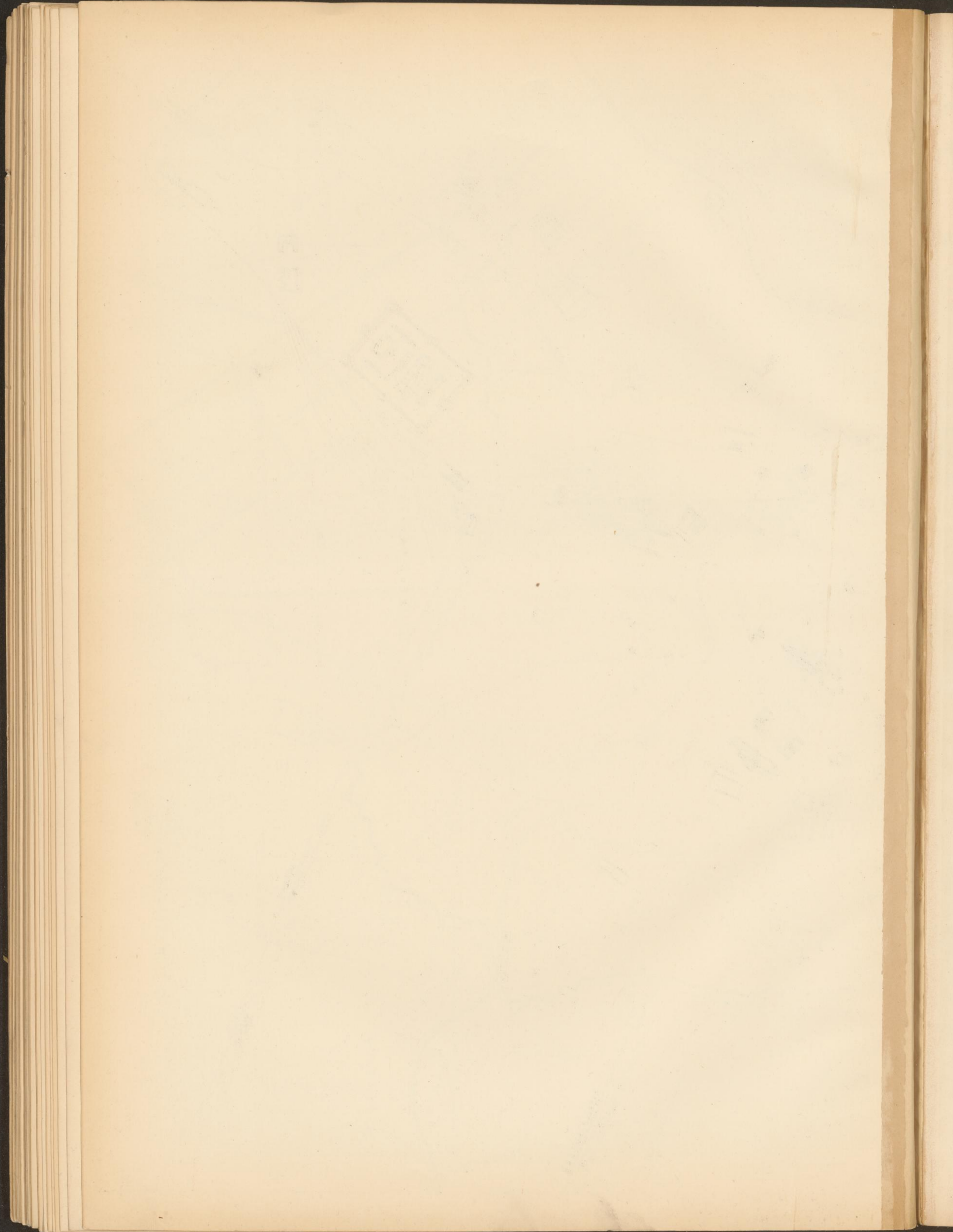


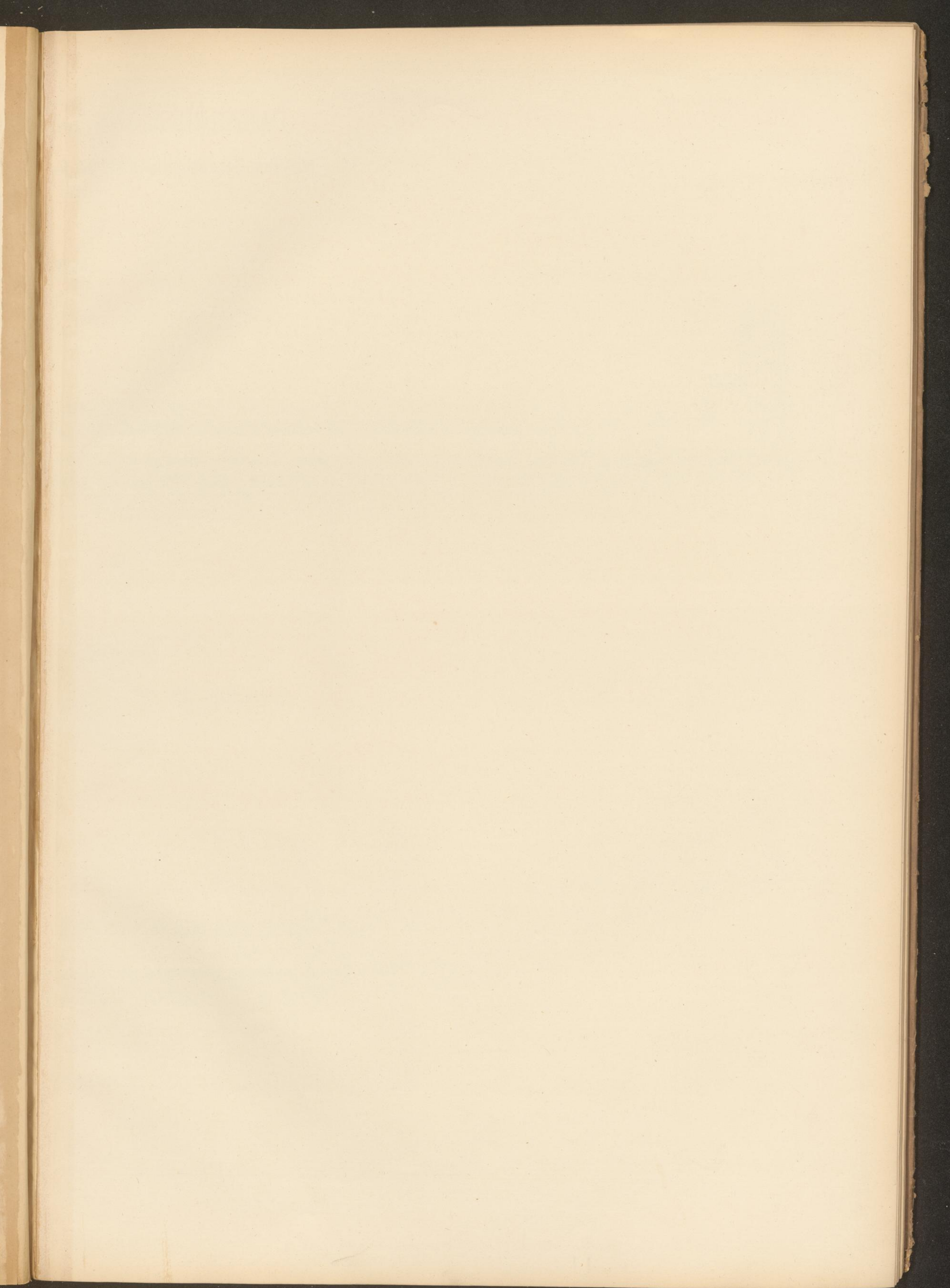
Bücherei
des Wiener
Stadtbauamtes

ROHRNETZ

der Kaiser Franz Josef Hochquellen-Wasserleitung
der Stadt Wien
samt den Leitungen in den Vororten.

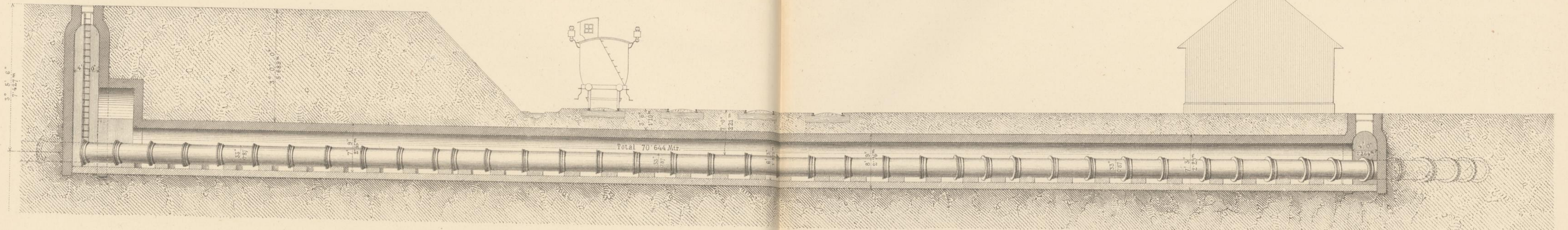




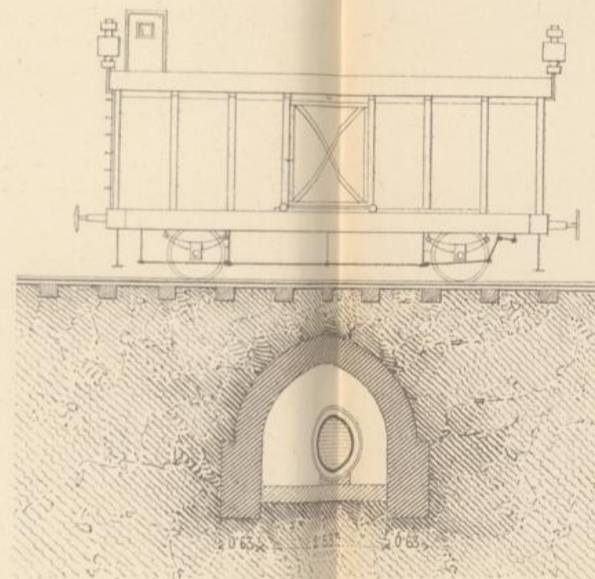


DURCHSETZUNG DER K. K. STAATSBAHN
mit dem 33 zölligen - 87^{cm} Hauptrohre für die Niederdruck-Zone.

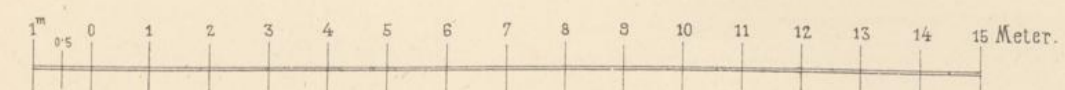
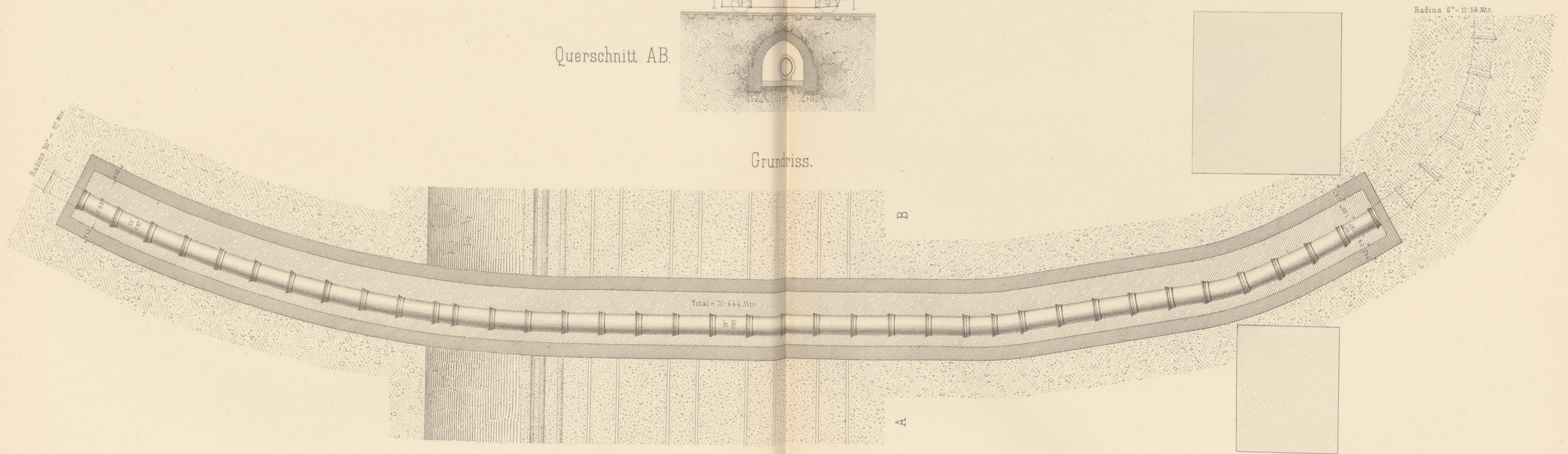
Längenschnitt.

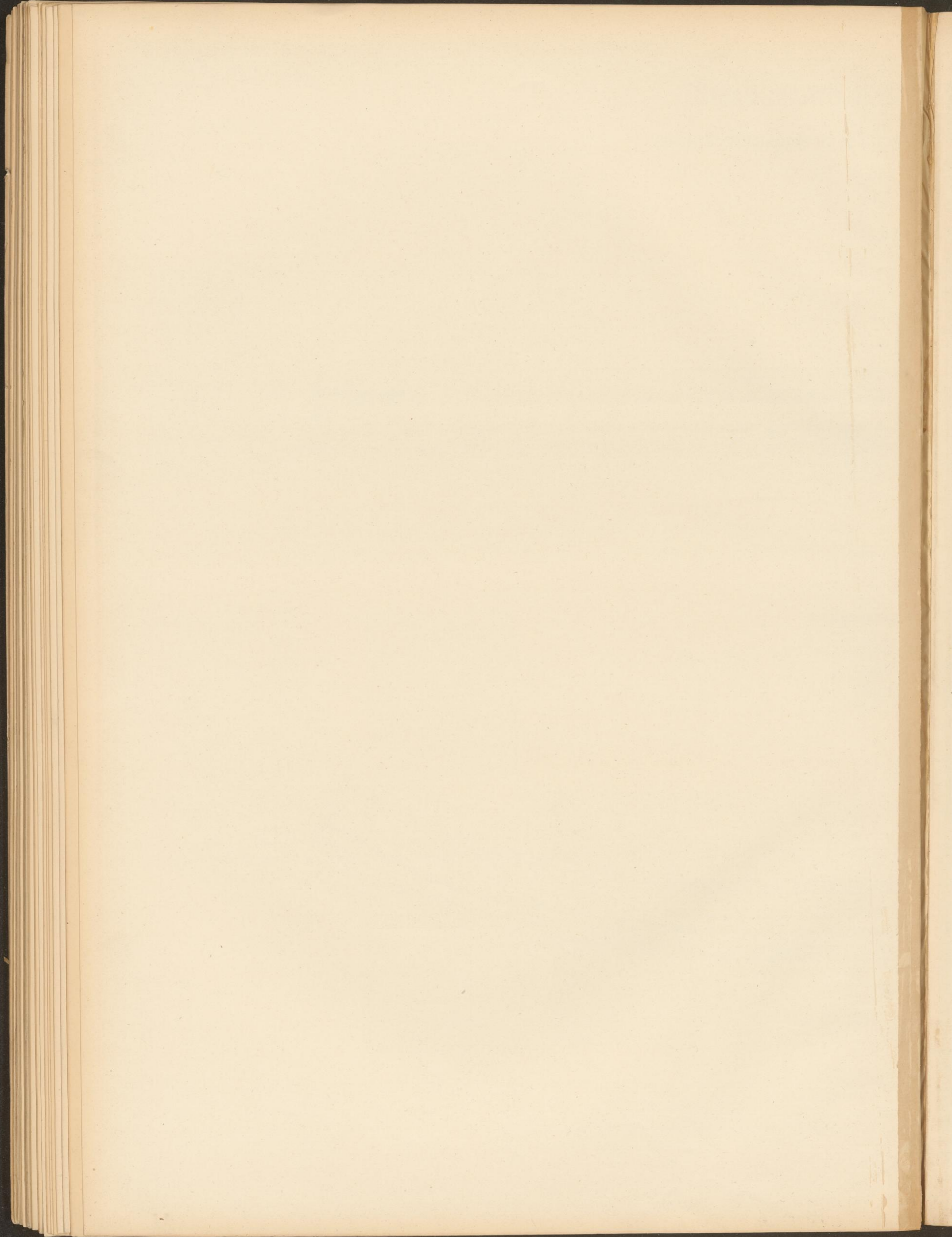


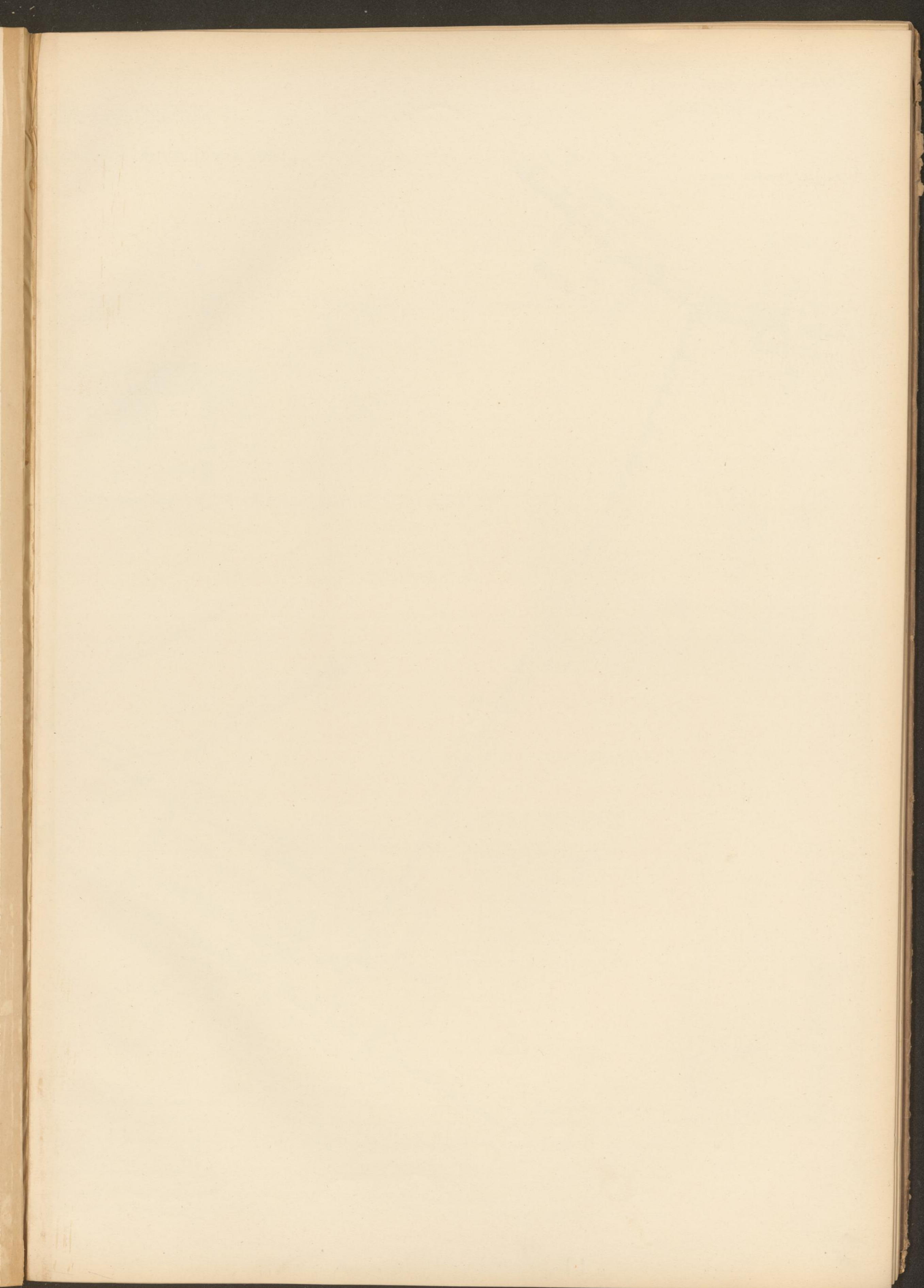
Querschnitt AB.



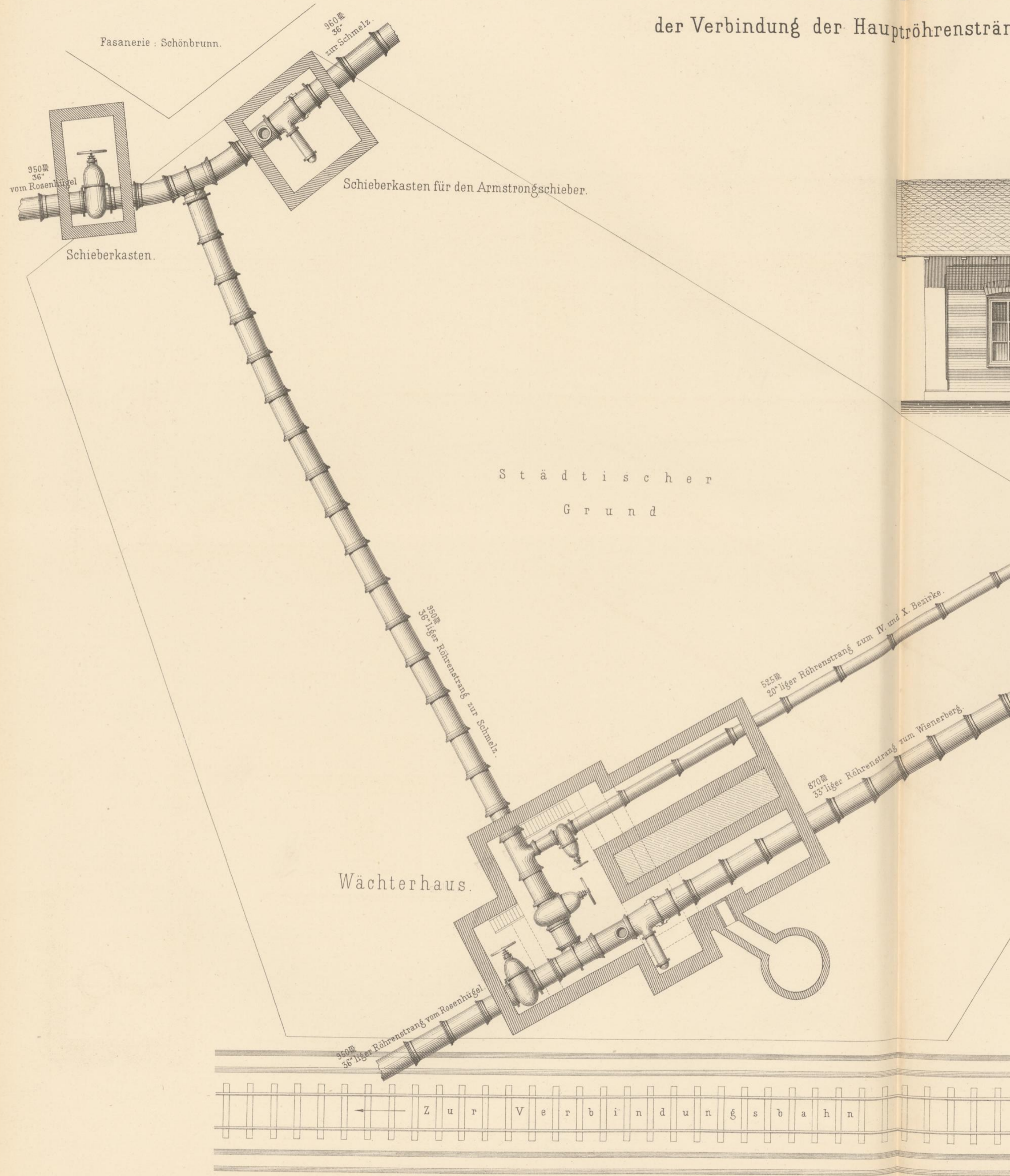
Grundriss.



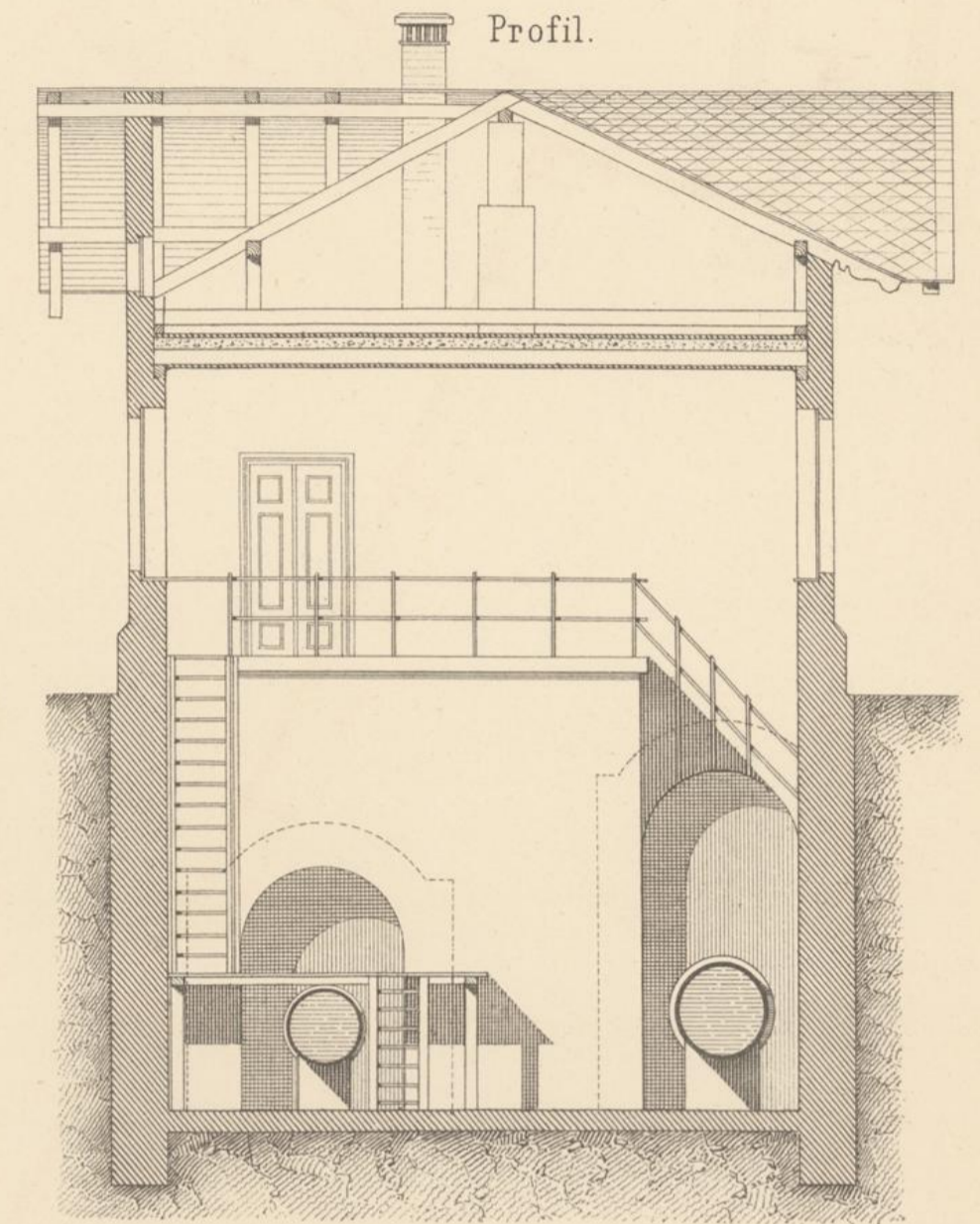
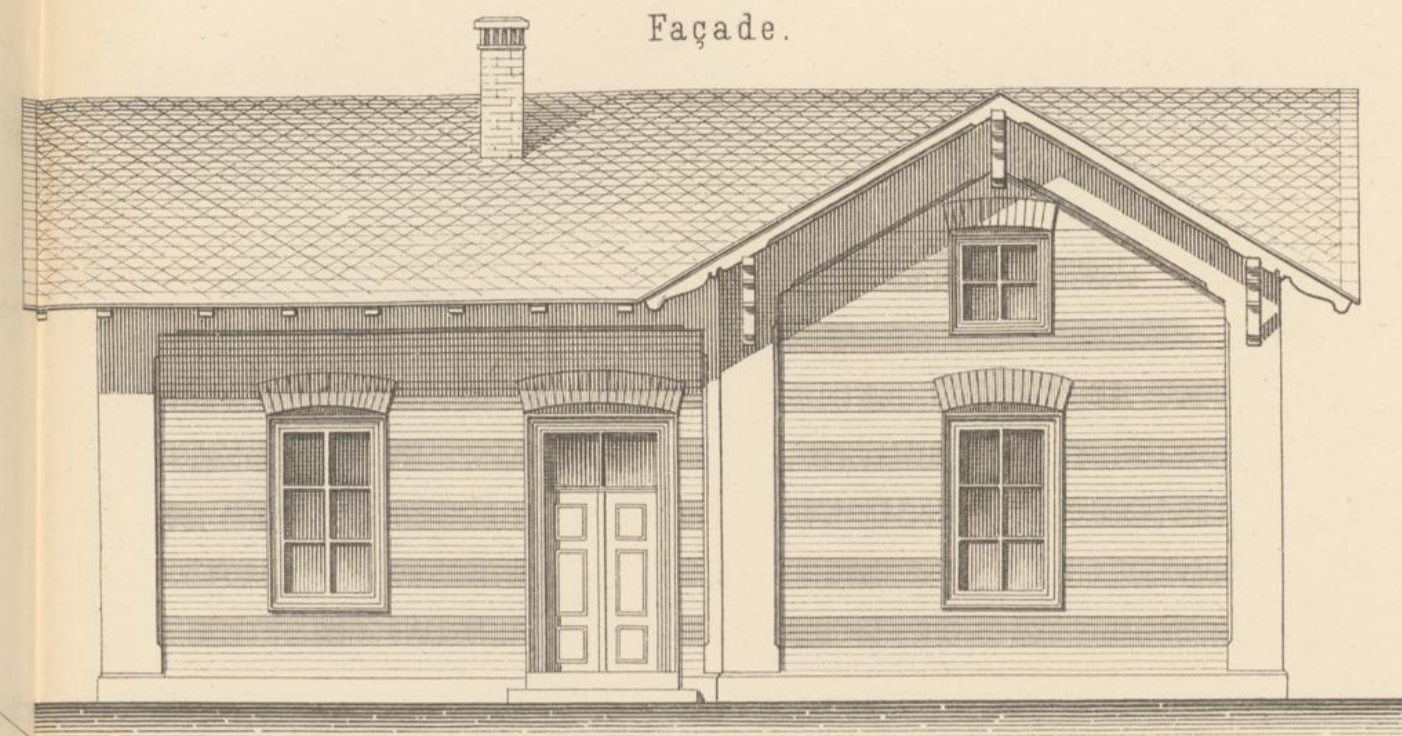




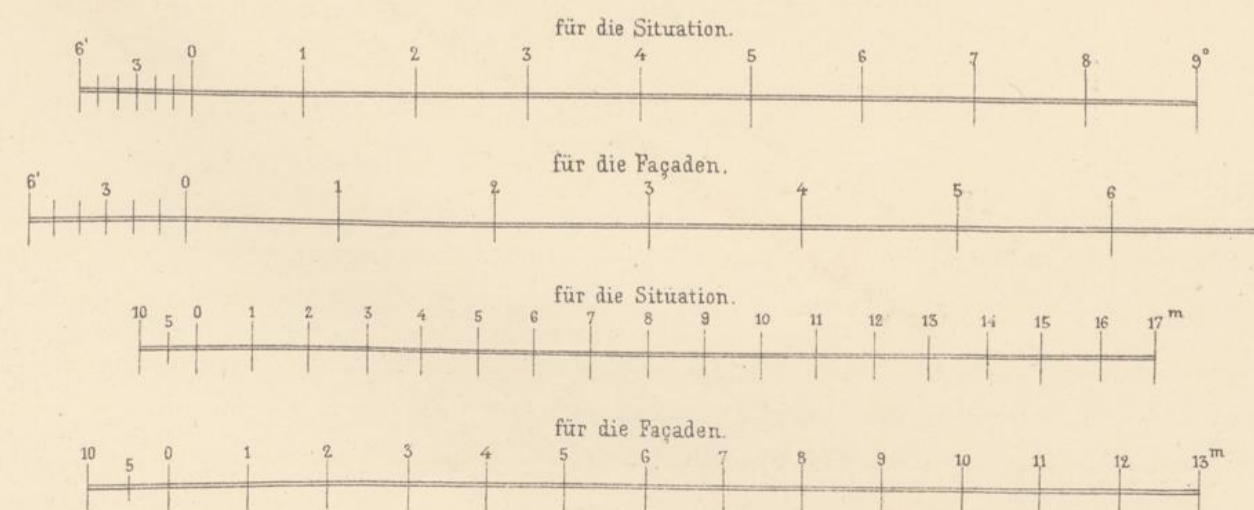
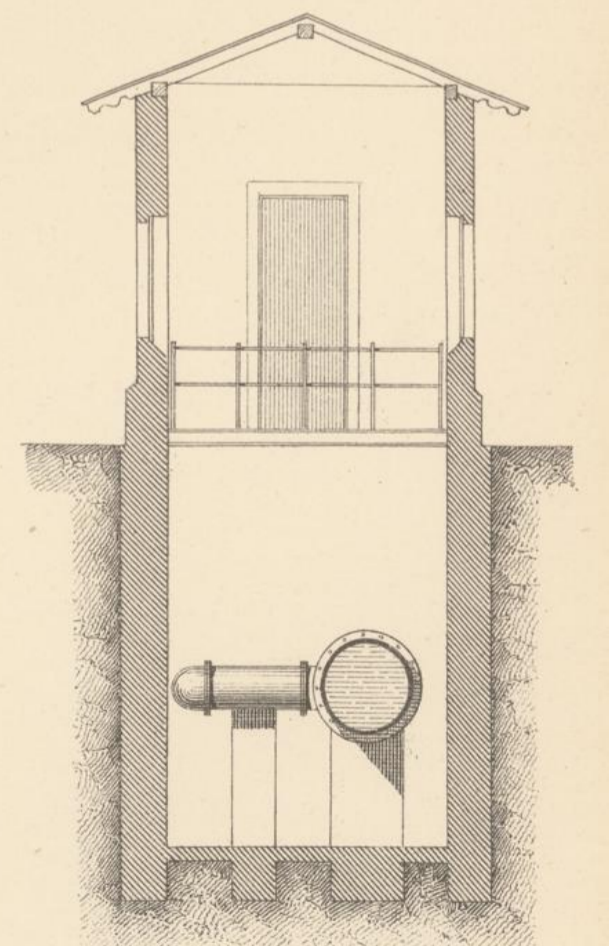
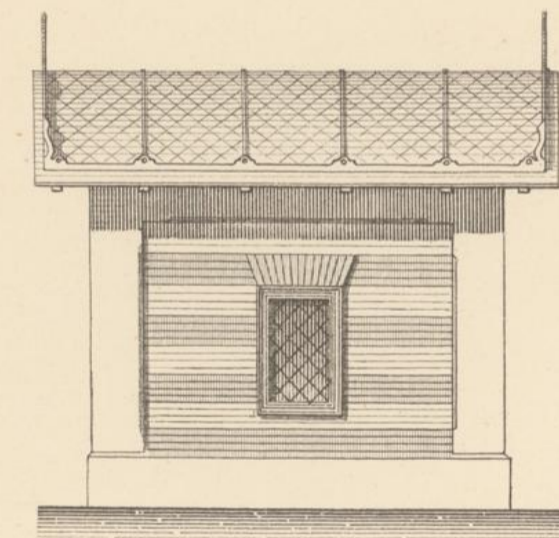
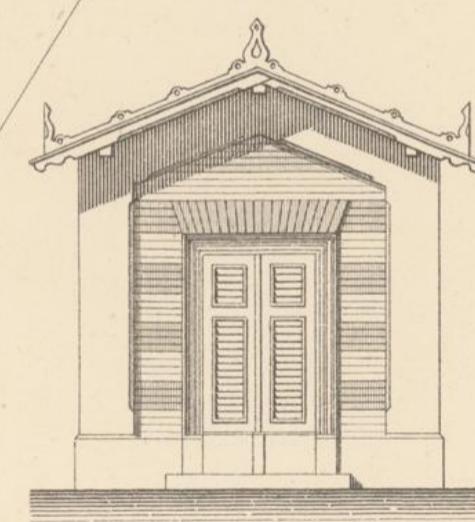
WÄCHTERHAUS UND SITUATION
der Verbindung der Haupttröhrenstränge bei Hetzendorf.

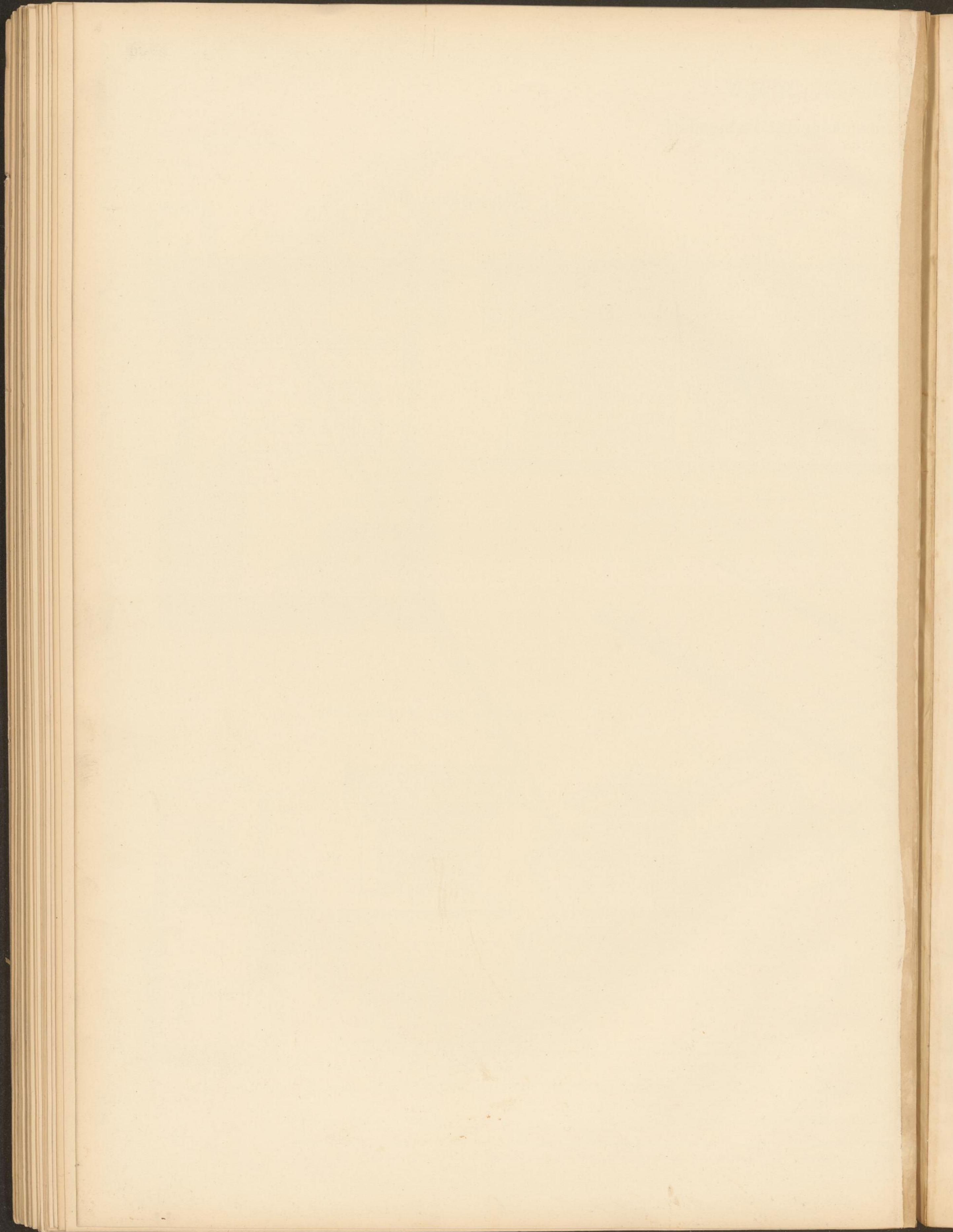


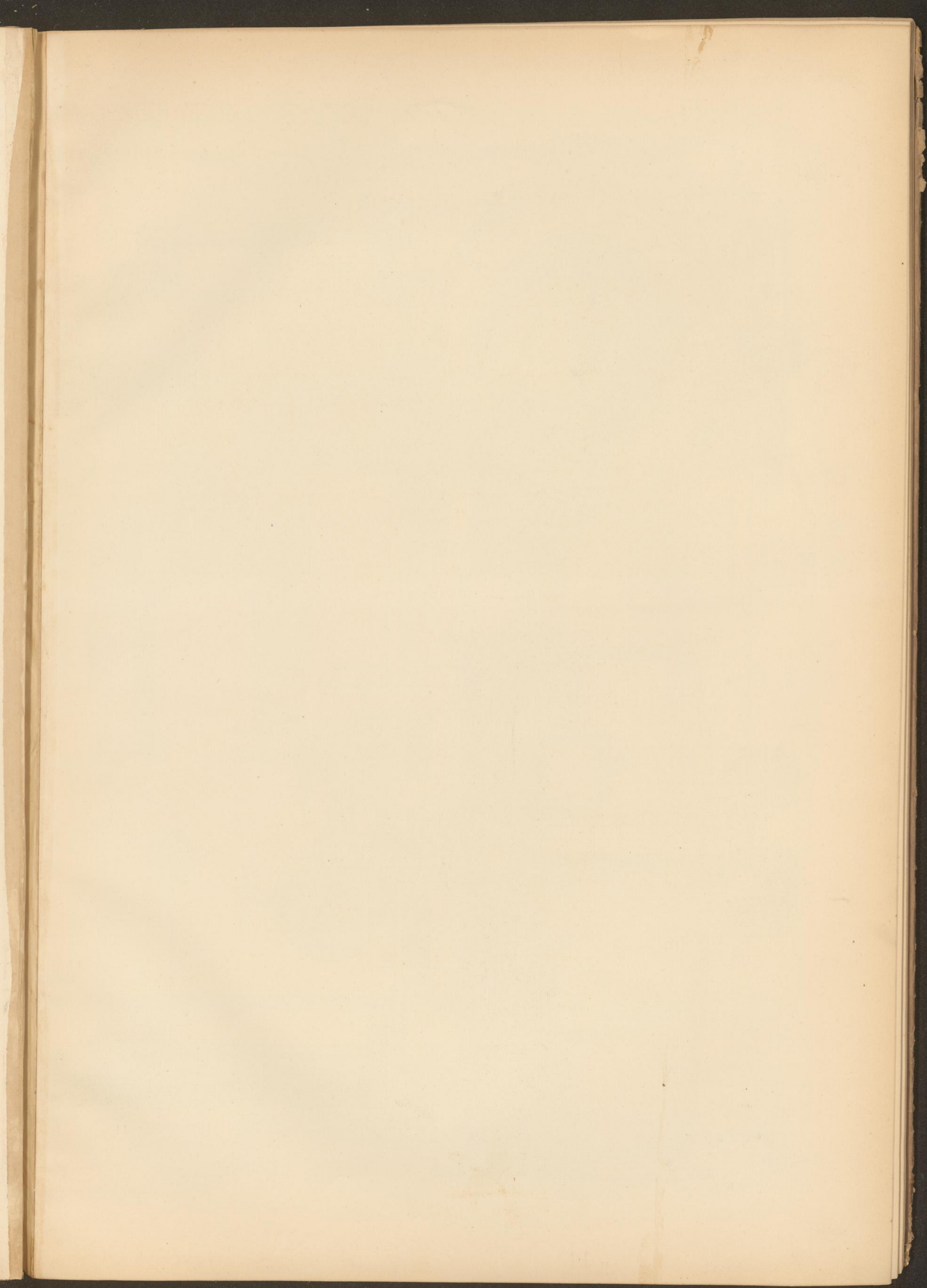
Wächterhaus.



Schieberkasten für den Armstrongschieber.



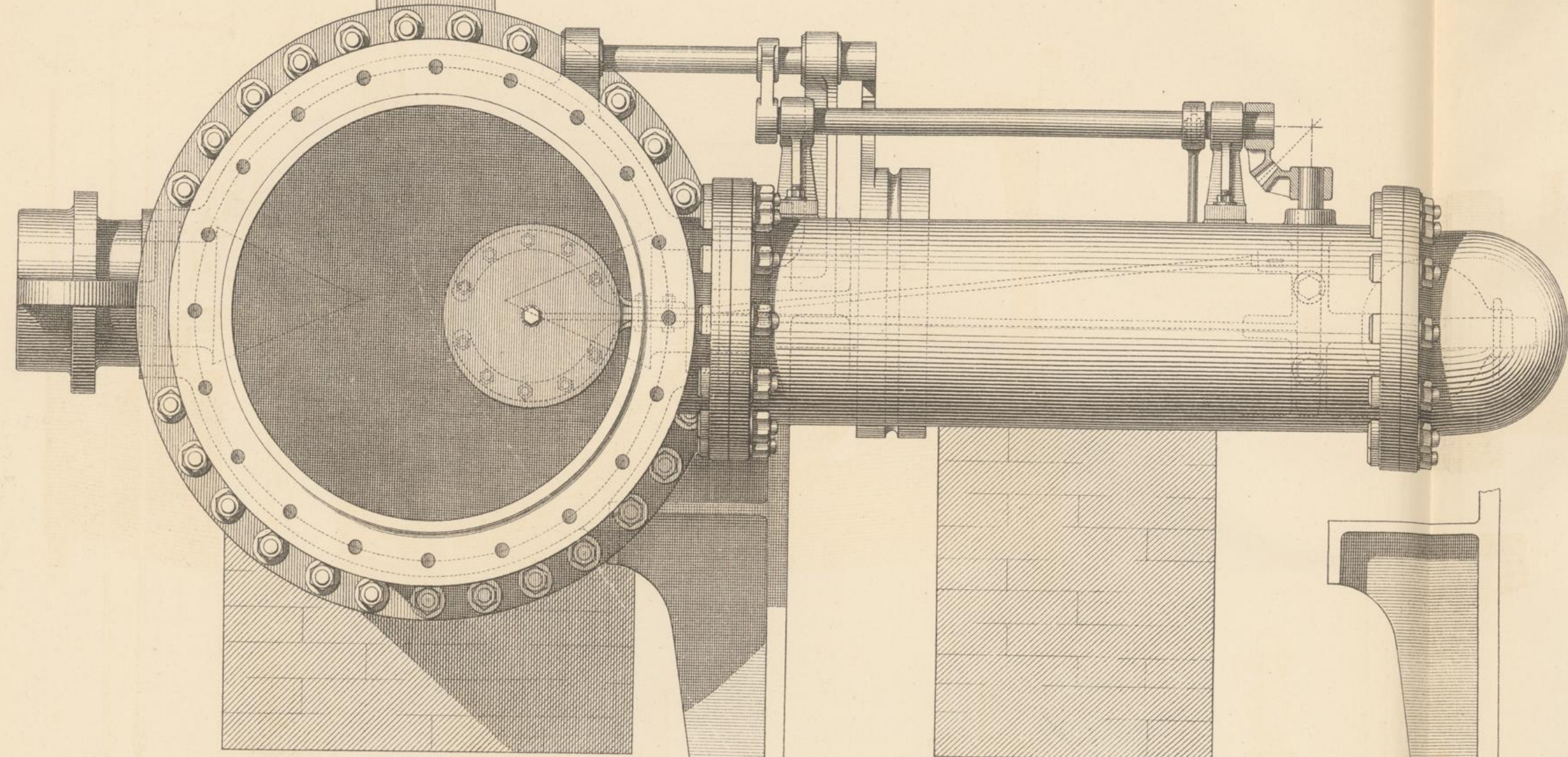




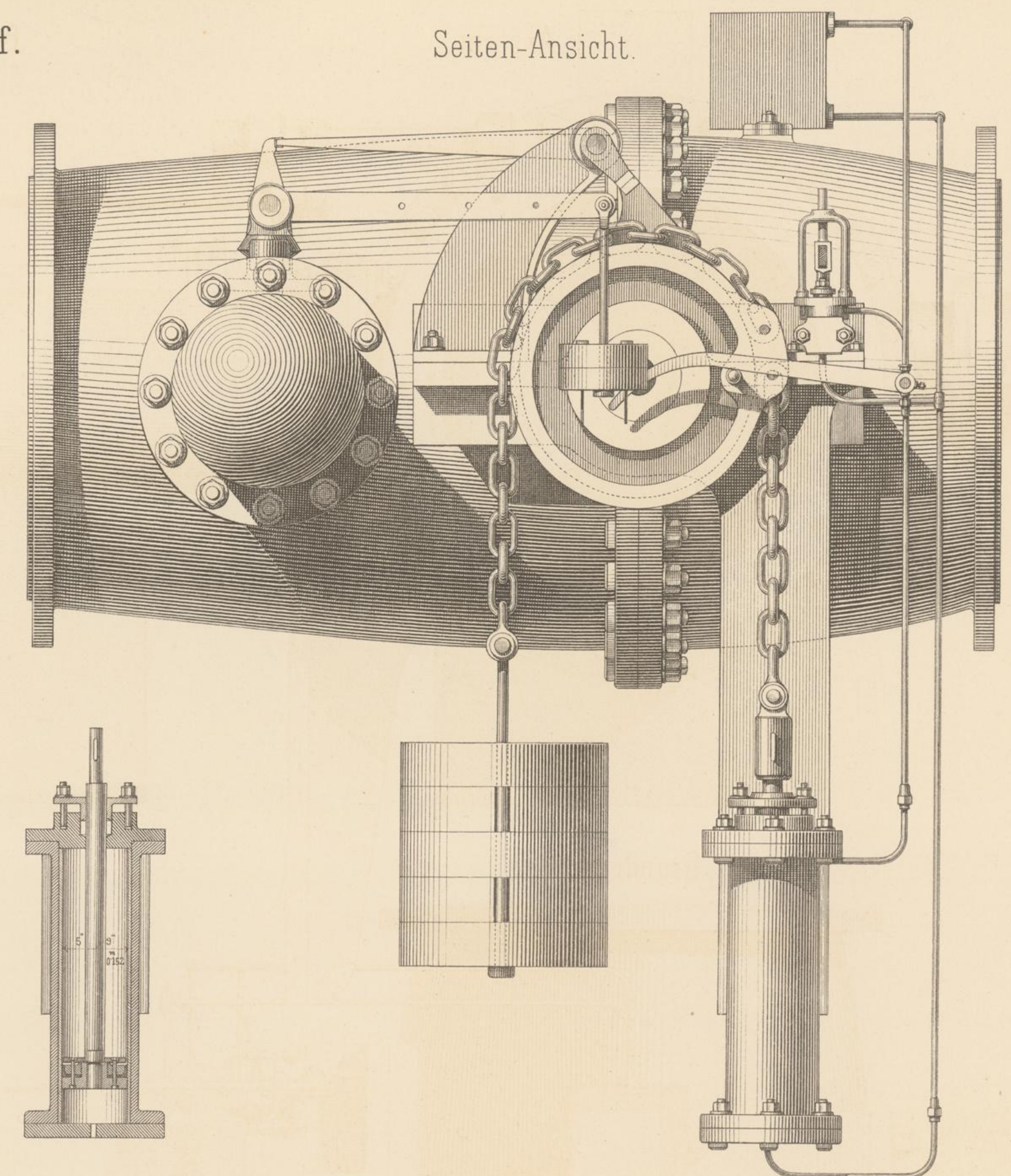
SELBSTTHÄTIGE ARMSTRONG-ABSPERRVORRICHTUNG

für die Haupttröhrenstränge bei Hetzendorf.

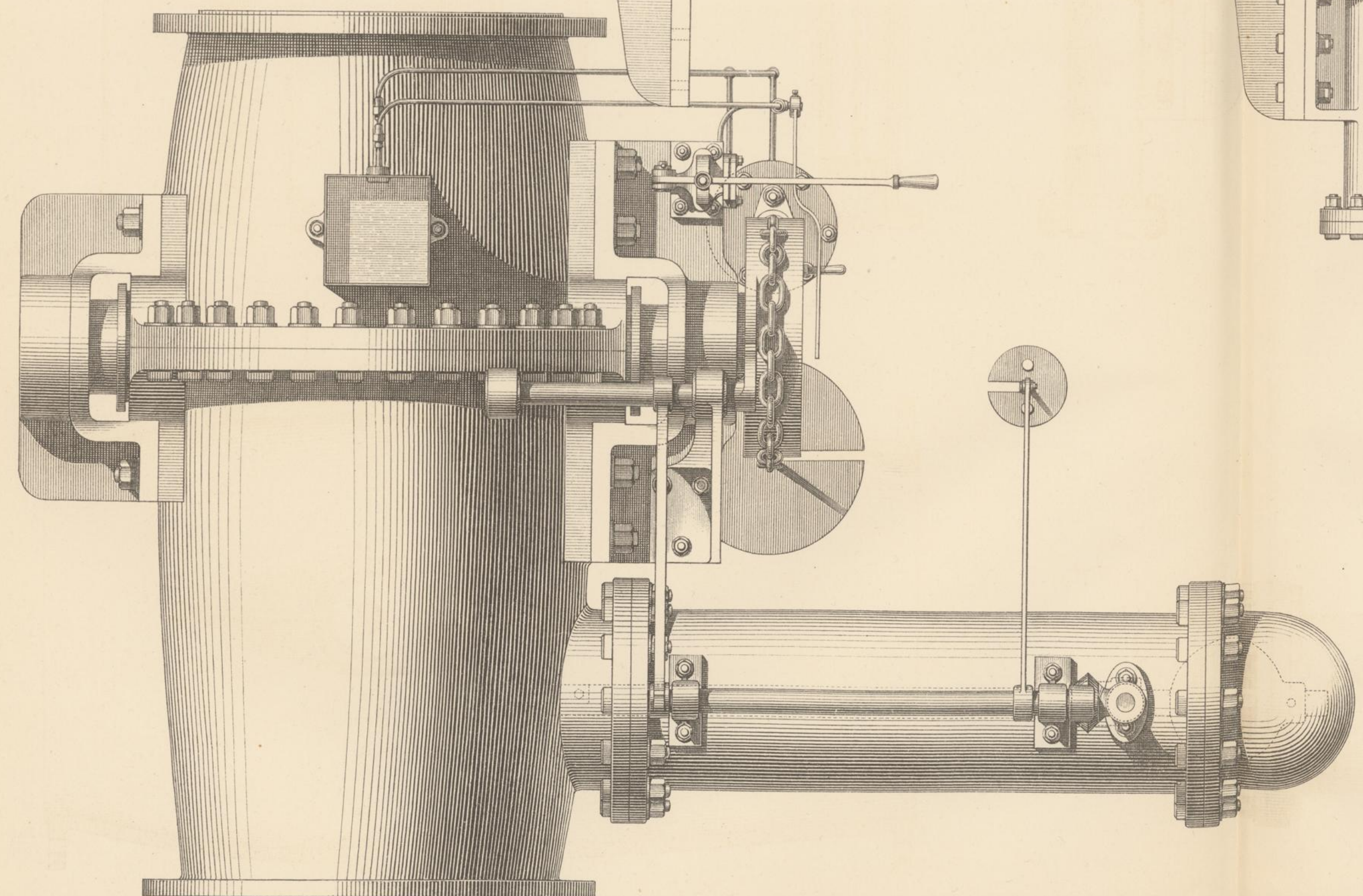
Vorder-Ansicht.



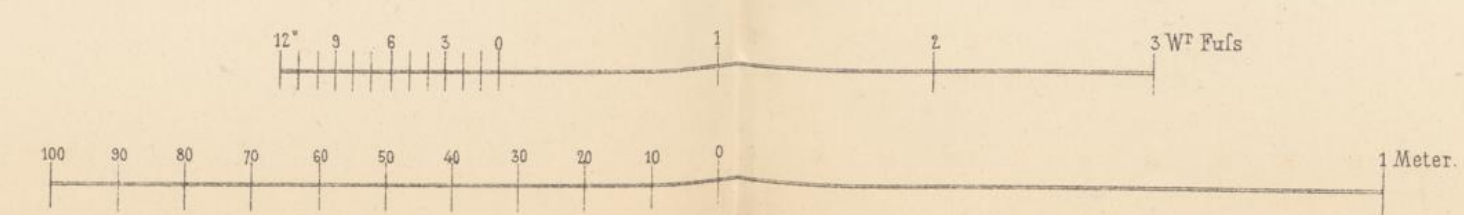
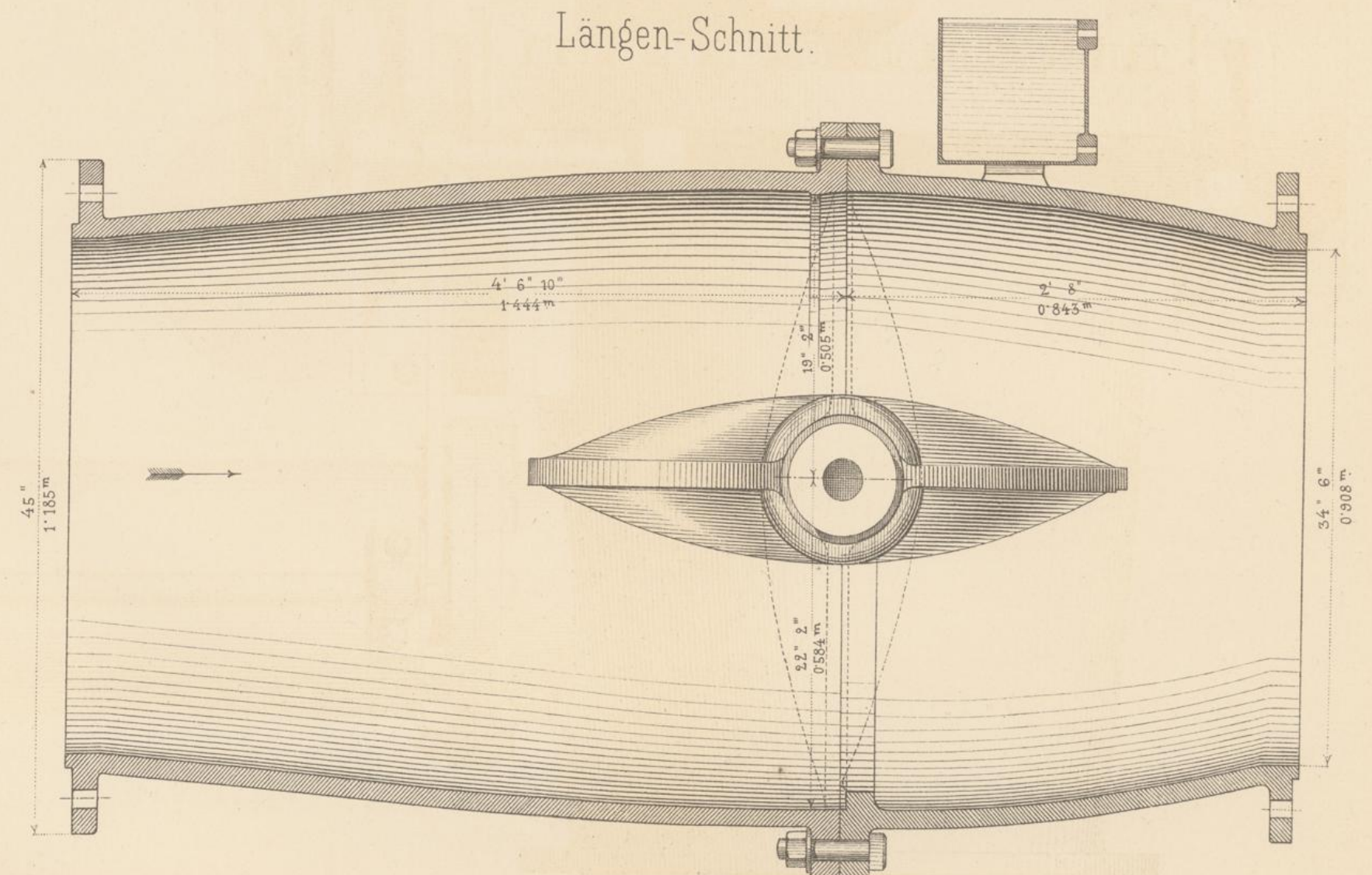
Seiten-Ansicht.

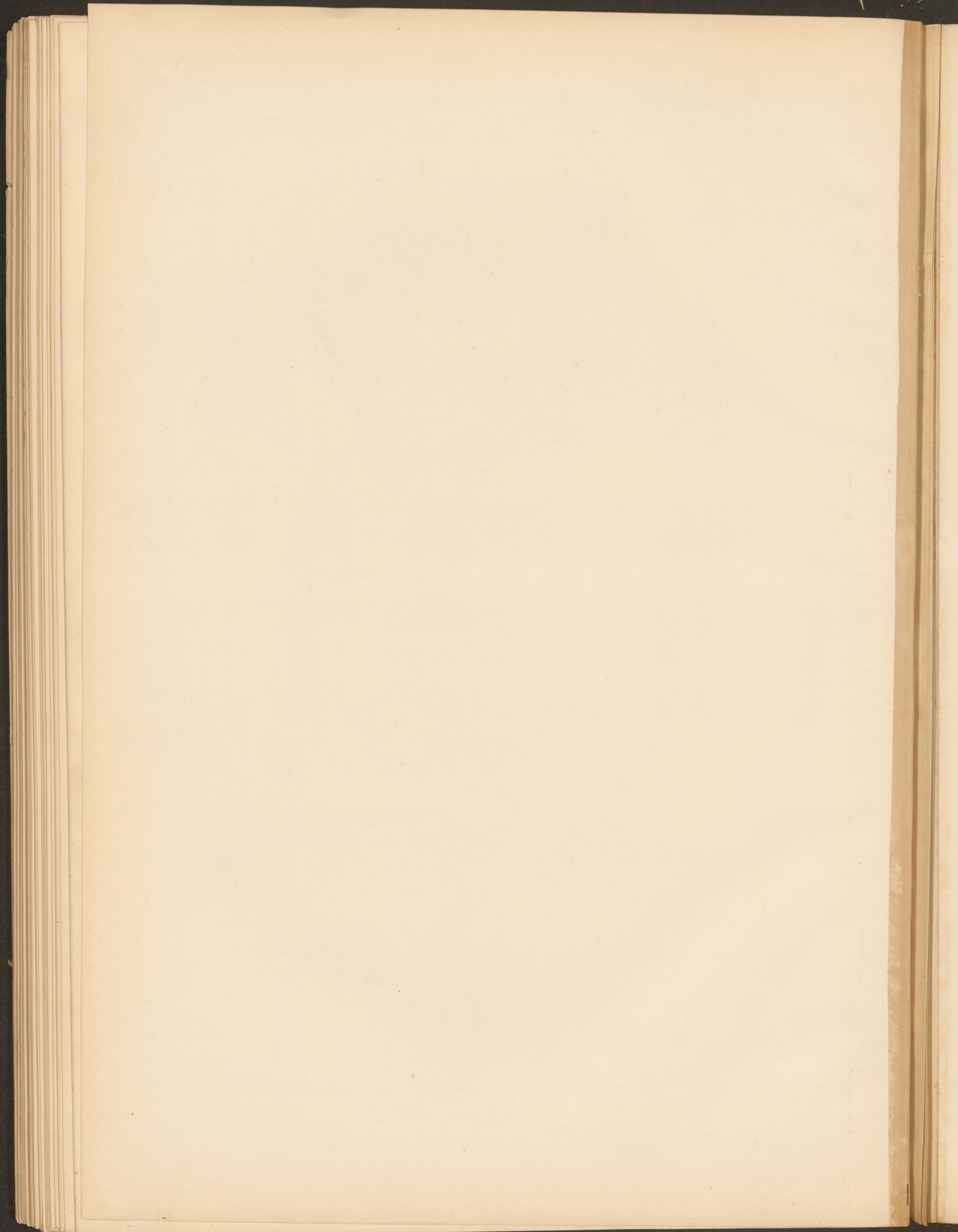


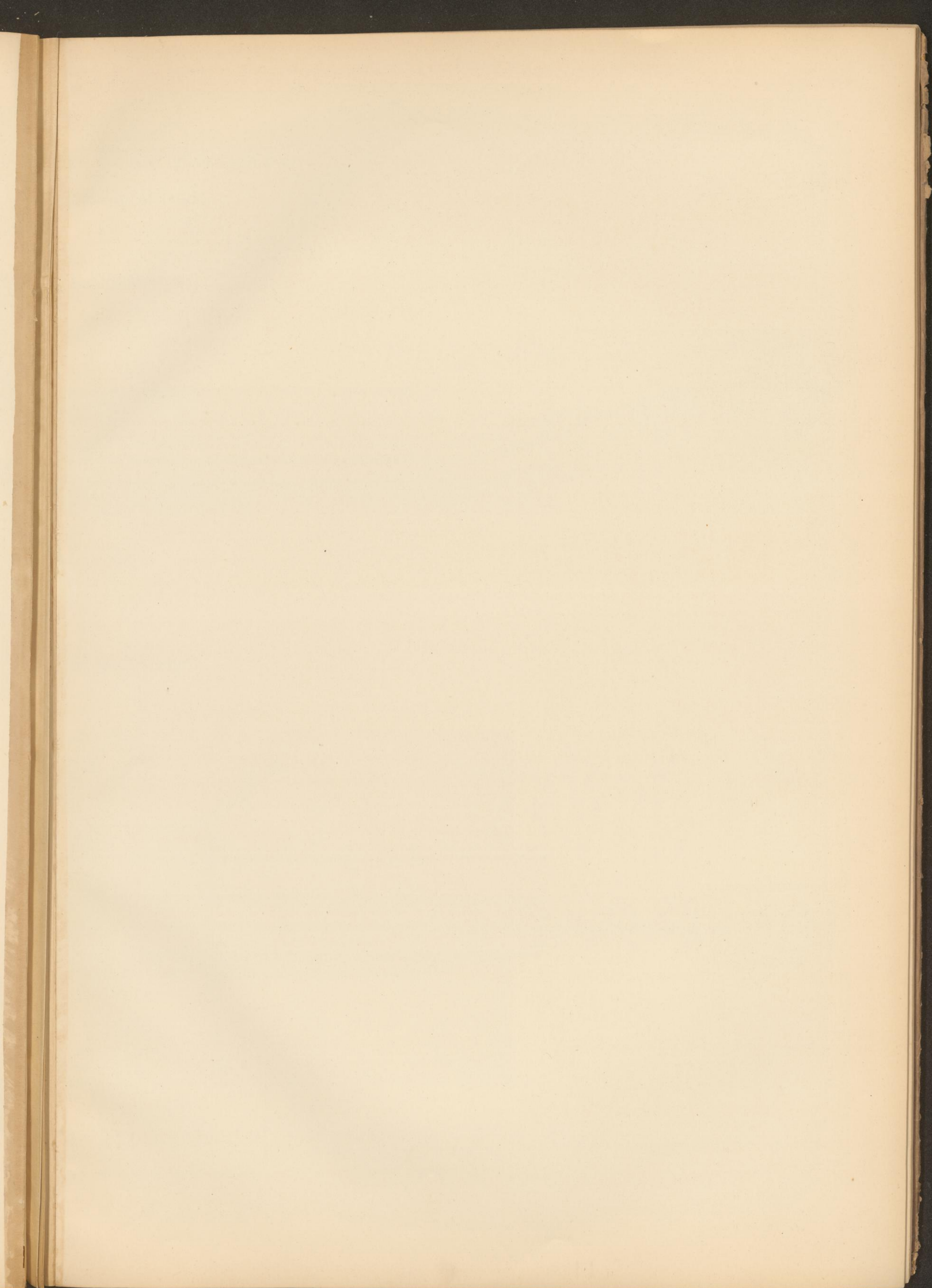
Grundriss.



Längen-Schnitt.



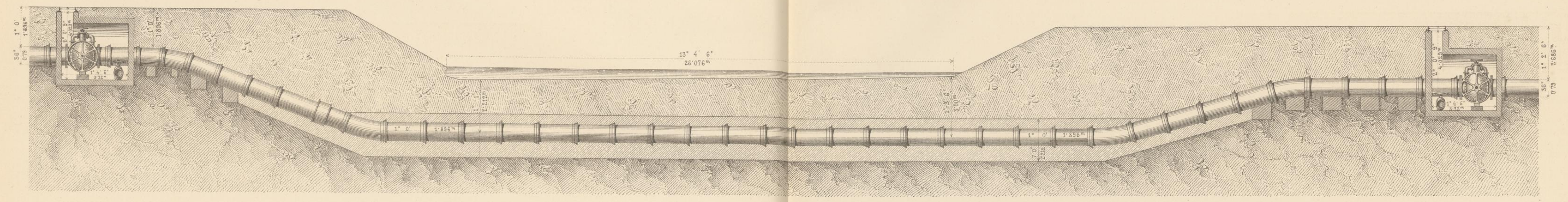




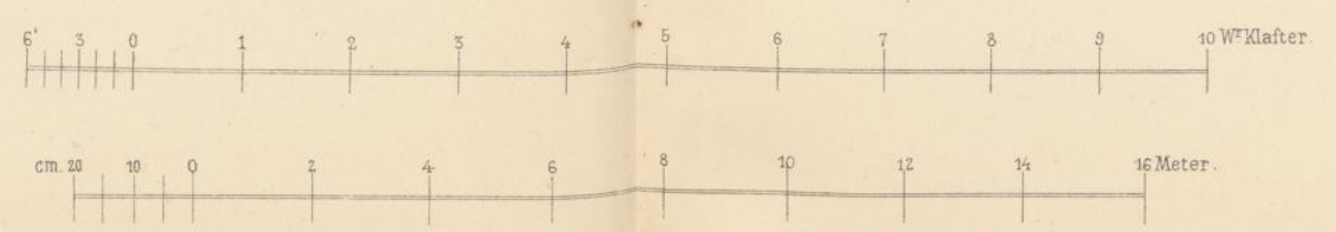
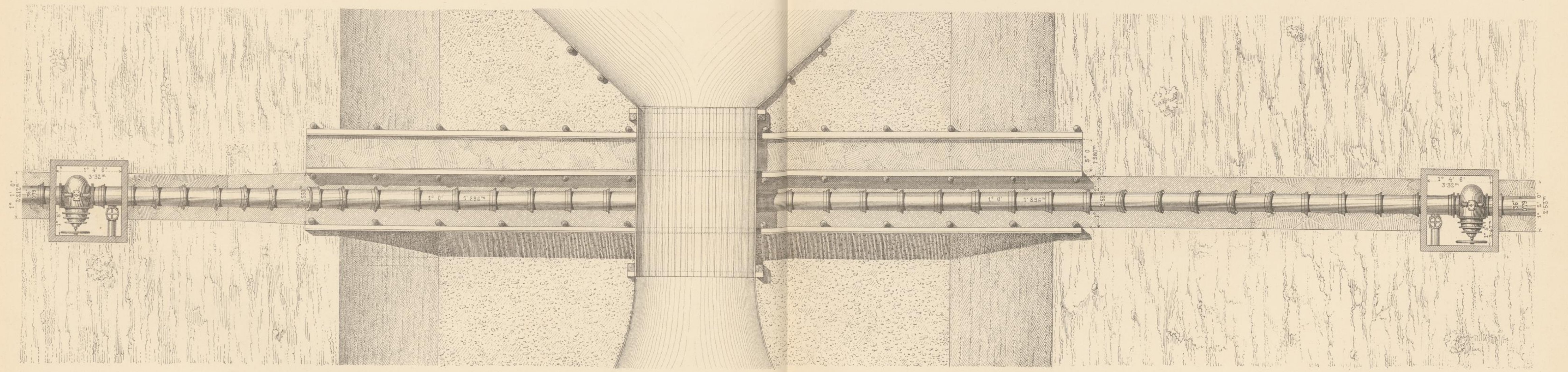
DURCHSETZUNG DES WIEN-FLUSSES

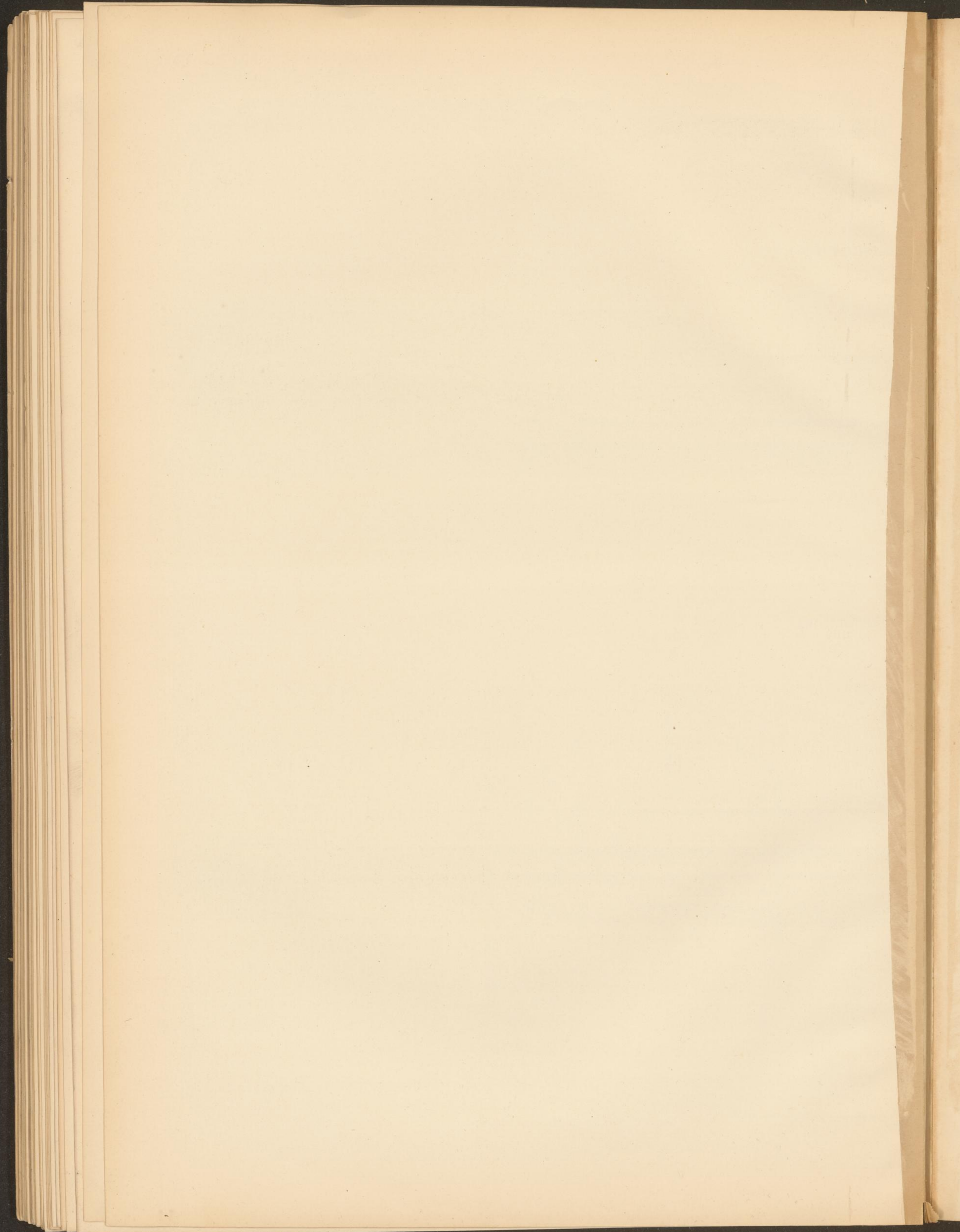
mit dem 36 zölligen Hauptrohre.

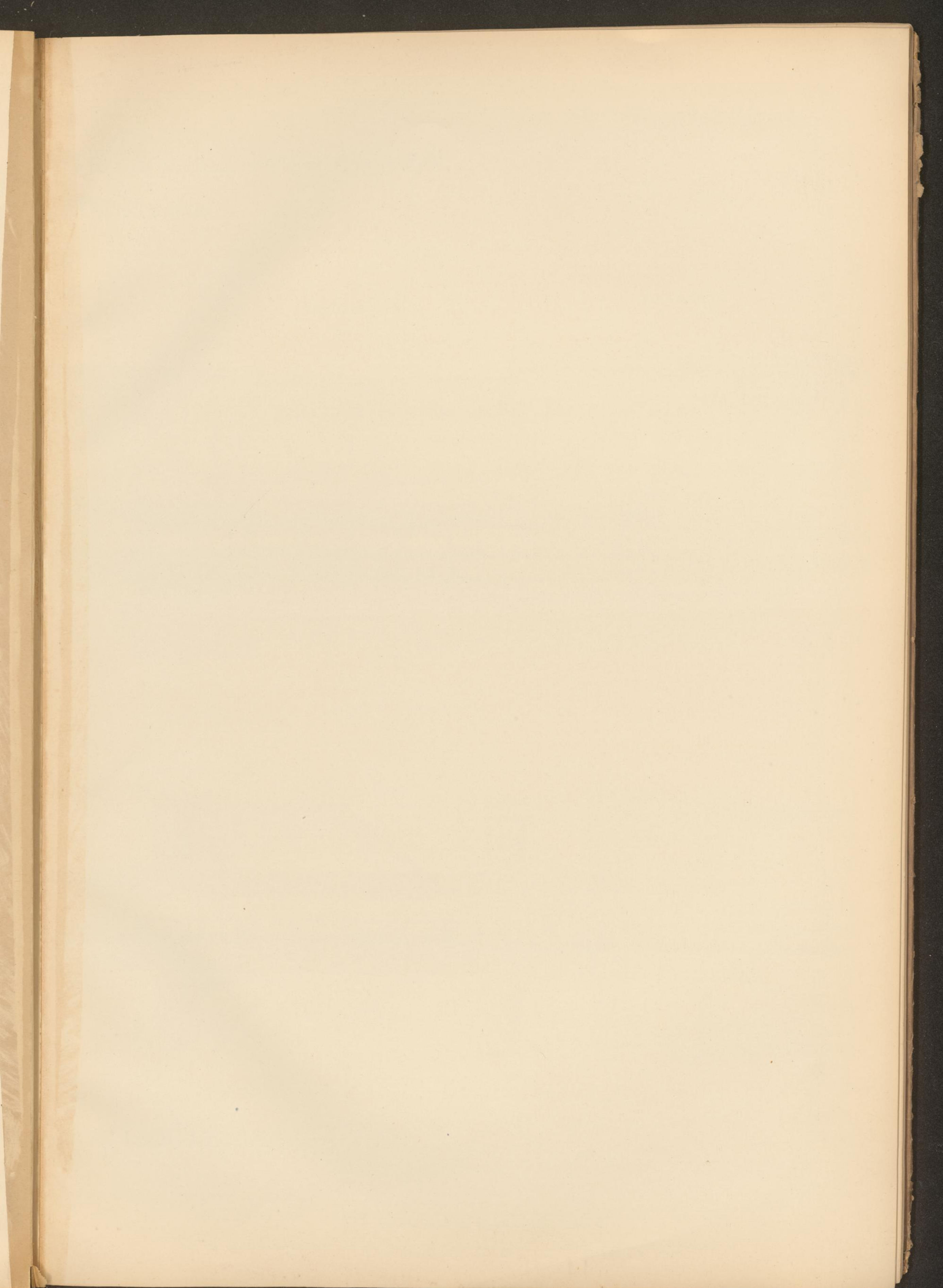
Längen-Profil nach der Ausführung.



Grundriss während der Ausführung.

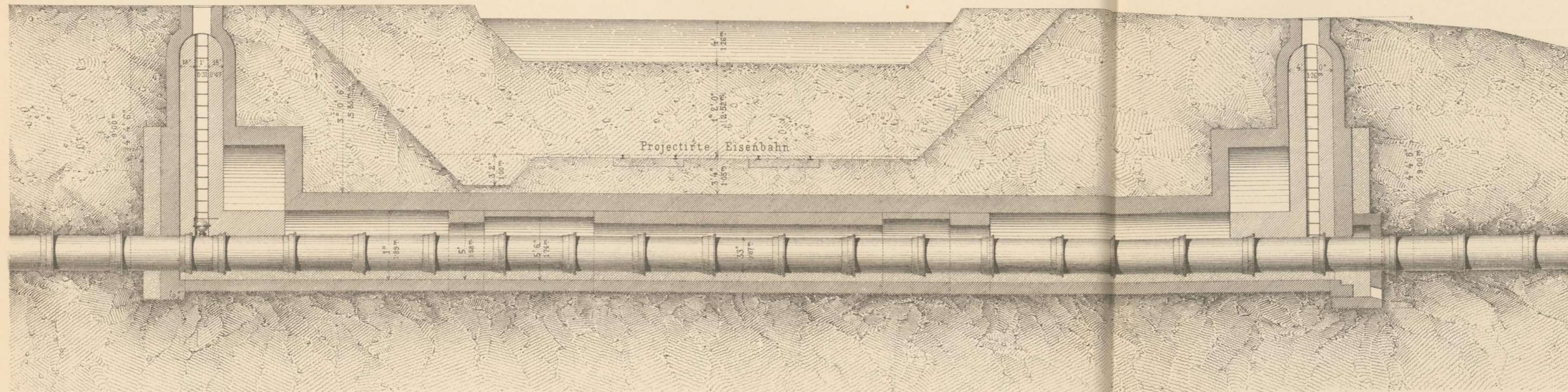




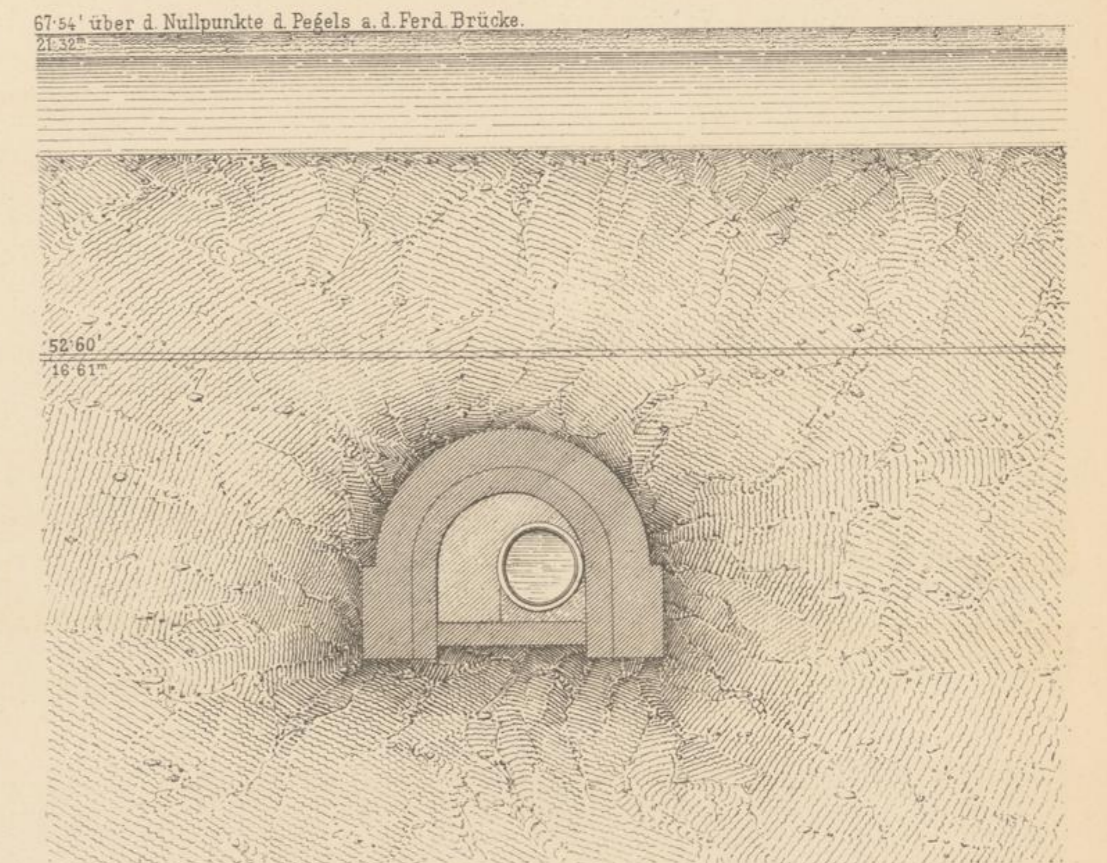


UNTERFAHRUNG DES WIEN-NEUSTÄDTER SCHIFFFAHRTS-CANALES
mit dem 33 zöllige 87^m Hauptrohre.

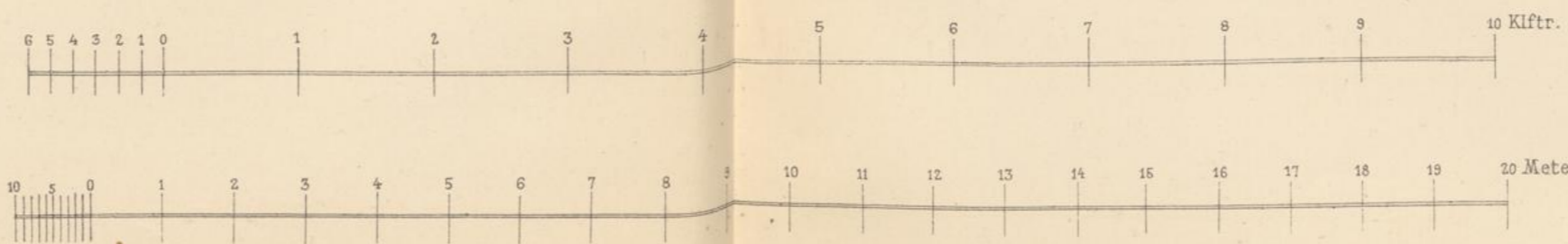
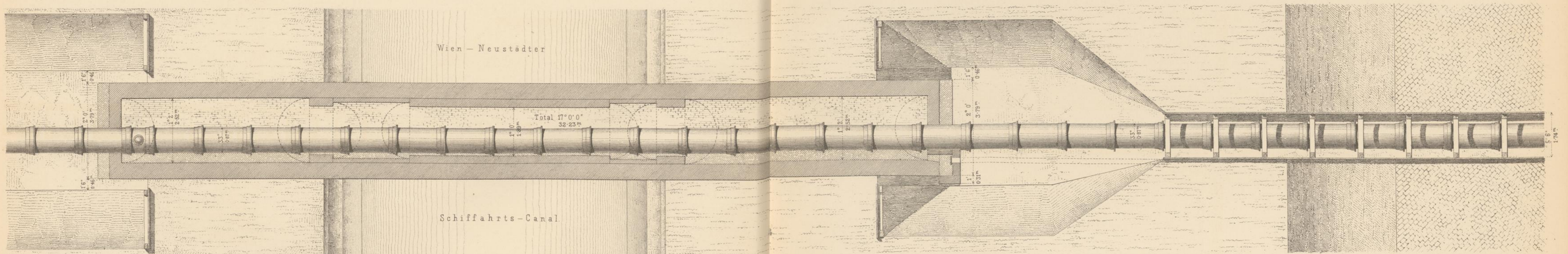
Längenschnitt.

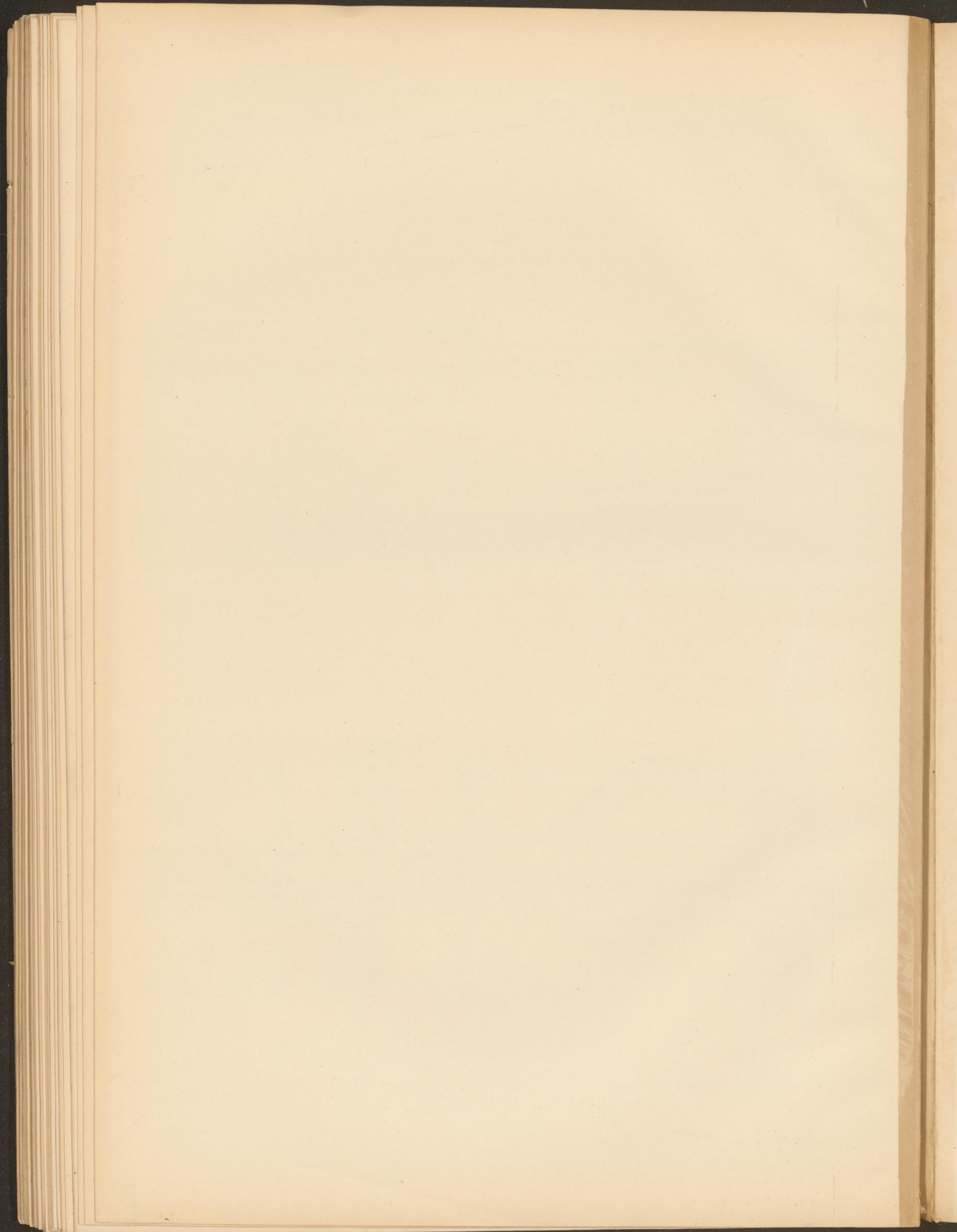


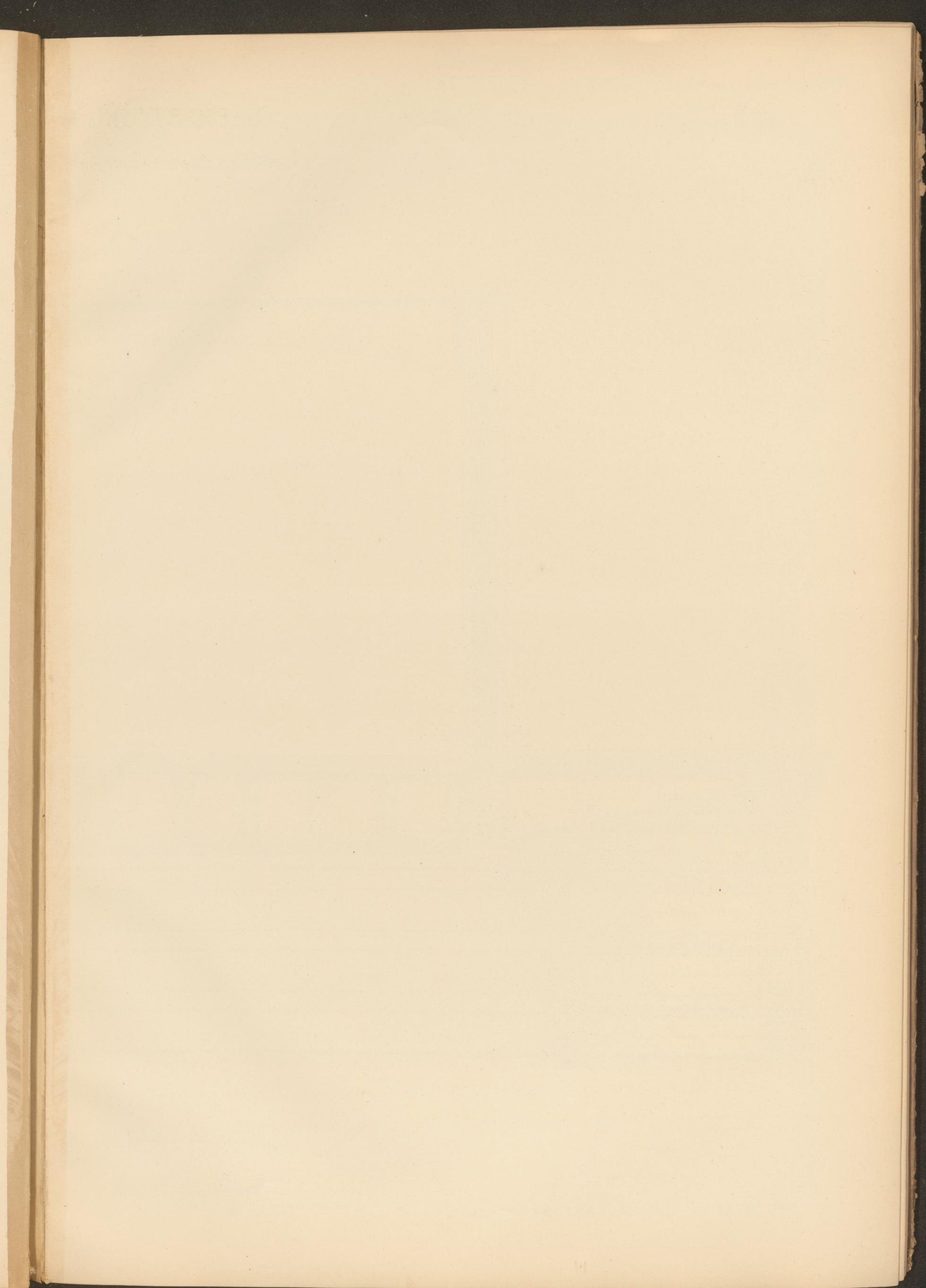
Querschnitt.



Grundriss.

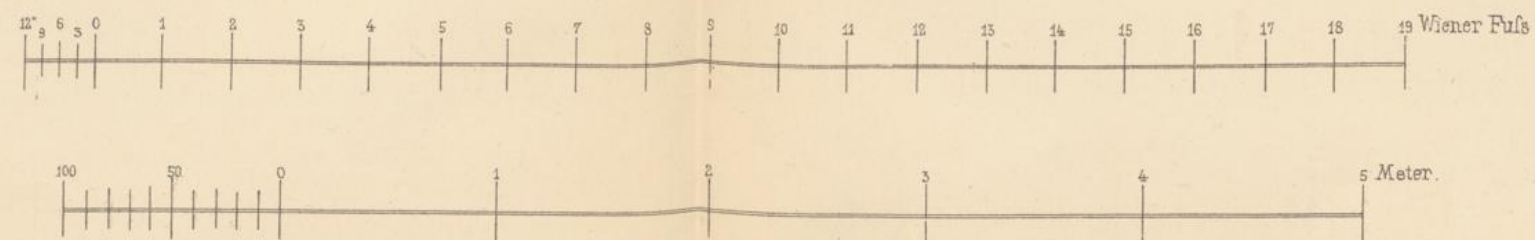
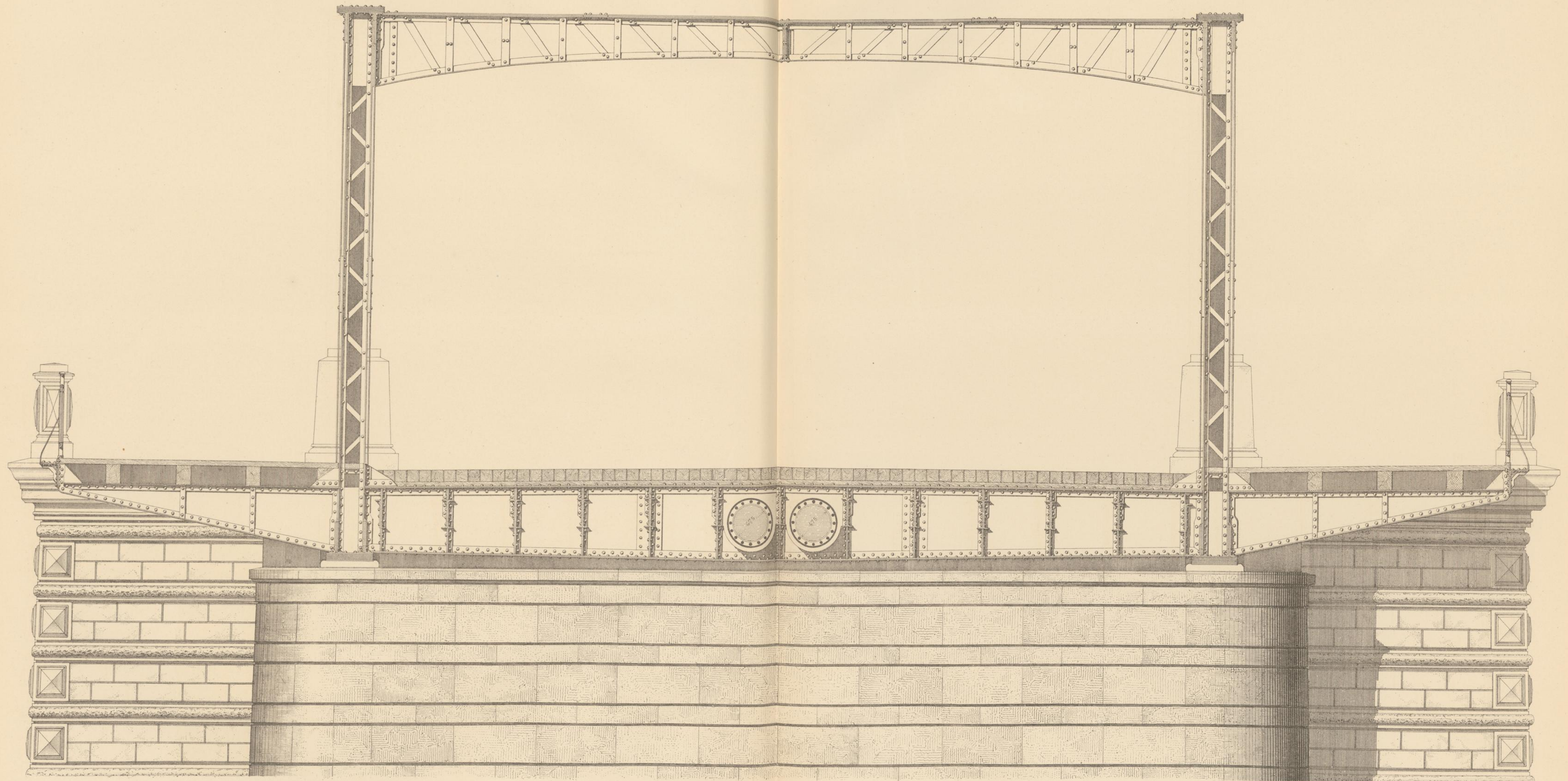


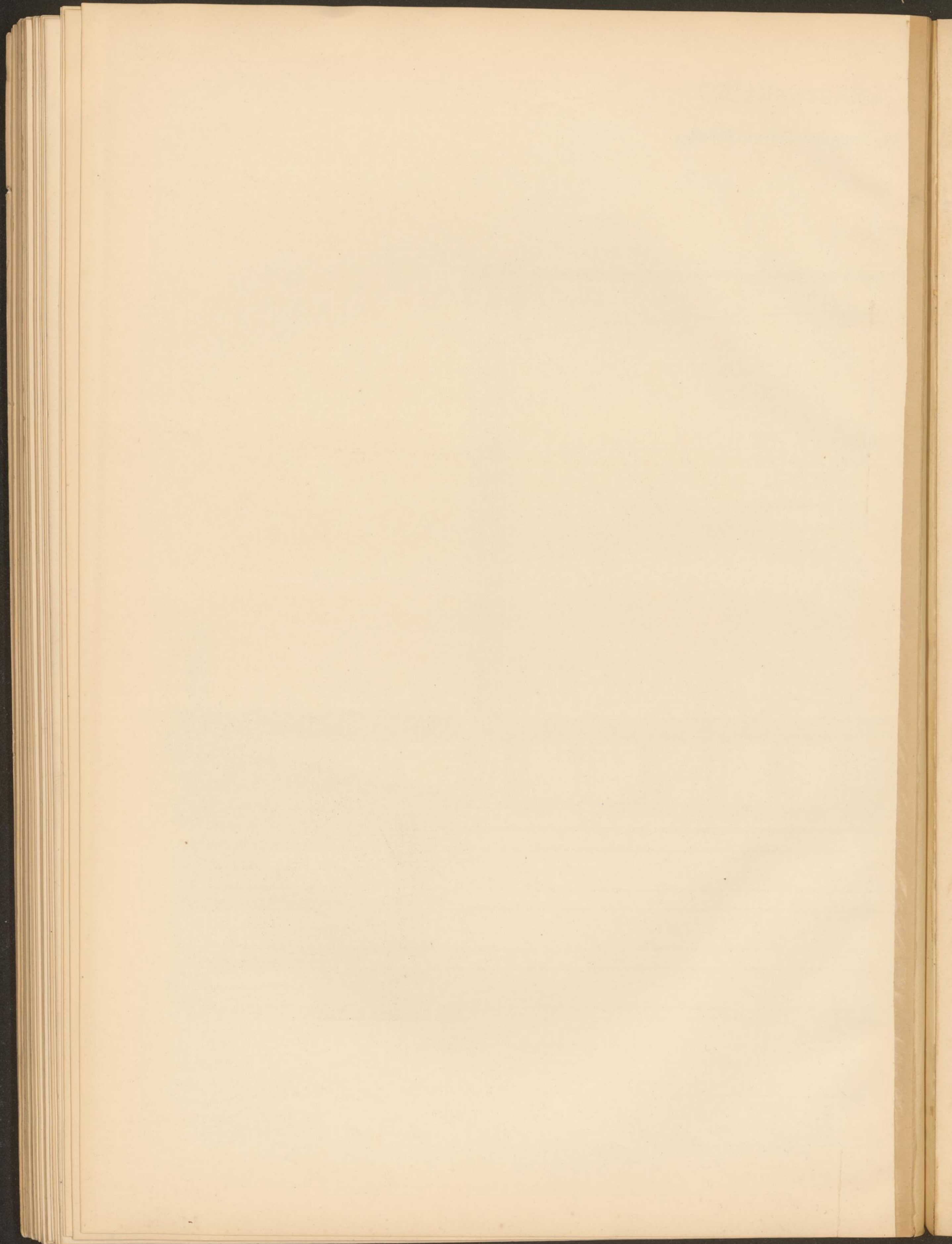


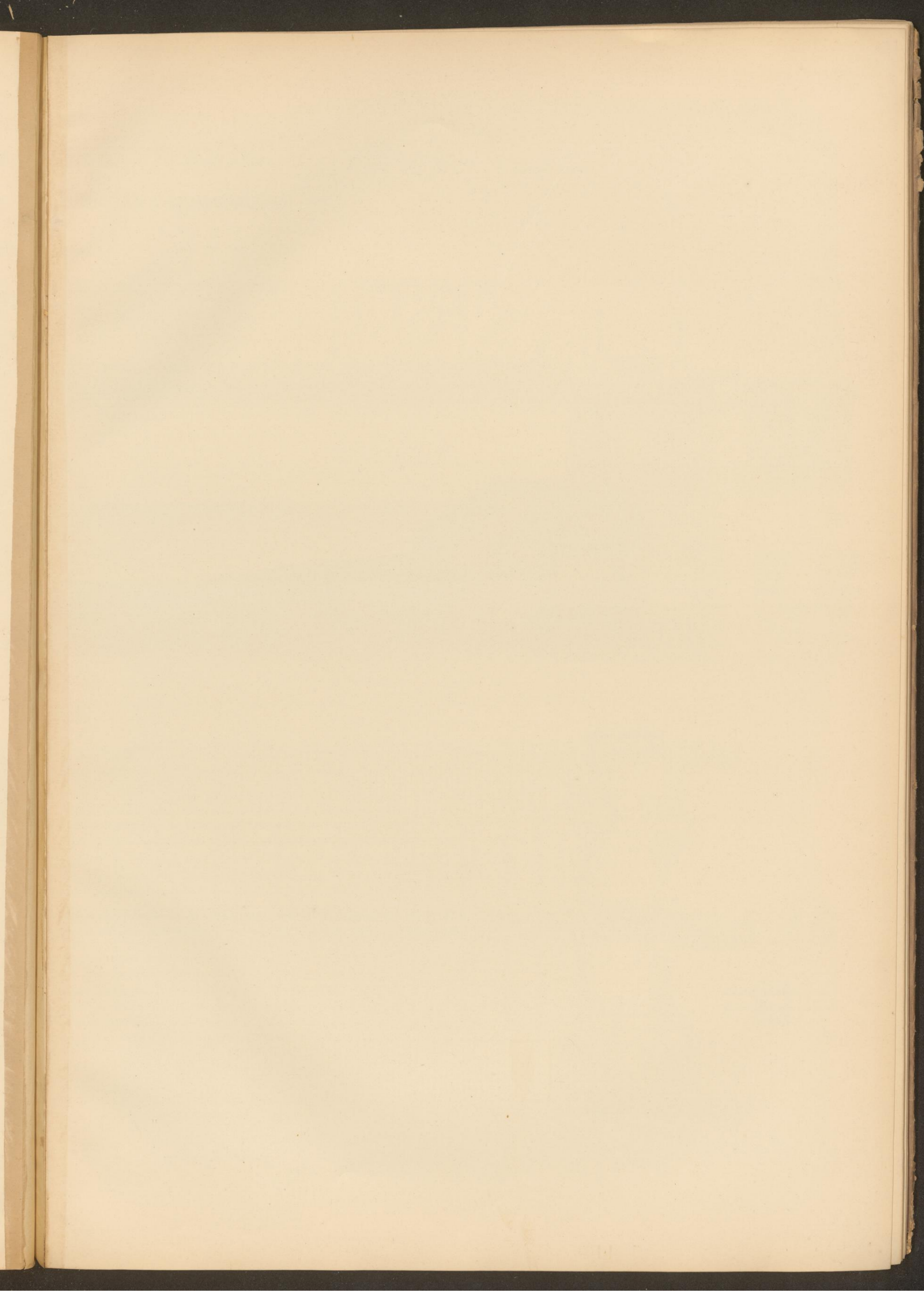


ÜBERSETZUNG DES DONAU-CANALES
mittelst zweier 18 zölliger Röhren durch die Sofien-Brücke.

Vertikal-Profil.

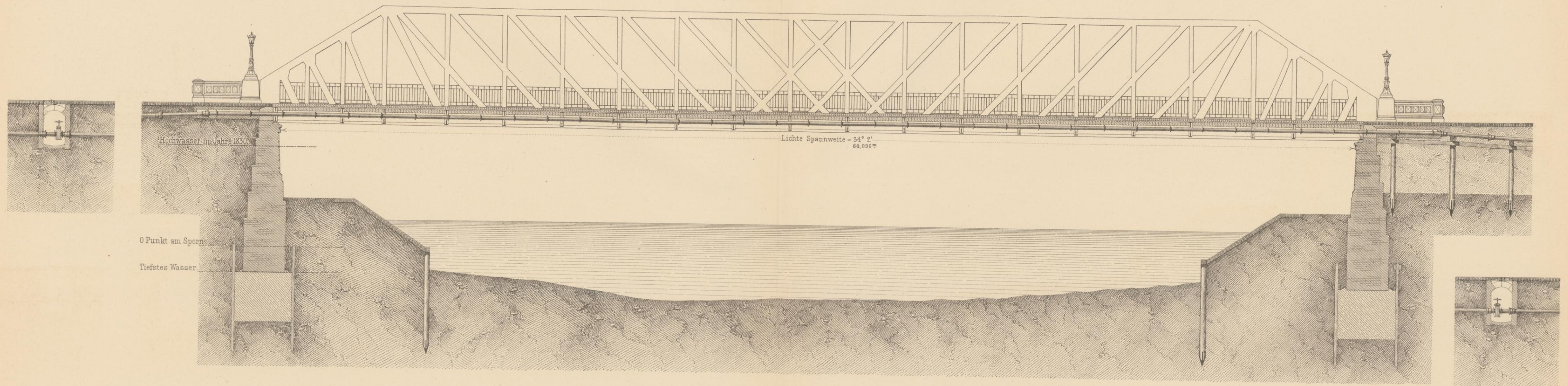




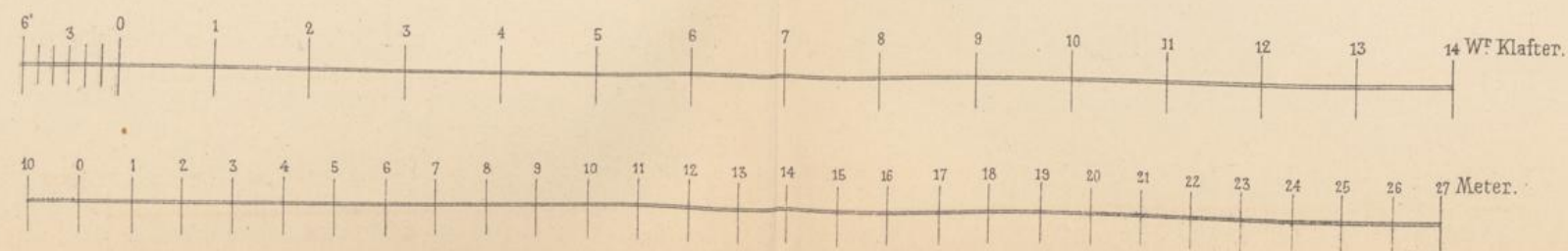
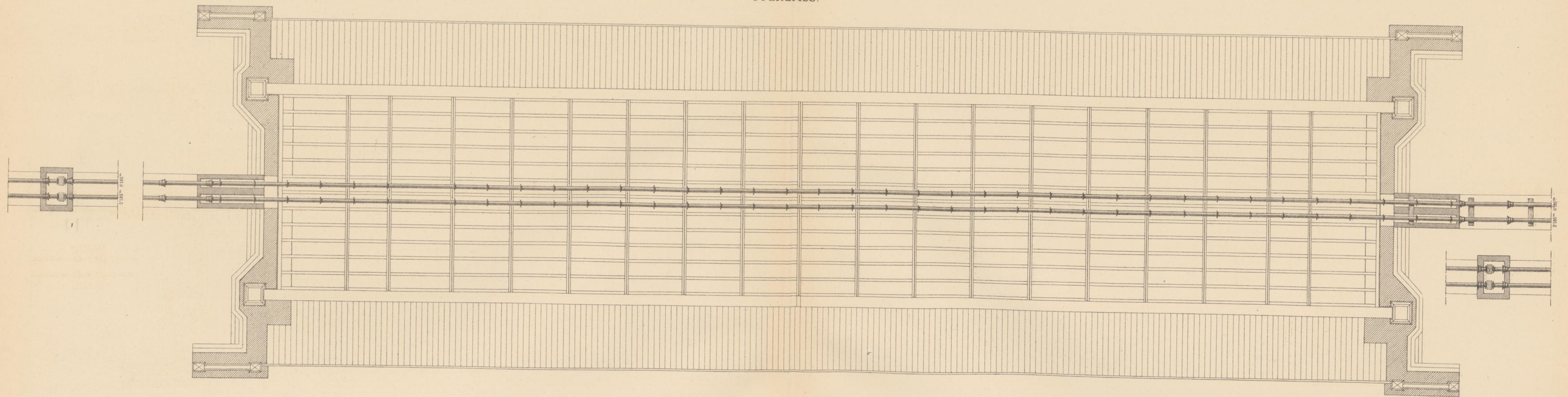


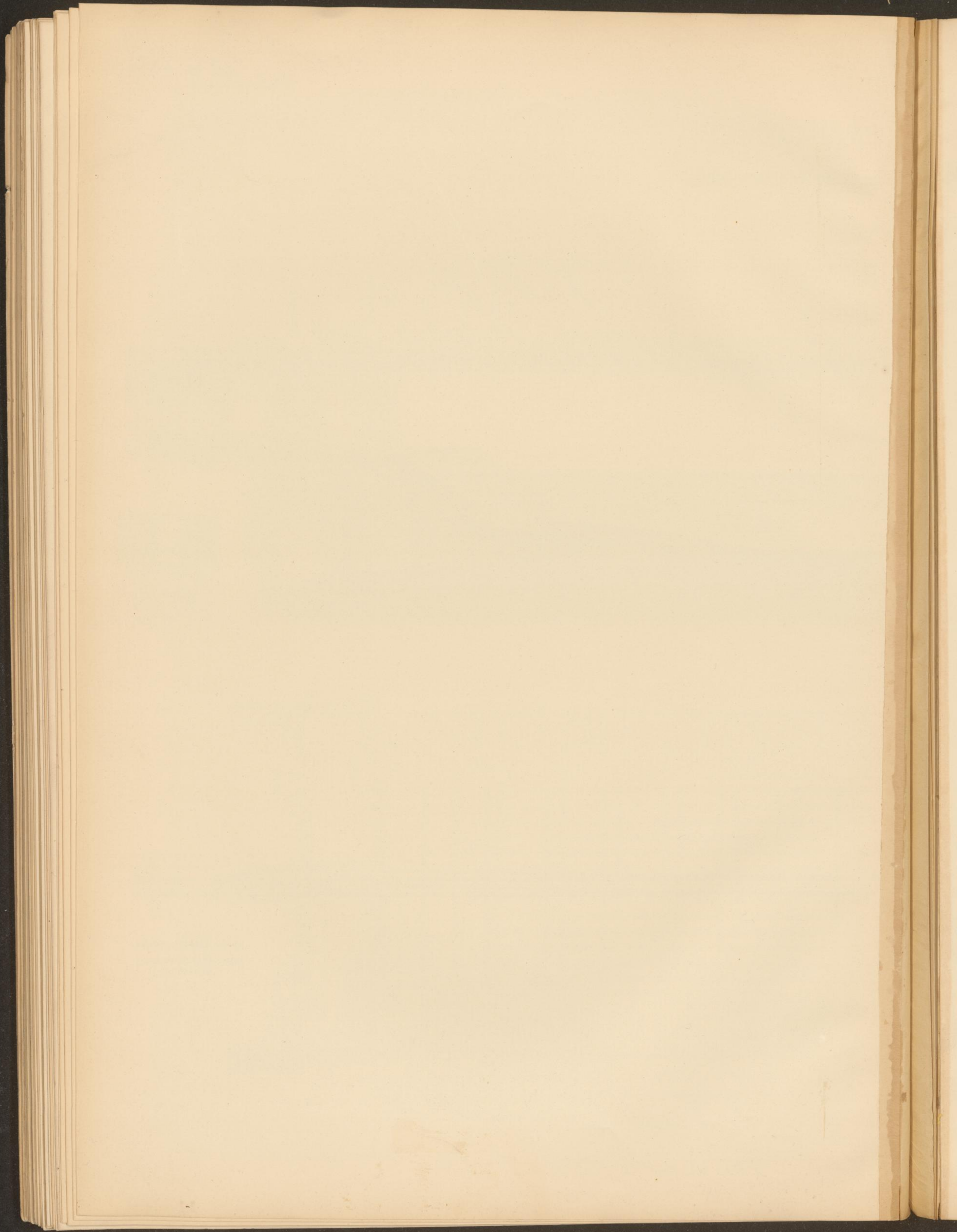
ÜBERSETZUNG DES DONAU-CANALES mittelst zweier 7 zölliger Röhren durch die Brigitta-Brücke.

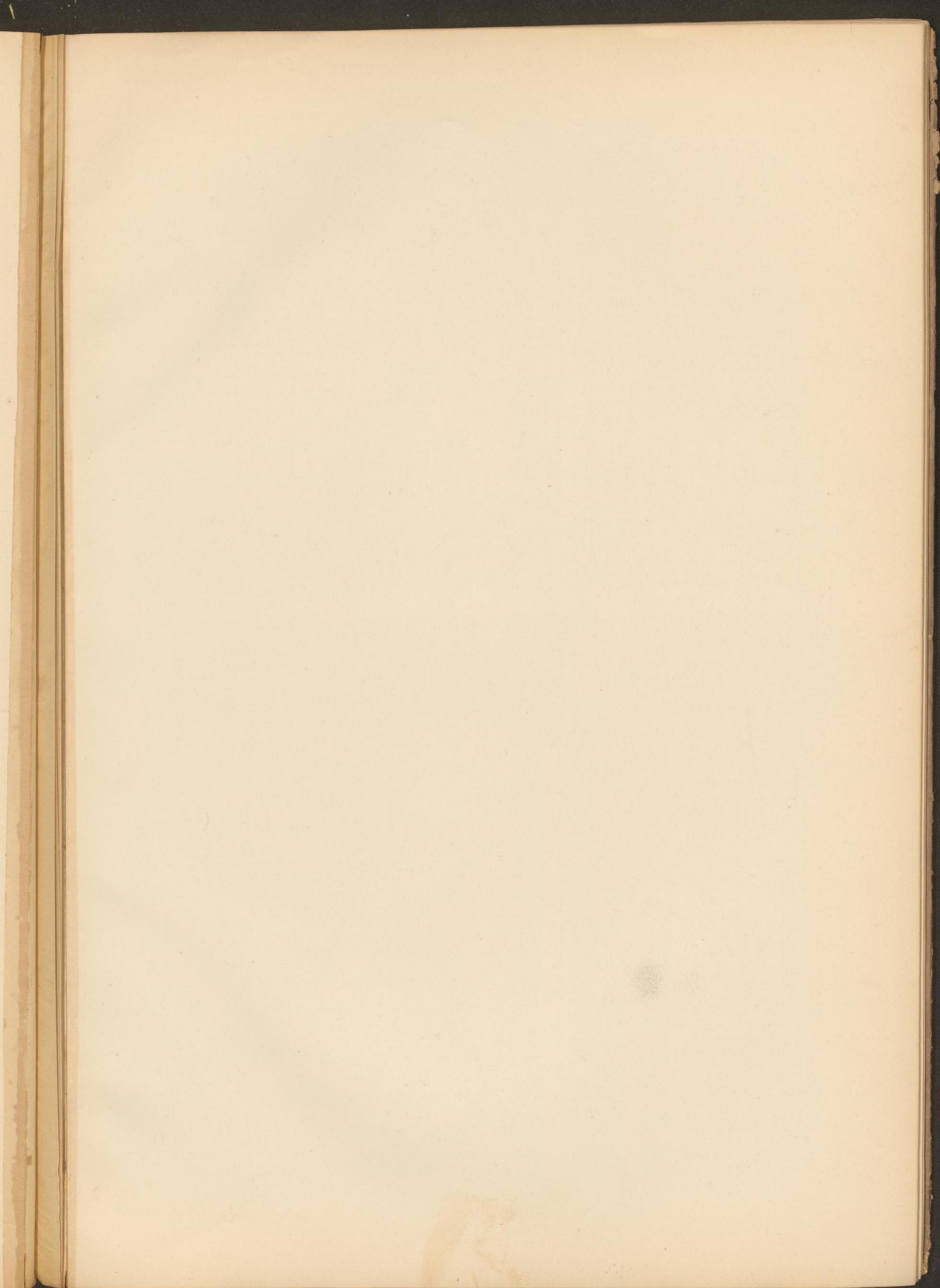
Längenschnitt.



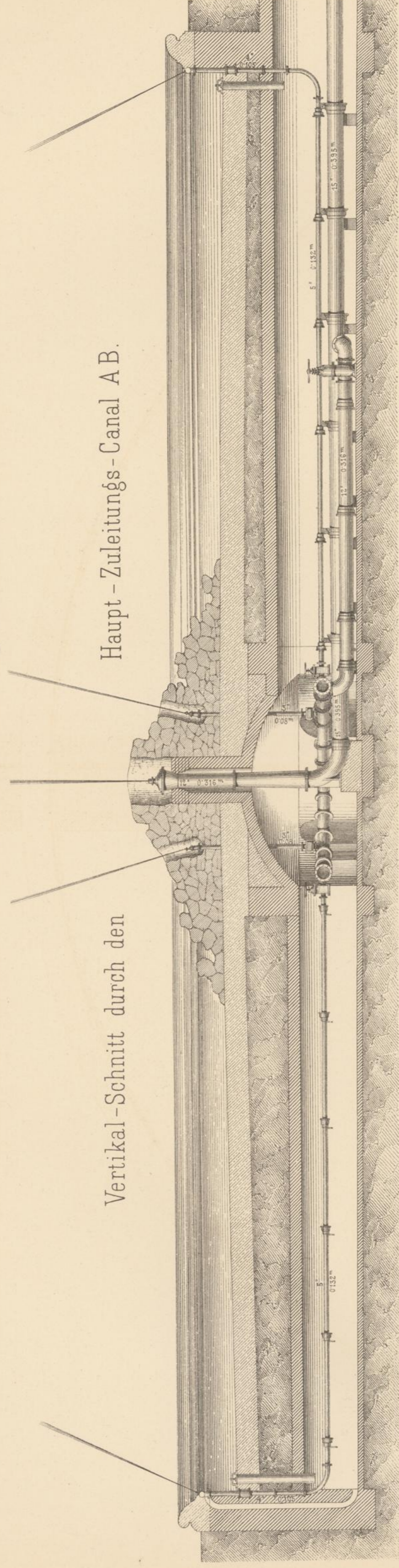
Grundriss.



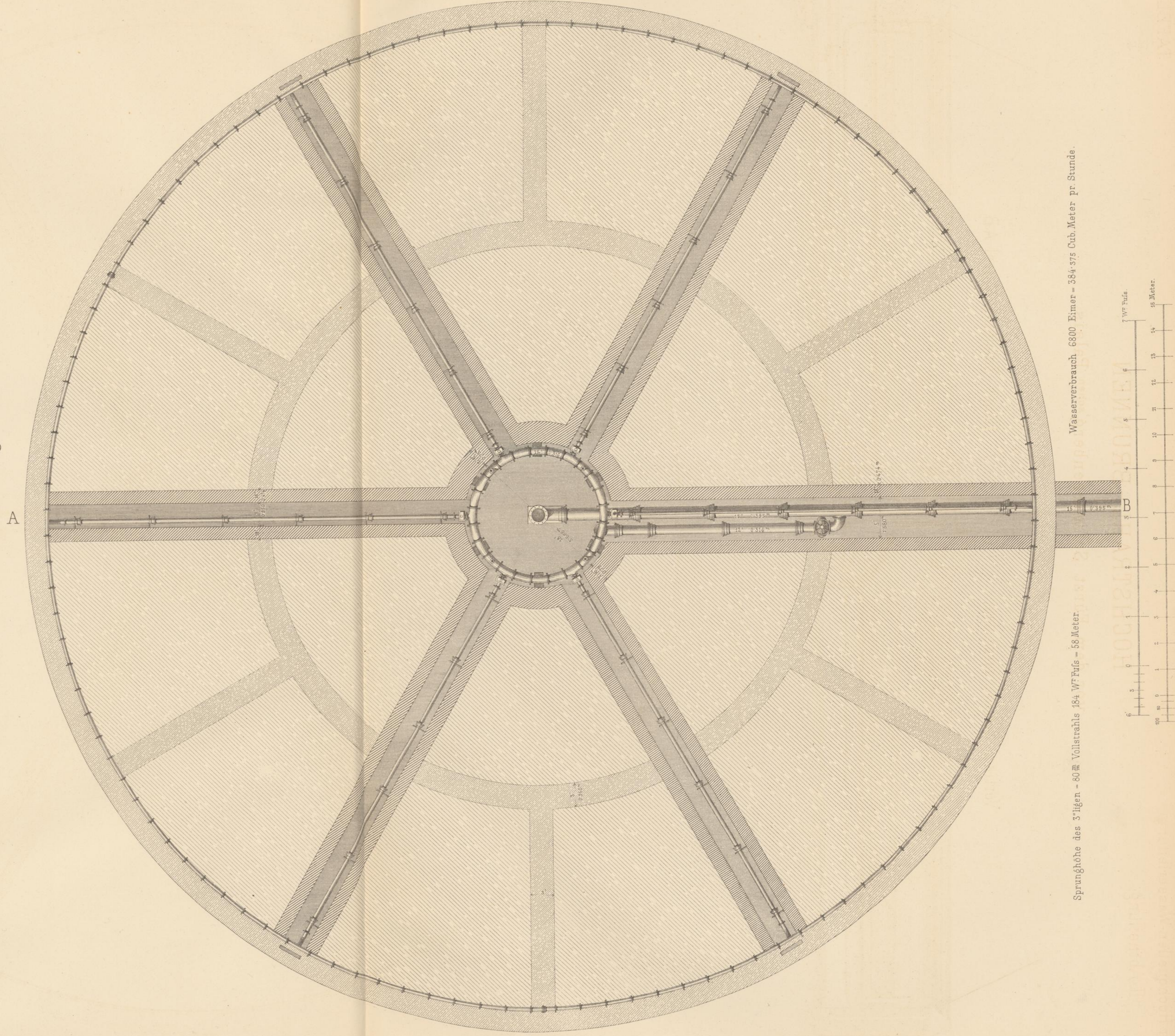


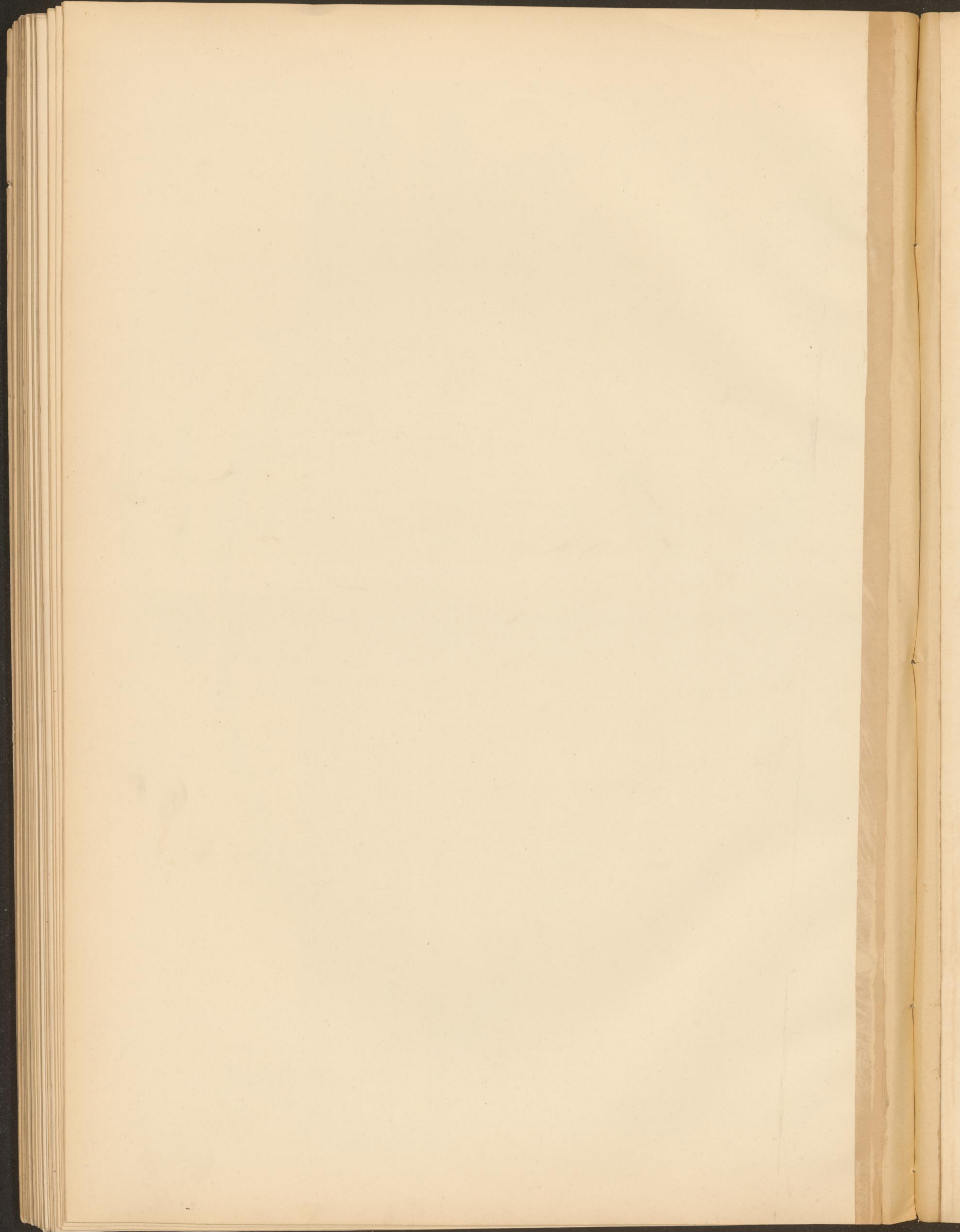


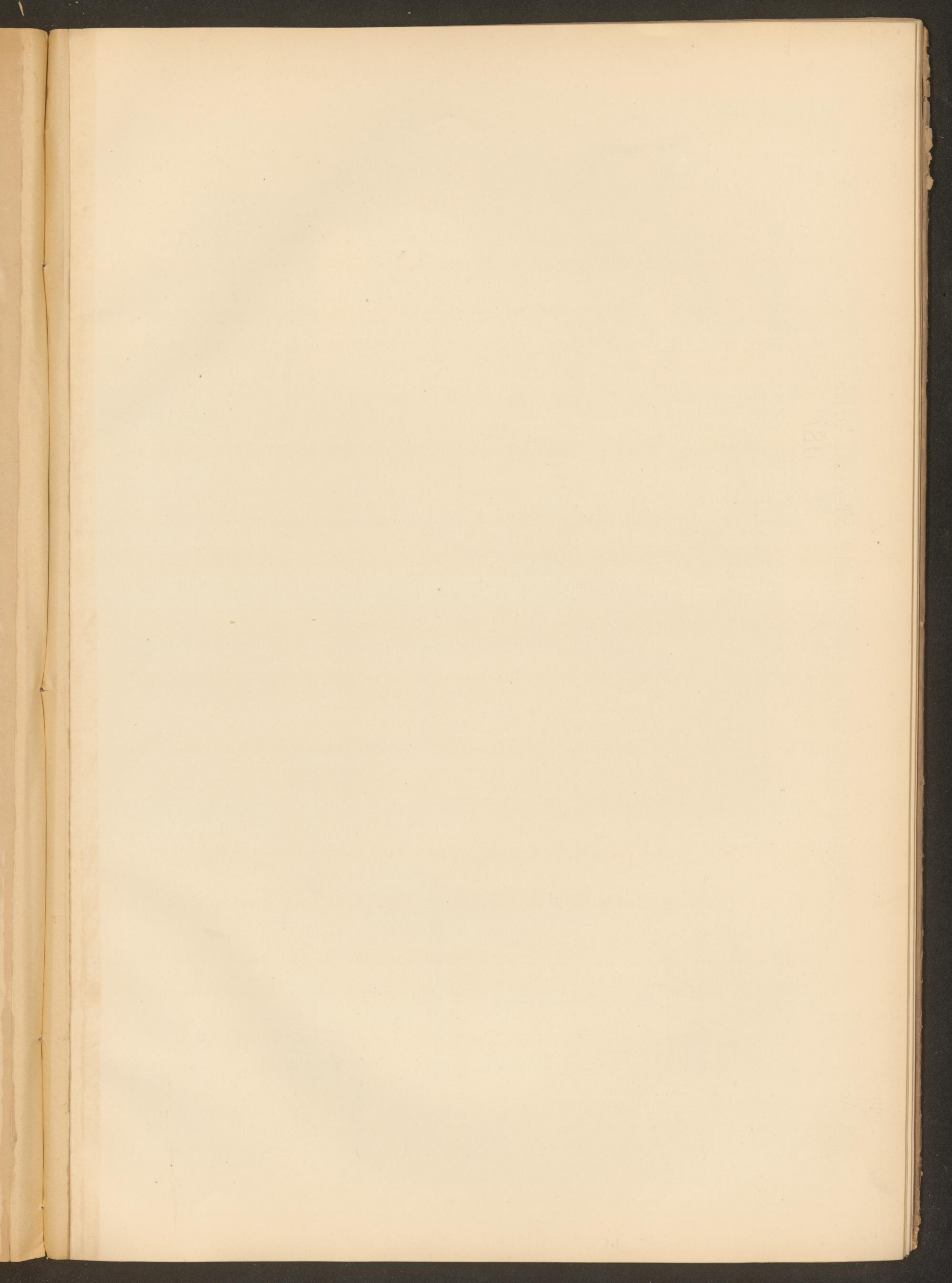
HOCHSTRAHL - BRUNNEN
vor dem Fürst Schwarzenberg'schen Palais.

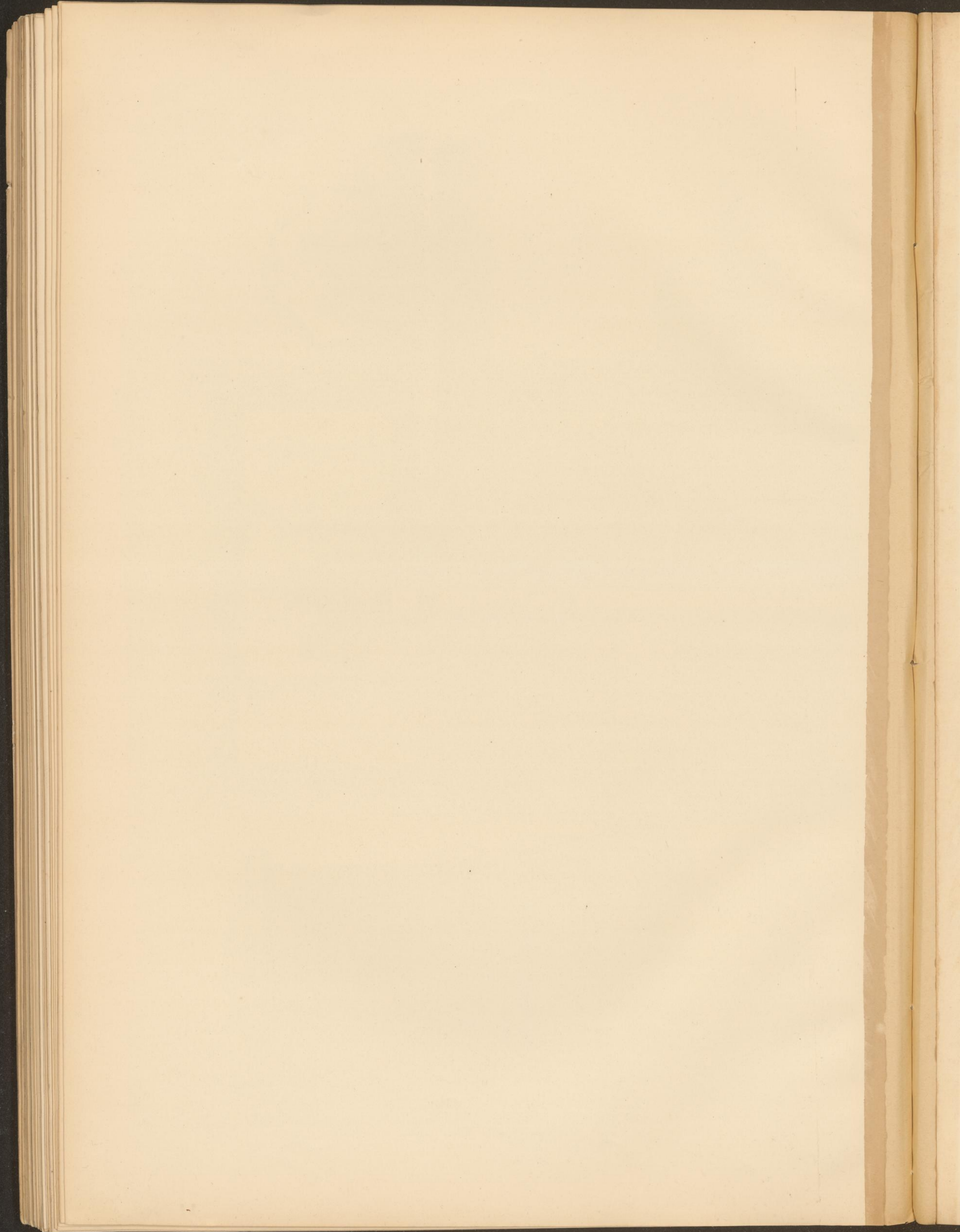


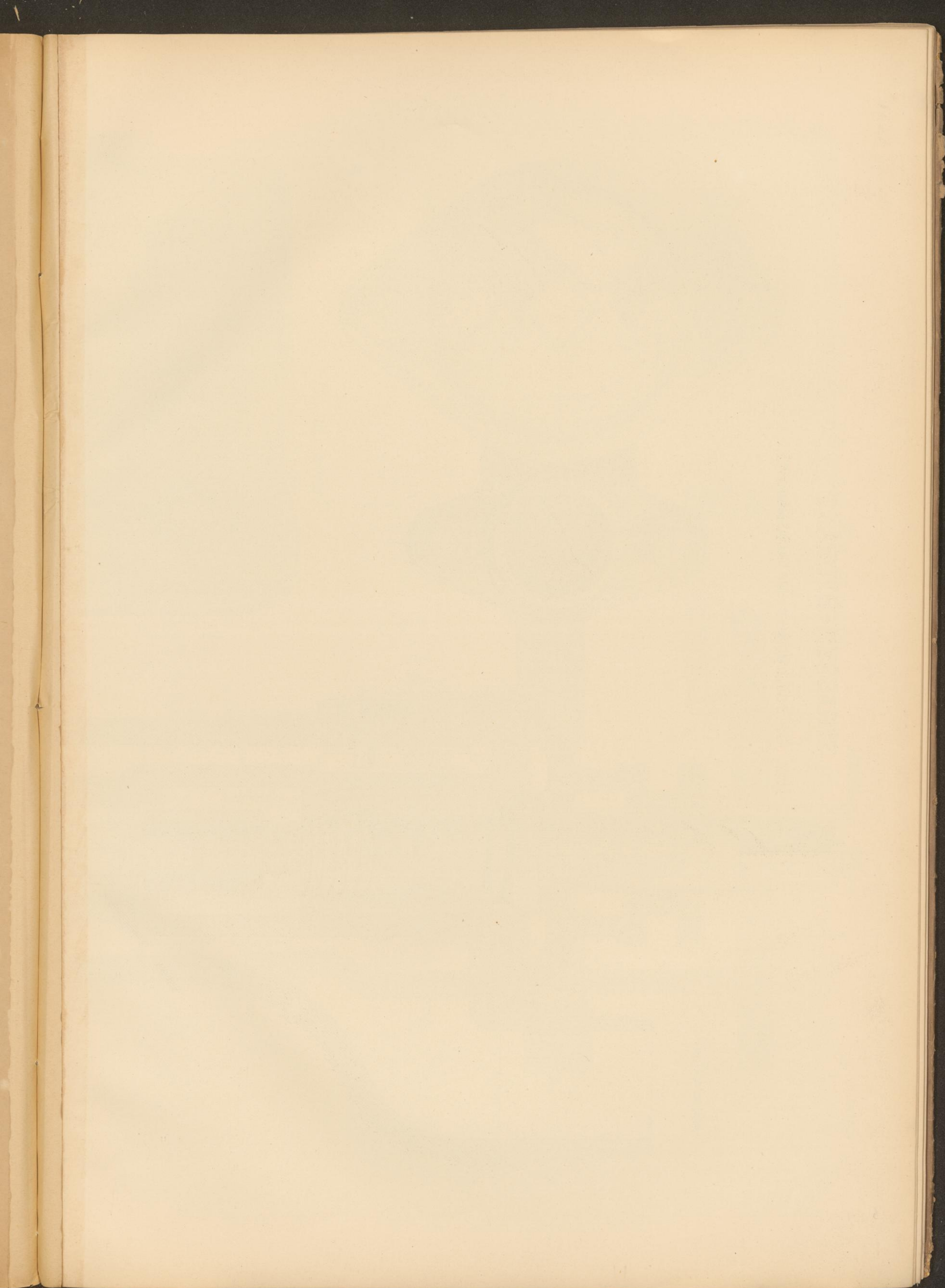
Grundriss und Schnitt durch die Leitungs-Canäle der Rohre.



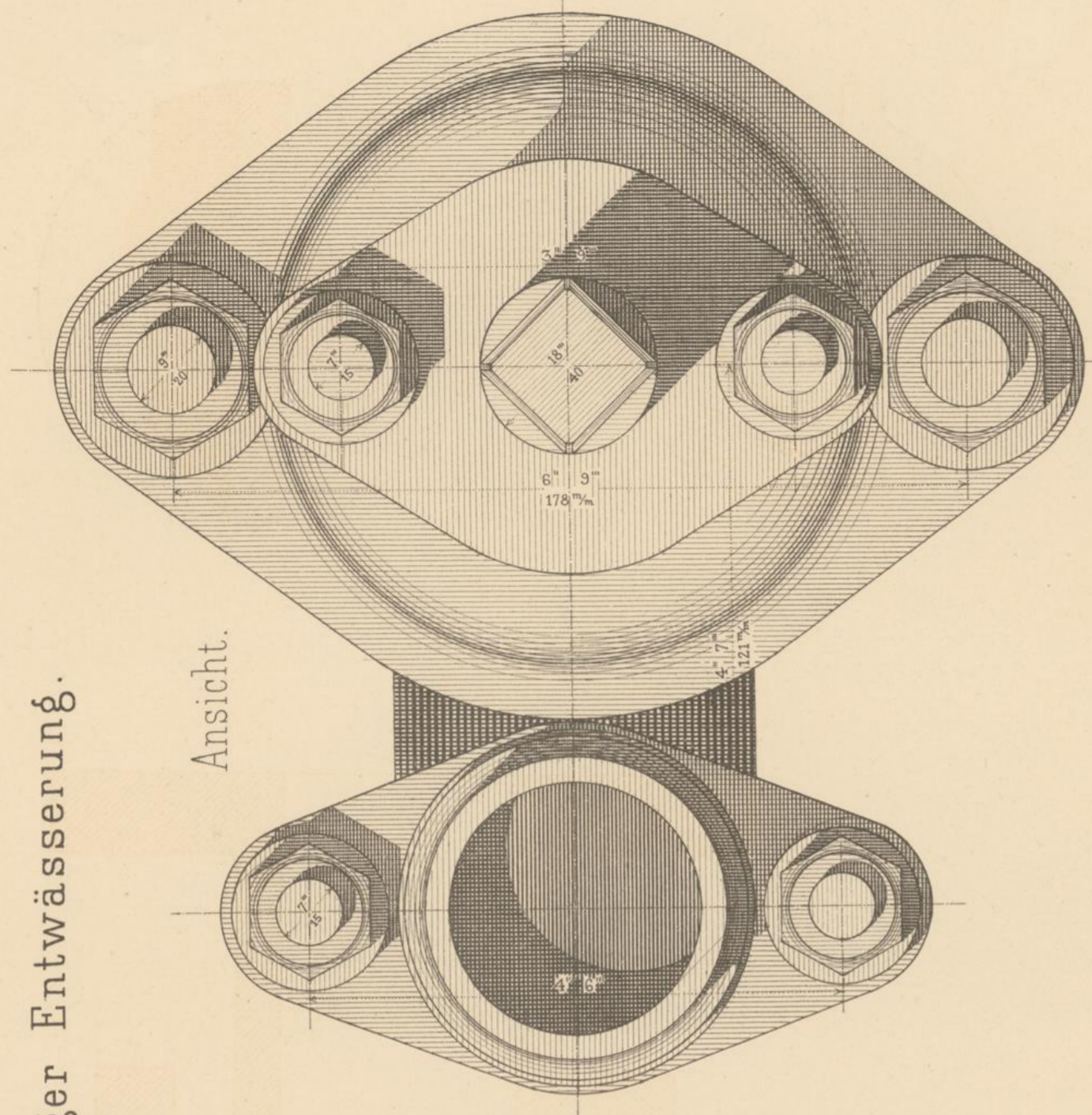
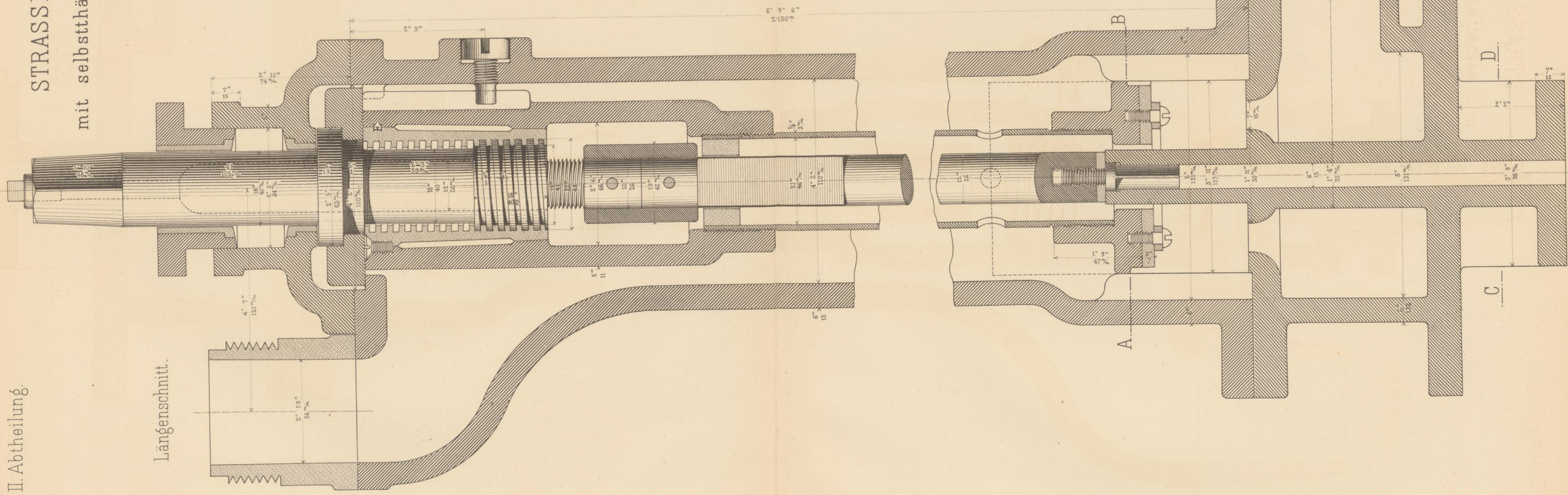




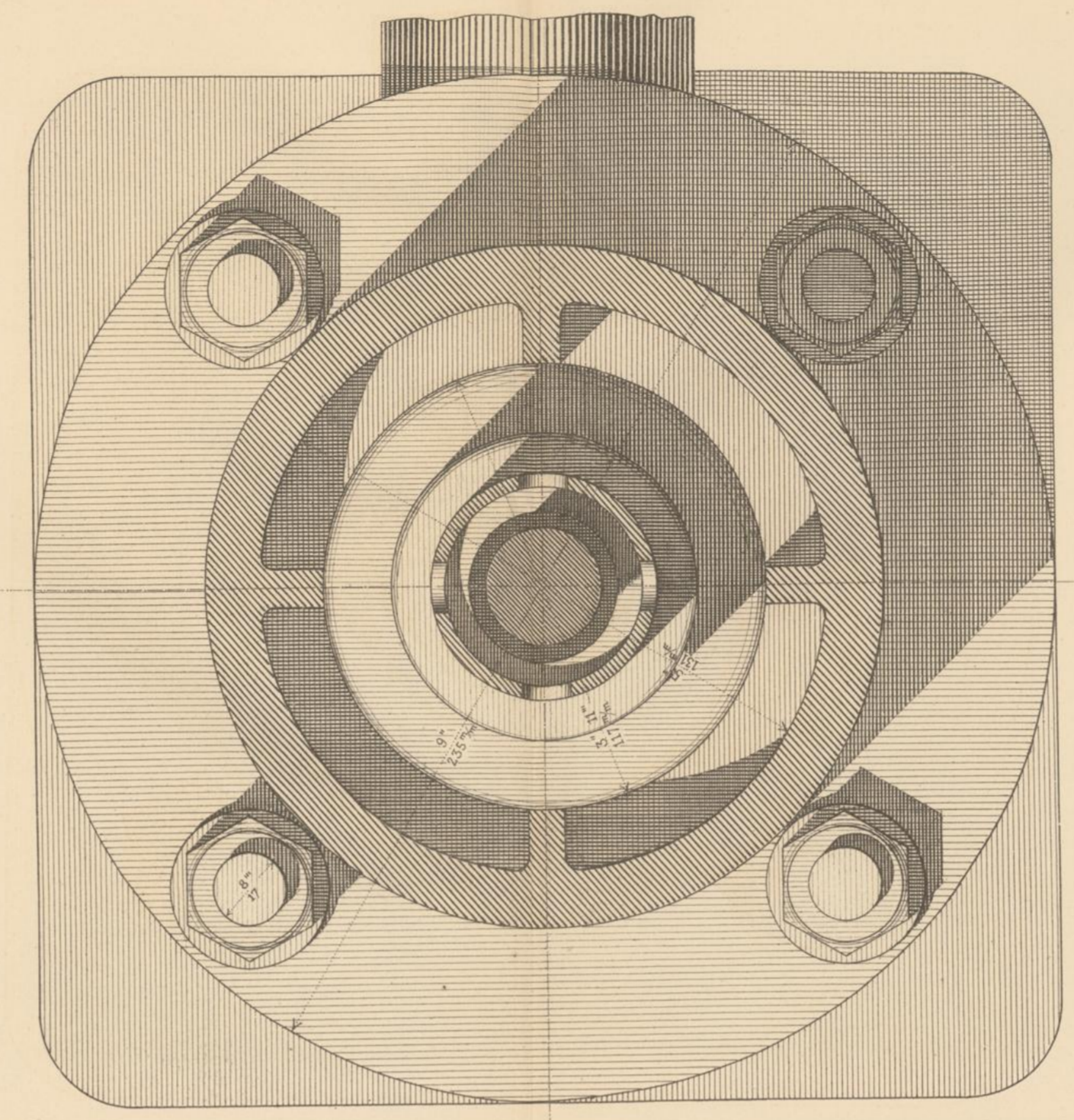




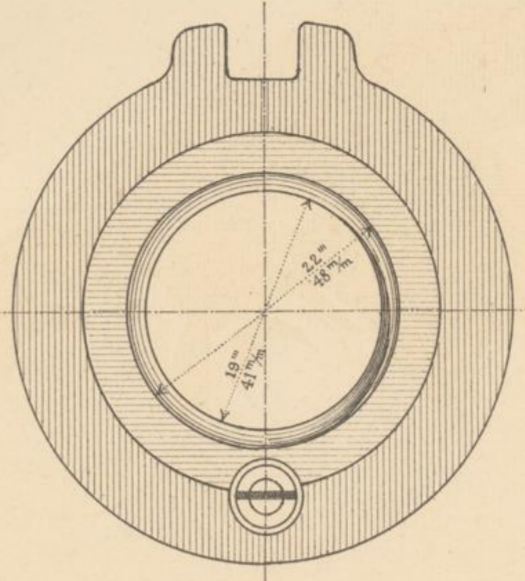
STRASSEN - HYDRANT
mit selbstthätiger Entwässerung.



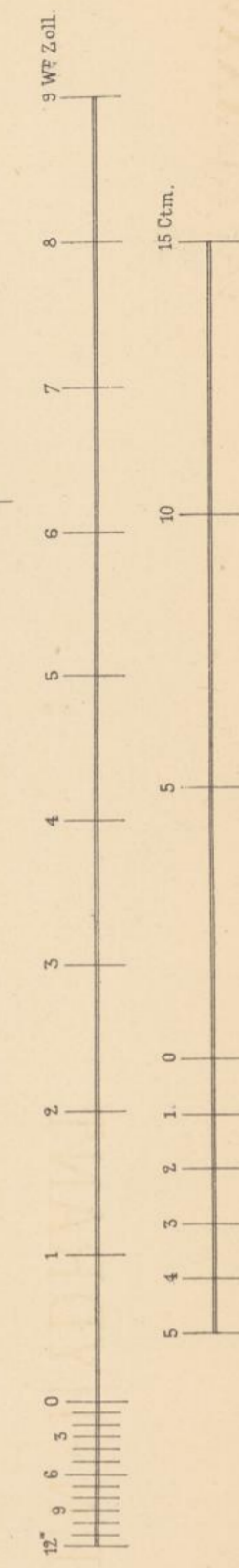
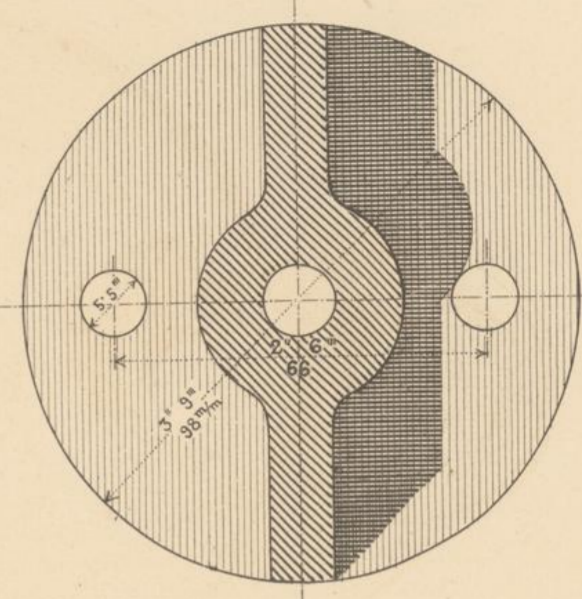
Durchschnitt A.B.

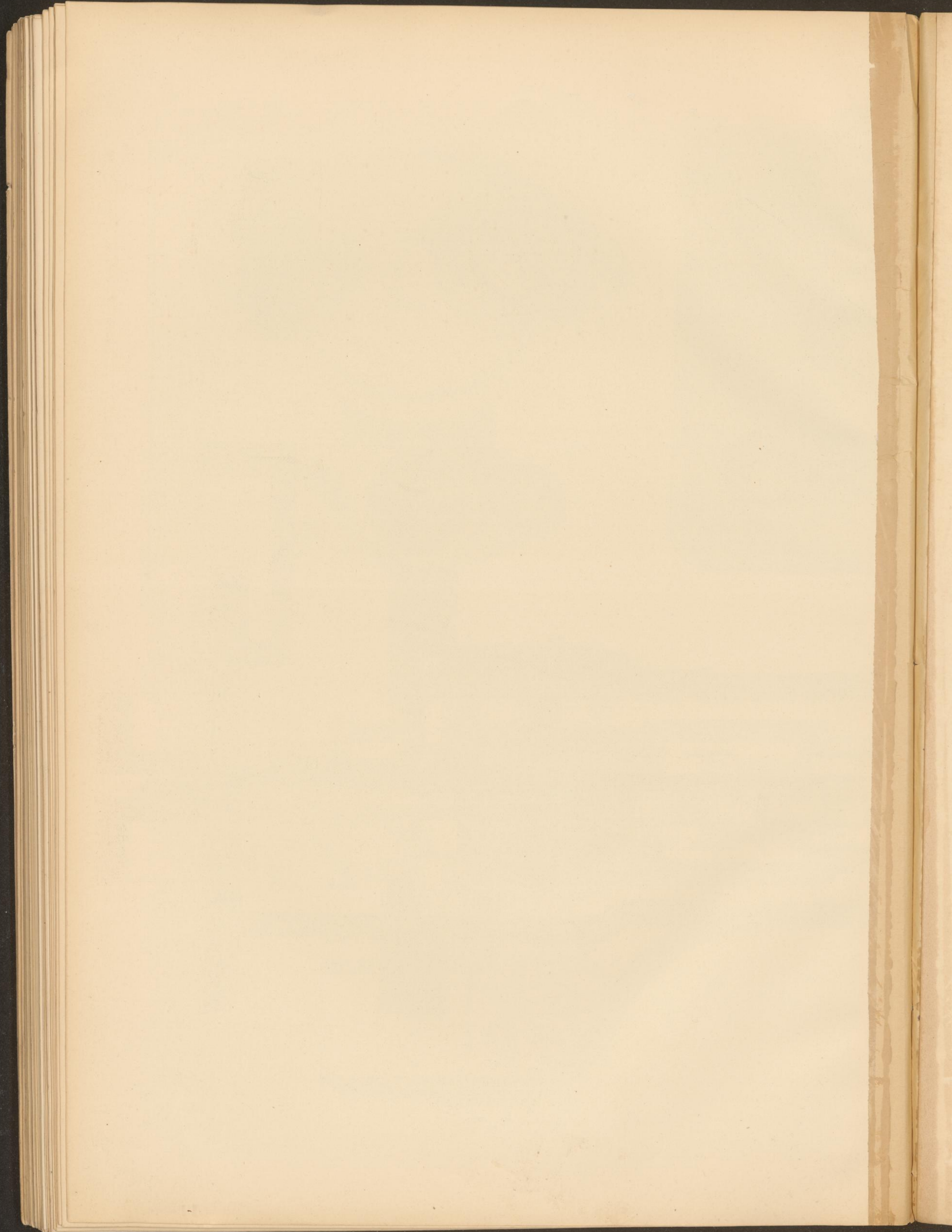


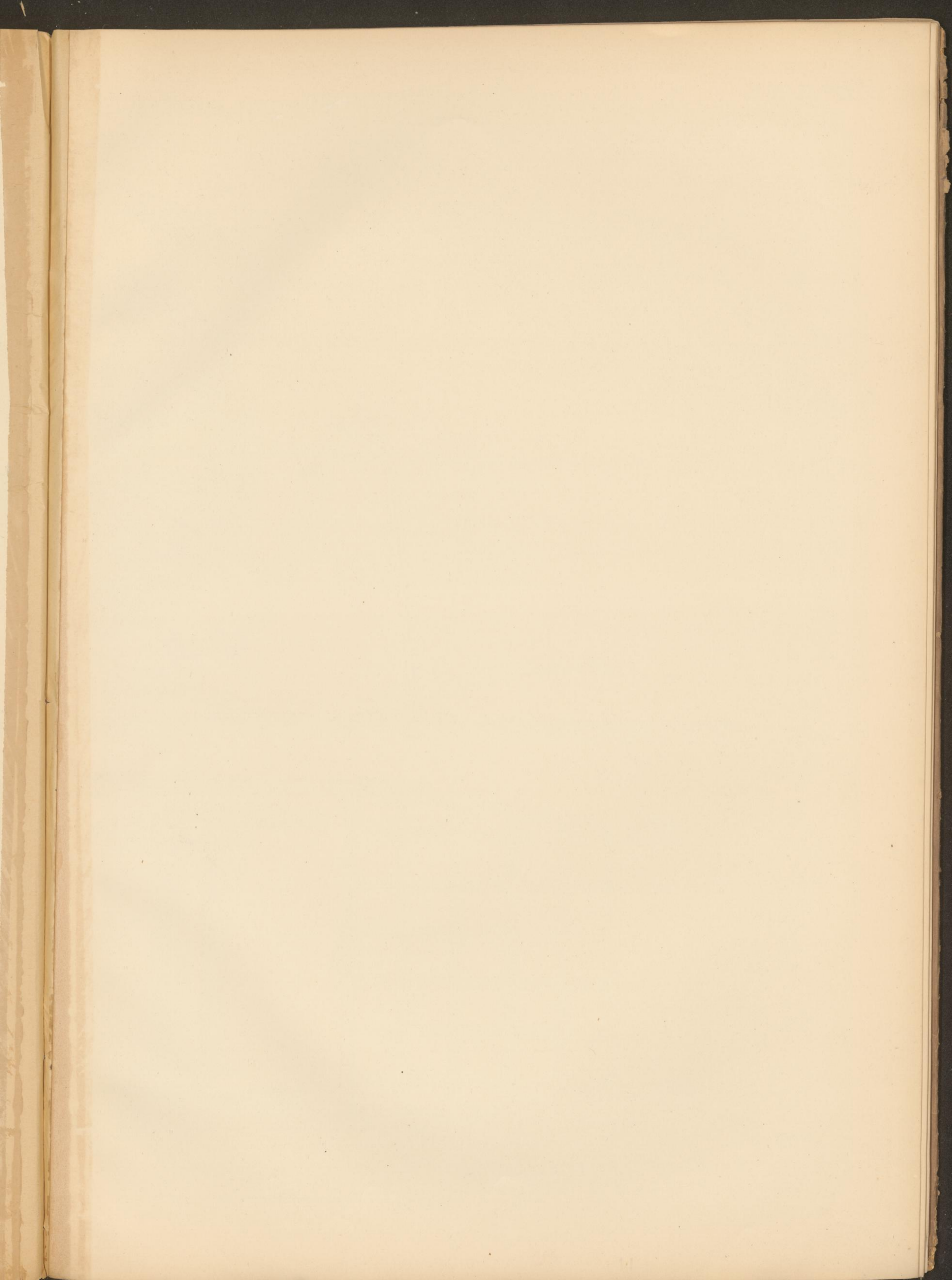
Ansicht E.



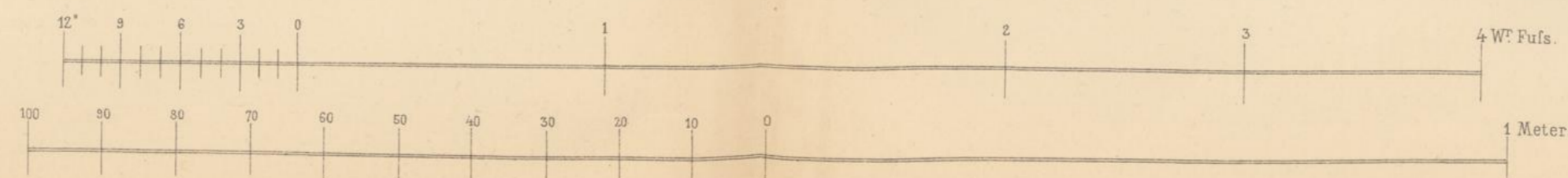
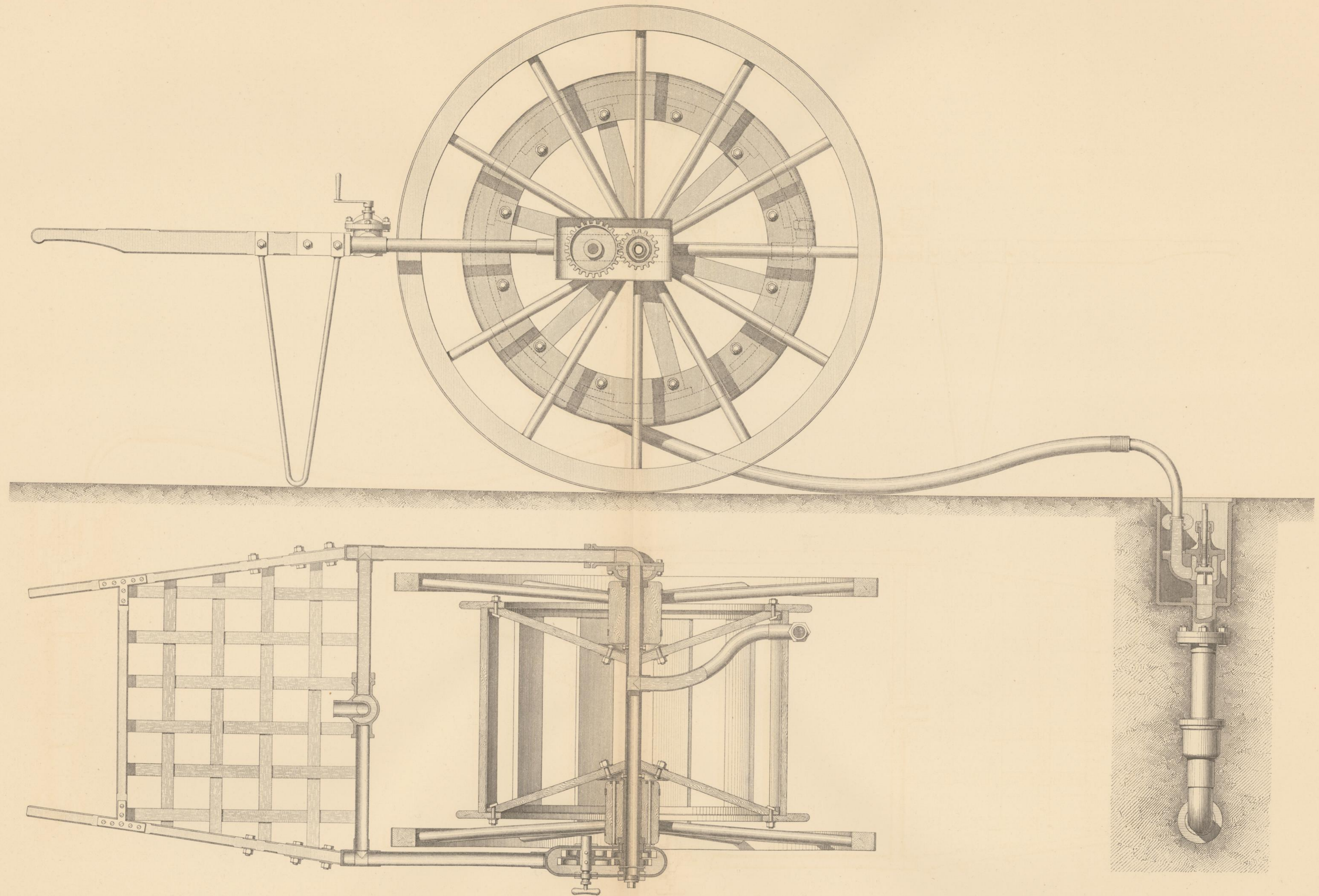
Durchschnitt C.D.

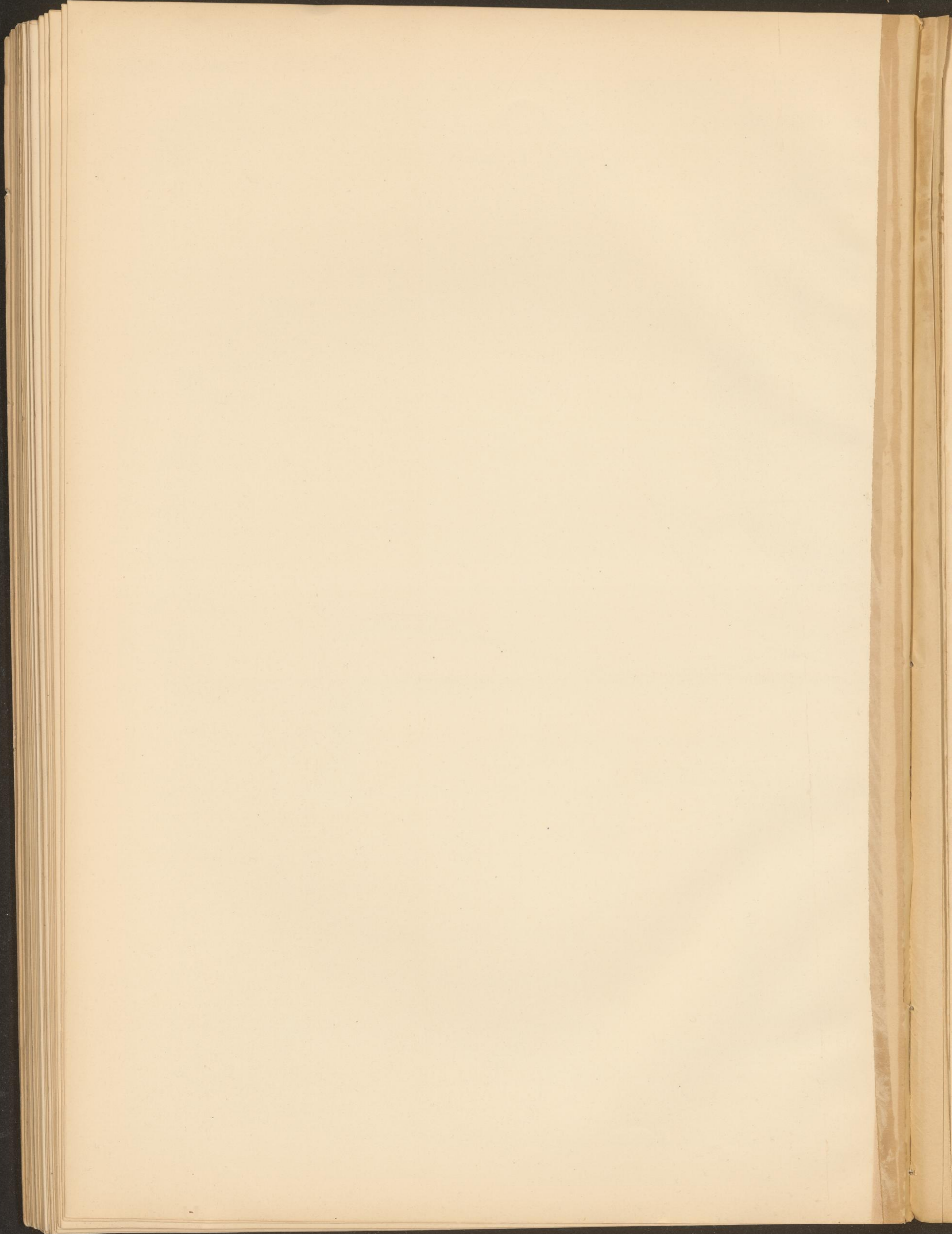


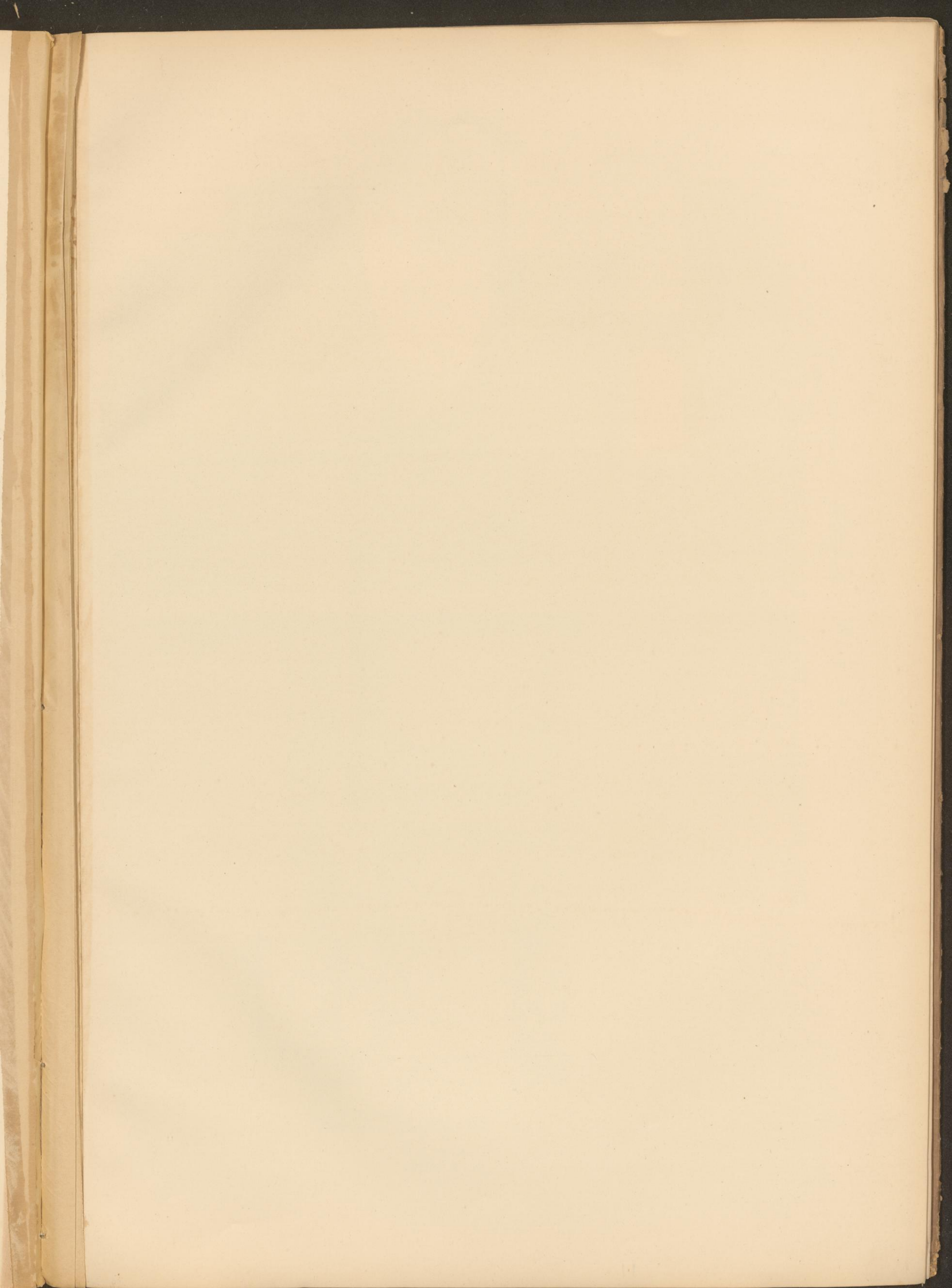




SCHLAUCHTROMMELWAGEN SAMMT HYDRANT
für die Bespritzung der Ringstrafse.

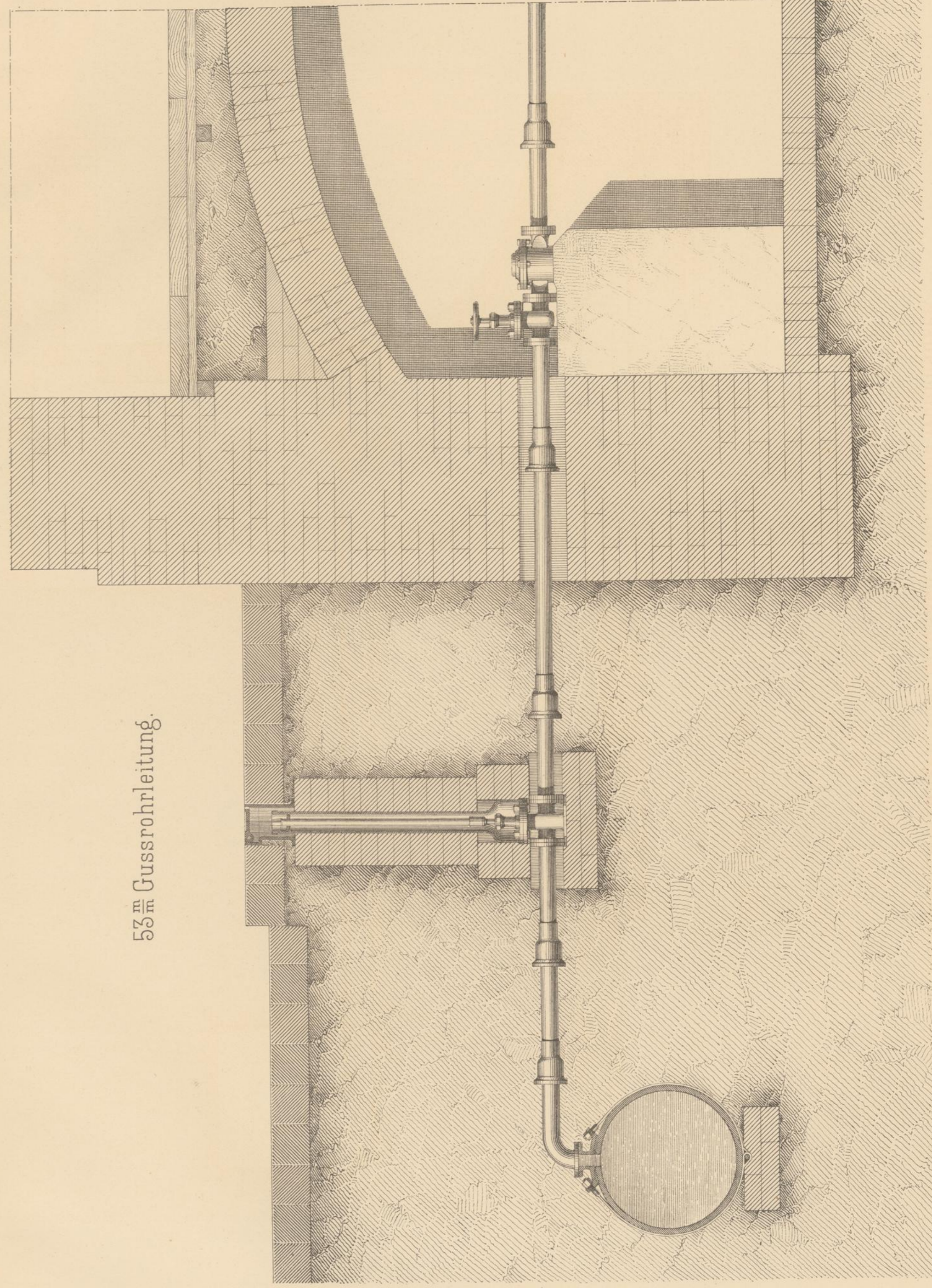
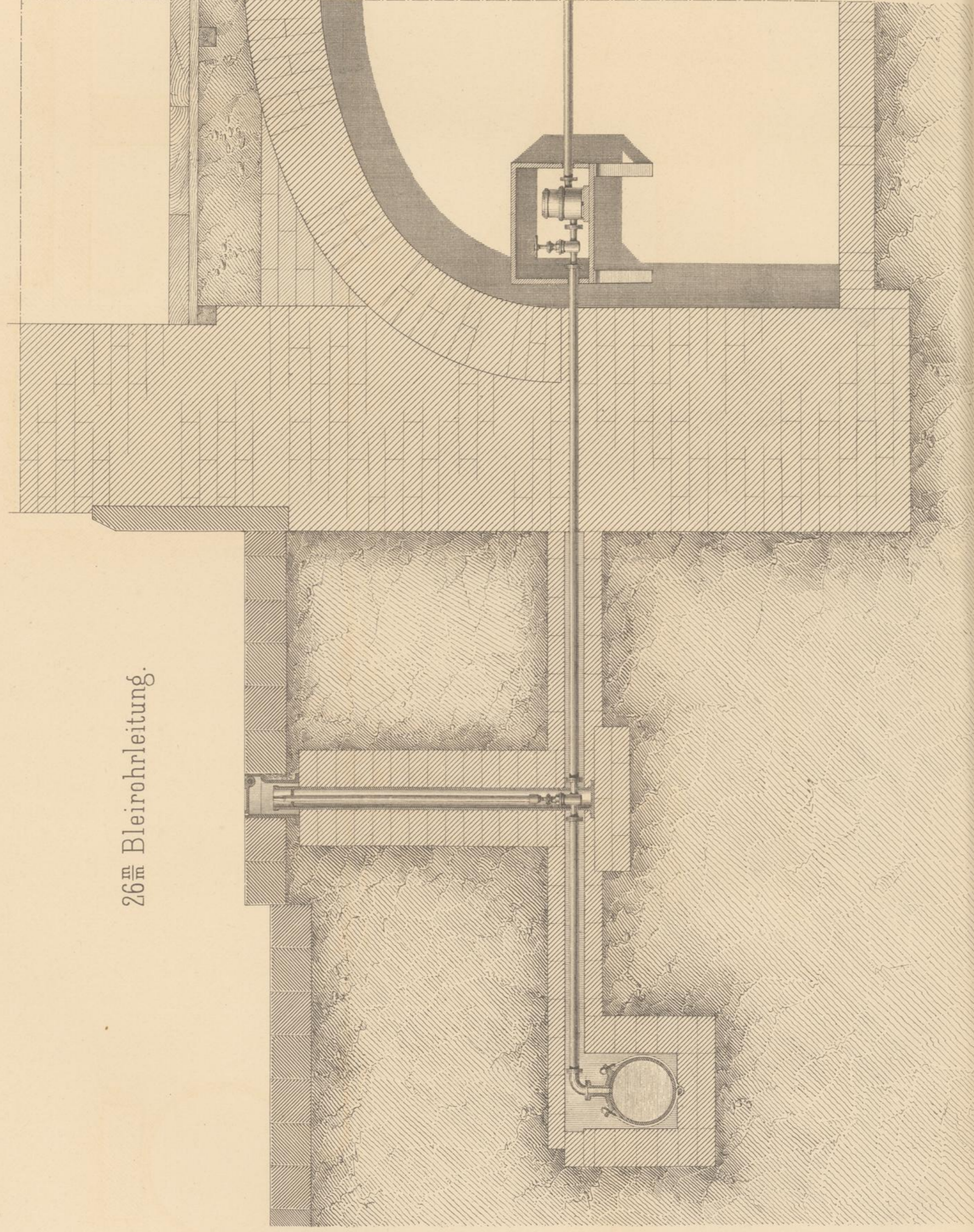


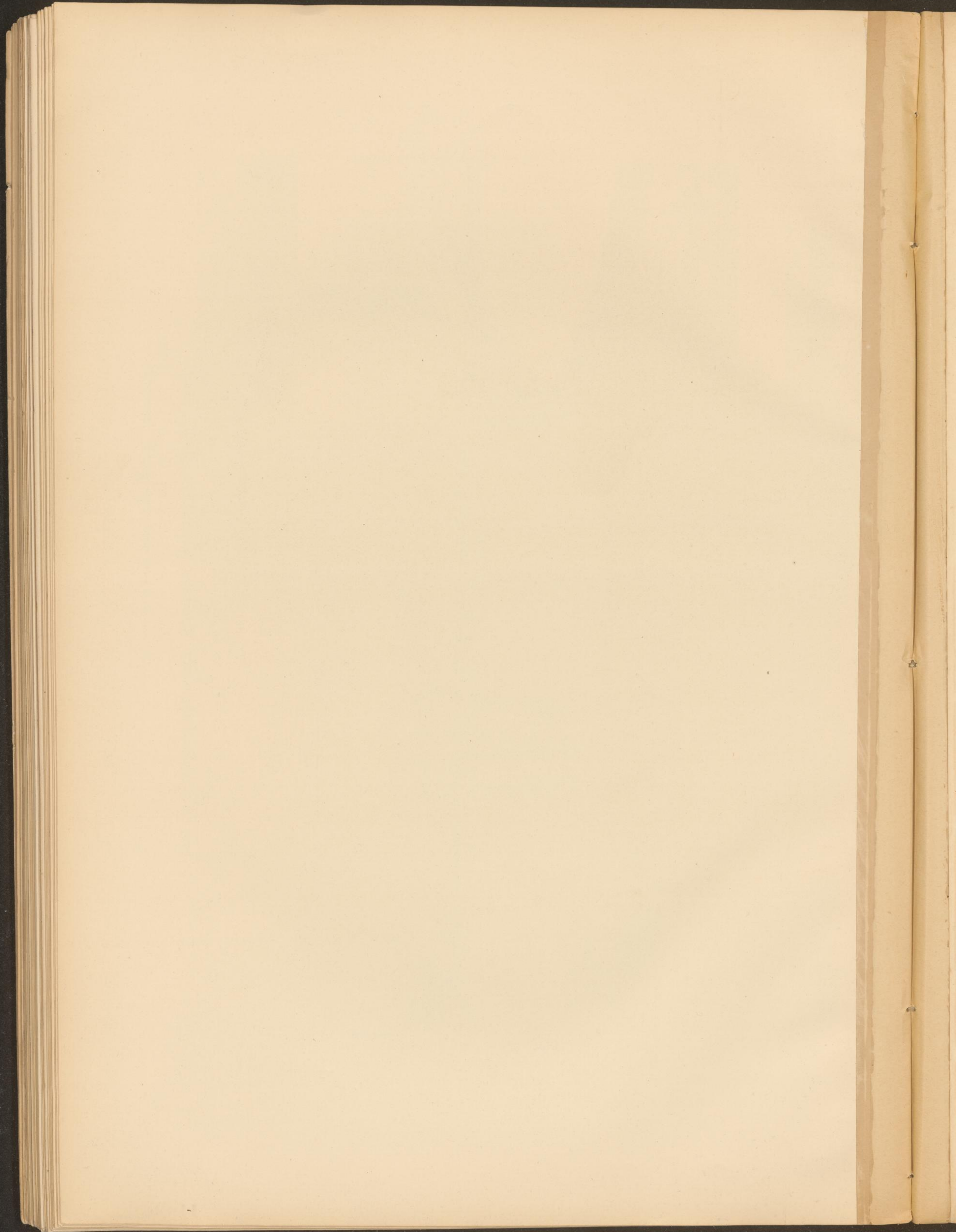


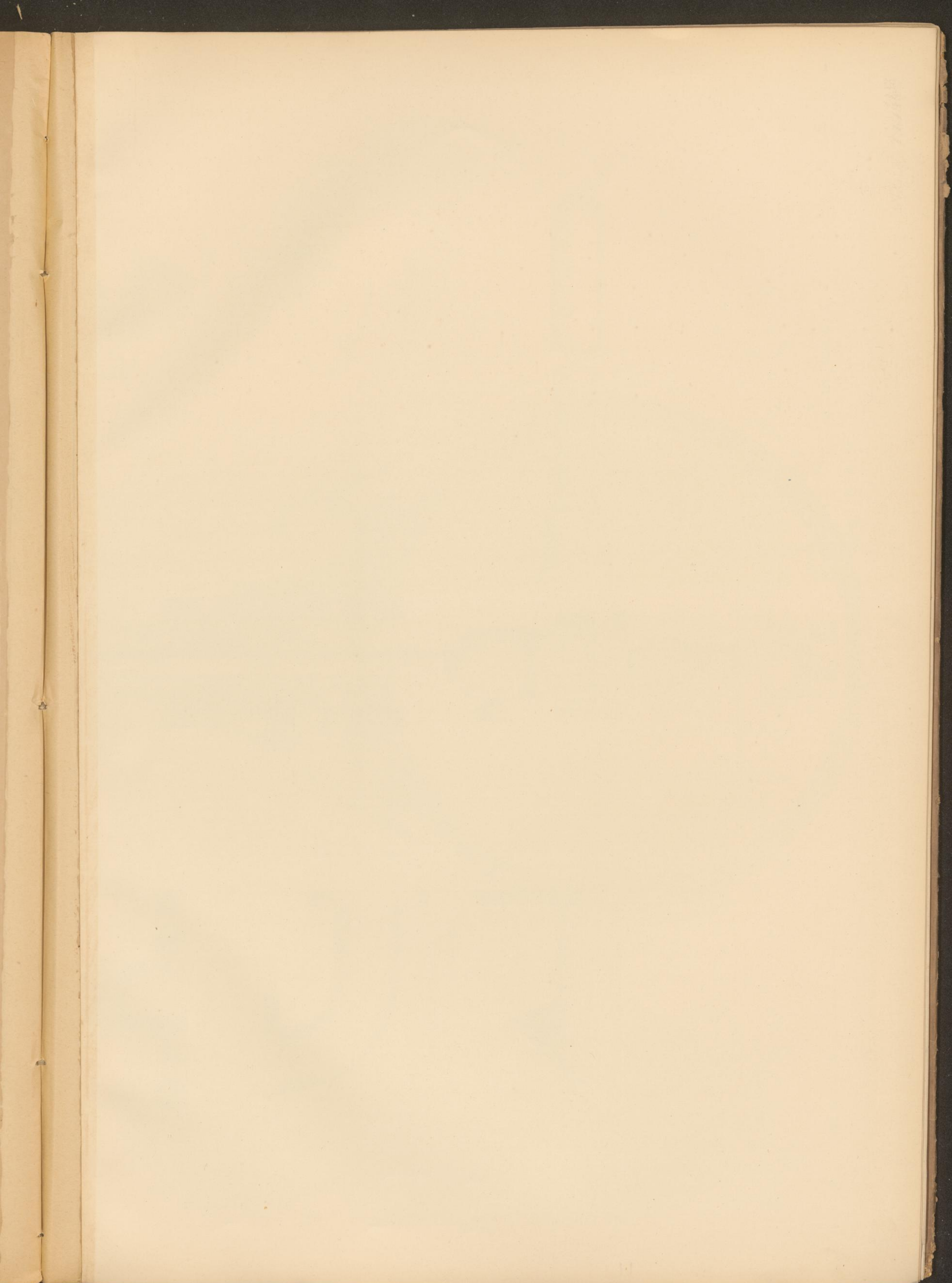


DISPOSITIONS - PLAN

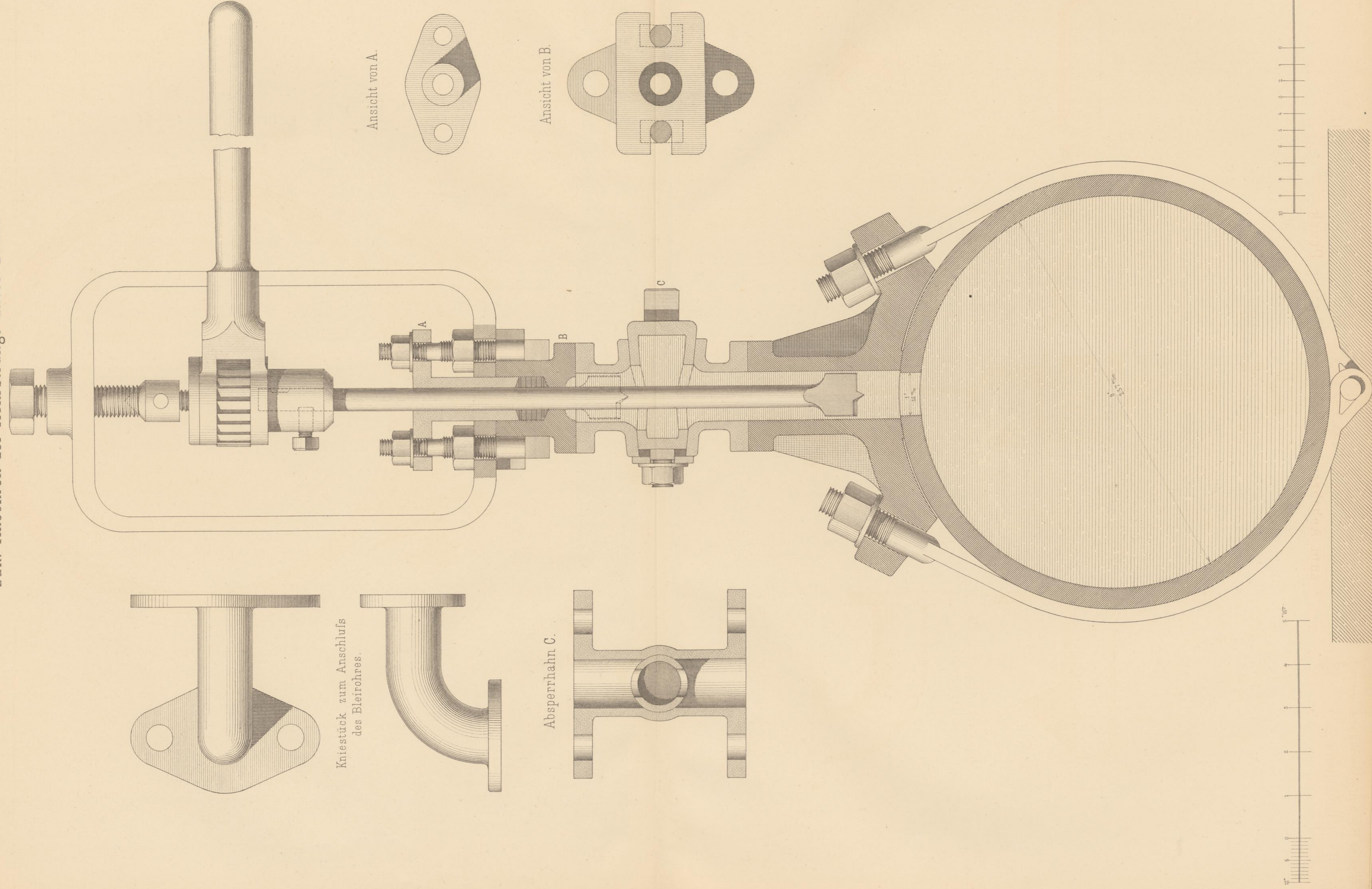
für die Abzweigungen vom Strassen-Rohr in die Wohnhäuser.

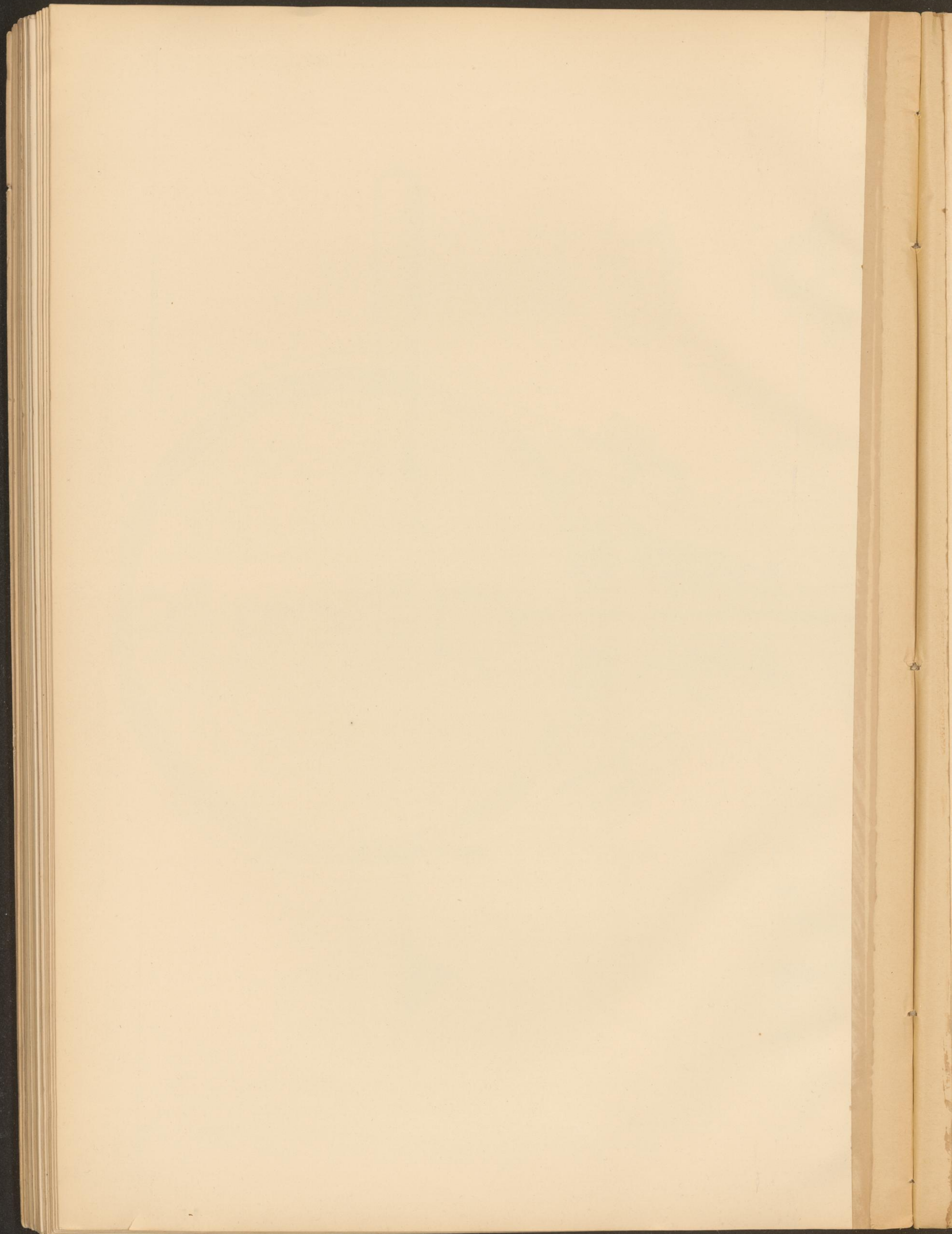


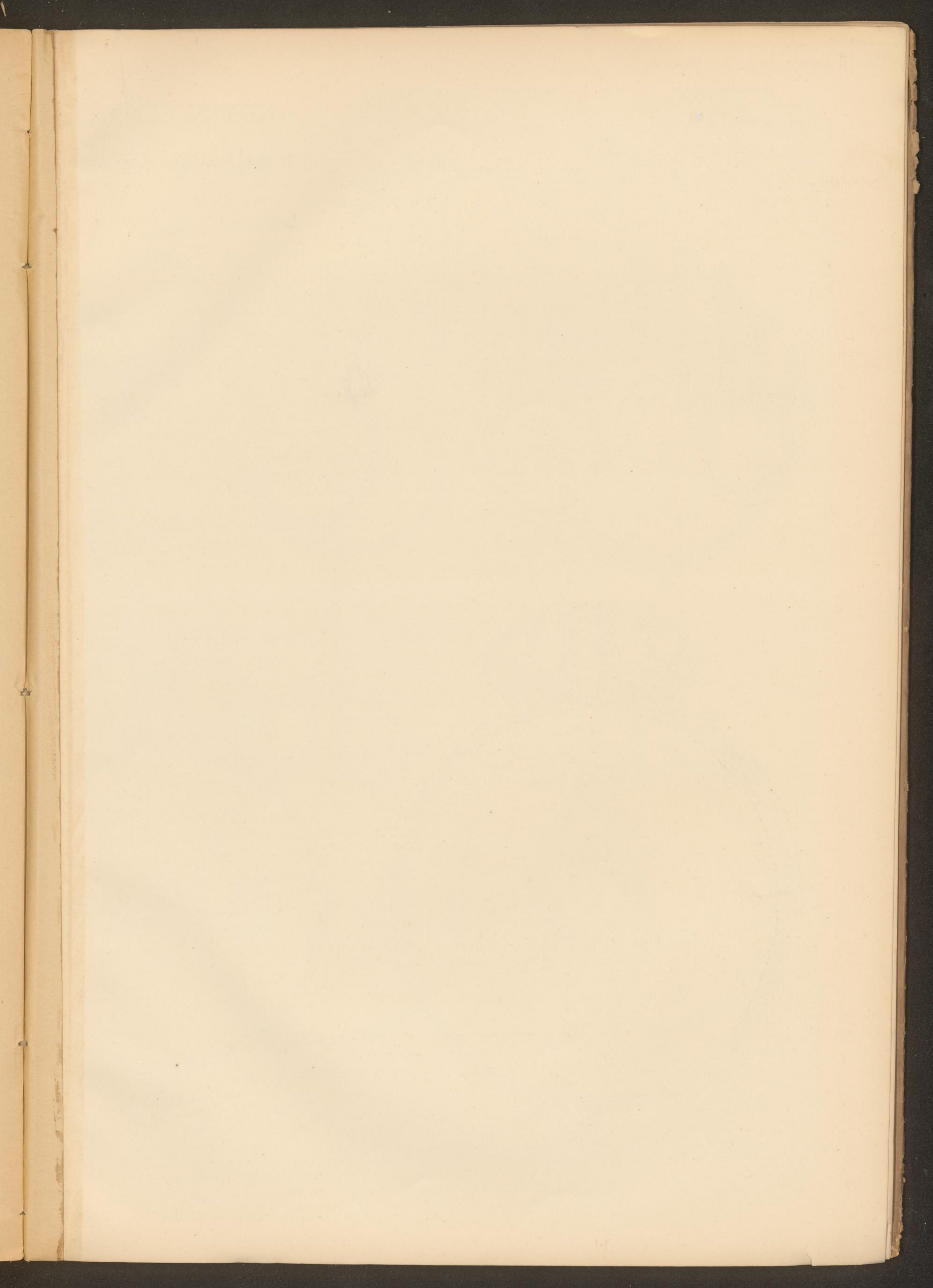




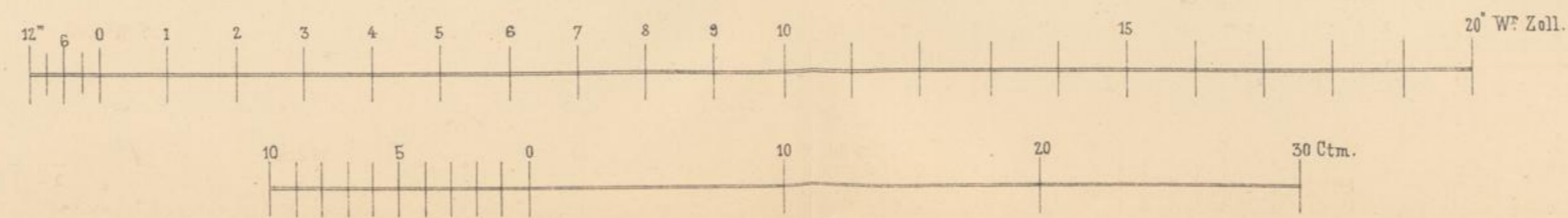
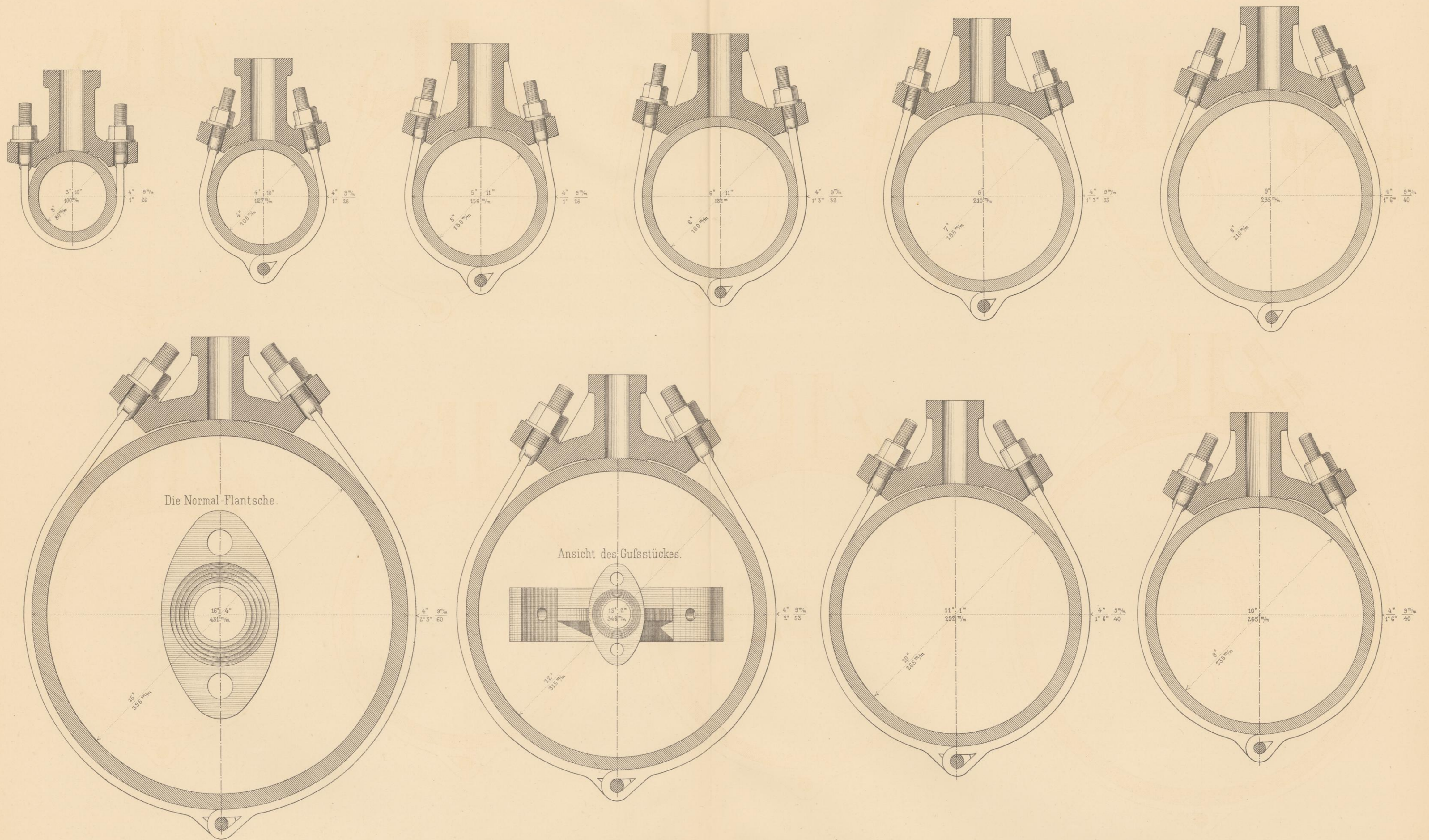
VORRICHTUNG
zum Anbohren der Rohrstränge unter Druck.

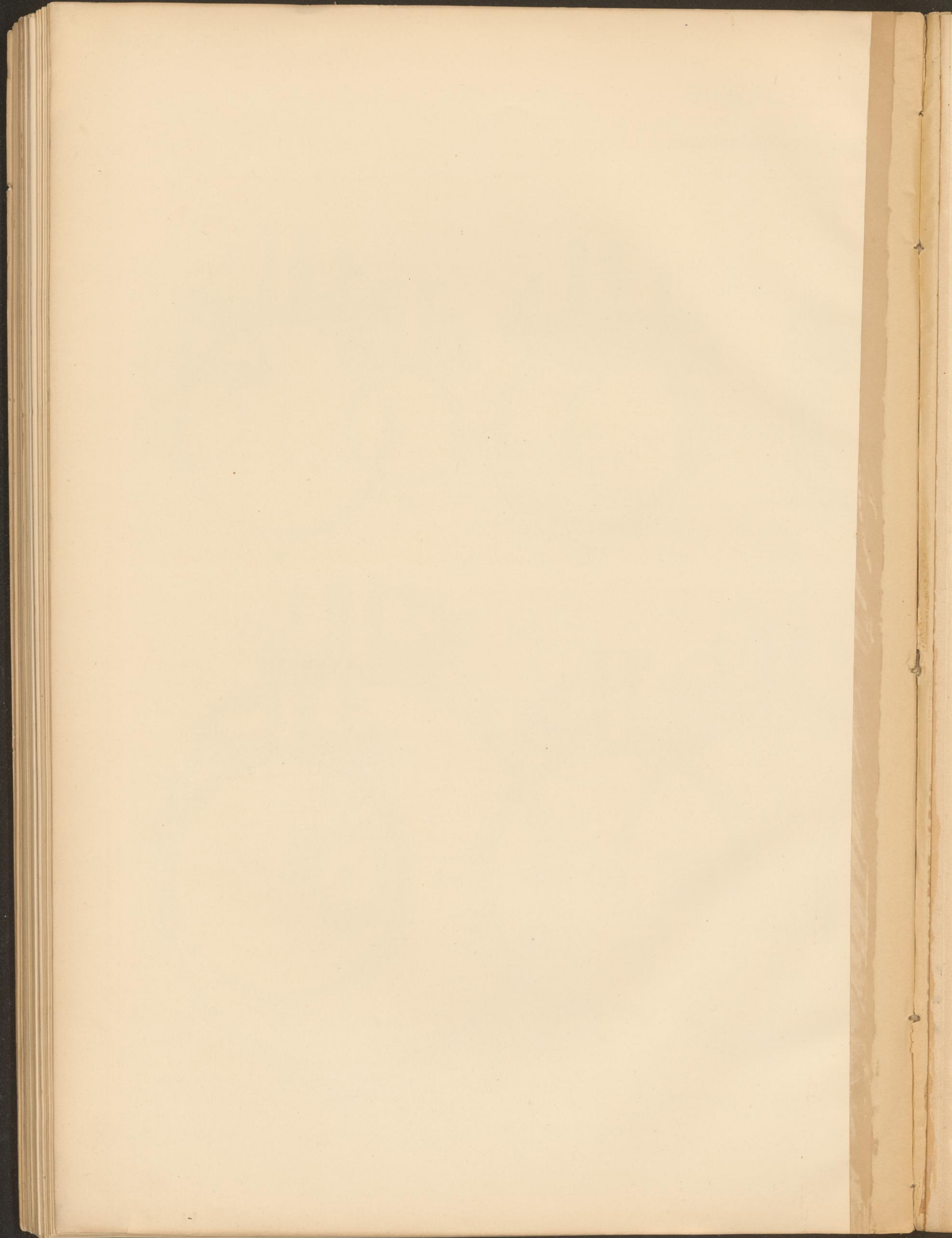


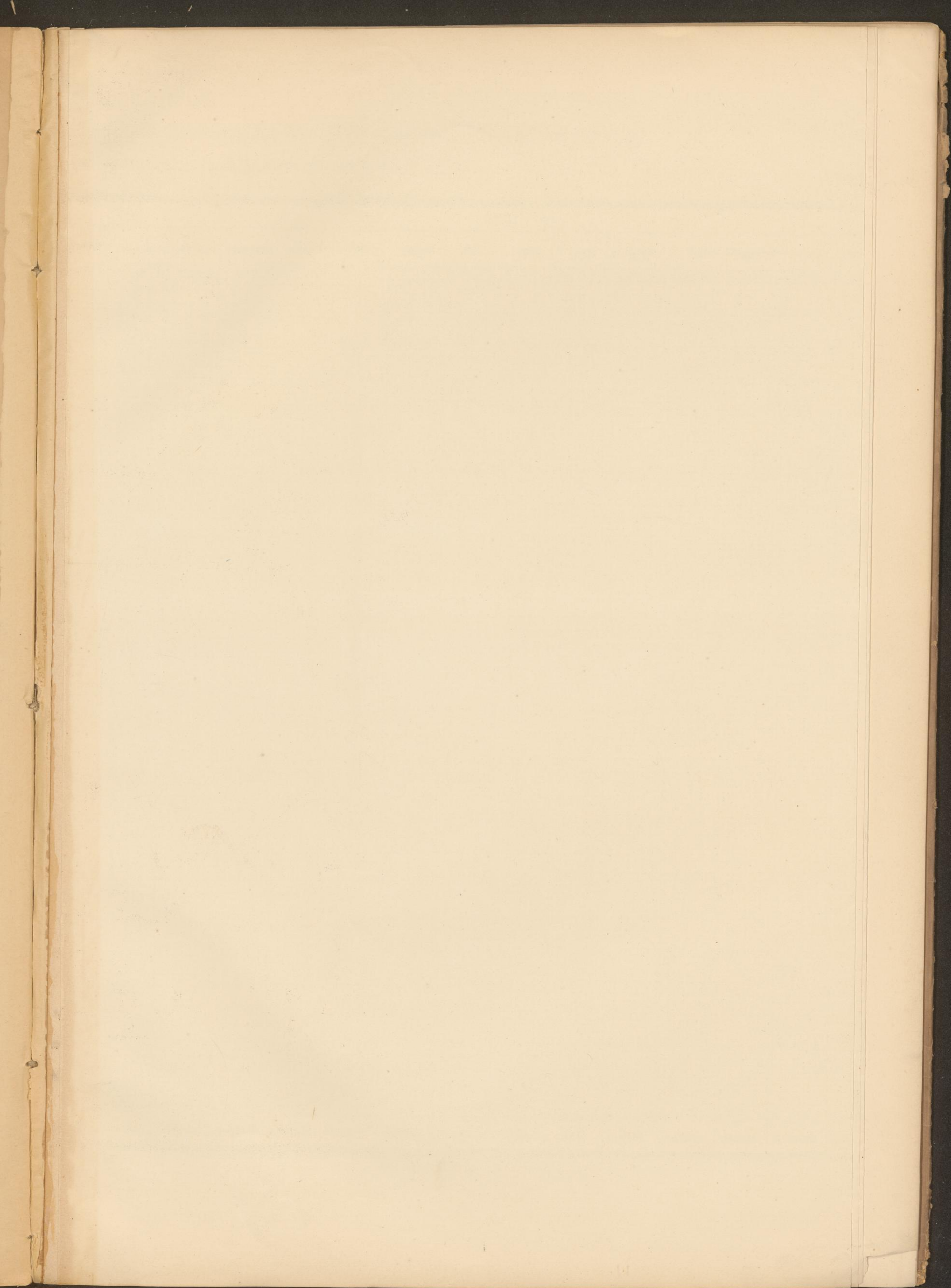




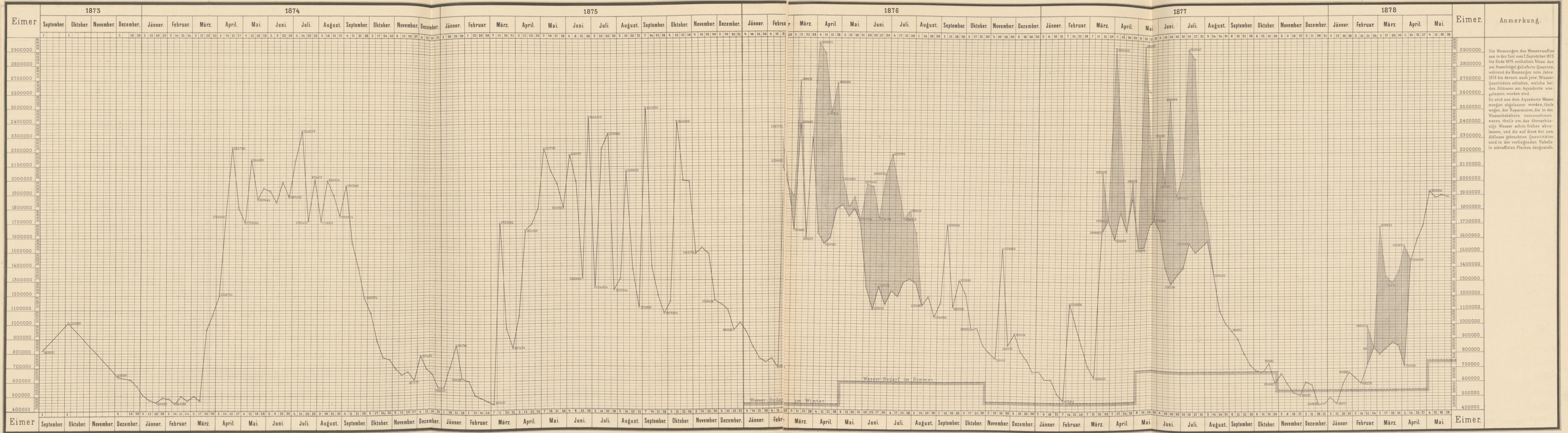
NORMALIEN DER SCHELLENRINGE
zu den 1 zölligen = 26^m Abzweigungen in die Wohnhäuser.

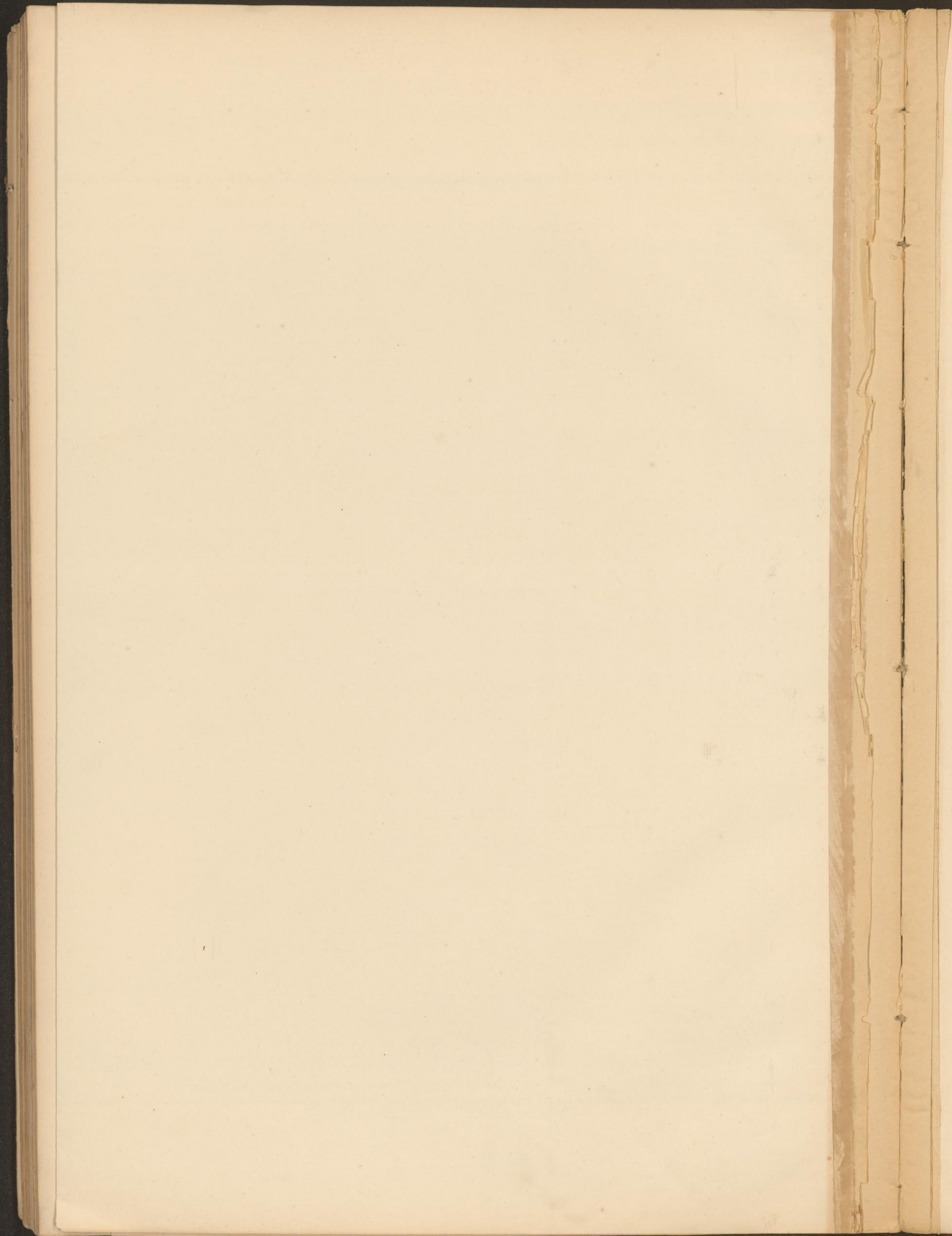


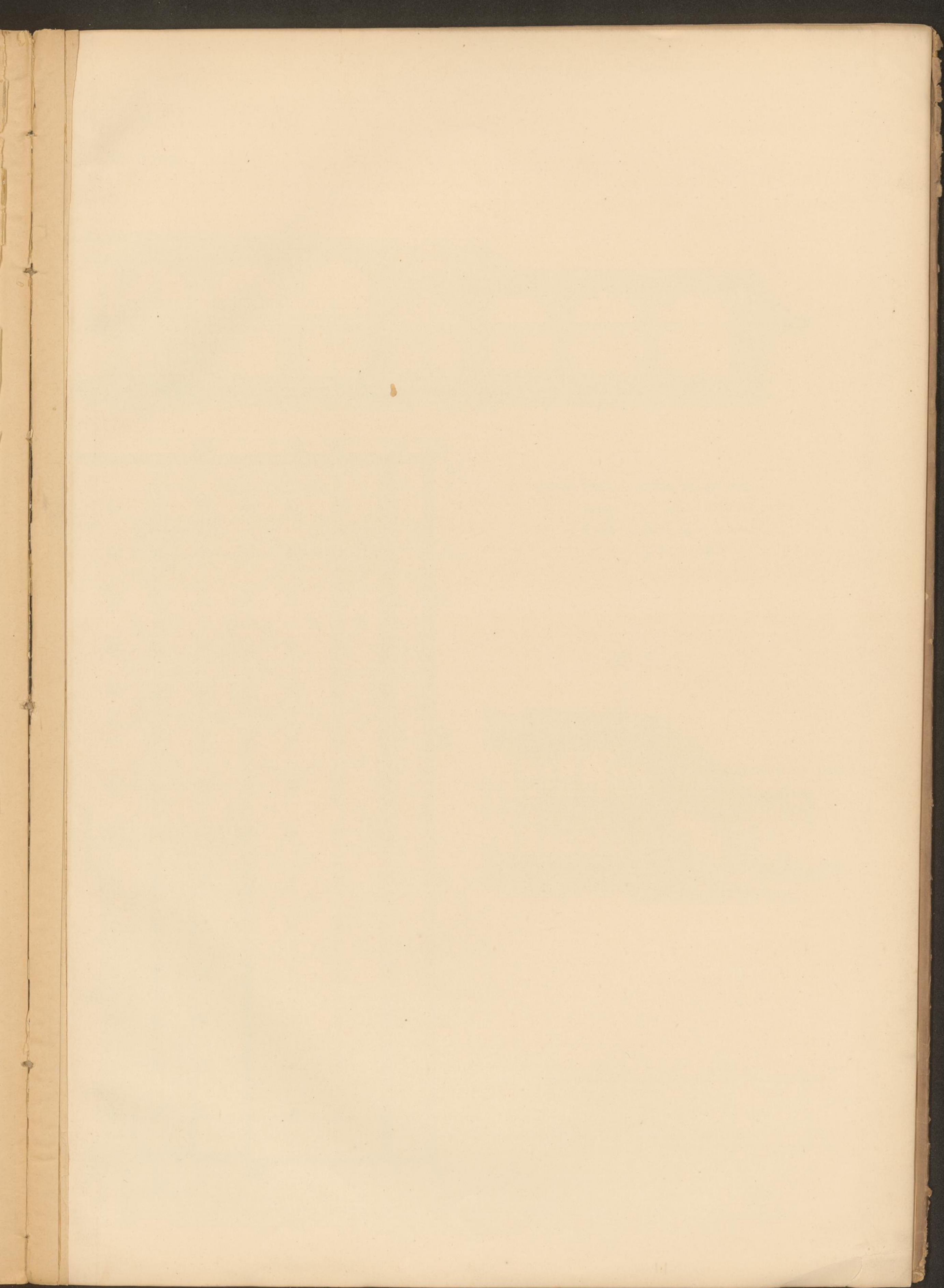




GRAPHISCHE DARSTELLUNG
DES AM RESERVOIR ROSENHÜGEL GEMESSENEN WASSERZUFLUSSES DER KAISER FRANZ JOSEF HOCHQUELLEN-LEITUNG
von der Eröffnung des Aquaductes, vom 1. September 1873 bis Ende Mai 1878.

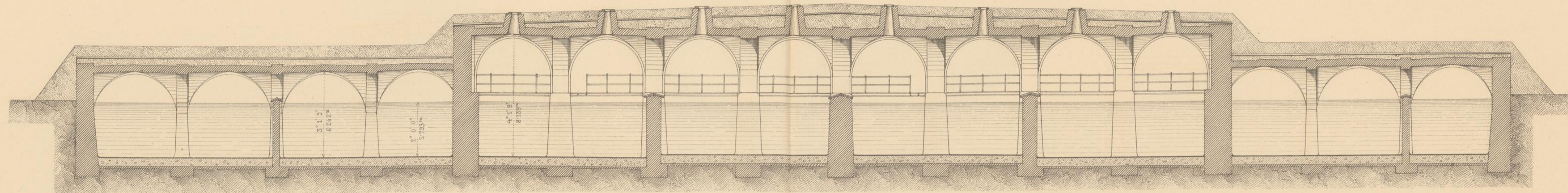






WASSERBEHÄLTER AUF DER SCHMELZ
nach der Vergrößerung.

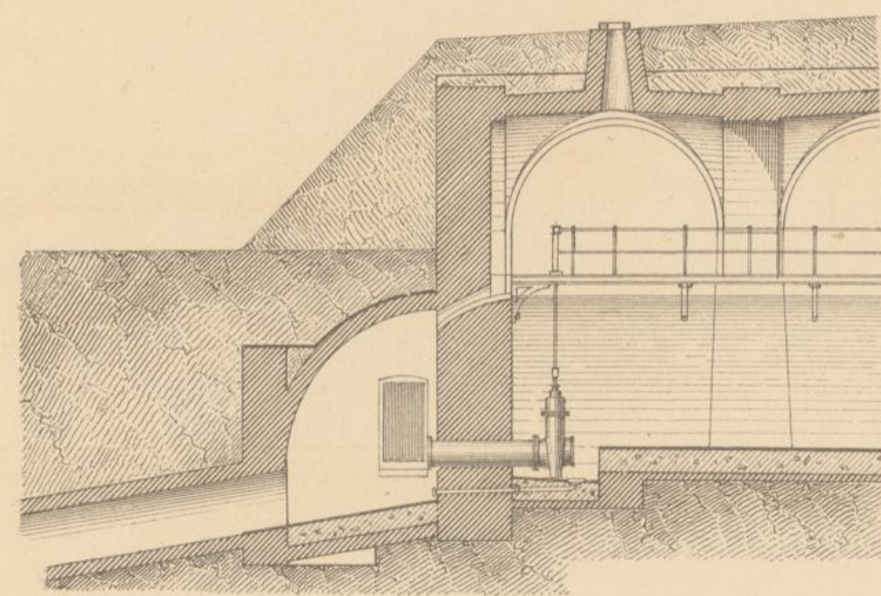
Schnitt AB.



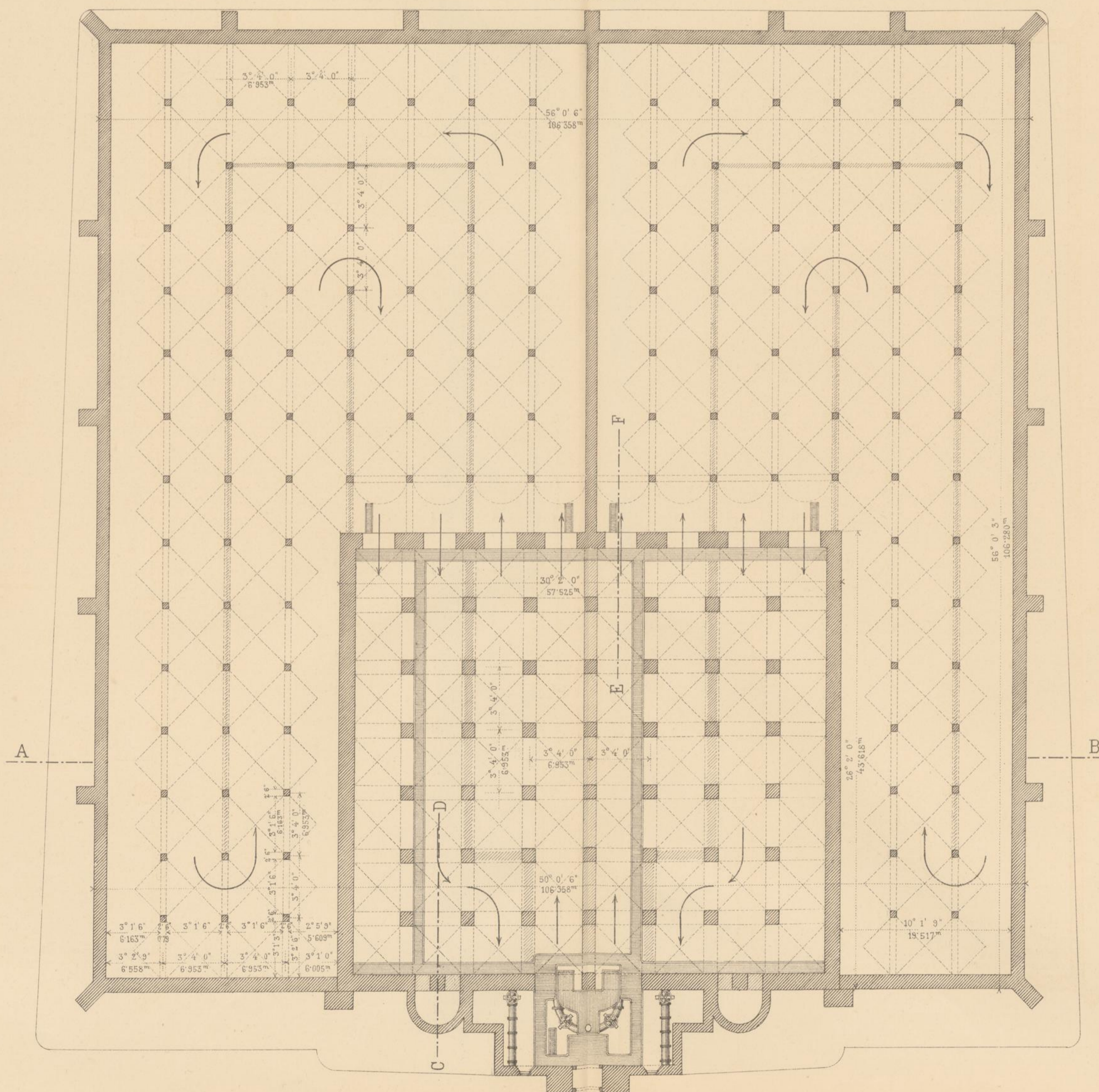
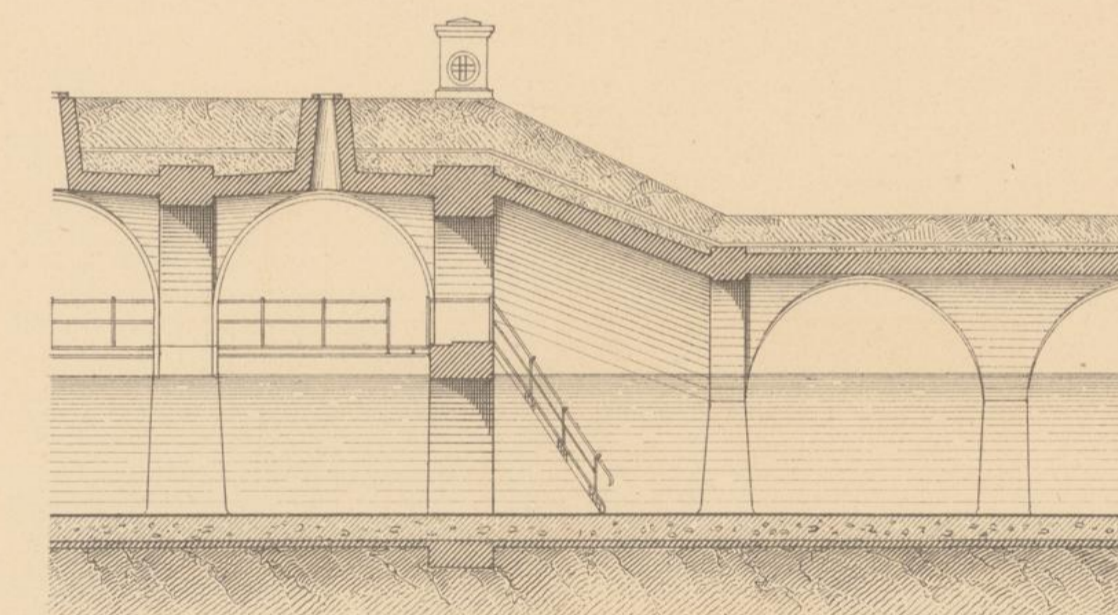
Grundriss.

Inhalt des alten Behälters — 234800 Cub. Fufs.
Inhalt des Zubaues — 930931 " "
Gesamt-Fassungsraum — 1165731 " "
oder 36808⁶⁹ Cub. Meter.

Schnitt. C.D.



Schnitt. F.F.



0 1 2 3 4 5 6 7 8 9 10 W.F. Kltr.

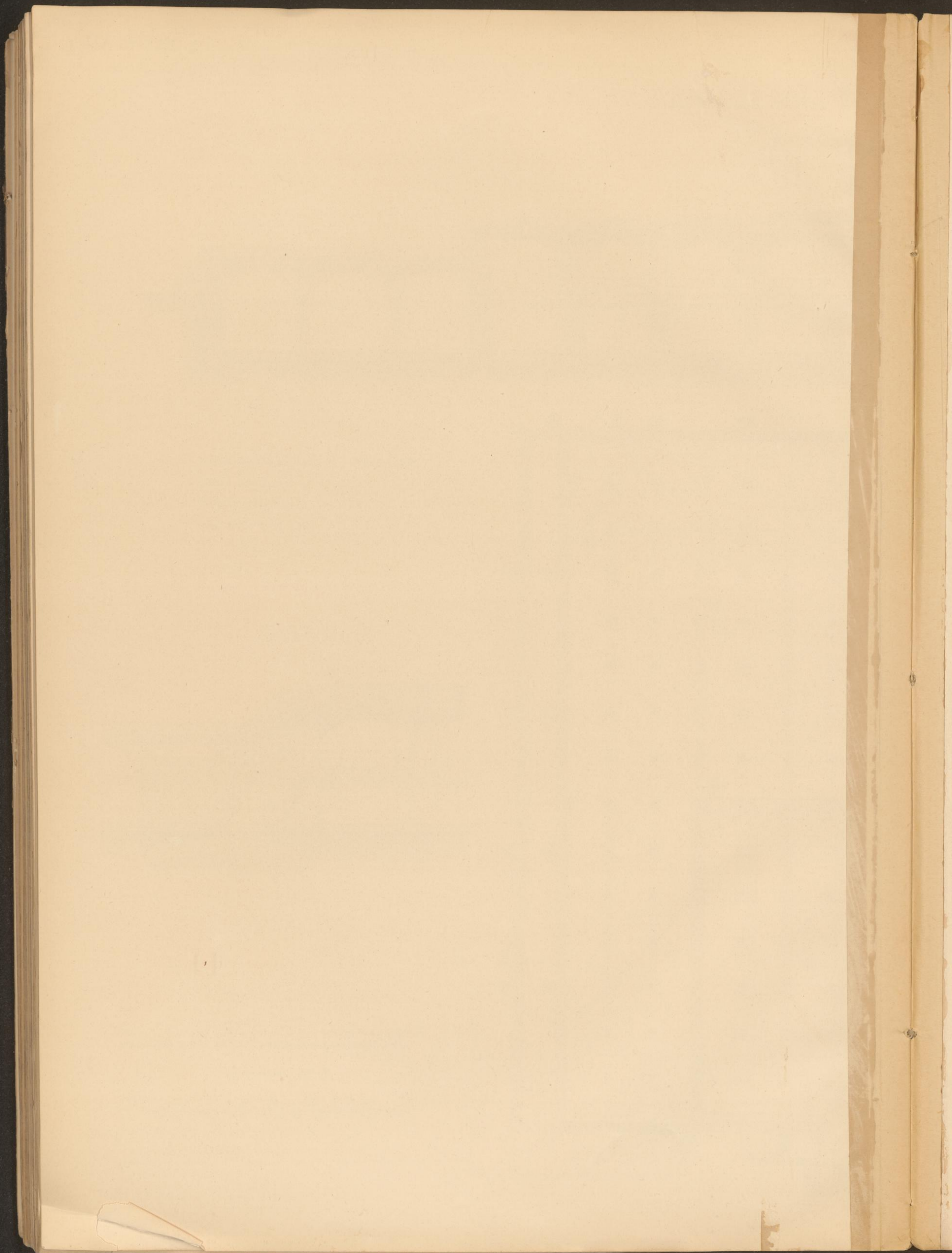
Maisstab für die Profile.

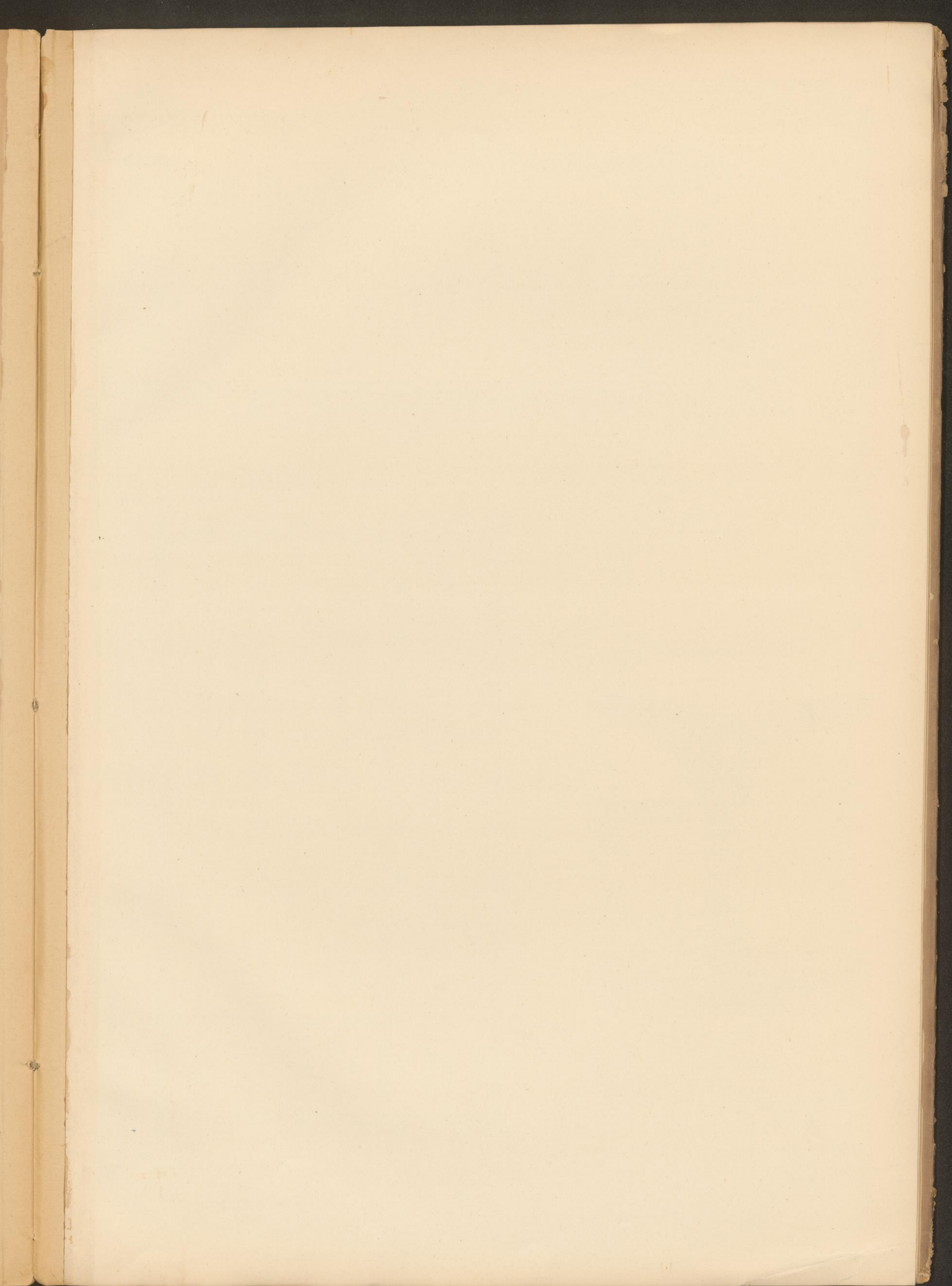
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 Meter.

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 W.F. Kltr.

Maisstab für den Grundriss.

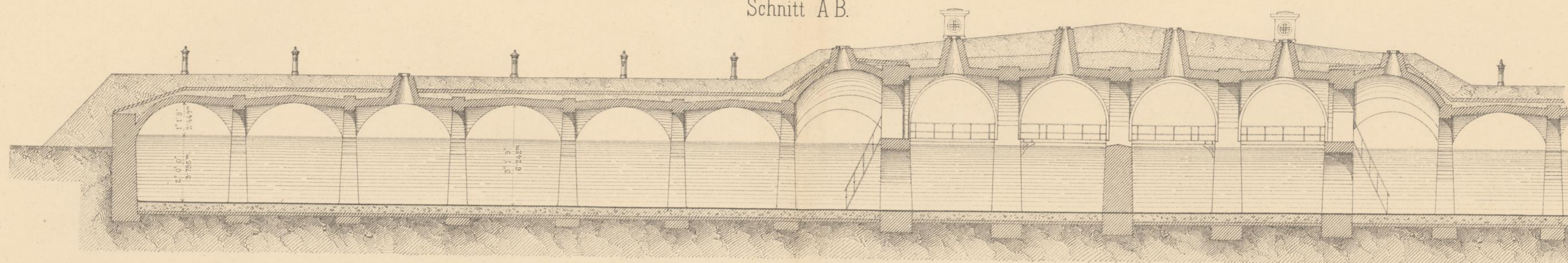
0 5 10 15 20 25 30 35 40 Meter.





WASSERBEHÄLTER AM ROSENHÜGEL
nach der Vergrößerung.

Schnitt A B.

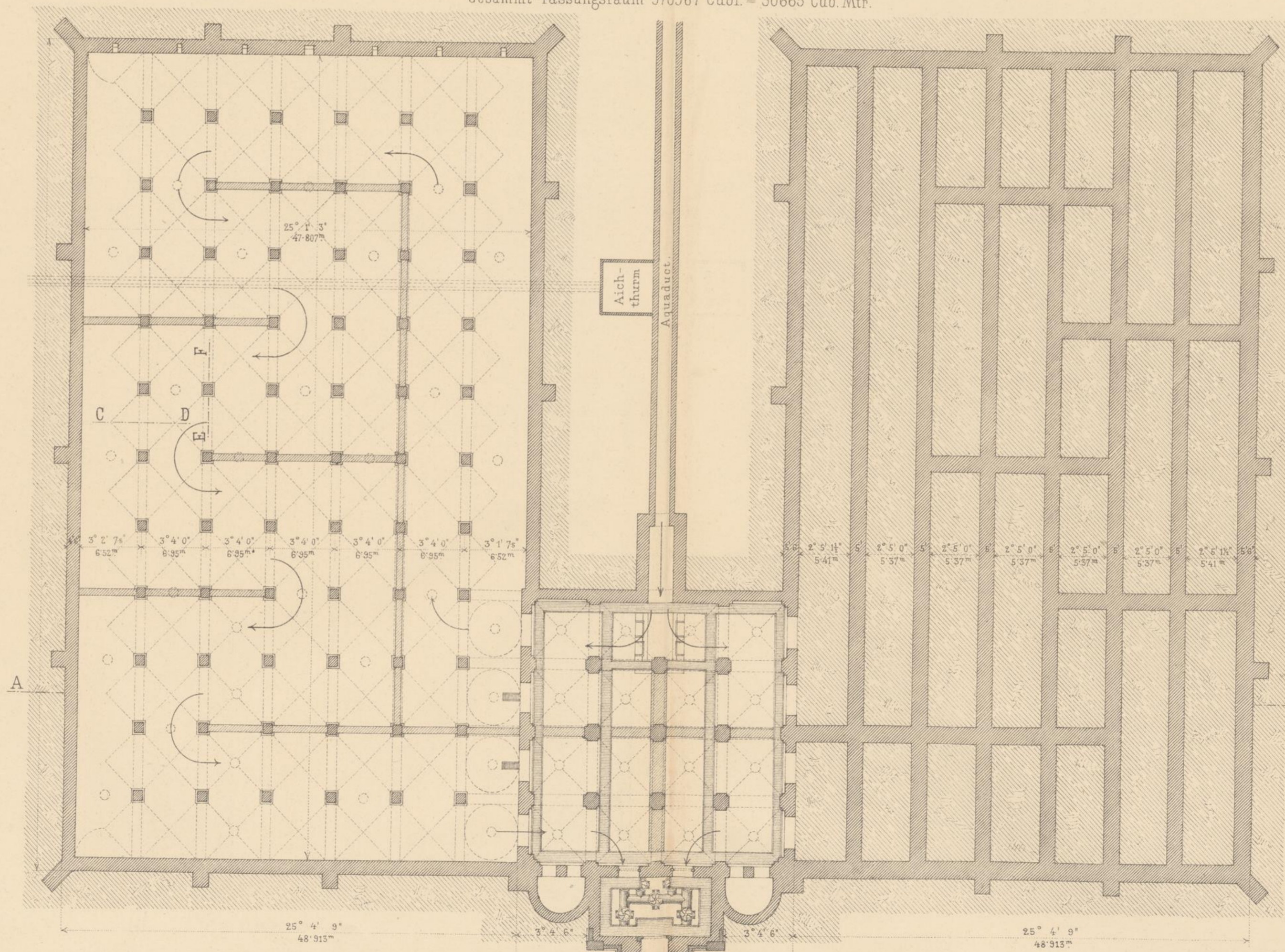


Eben der Erde.

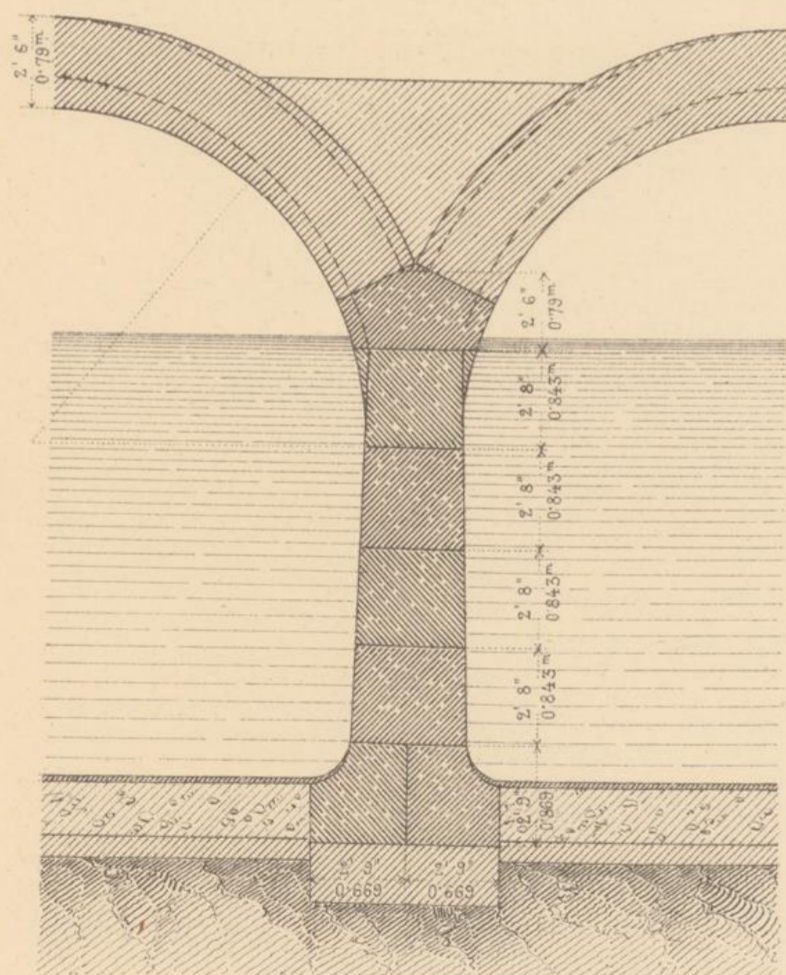
Grundriss

des Fundamentes.

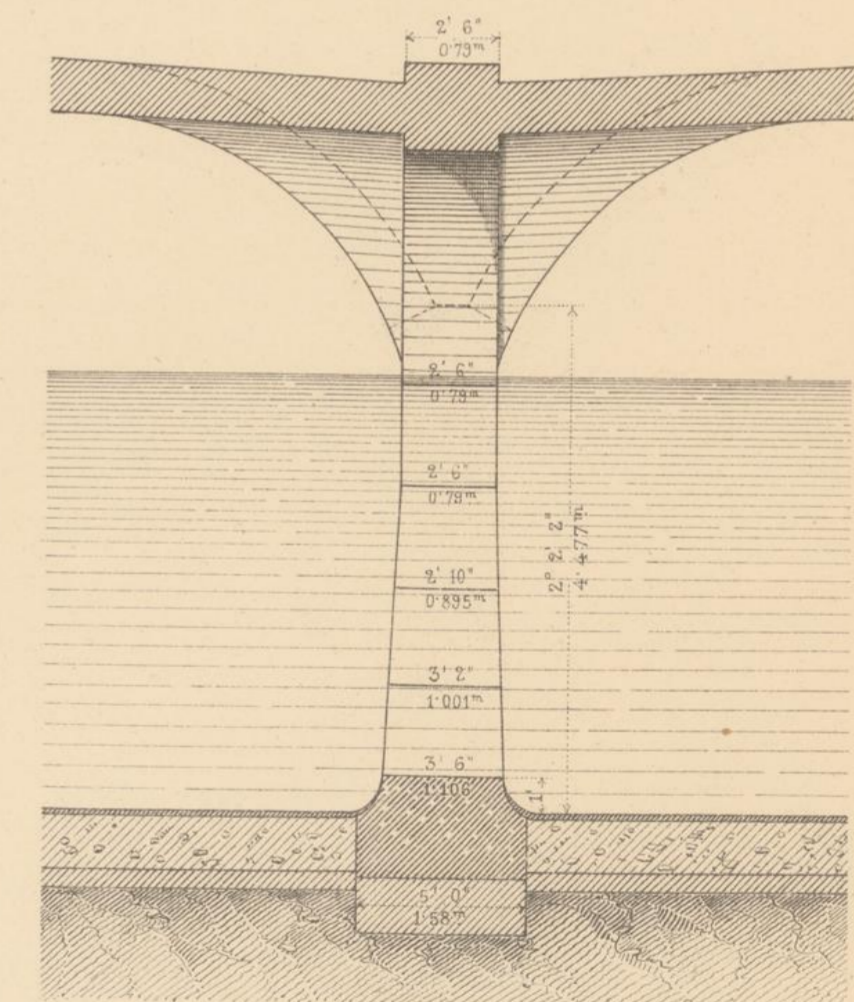
Gesamt-Fassungsraum 970967 Cubf - 30665 Cub. Mtr.



Schnitt nach C D.



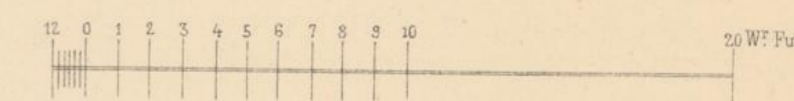
Schnitt nach E F.



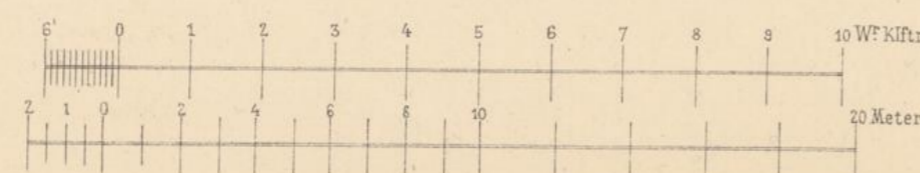
Maßstab der Details.



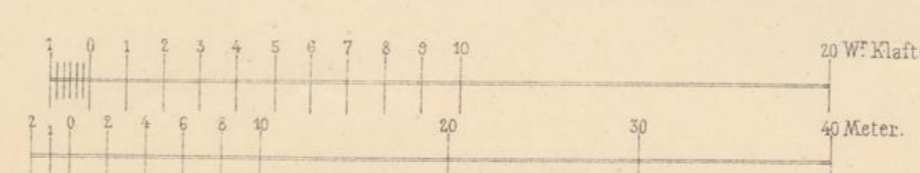
Maßstab der Details.

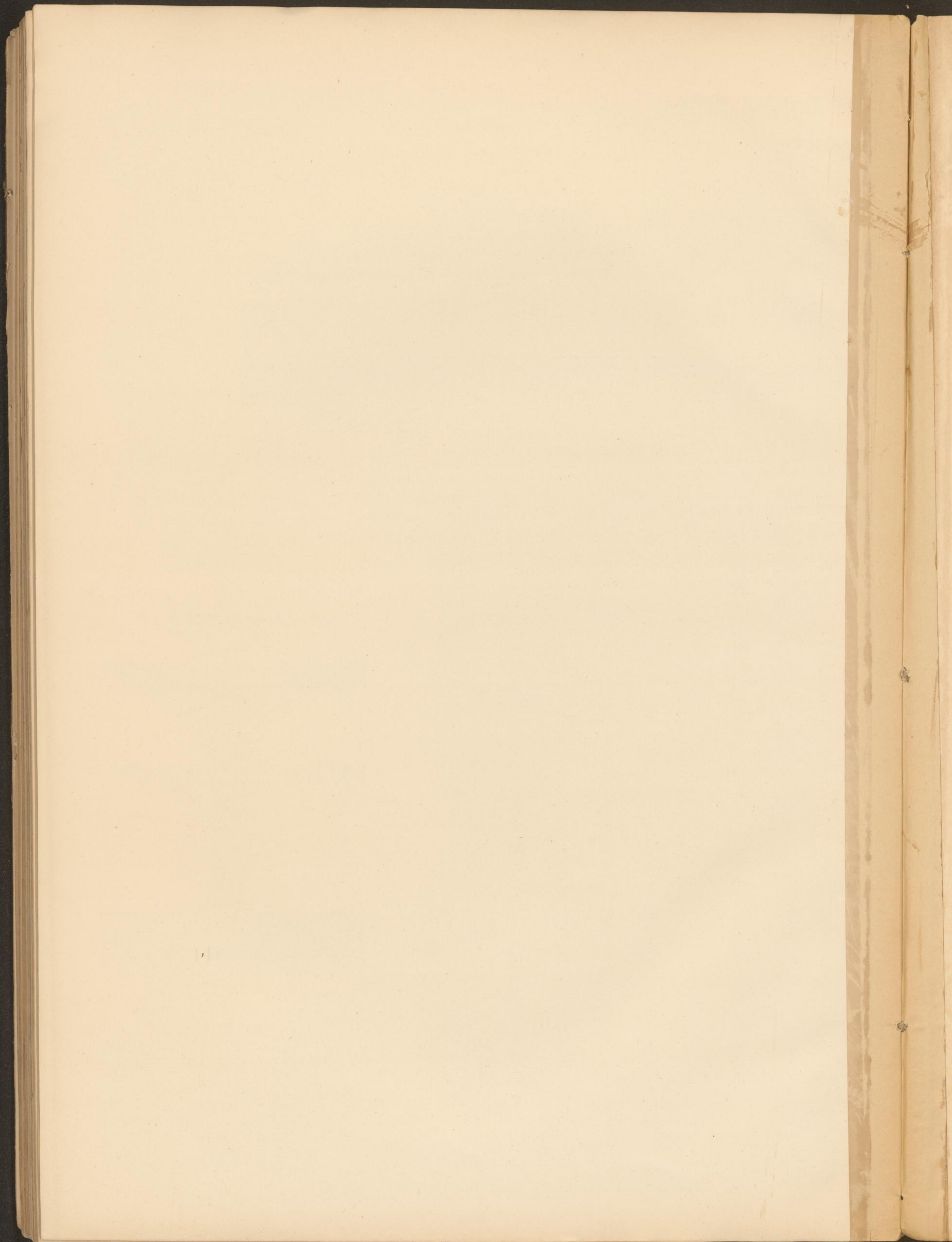


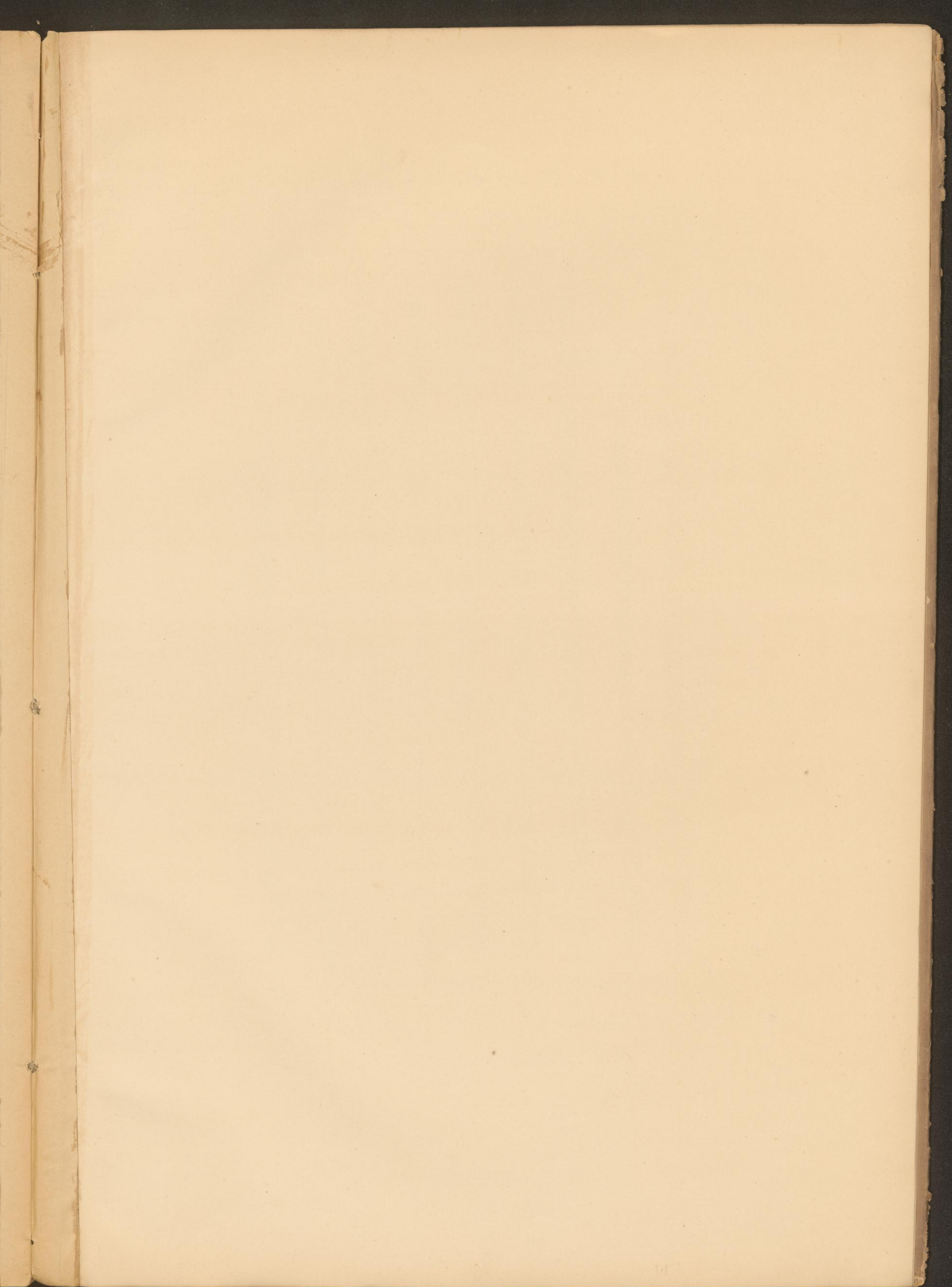
Maßstab des Schnittes.



Maßstab des Grundrisses.



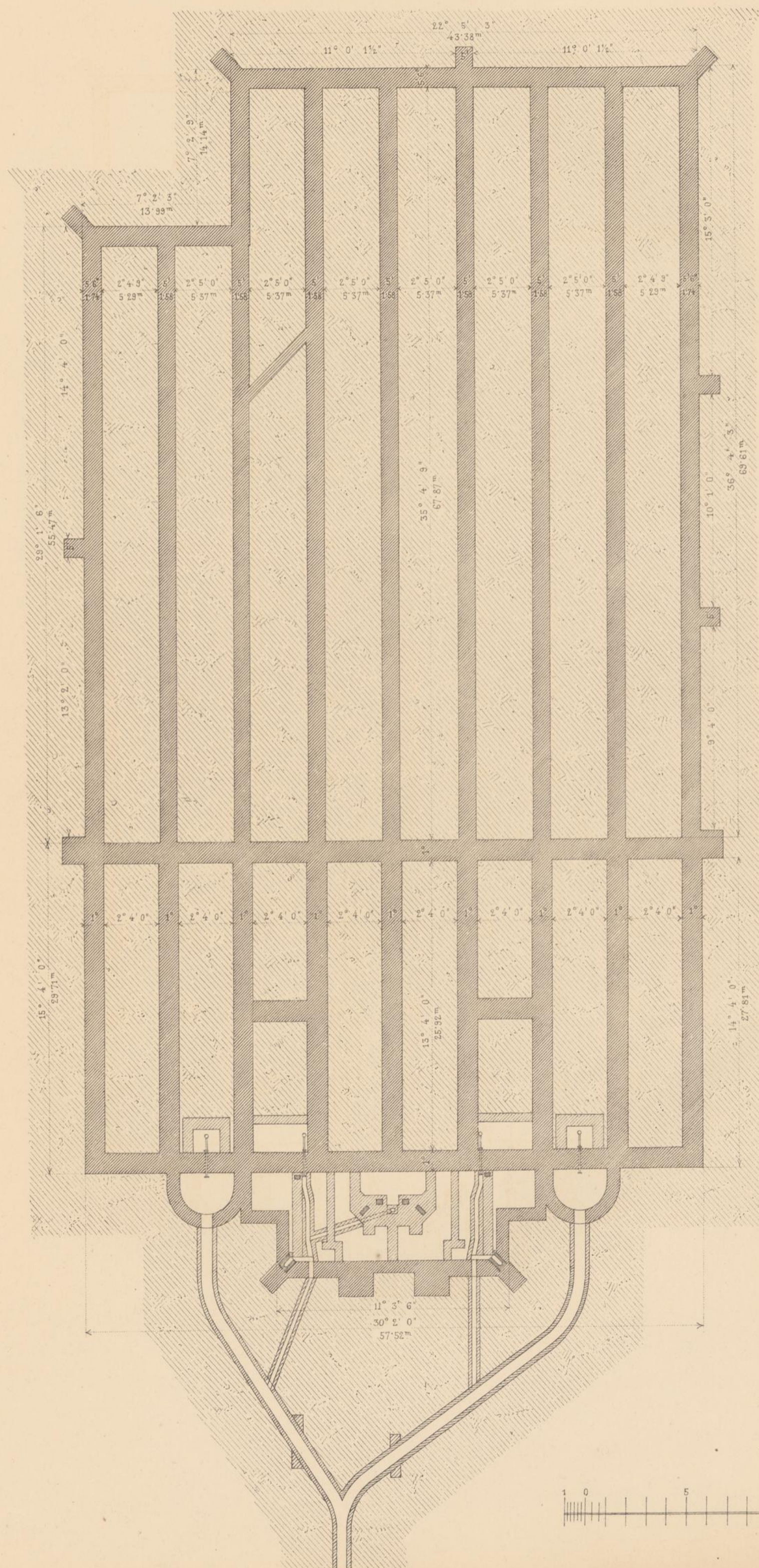




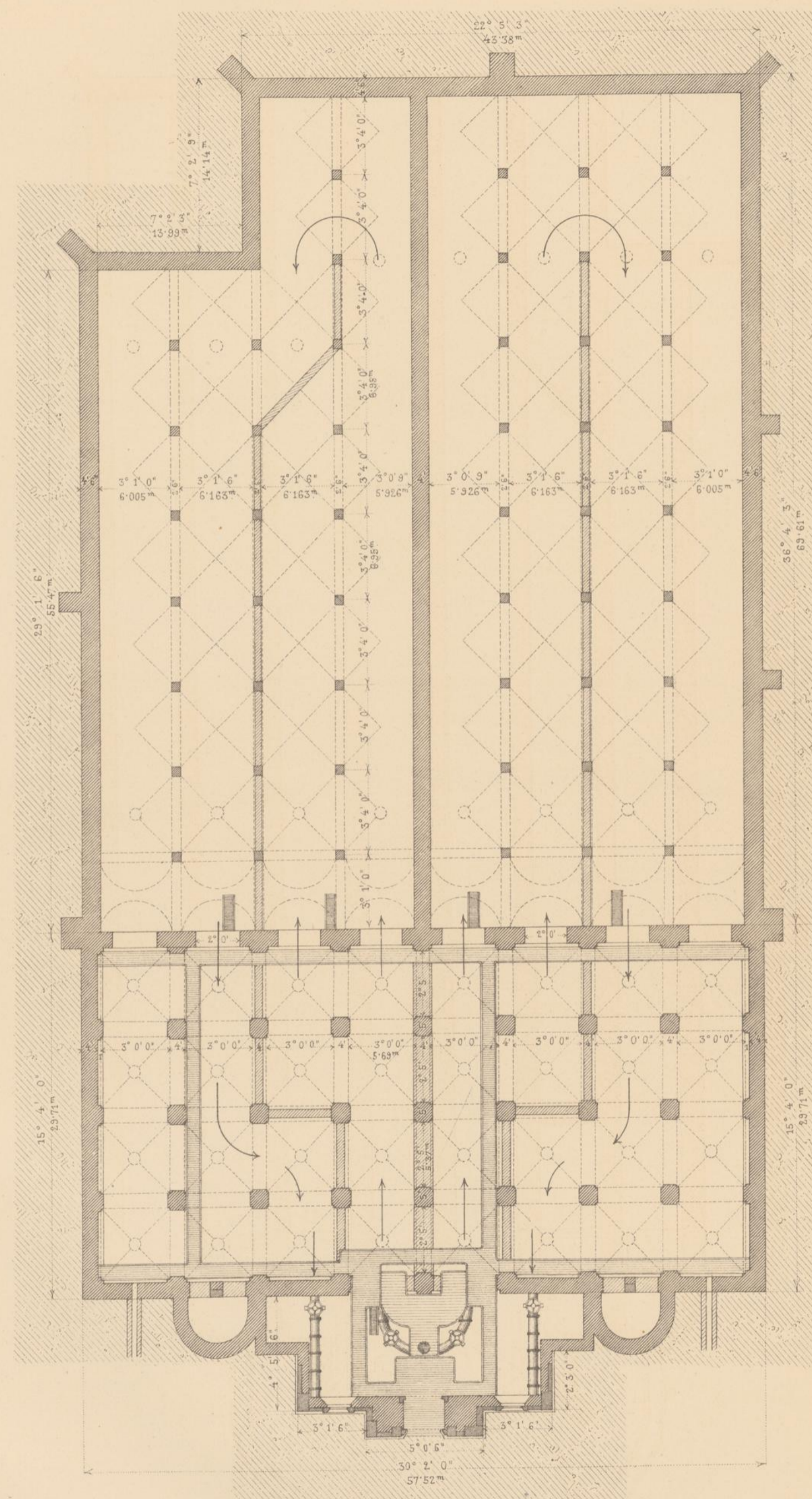
WASSERBEHÄLTER AM WIENERBERG

nach der Vergrößerung.

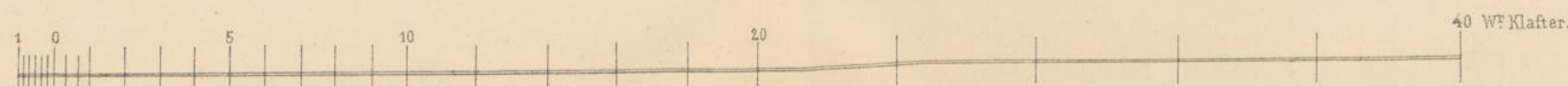
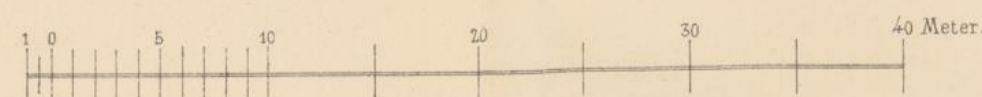
Grundriss des Fundamentes.

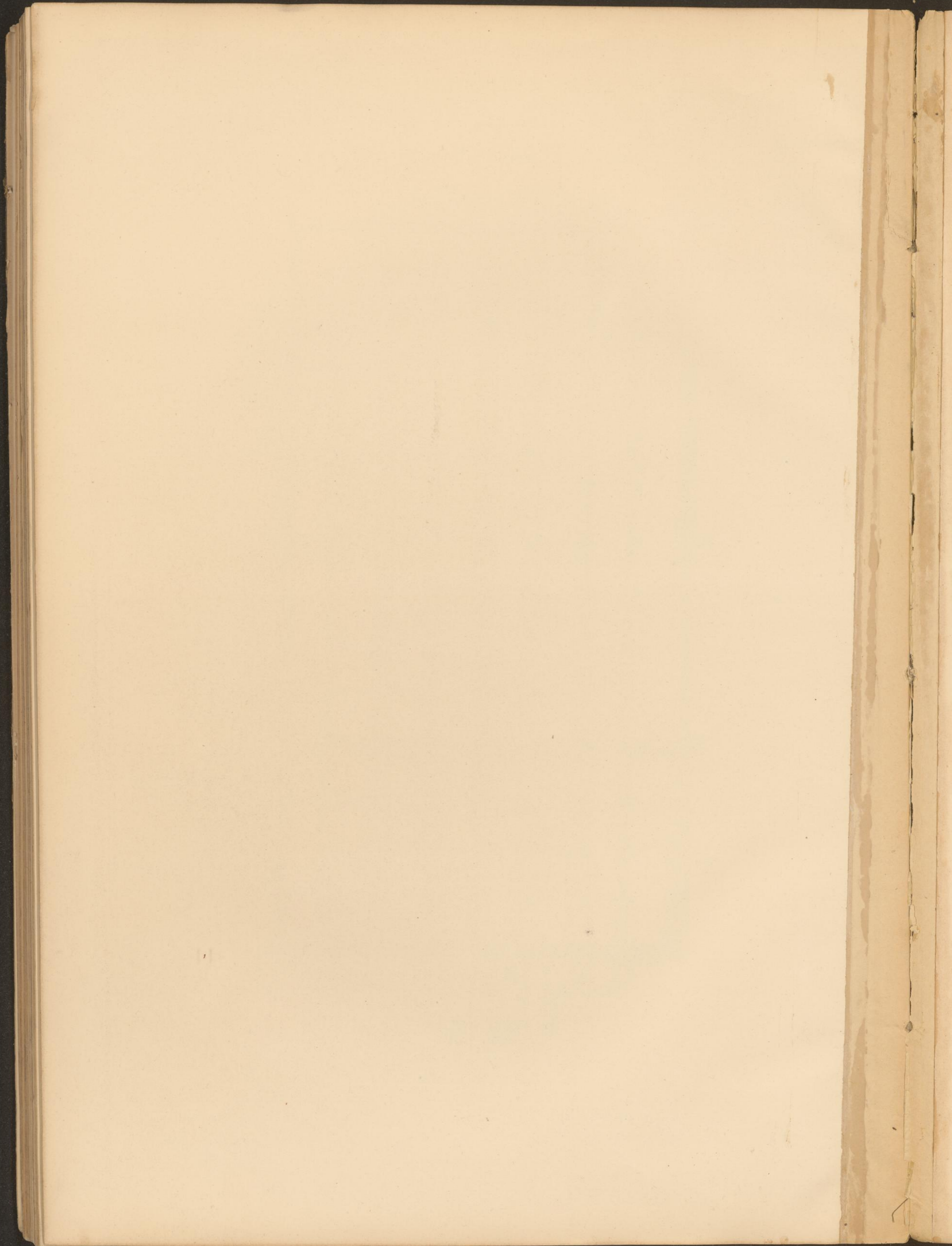


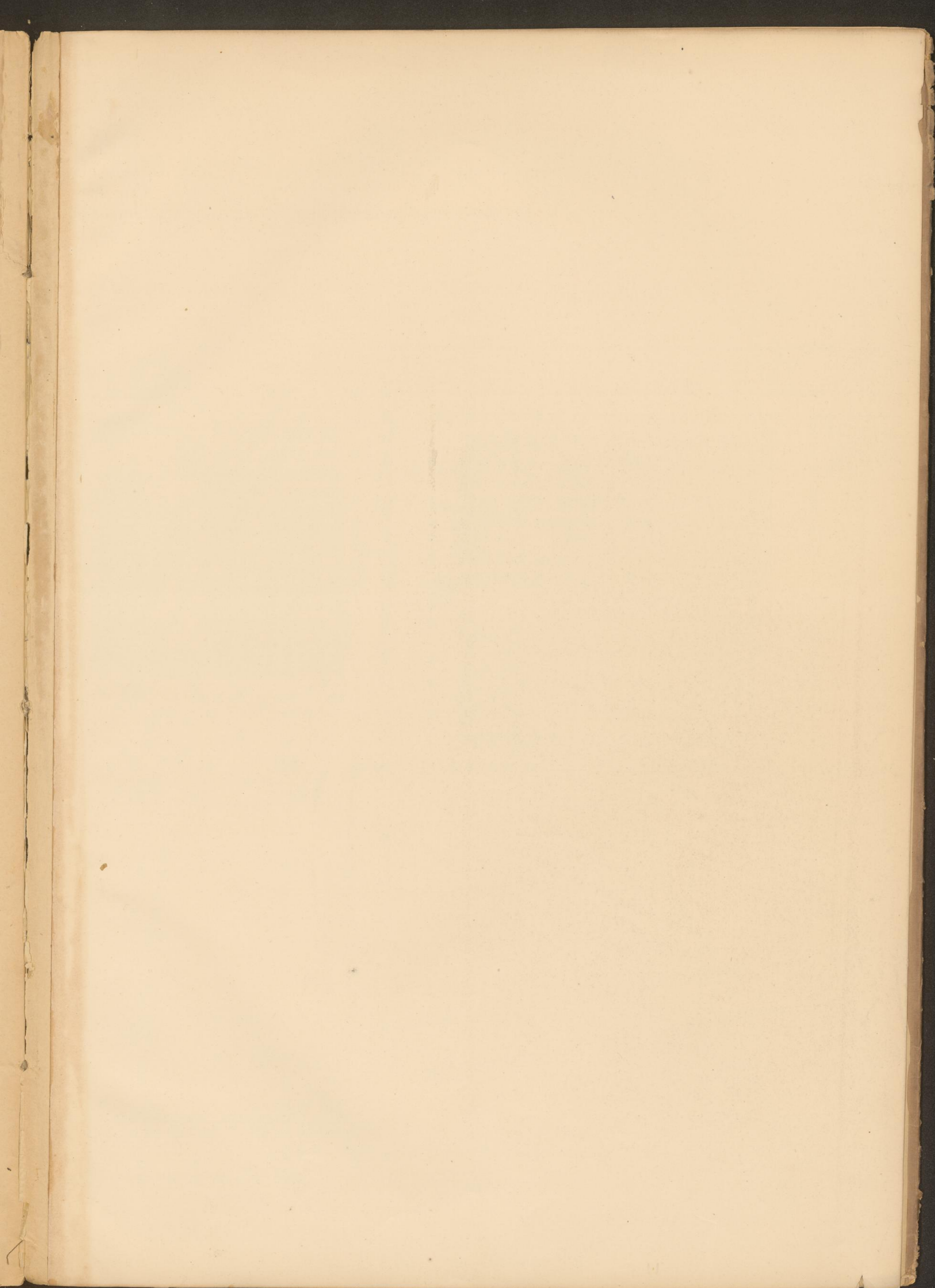
Grundriss Eben der Erde.



Inhalt des alten Behälters = 154400 Cub. Fufs.
Inhalt des Zubaus = 397499 „ „
Gesamt-Fassungsraum = 551899 „ „
oder 17428 Cub. Meter.







SITUATION

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

Auf der Schmelz.

Am Rosenhügel.

Am Wiener-Berg.

