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Politechniki Wrocławskiej



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ATLAS

ZUR

ZEITSCHRIFT FÜR BAUWESEN.

HERAUSGEGEBEN

UNTER MITWIRKUNG DER KÖNIGL. TECHNISCHEN BAU-DEPUTATION UND DES
ARCHITEKTEN-VEREINS ZU BERLIN.

REDIGIRT

VON

G. ERBKAM,

BAURATH IM KÖNIGLICHEN MINISTERIUM FÜR HANDEL, GEWERBE UND ÖFFENTLICHE ARBEITEN.

1911.1702.

JAHRGANG XVI.



8420



Abgegeben

von der

Bücherei

BERLIN, 1866.

VERLAG VON ERNST & KORN.

(GROPIUS'SCHE BUCH- UND KUNSTHANDLUNG.)

der Kgl. Technischen
Hochschule Danzig.



ATLAS

ZEITSCHRIFT FÜR ARCHITECTUR-UND BAUWISSENSCHAFTEN



ENTWURF UND AUSFÜHRUNG DER ARCHITECTUR-UND BAUWISSENSCHAFTEN

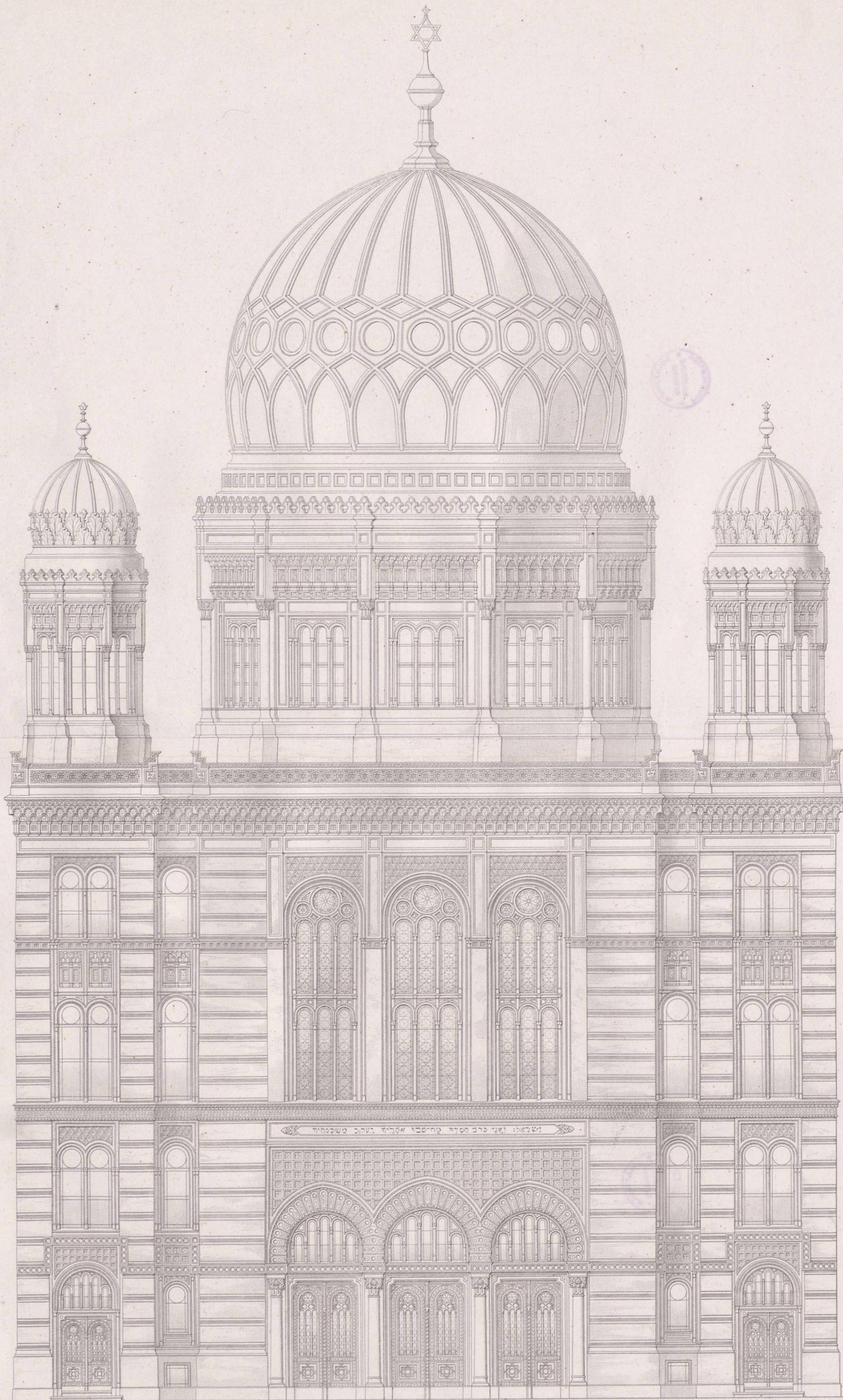


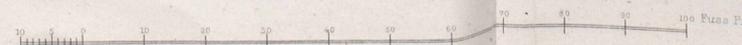
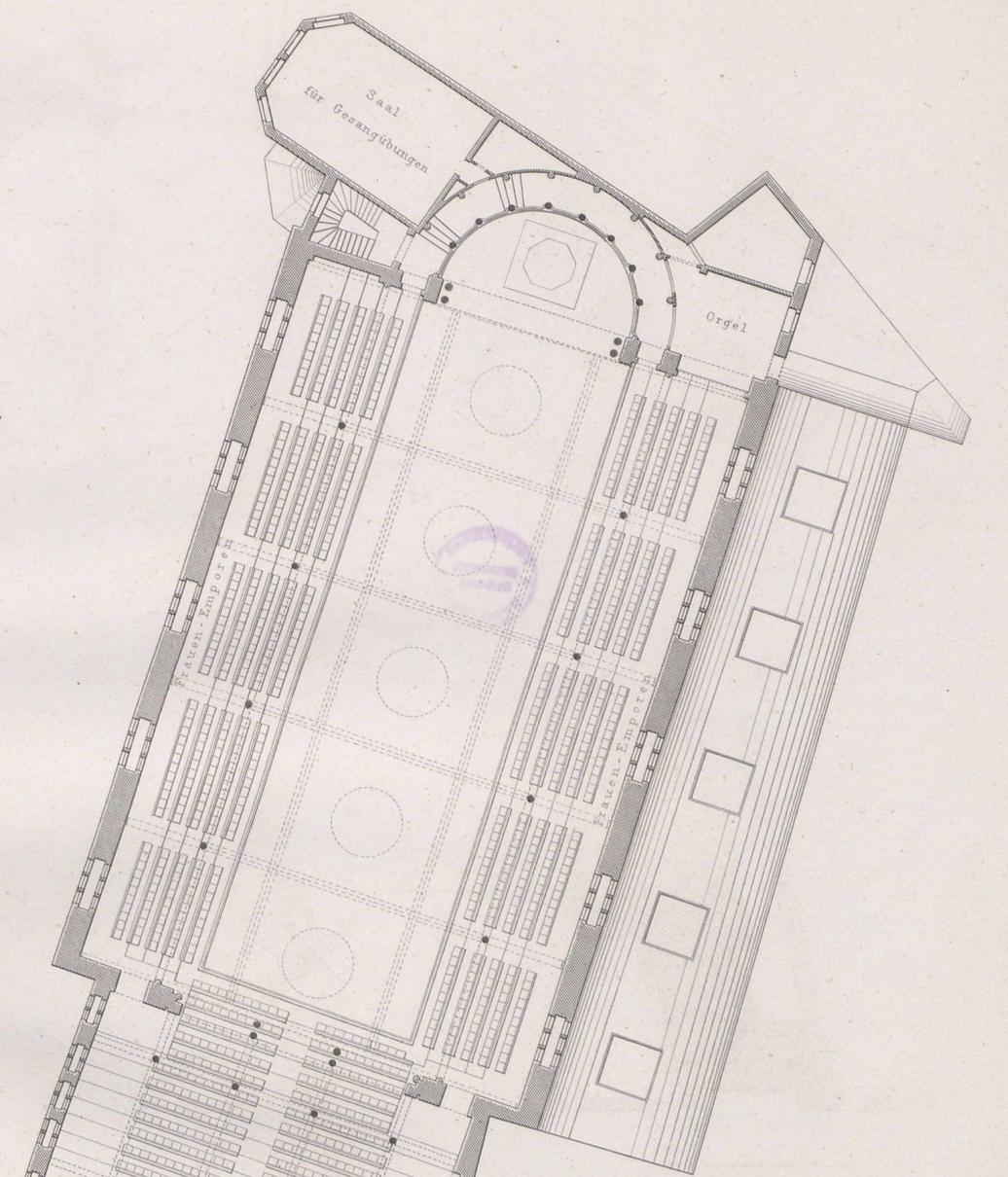
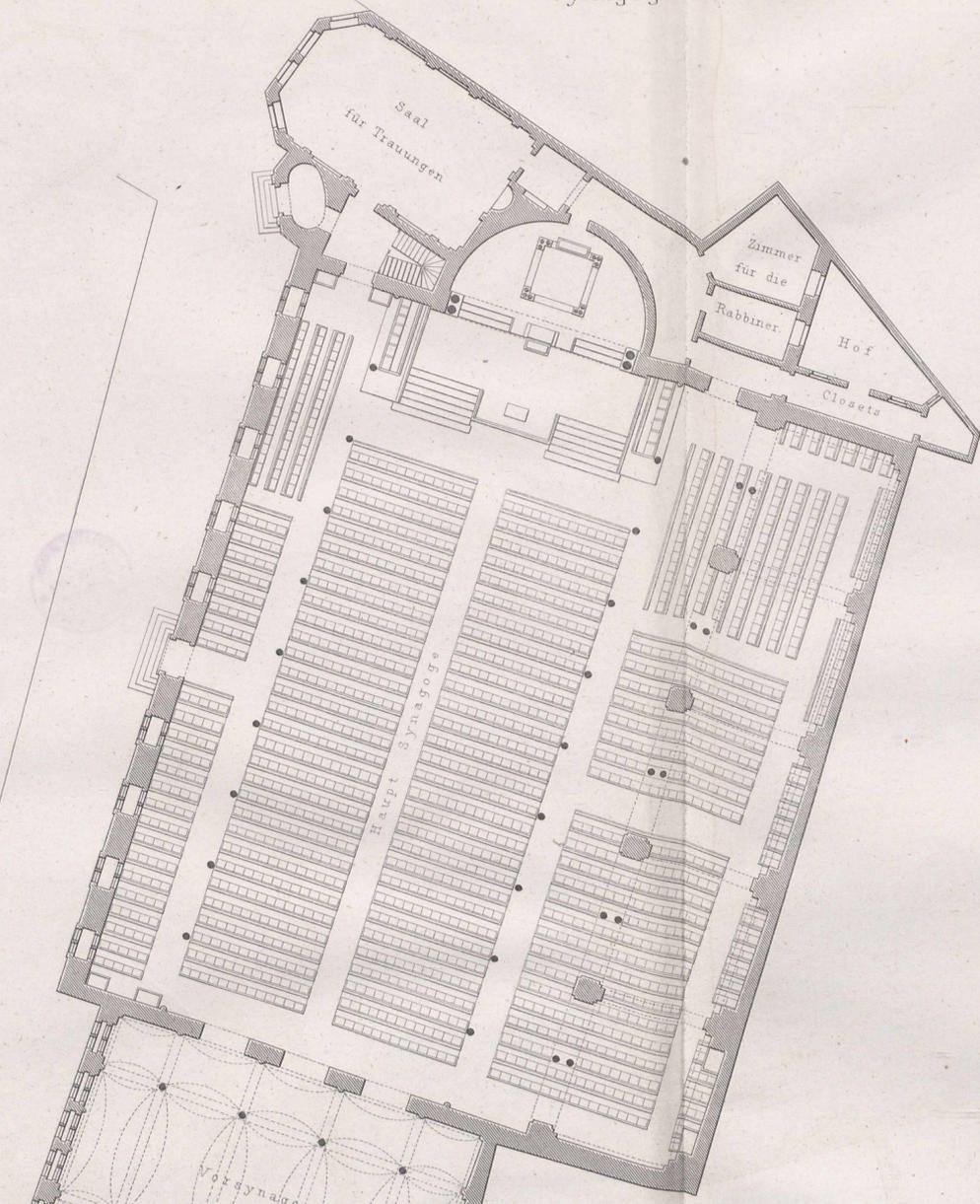
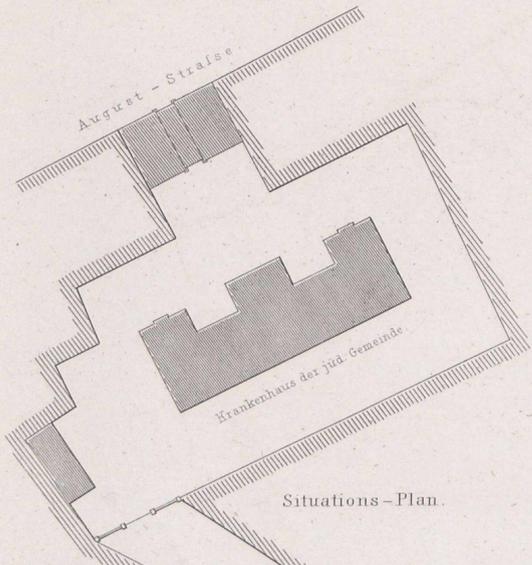
C. ERCKMANN

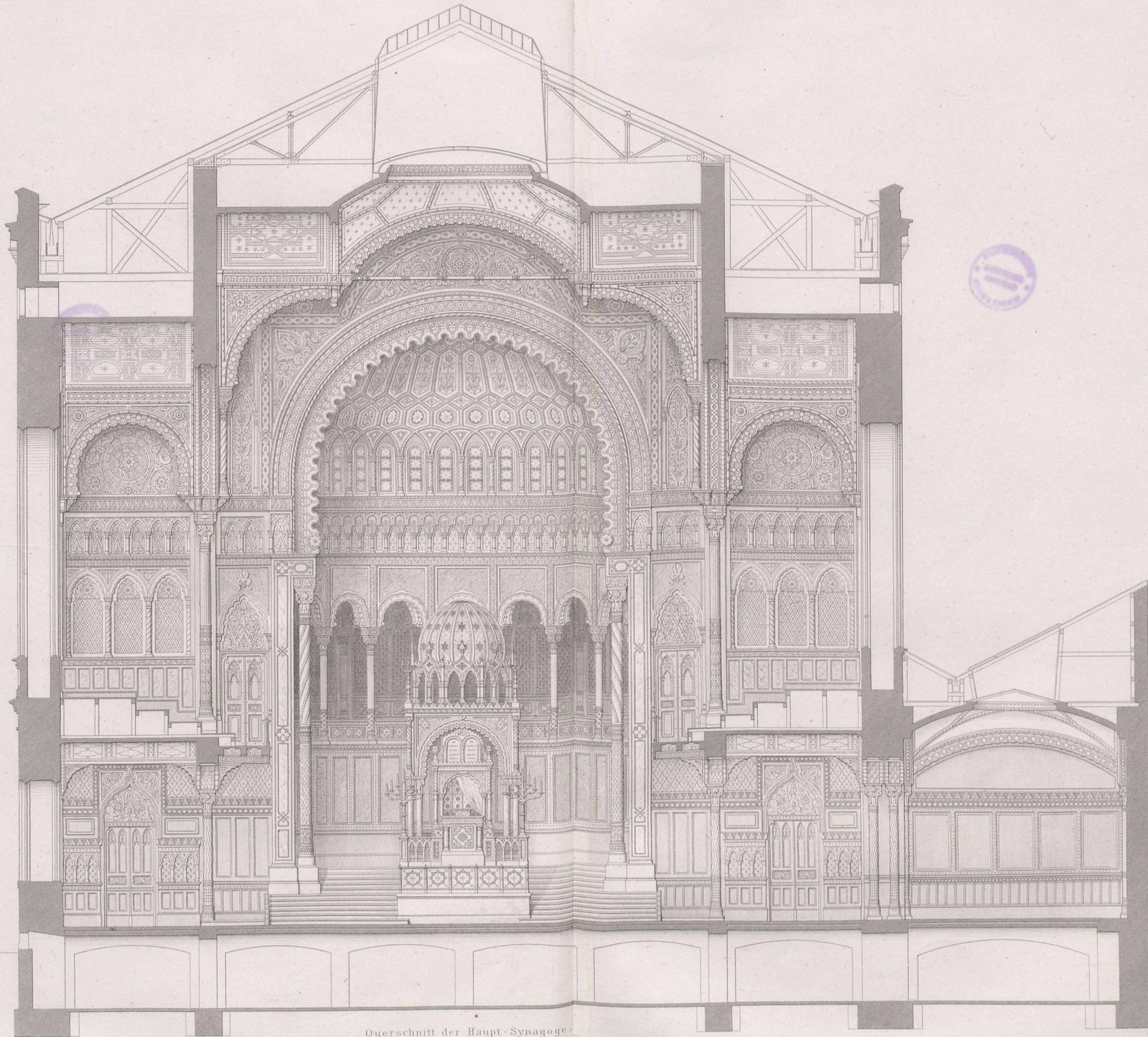
1877

VERLAG VON C. ERCKMANN

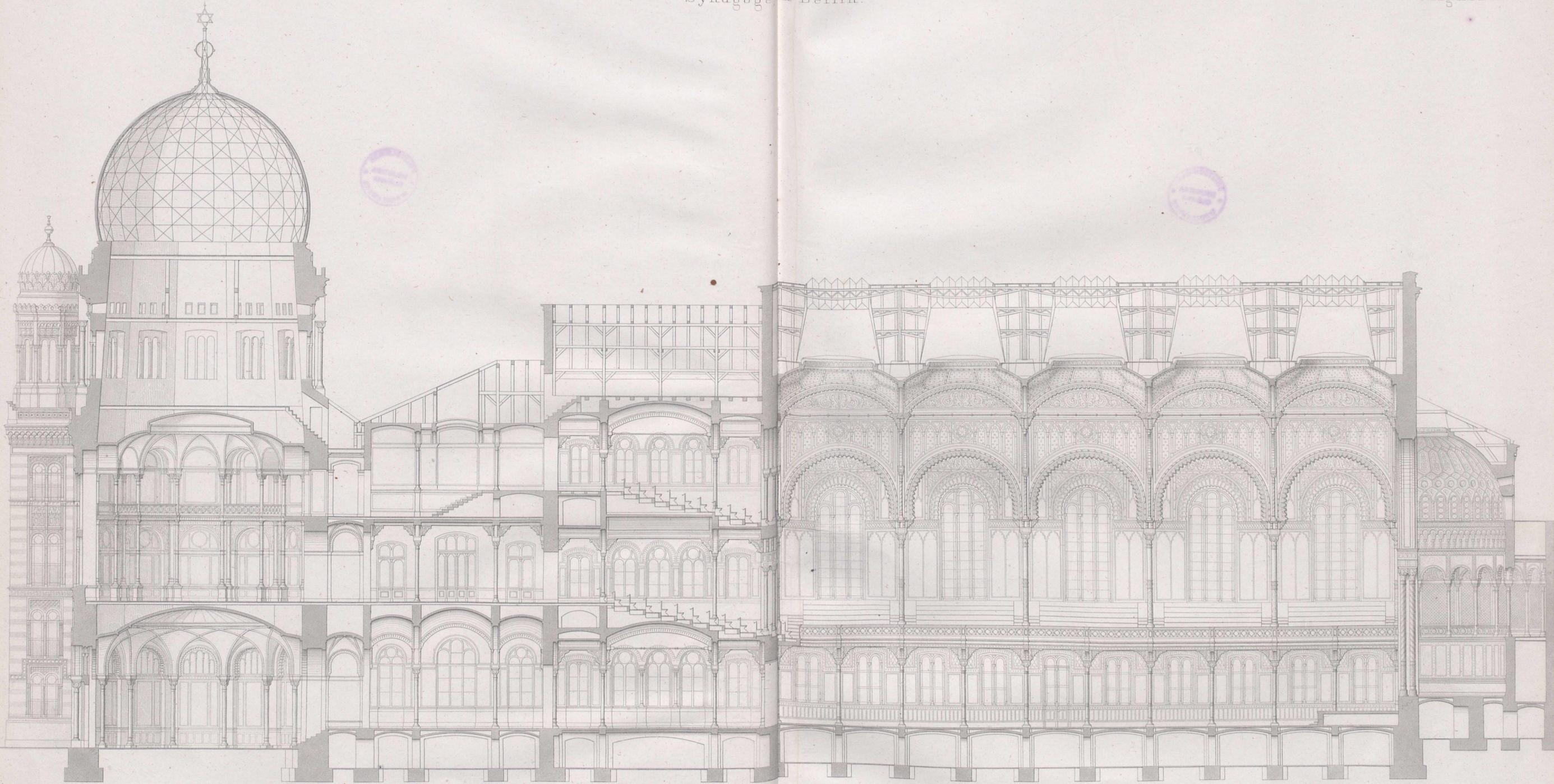








Querschnitt der Haupt-Synagoge

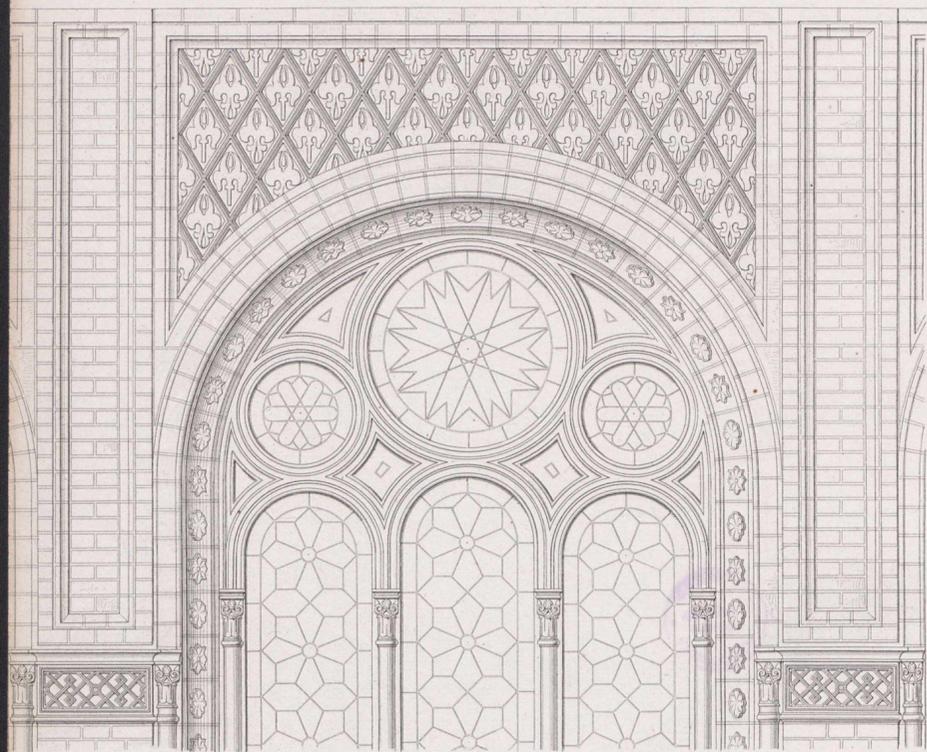


Längendurchschnitt.

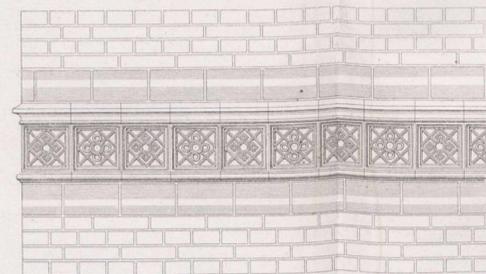


Ernst & Korn, Berlin.

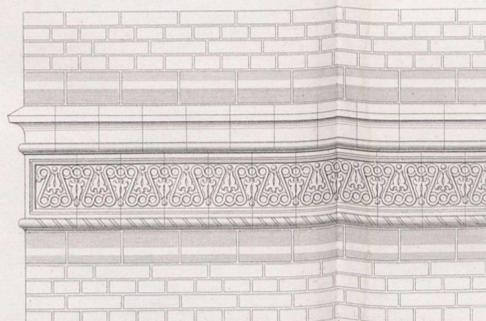
Verblacherf.



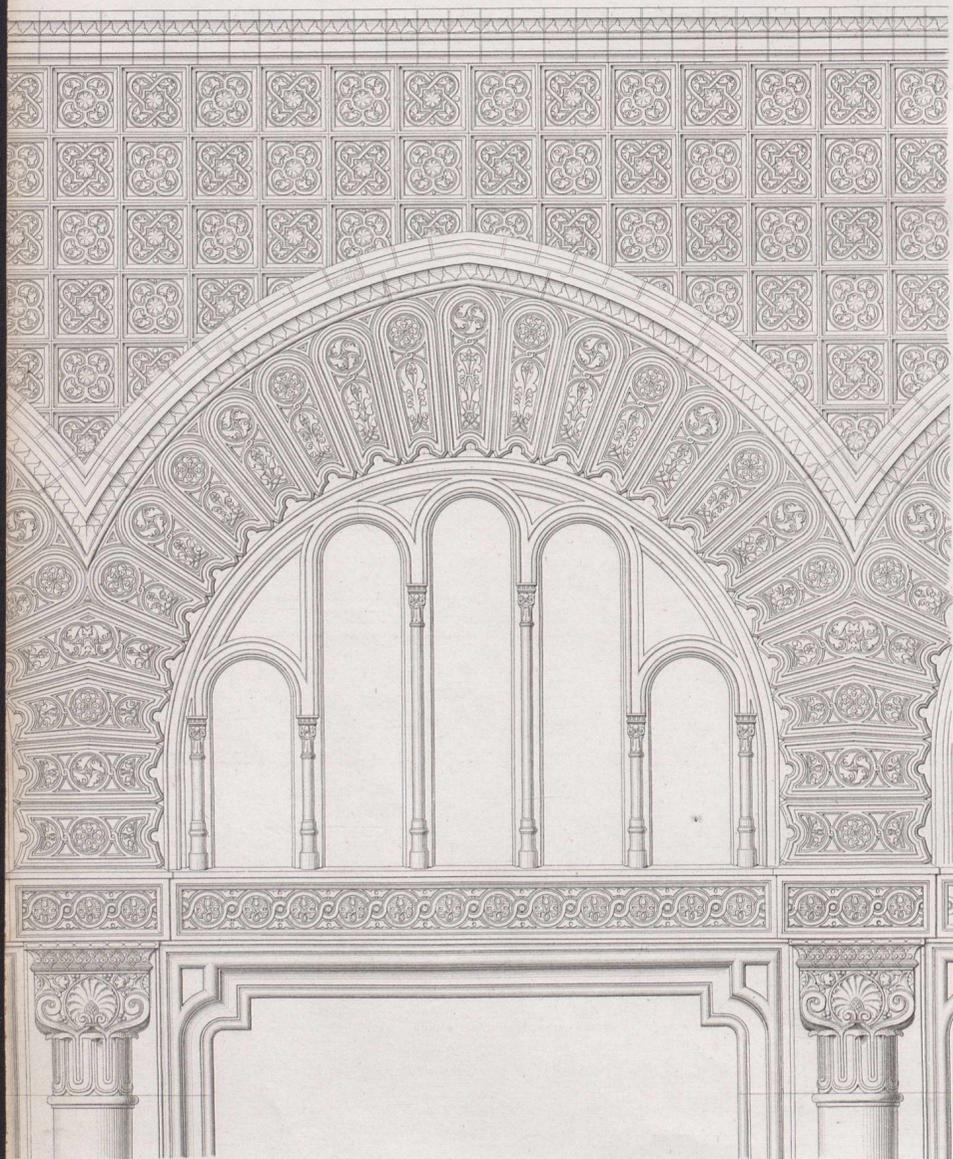
Details der mittleren Fenster.



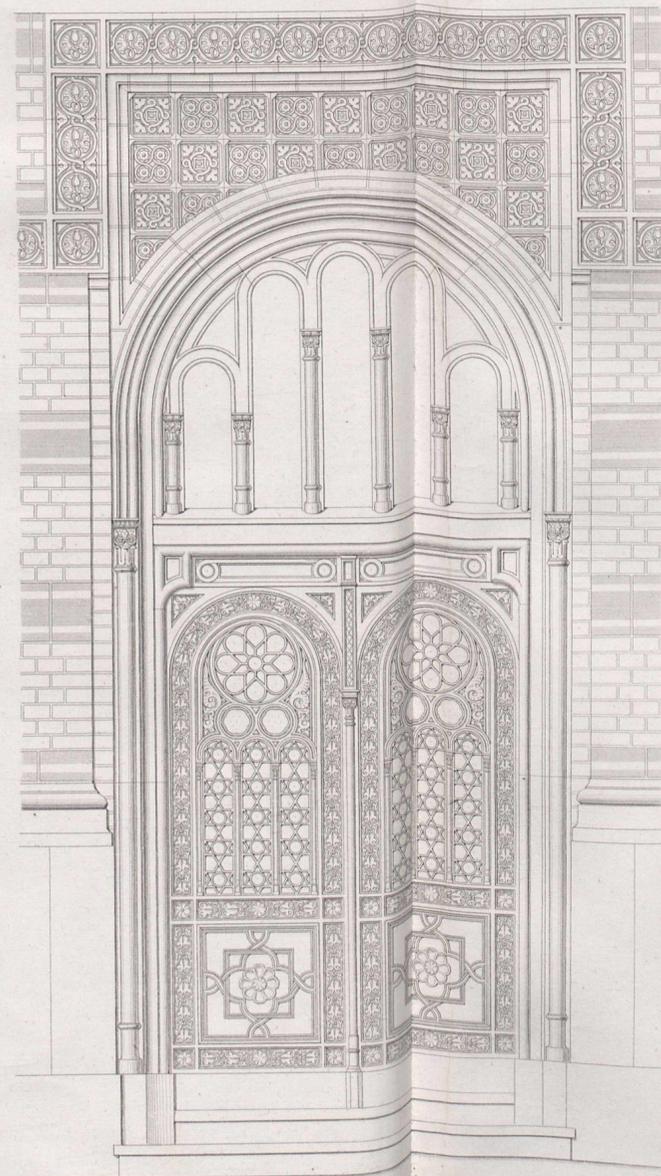
Brüstungsgesims des obersten Geschosses.



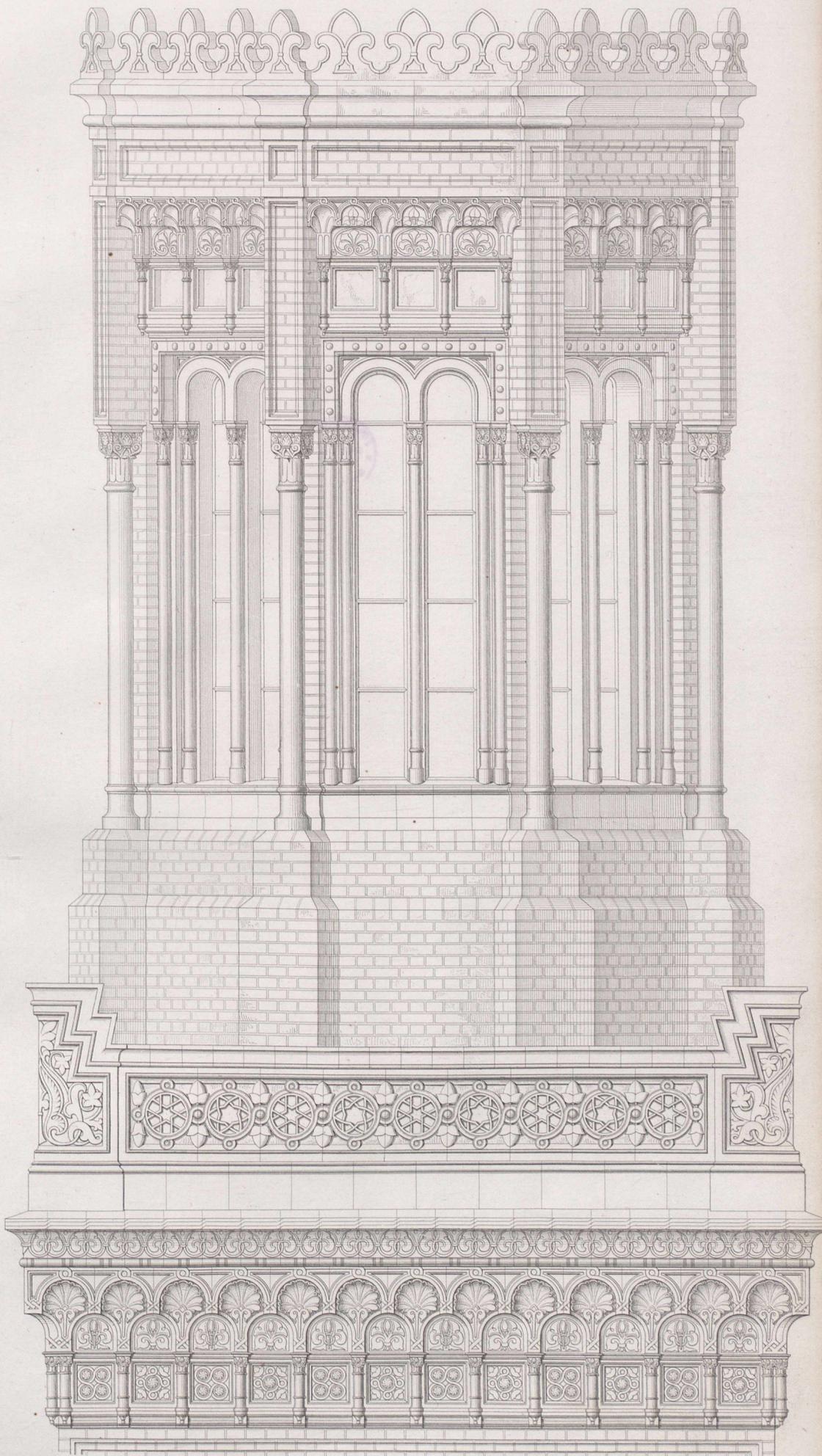
Brüstungsgesims des Hauptgeschosses.



Detail der mittleren Eingangsportale.



Seitliche Eingangsportale

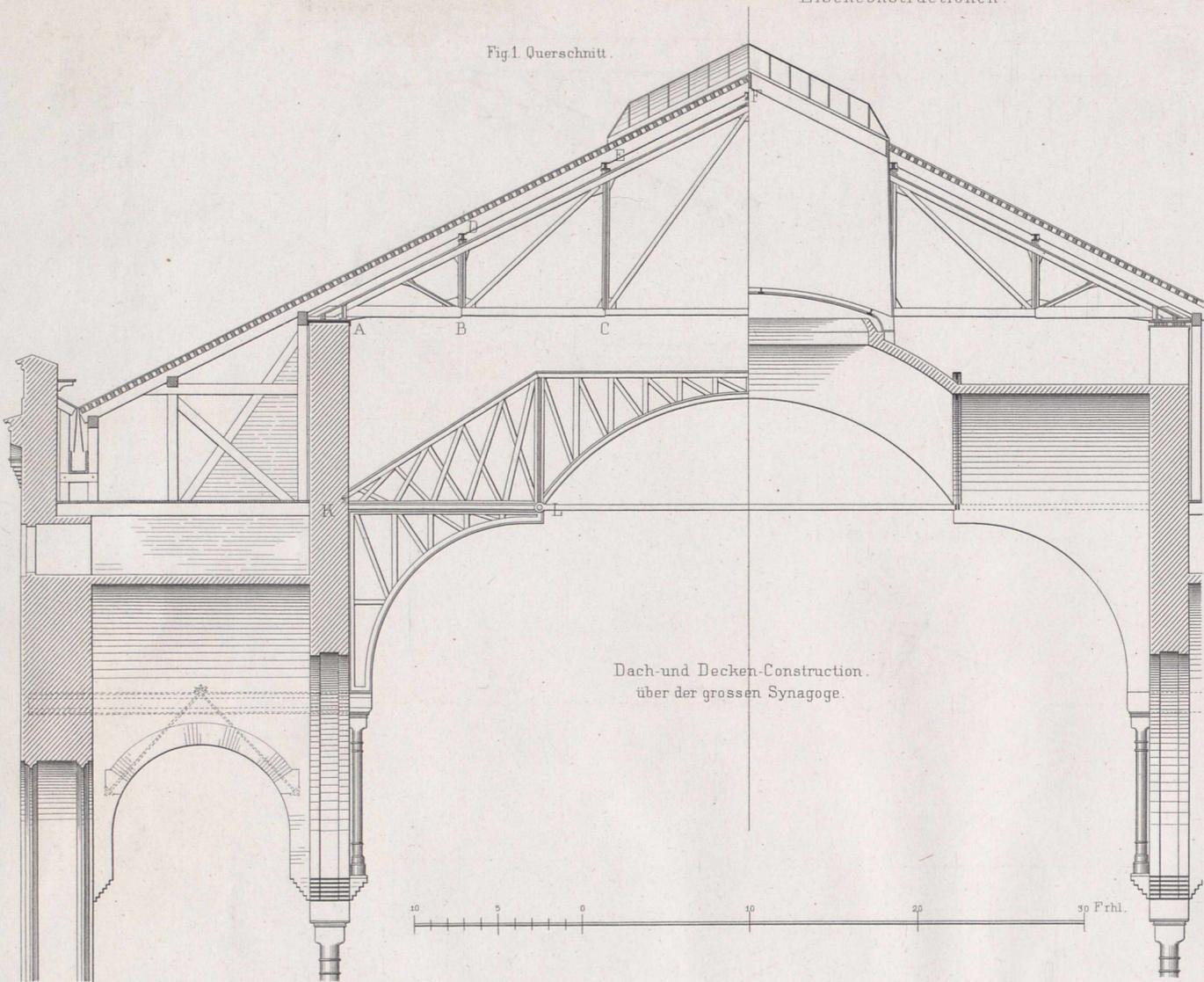


Detail des Hauptgesimses der Attika und des Tambours der kleinen Kuppeln.

10 0 0 1 2 3 4 5 7 8 9 10 11 Fuss Pr

Eisenconstruktionen.

Fig. 1 Querschnitt.



Dach- und Decken-Construction über der grossen Synagoge.

Fig. 2 Längenschnitt.

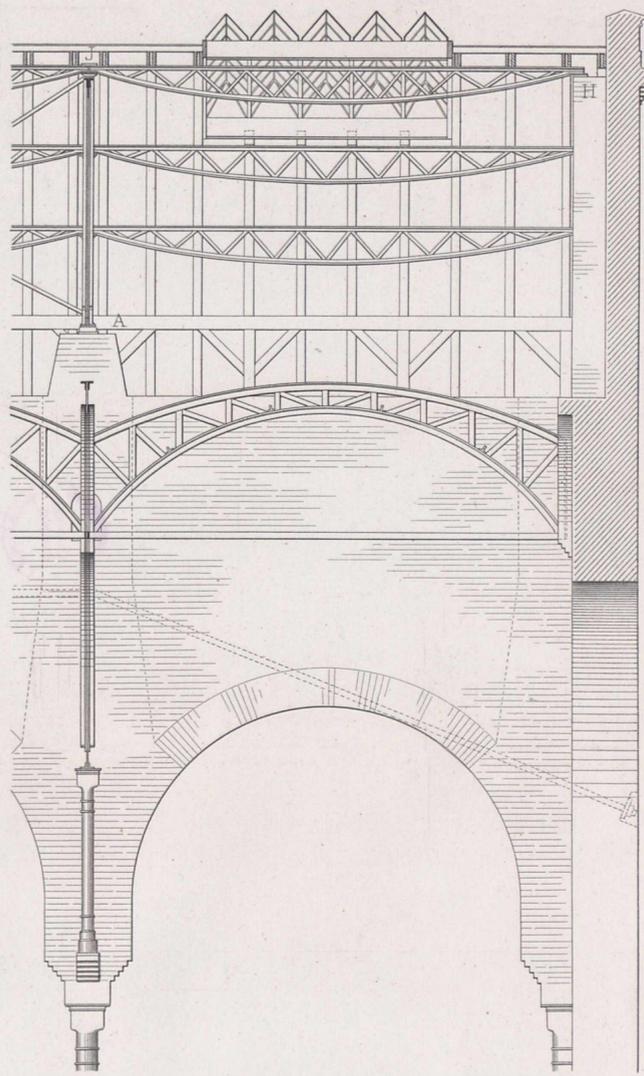
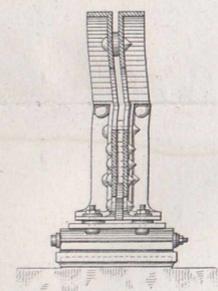


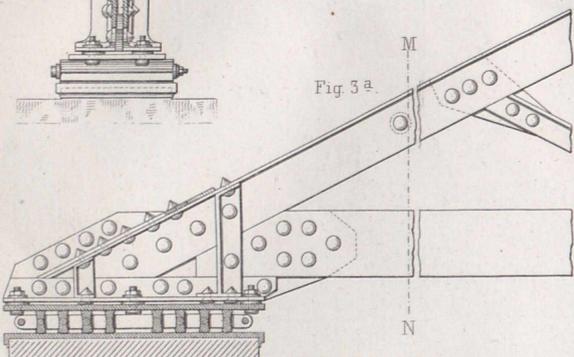
Fig. 3 b. Schnitt bei MN.



Schnitt bei MN.

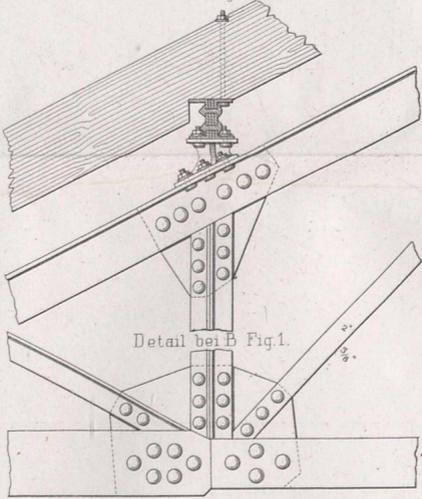
Detail des Auflagers bei A Fig. 1.

Fig. 3 a.



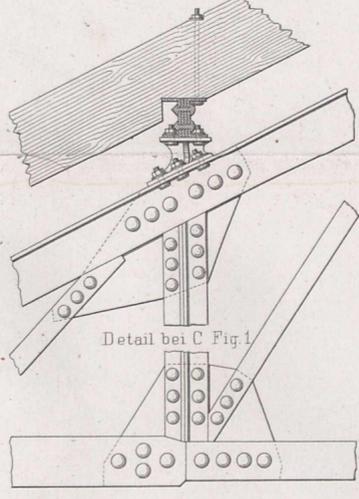
2 Eckeisen a 2 1/2 u. 3/8 stark.

Detail bei D Fig. 1.



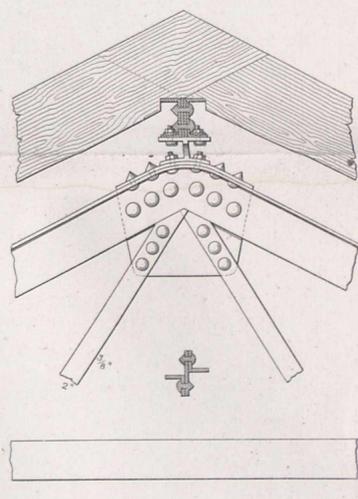
Detail bei B Fig. 1.

Detail bei E Fig. 1.



Detail bei C Fig. 1.

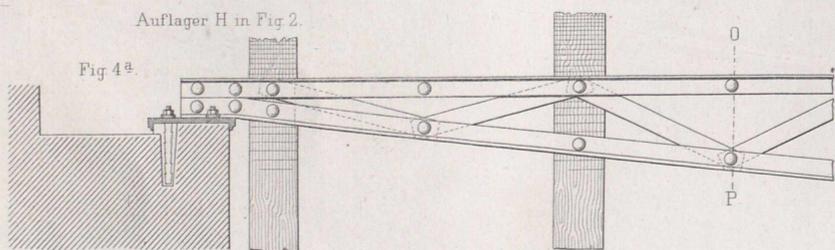
Detail bei F Fig. 1.



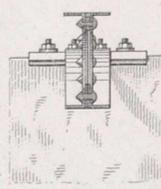
Details der Dachträger.

Auflager H in Fig. 2.

Fig. 4 a.



Schnitt bei OP.



Details der Fellen Fig. 2.

Auflager J in Fig. 2.

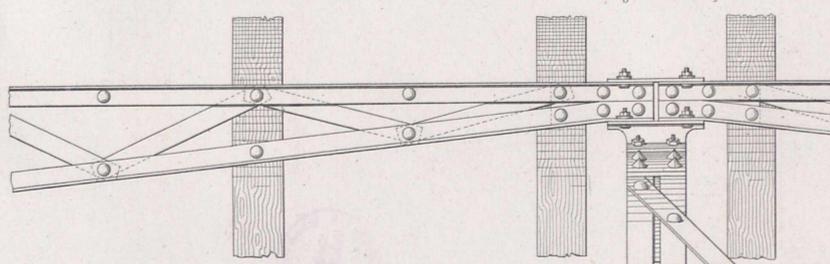
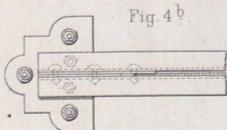
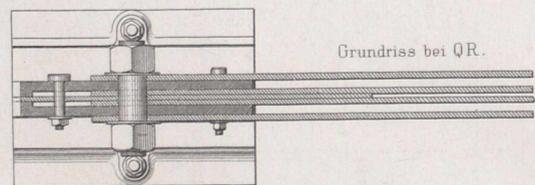


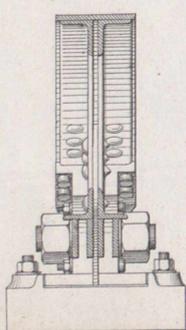
Fig. 4 b.



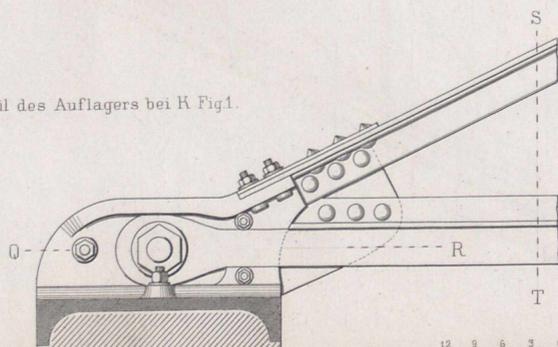
Grundriss bei QR.



Schnitt bei ST.



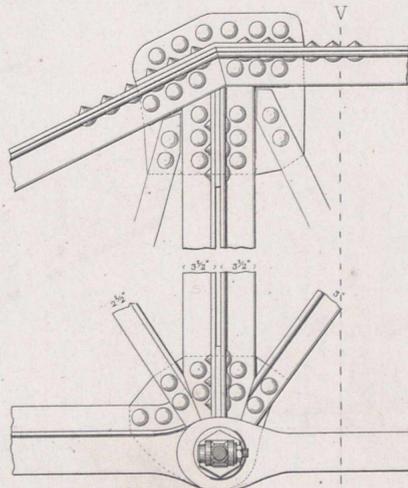
Detail des Auflagers bei K Fig. 1.



Details der Deckenträger.

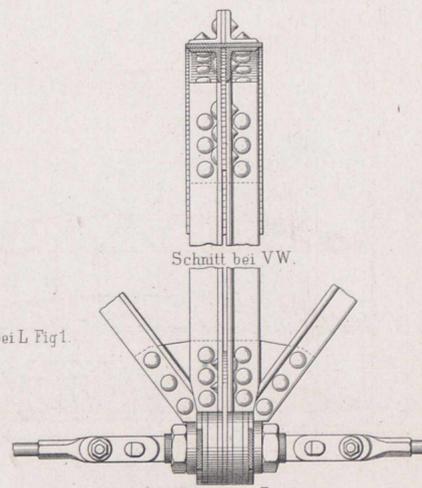


V



W

Schnitt bei VW.



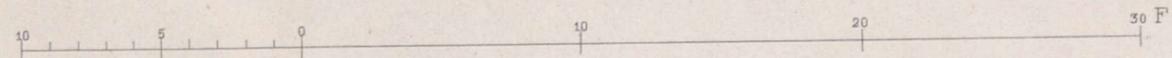
Detail bei L Fig. 1.



Grundriss des Zapfens.



Façade nach dem Bauhof.



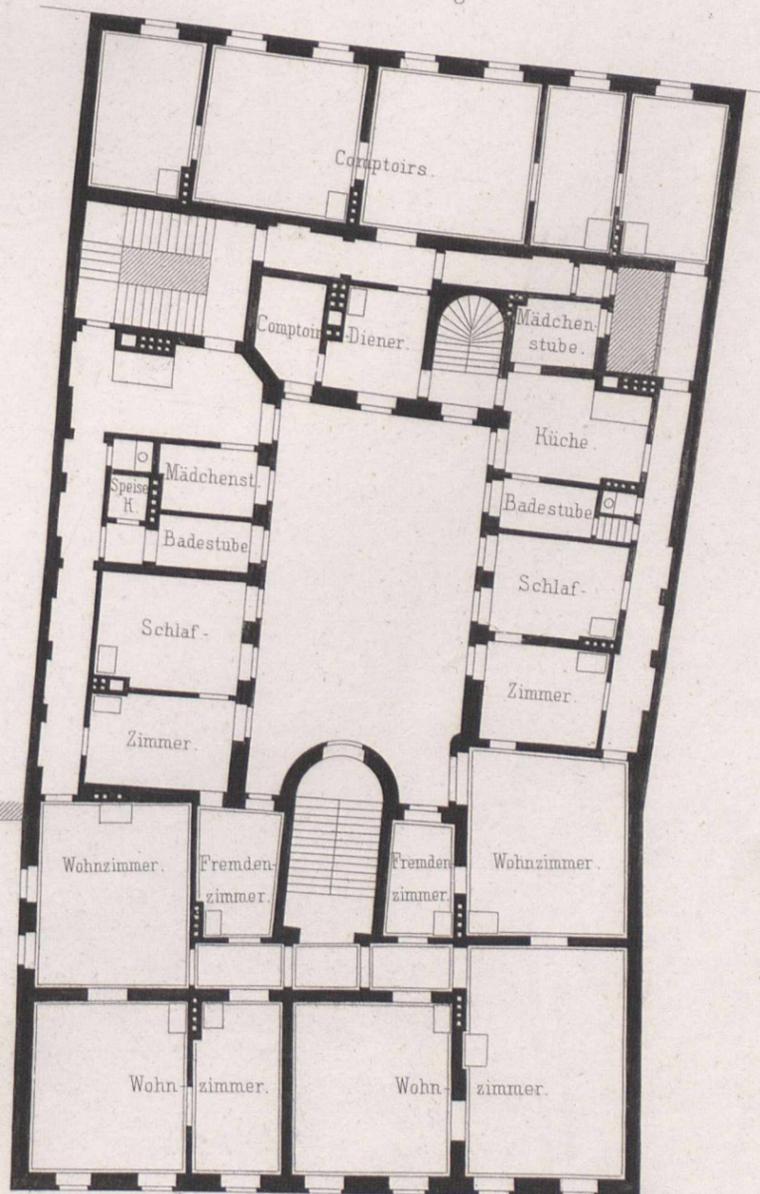
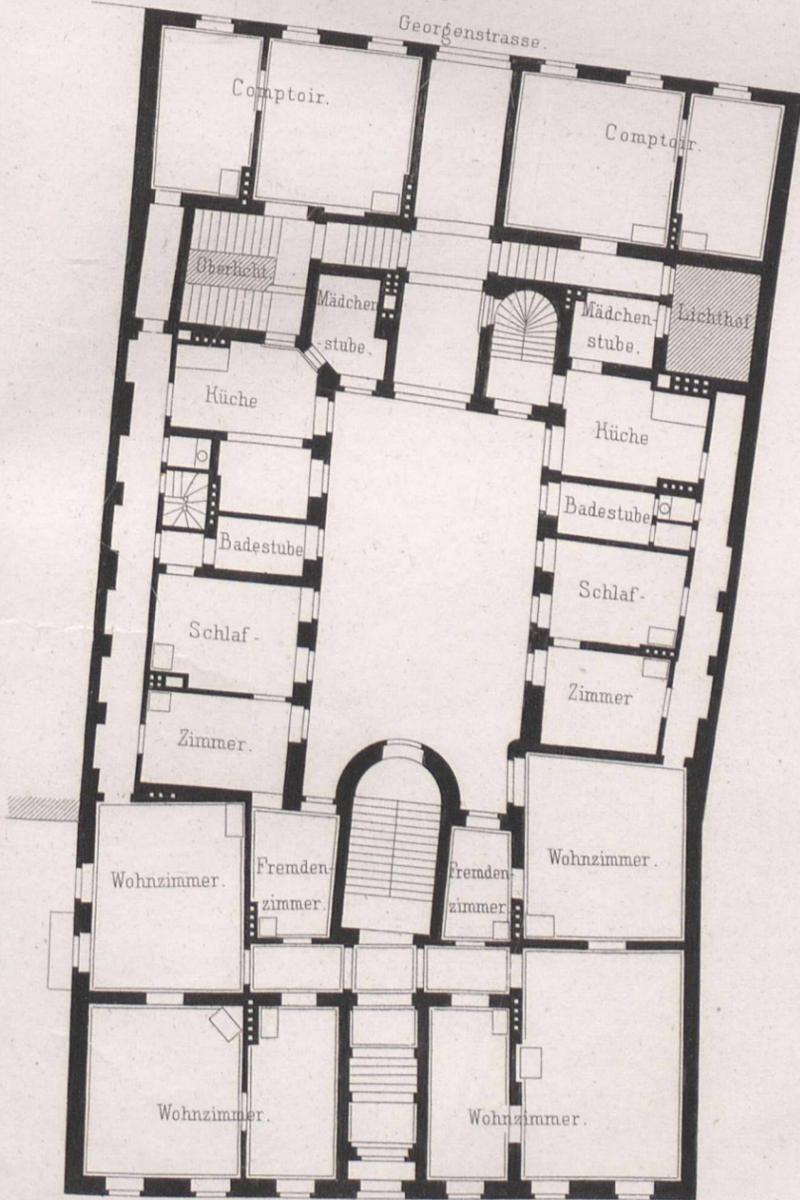


Façade in der Georgenstrasse.

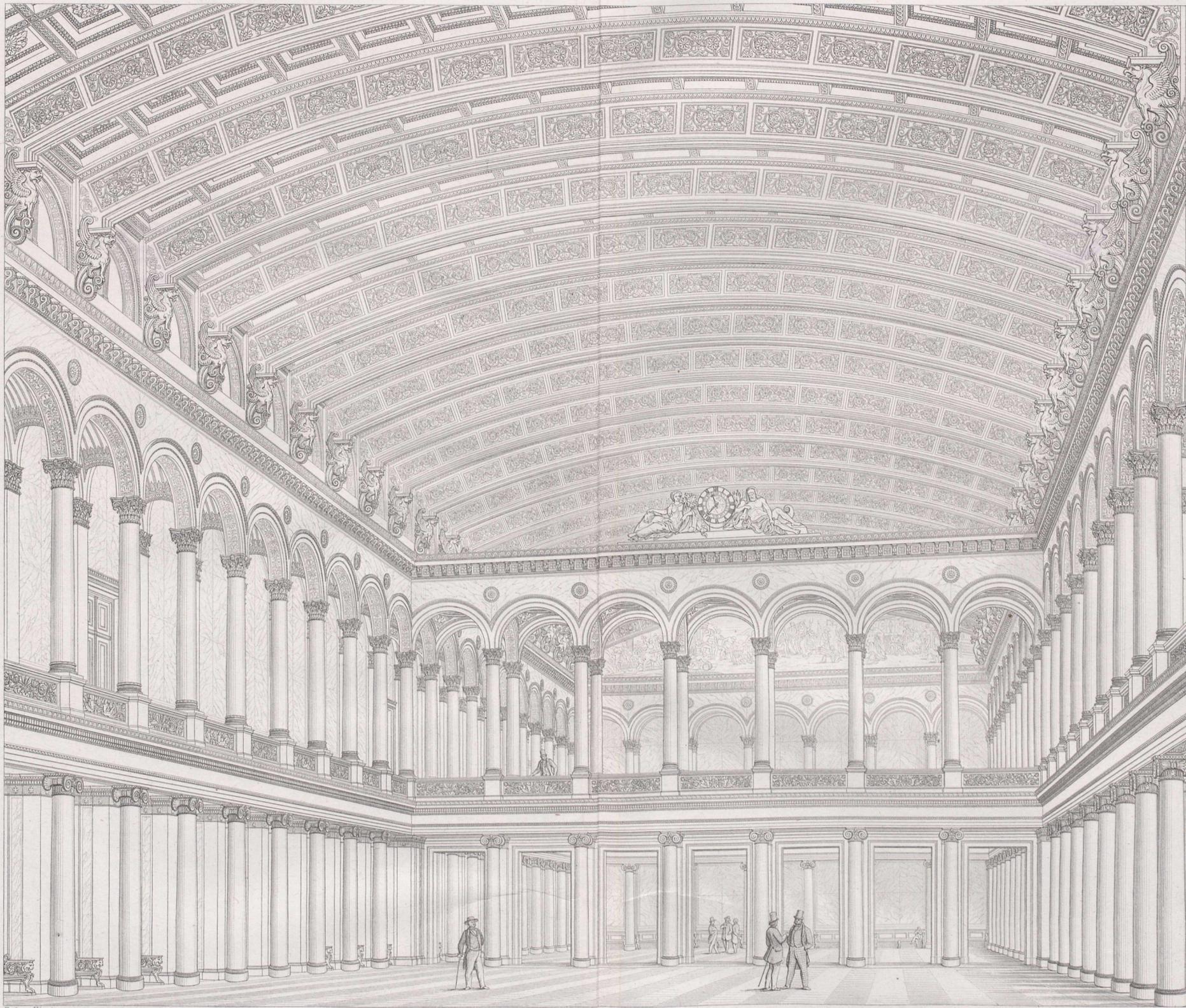
10 5 0 10 20 30 F.

Erdgeschoss.

Bel-Etage.



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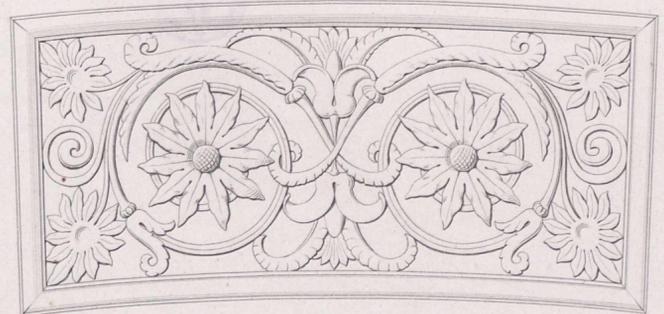
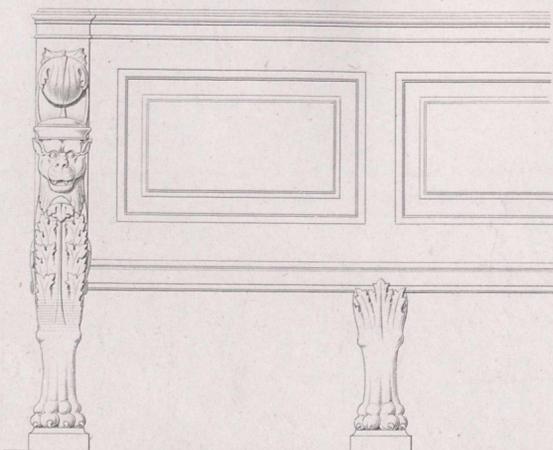
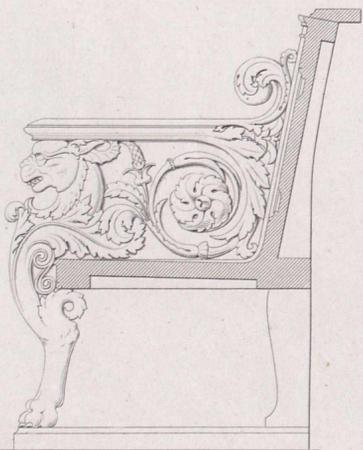
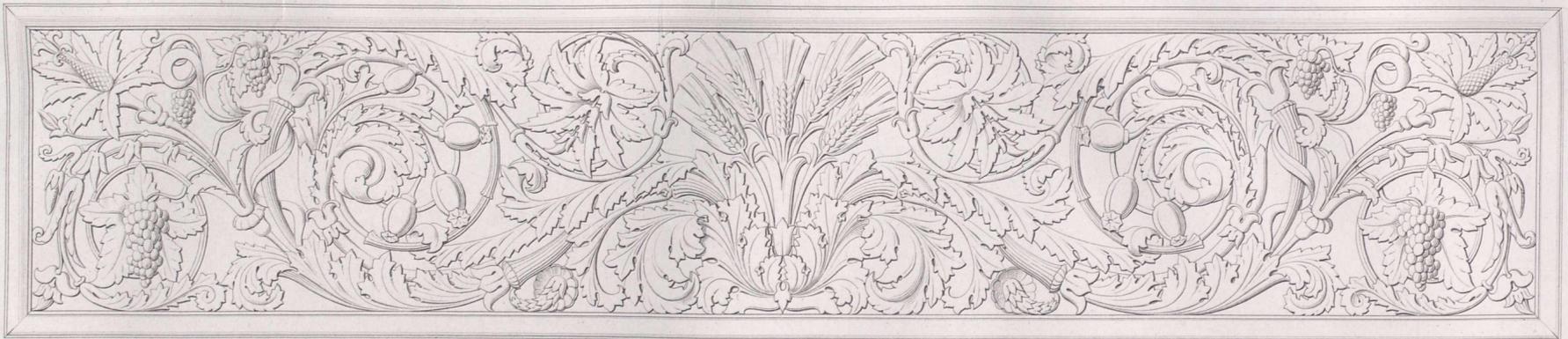
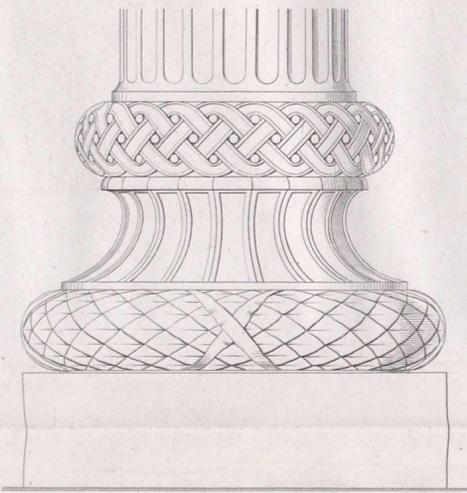
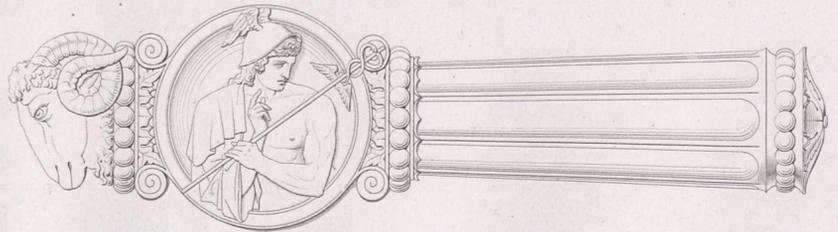
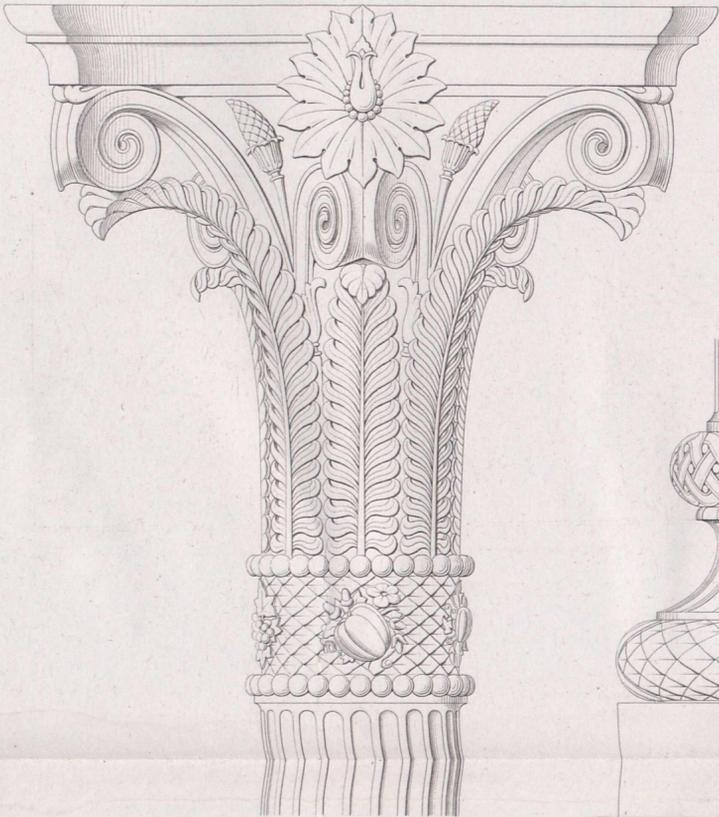
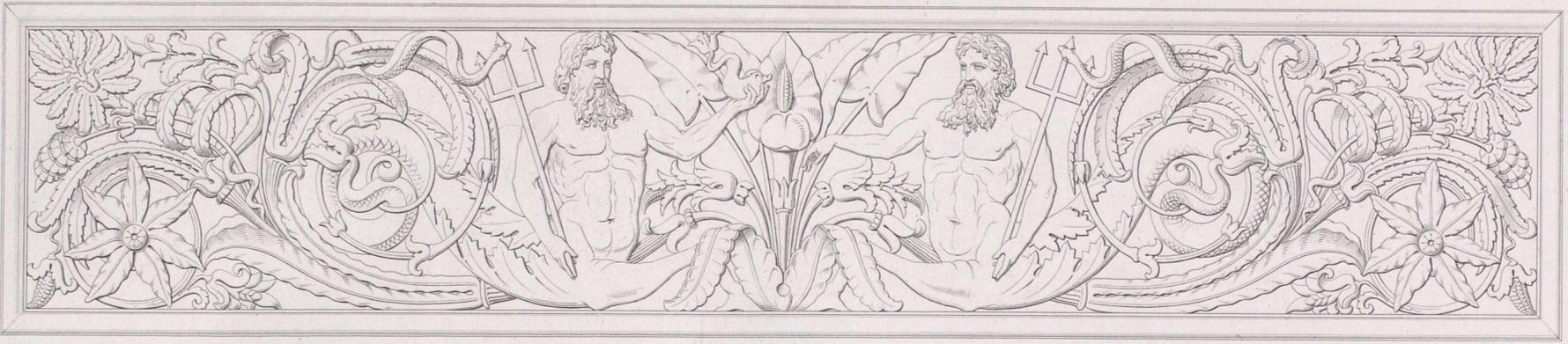


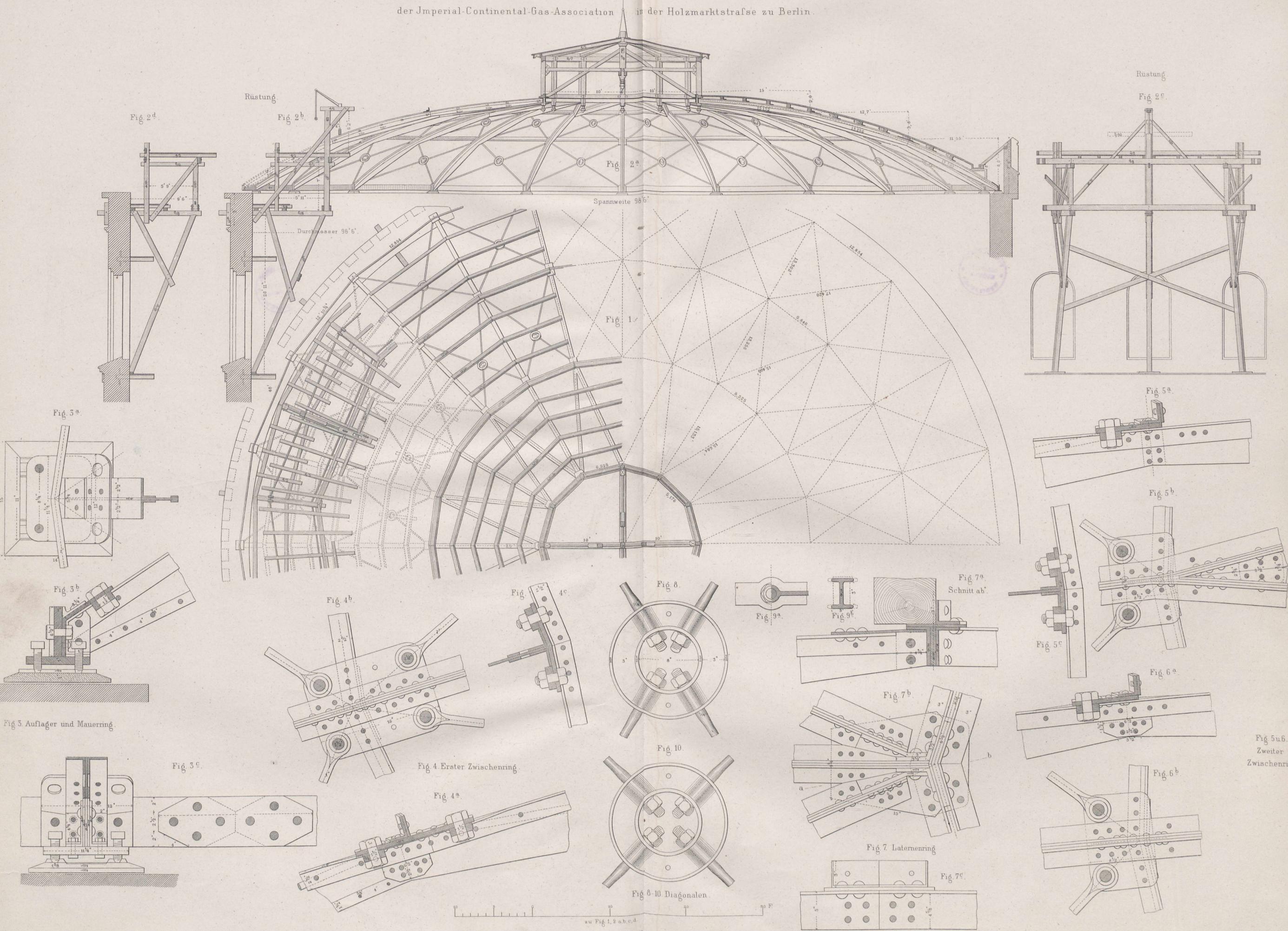
Ent. v. Hitzig

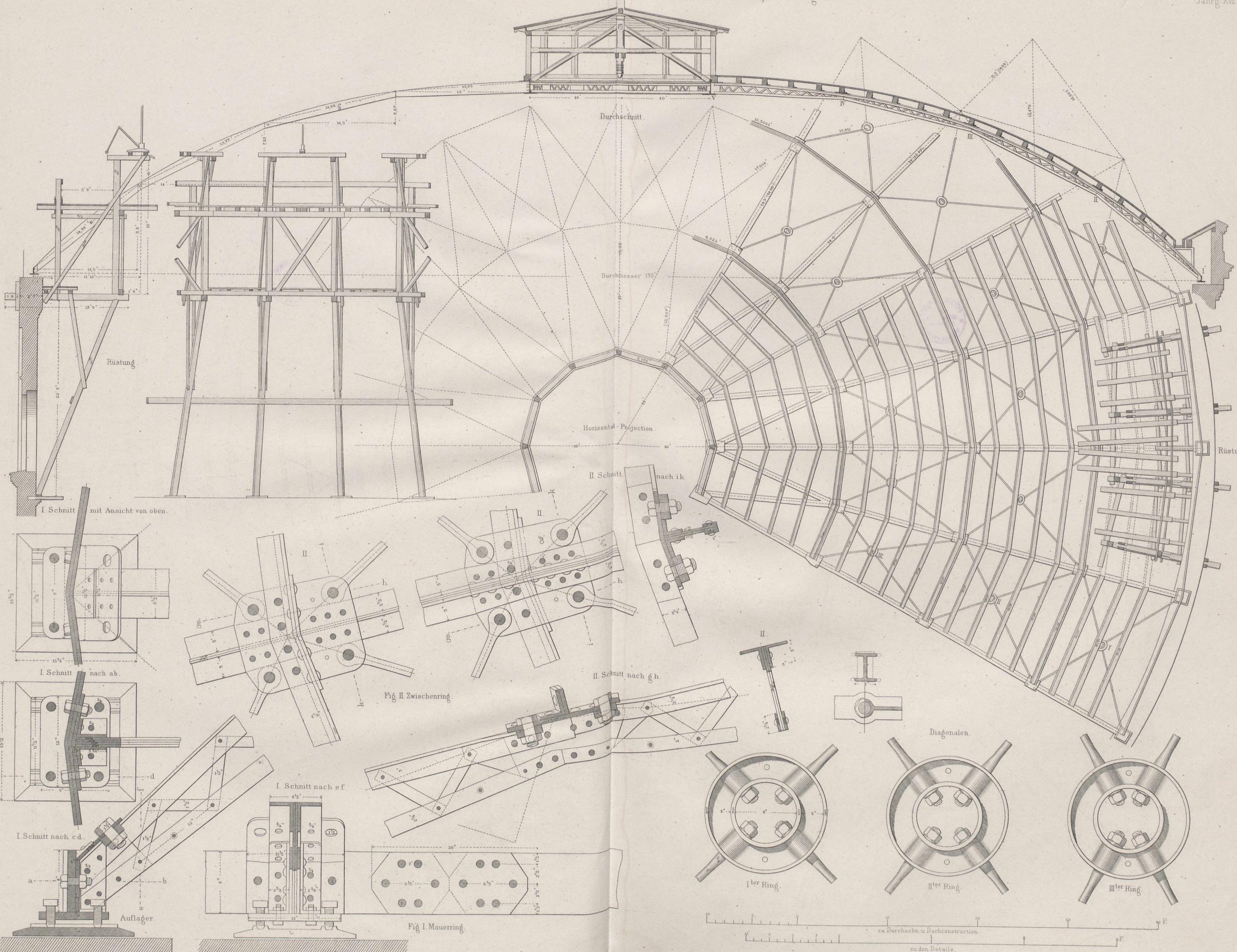
Gest. v. Ritter

Perspectivische Ansicht des Börsensaales.

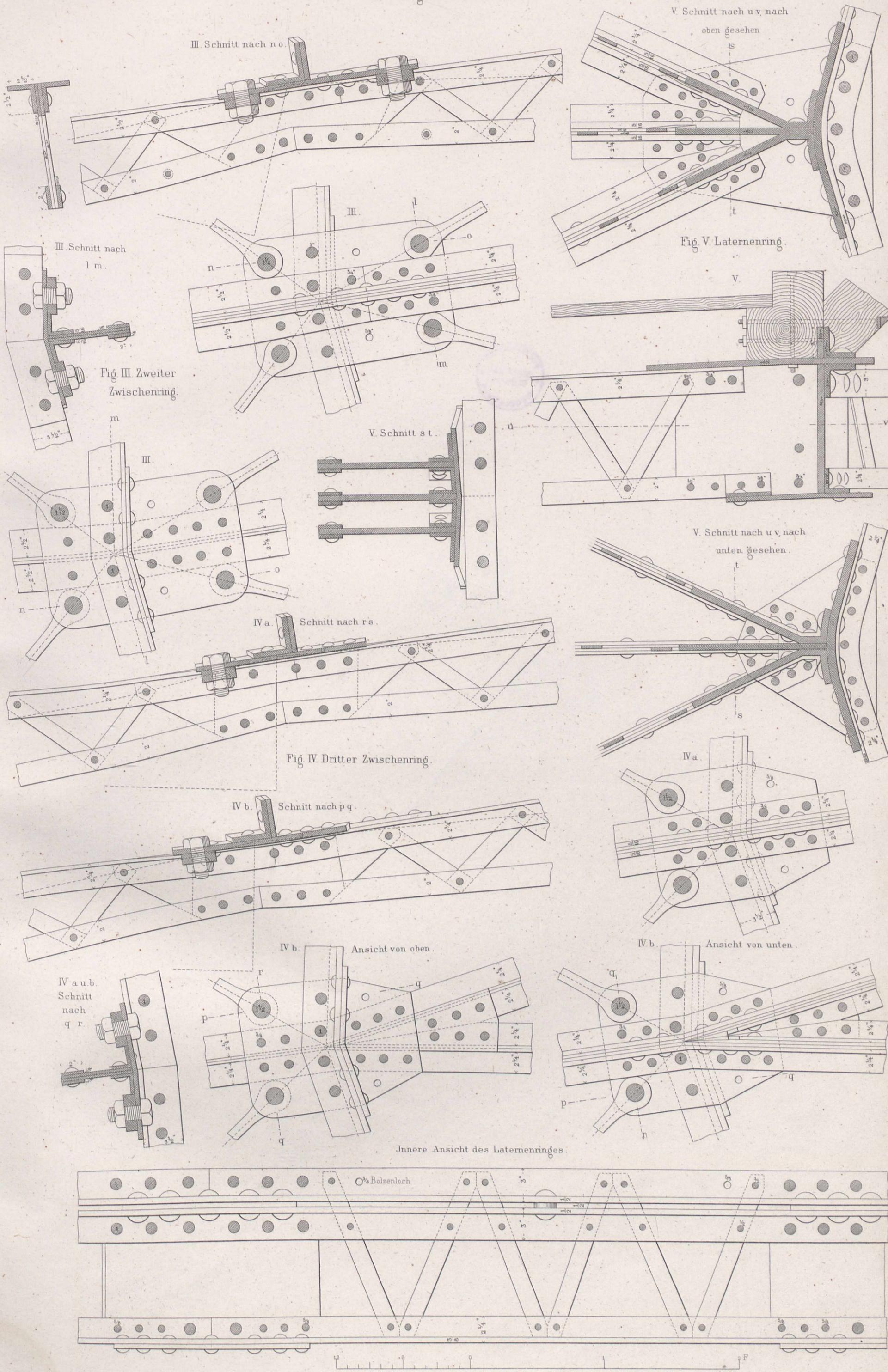
Verlag von Ernst & Korn in Berlin.

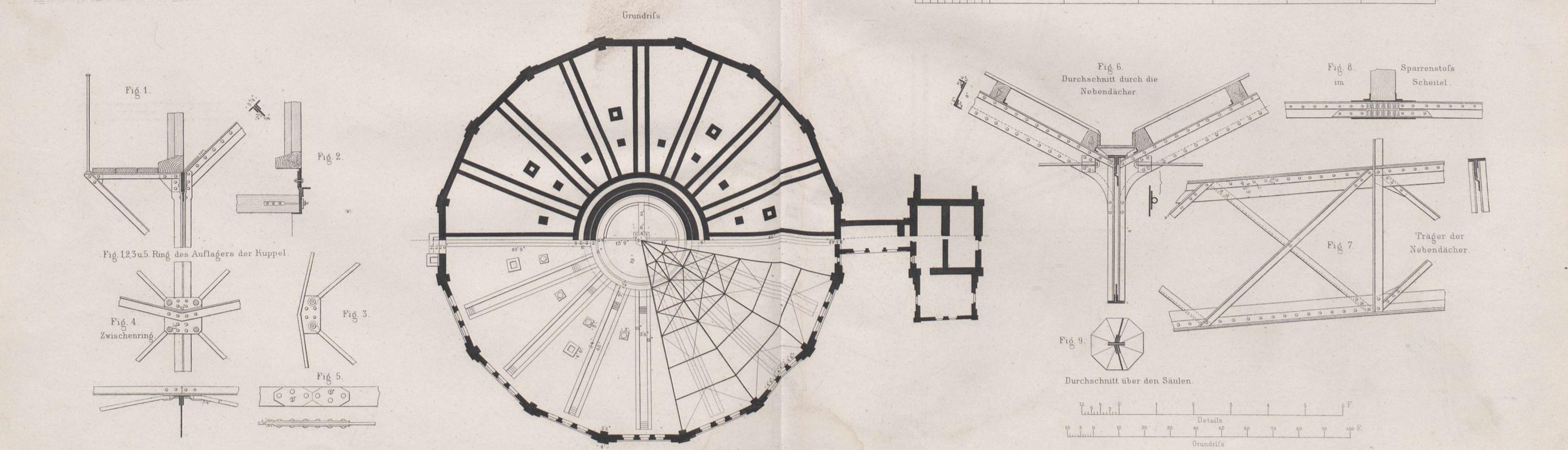
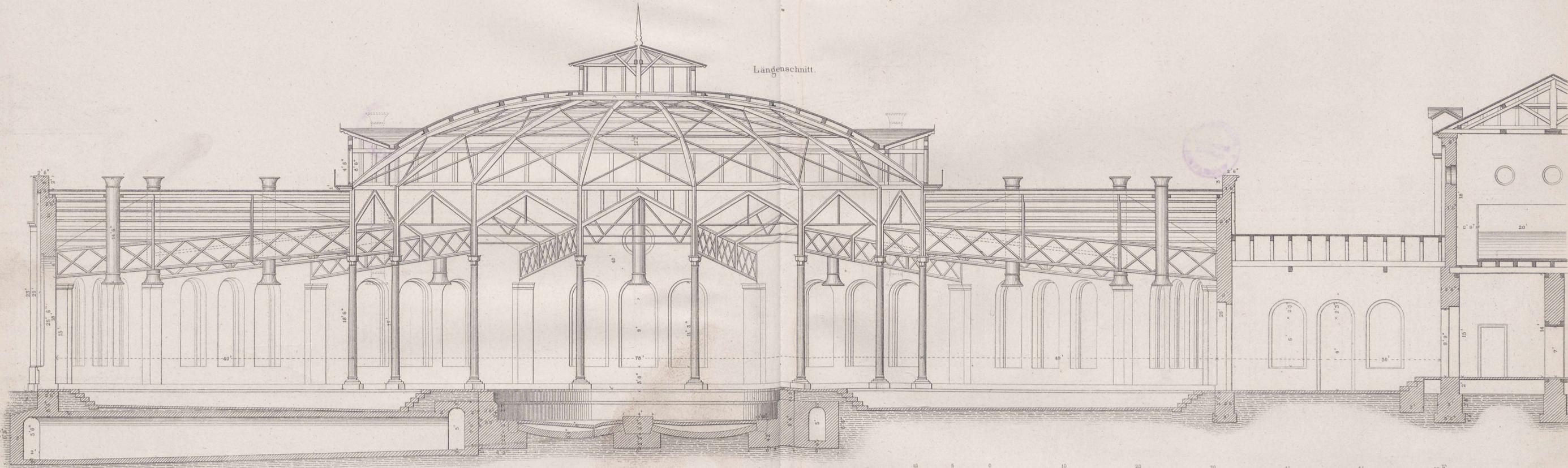
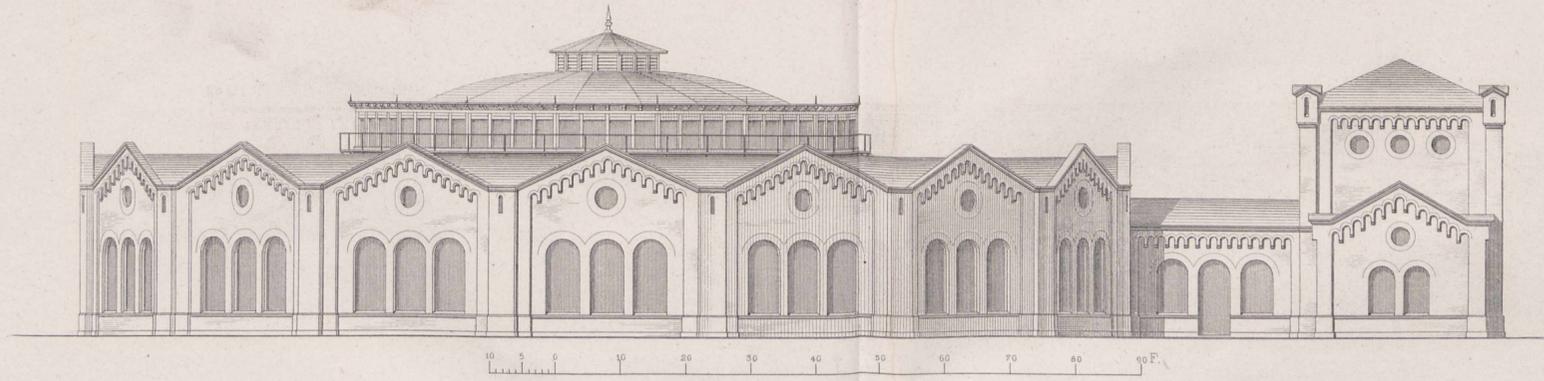






Hellweg N° 9 in Berlin.





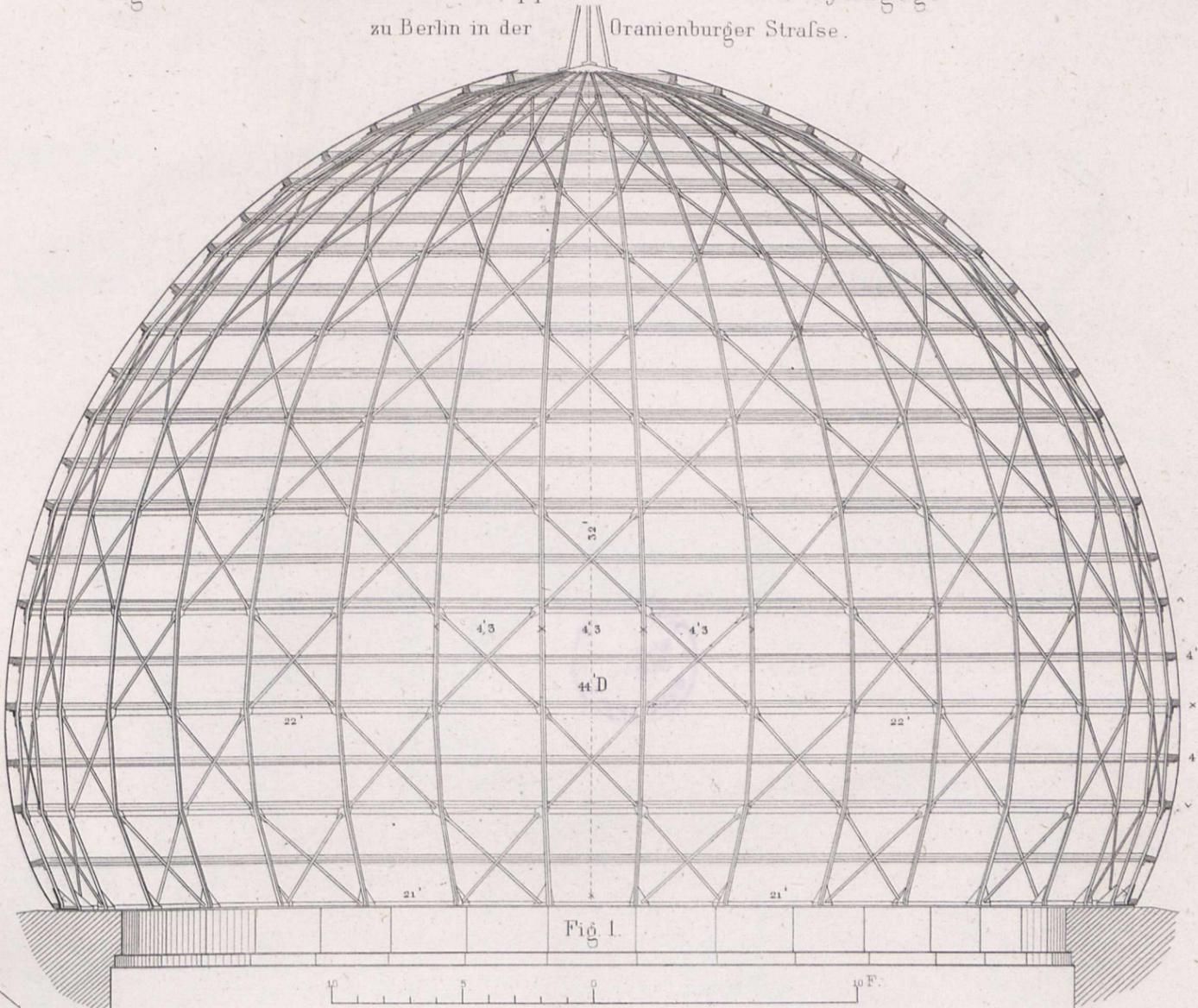


Fig. 7-9. Hebelade zum Aufziehen der Dachconstruction der Gasbehälter-Häuser.

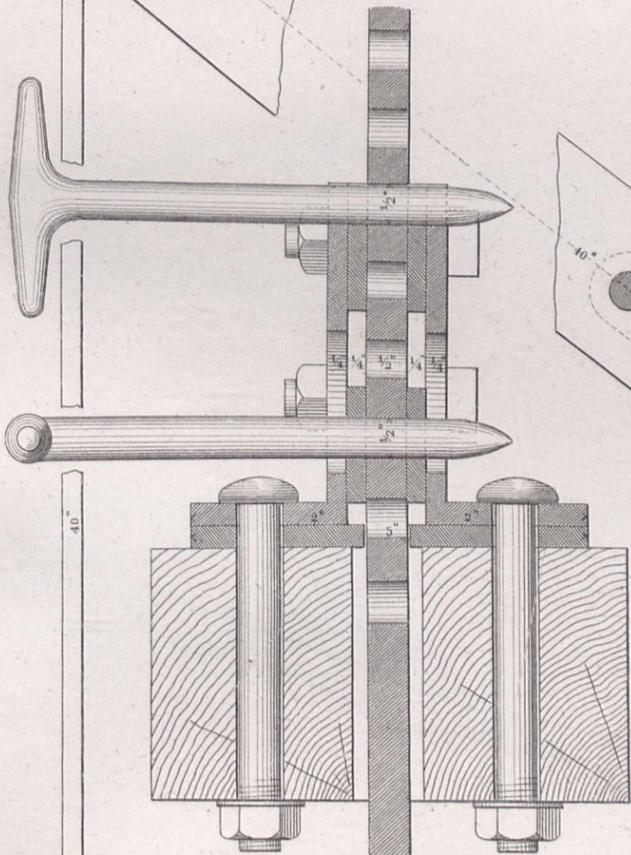
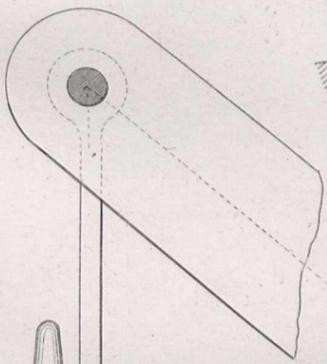


Fig. 8.

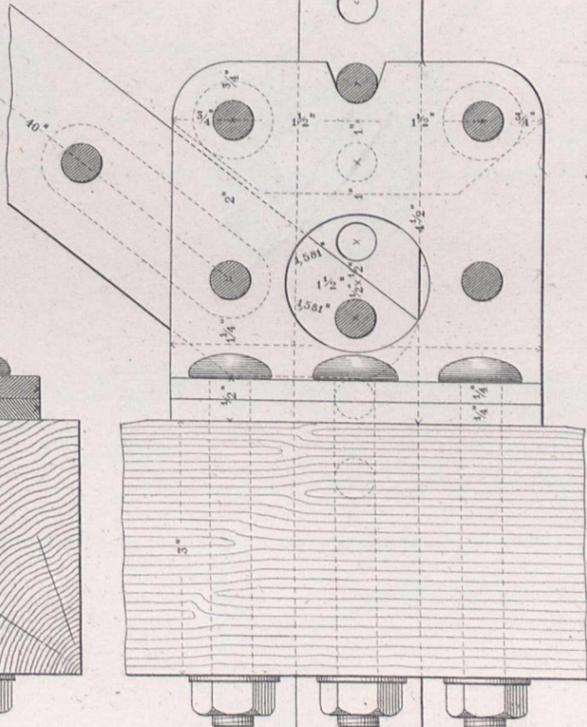


Fig. 9.

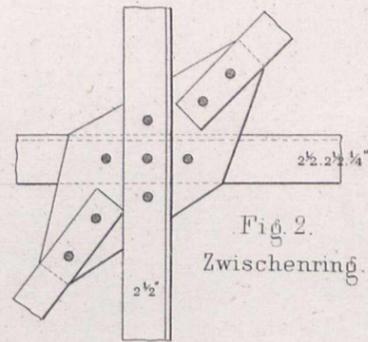


Fig. 2. Zwischenring.

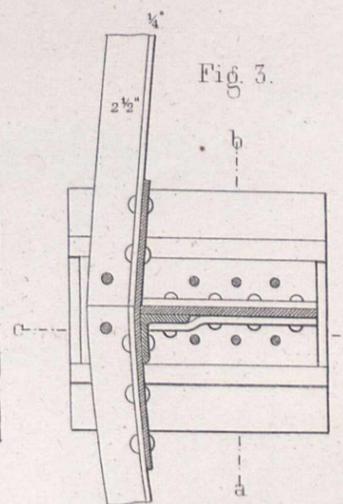


Fig. 3-5. Auflager.

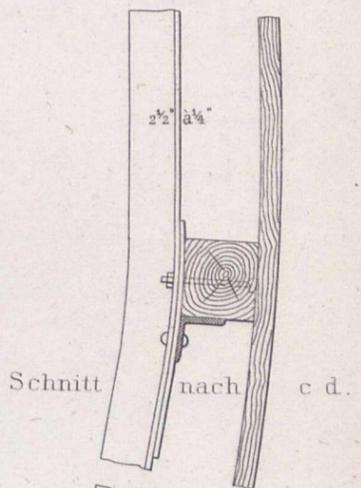


Fig. 4.

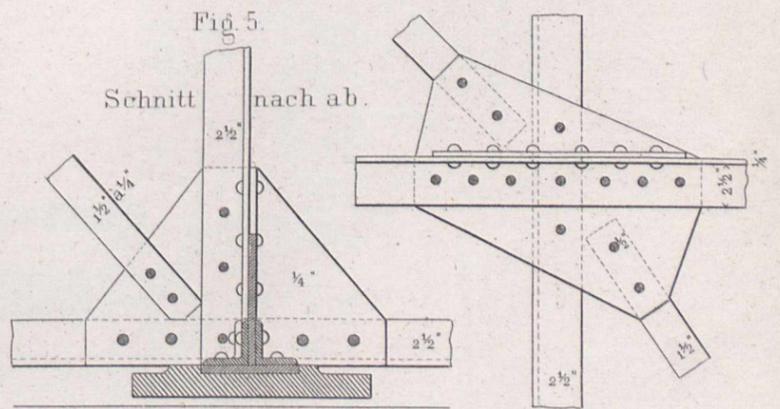
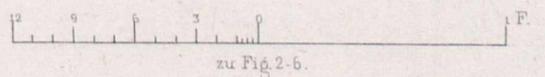
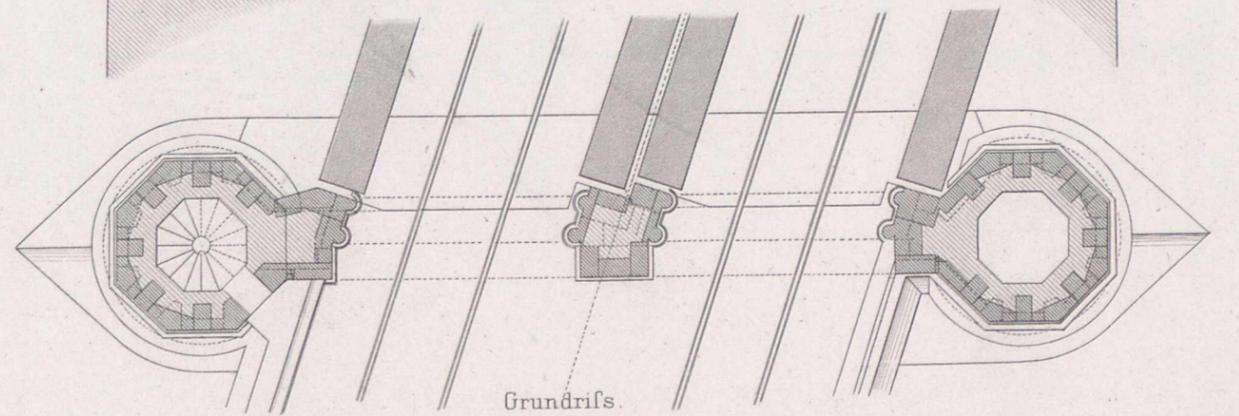
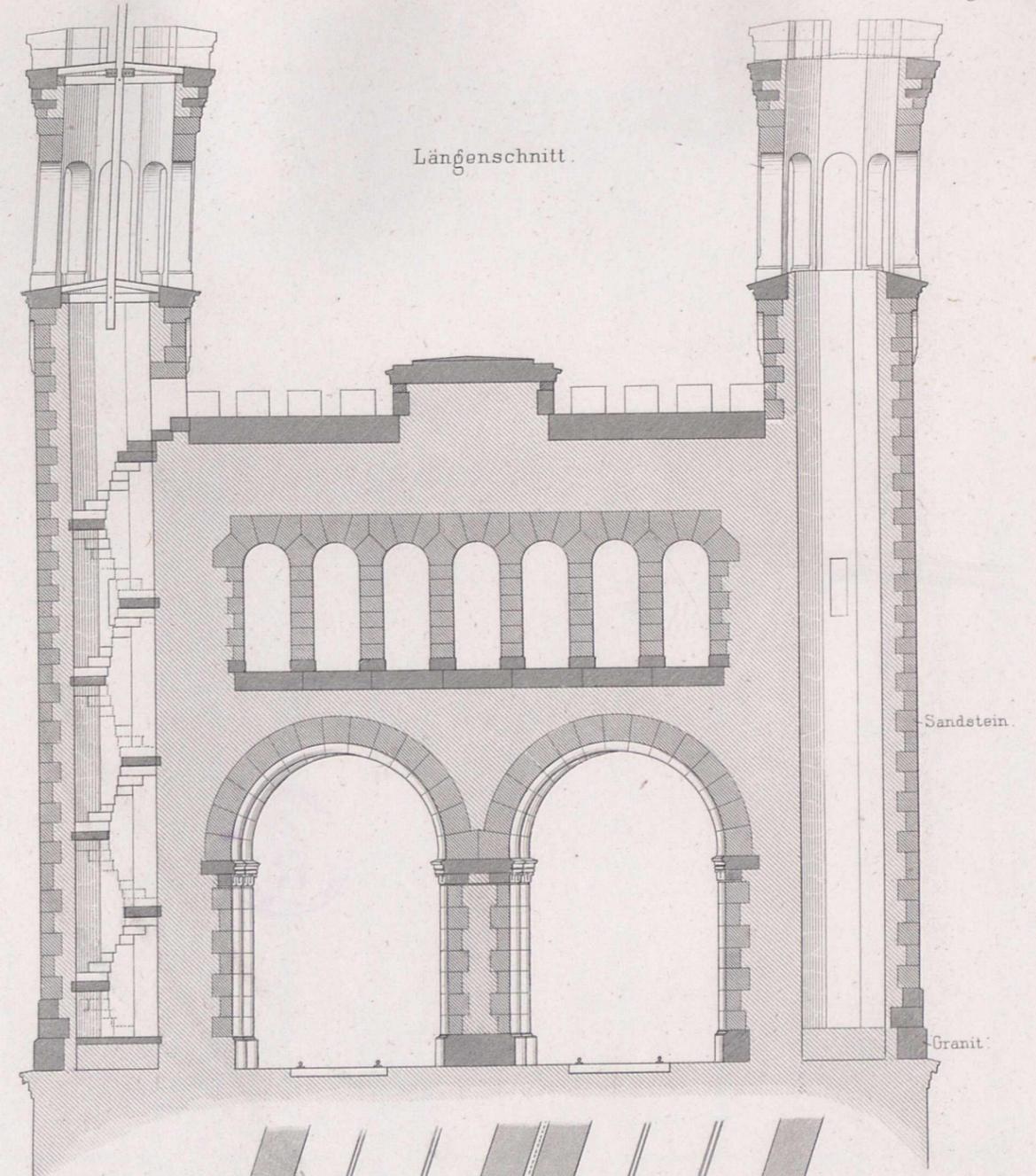
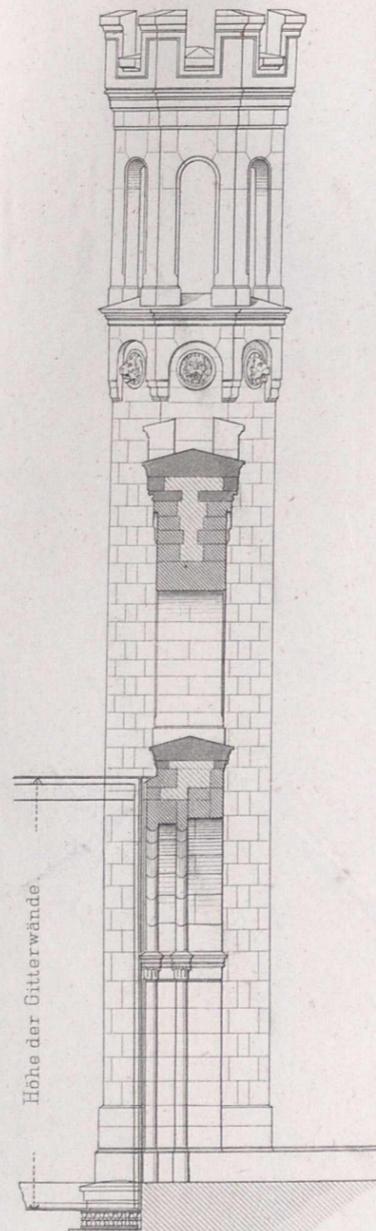
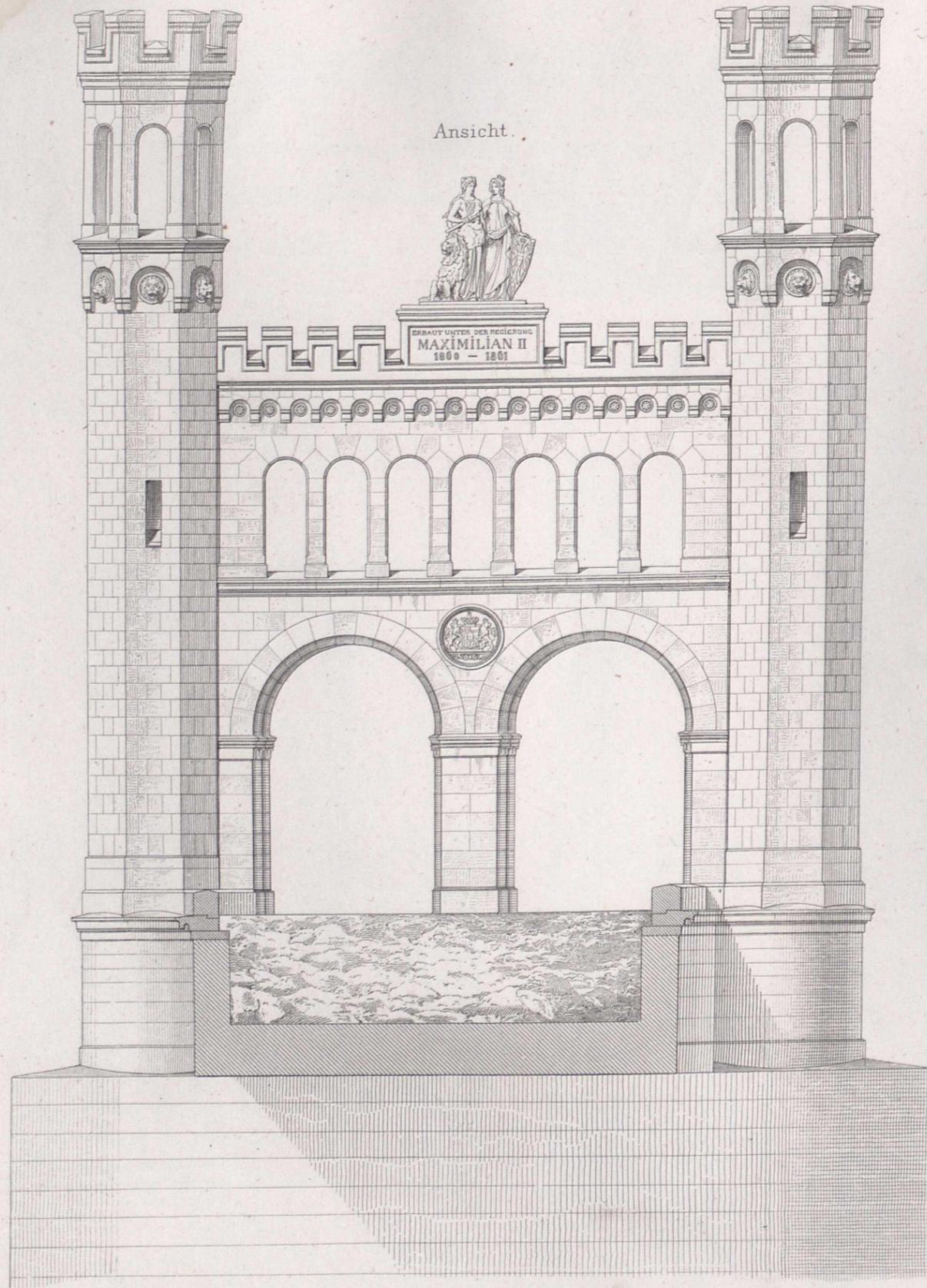


Fig. 6. Stoßverbindung.

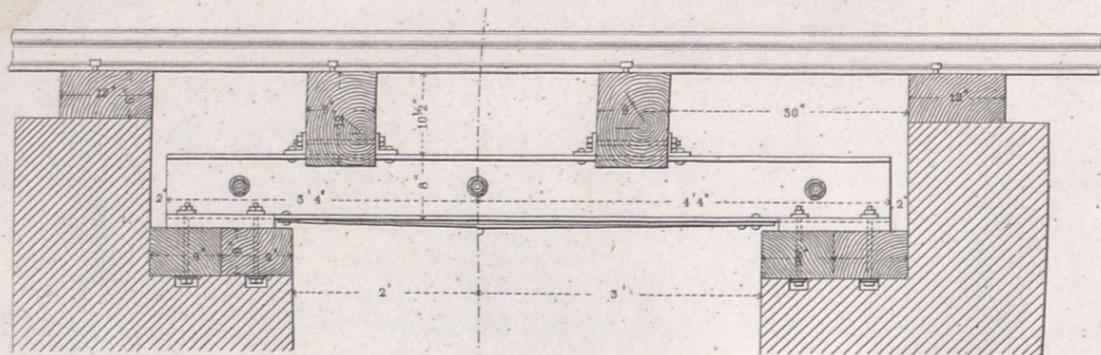




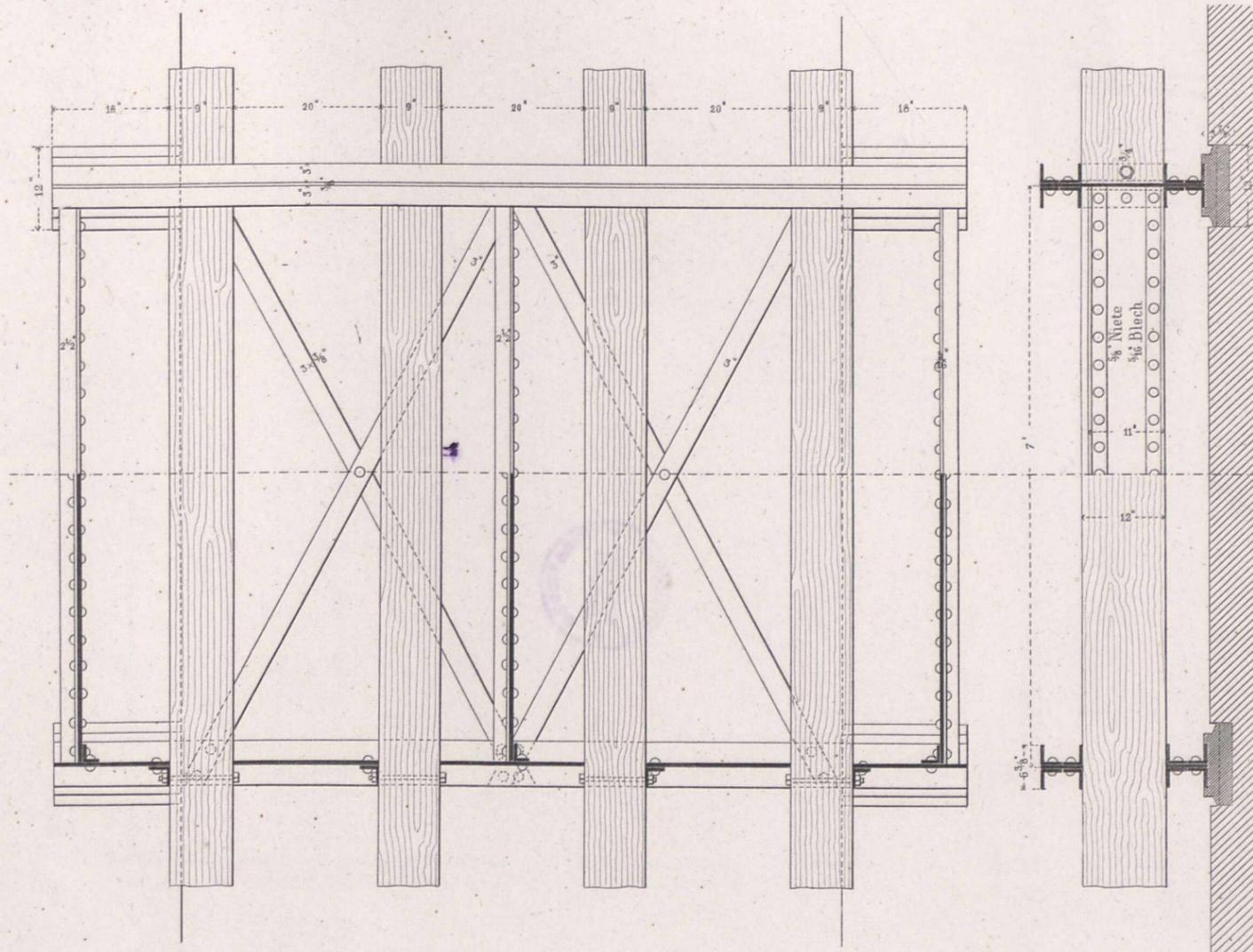
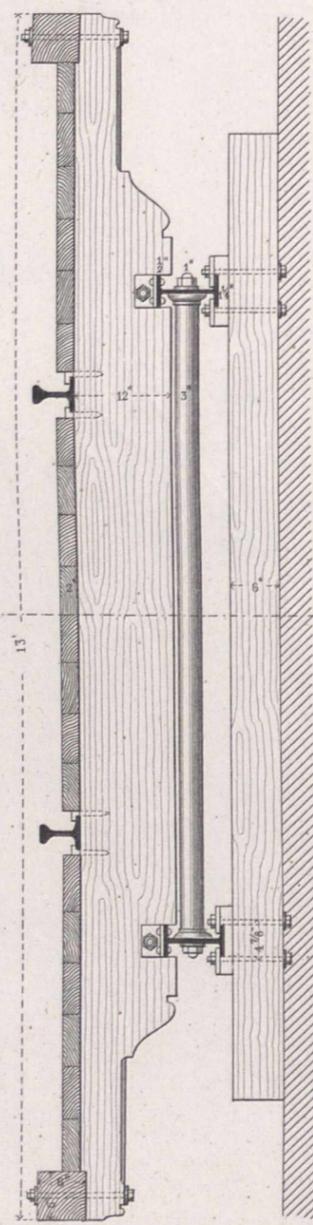
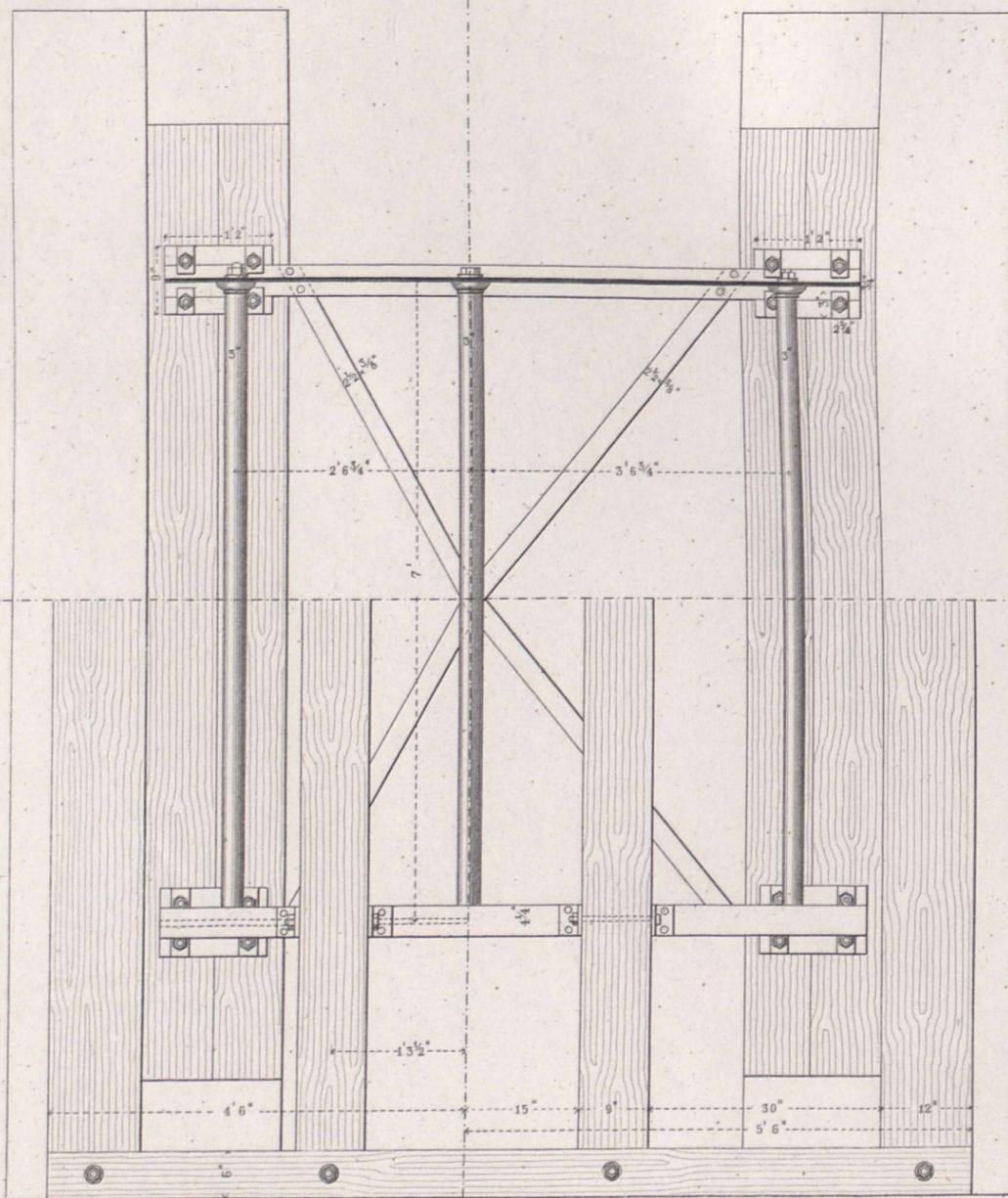
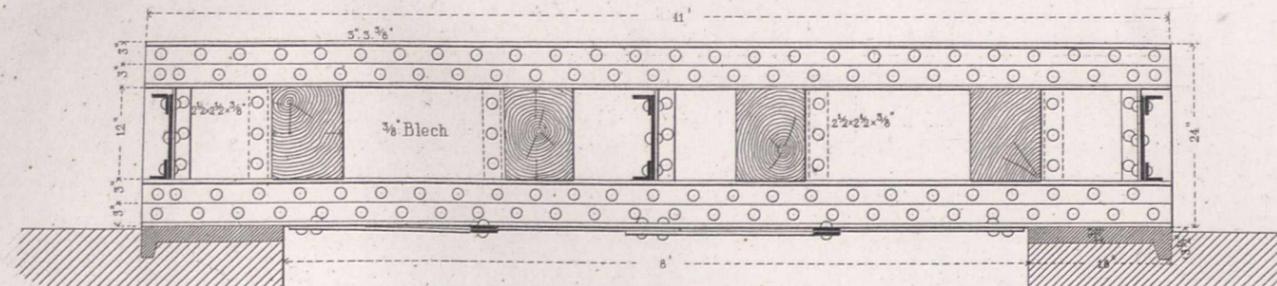
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Ernst & Korn. Berlin.

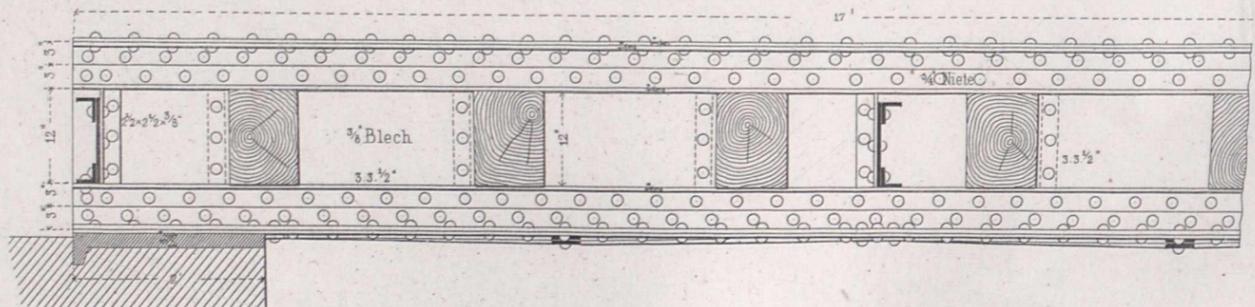
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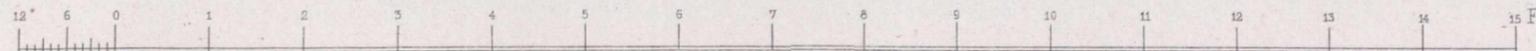
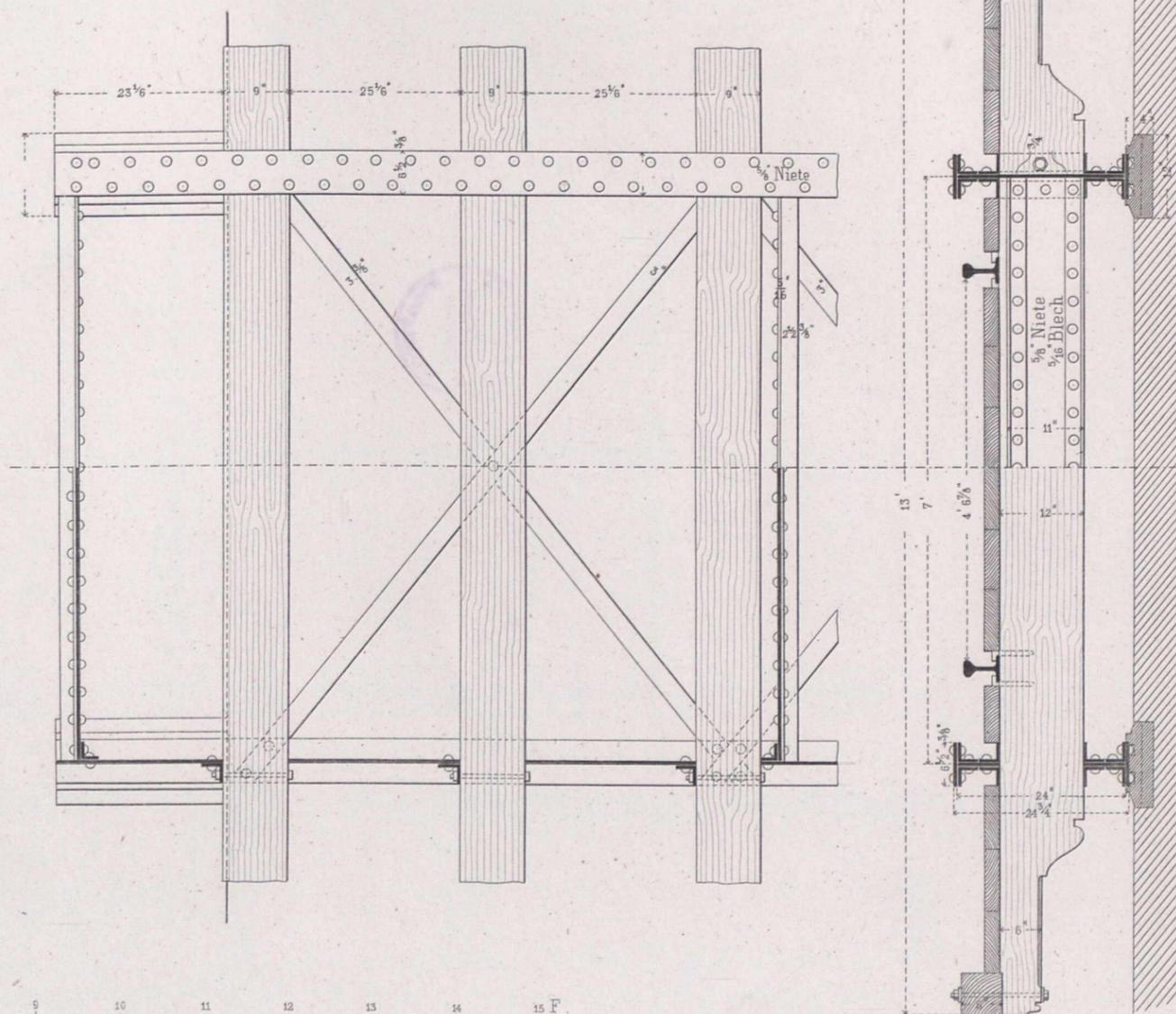
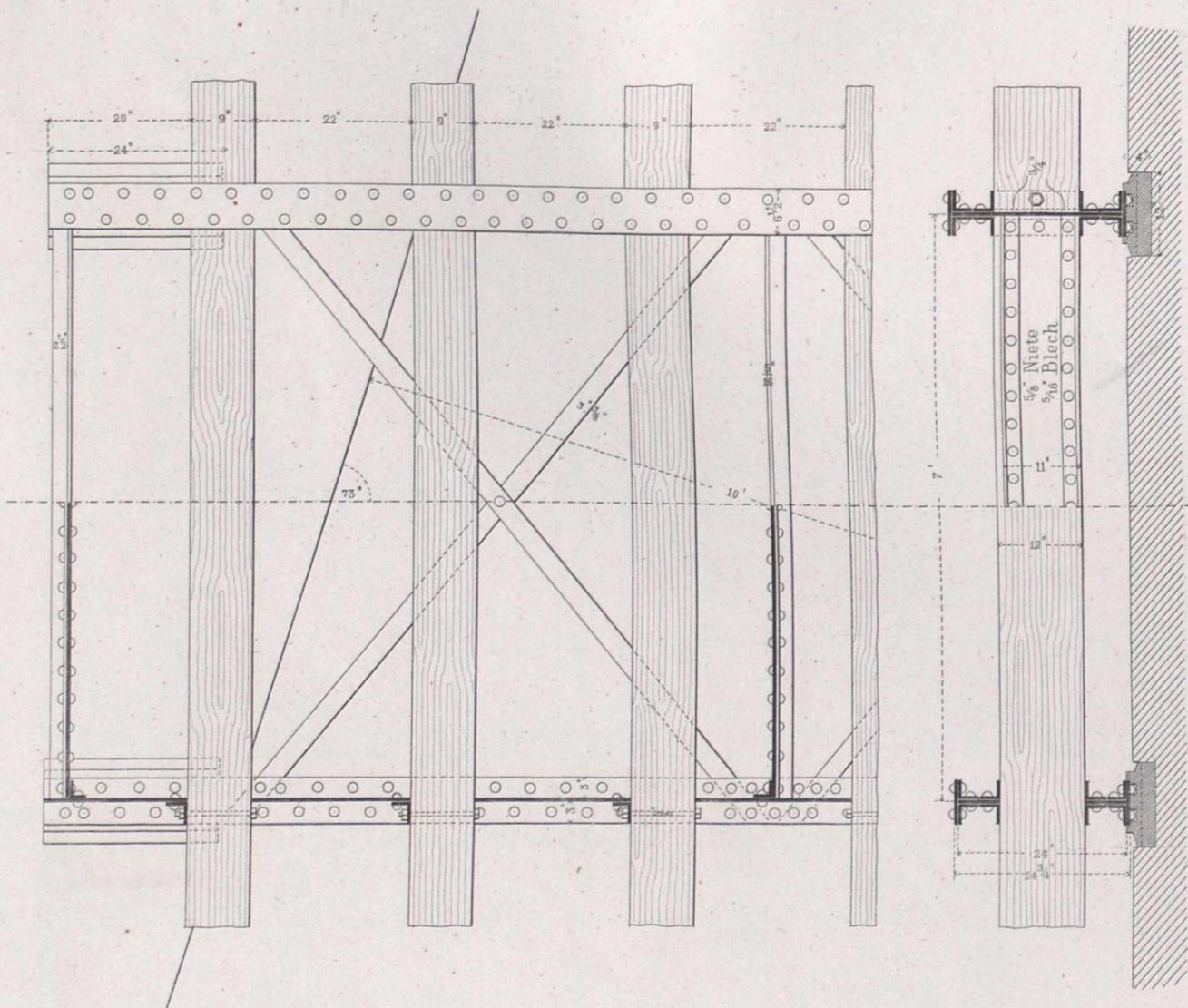
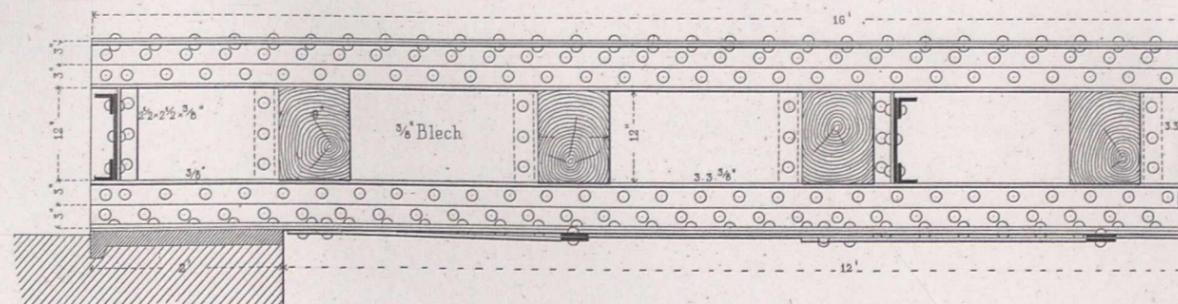
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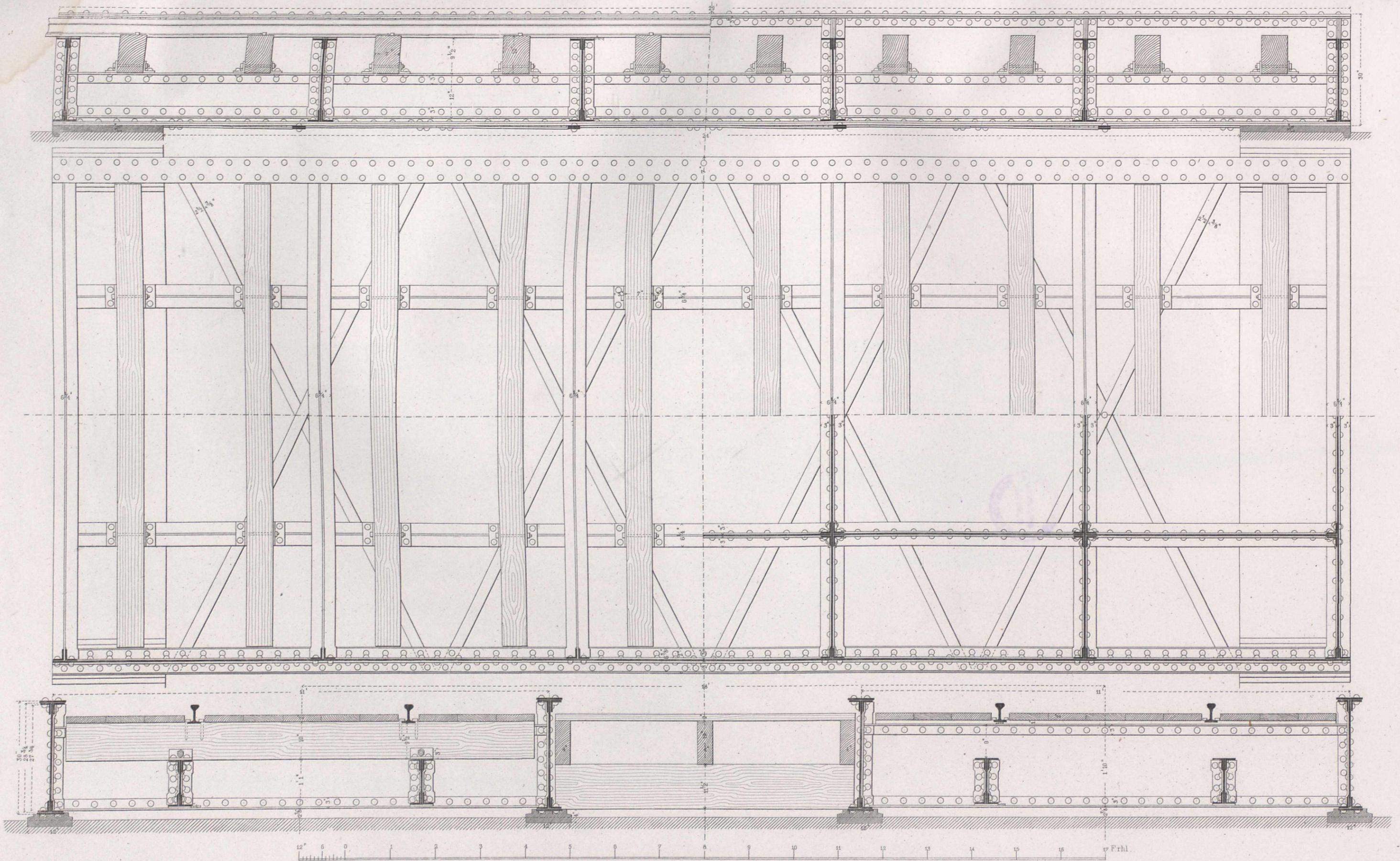


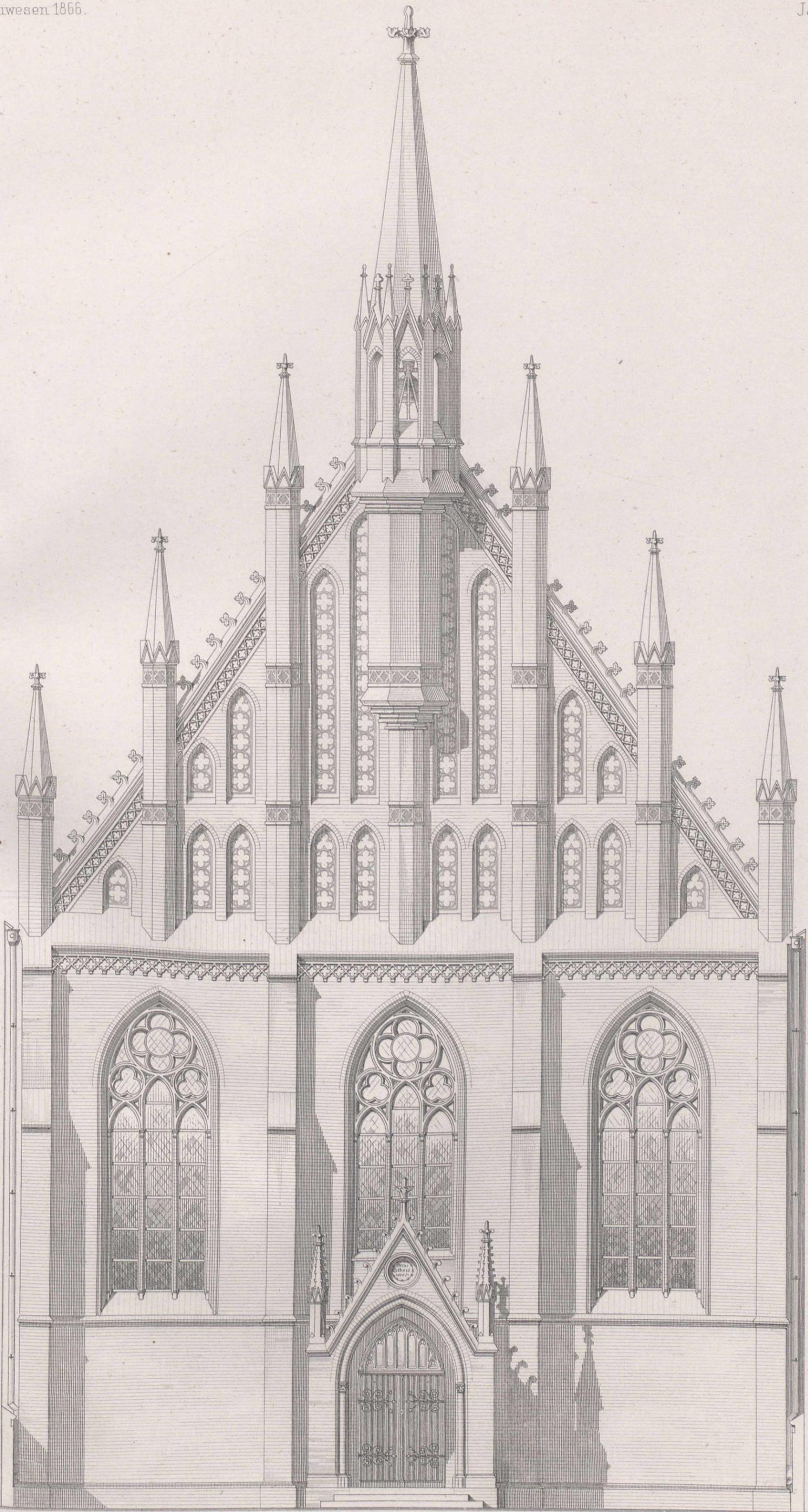
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Brücke von 12 Fuß lichter Weite

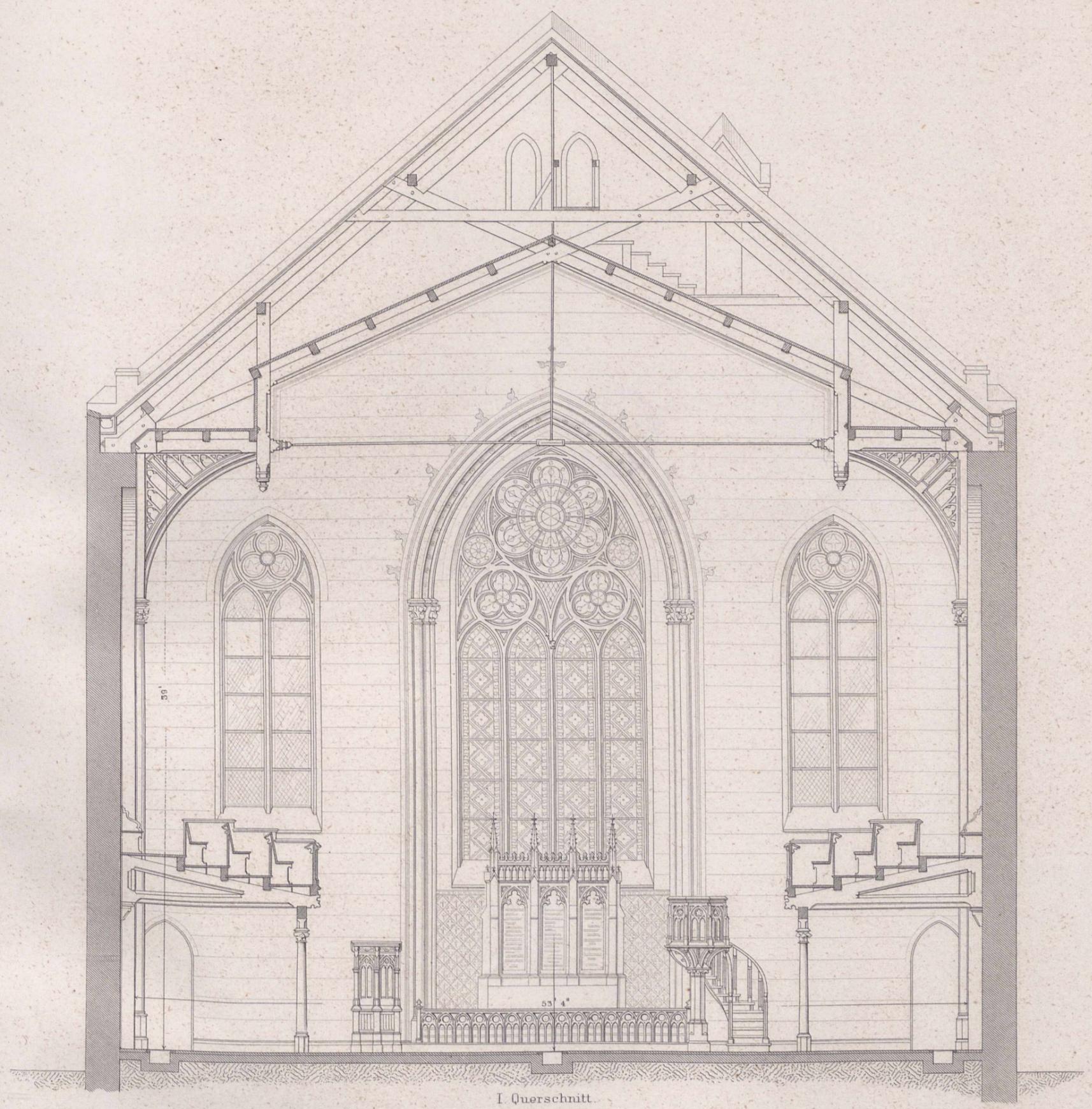




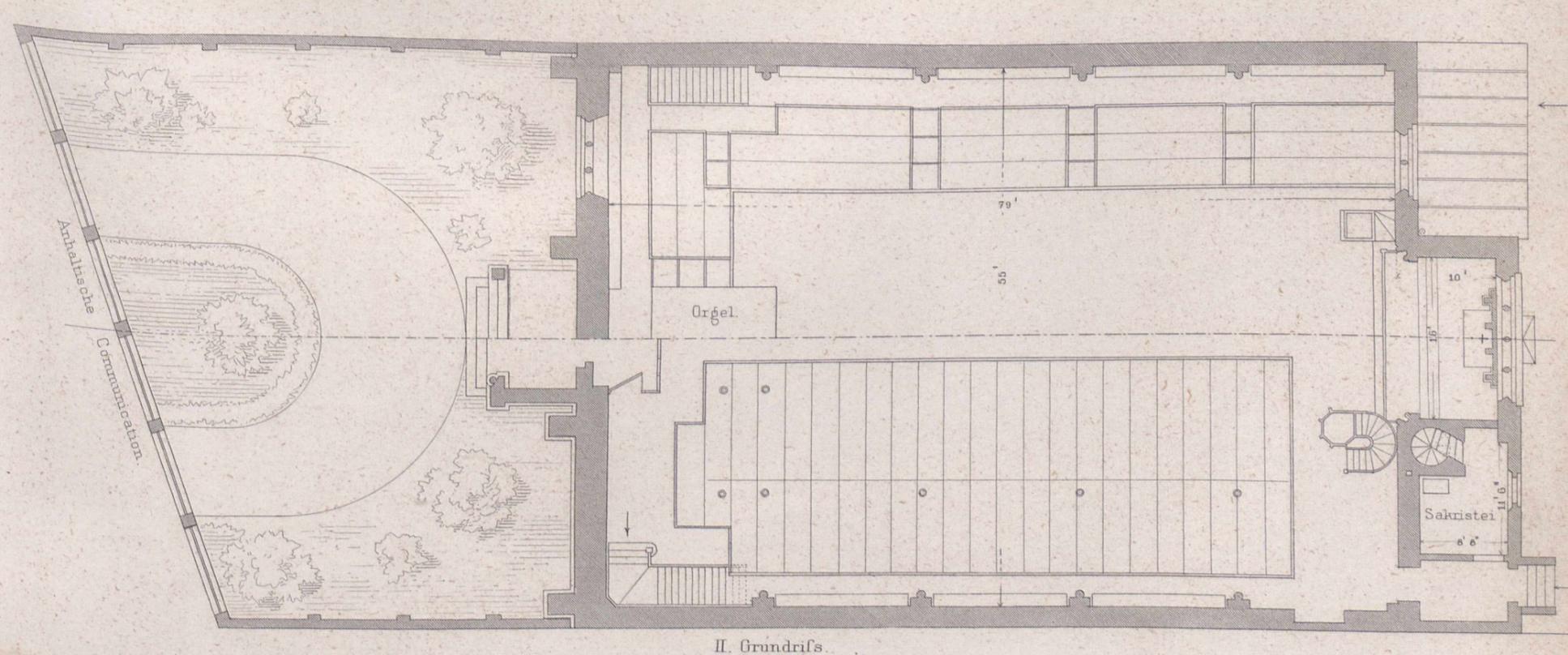


Christus-Kirche in Berlin.

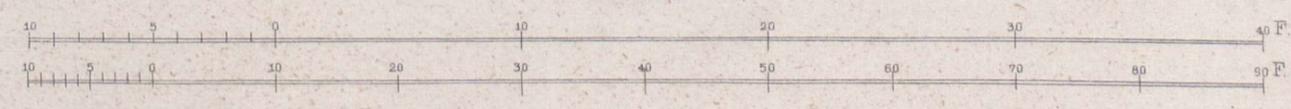
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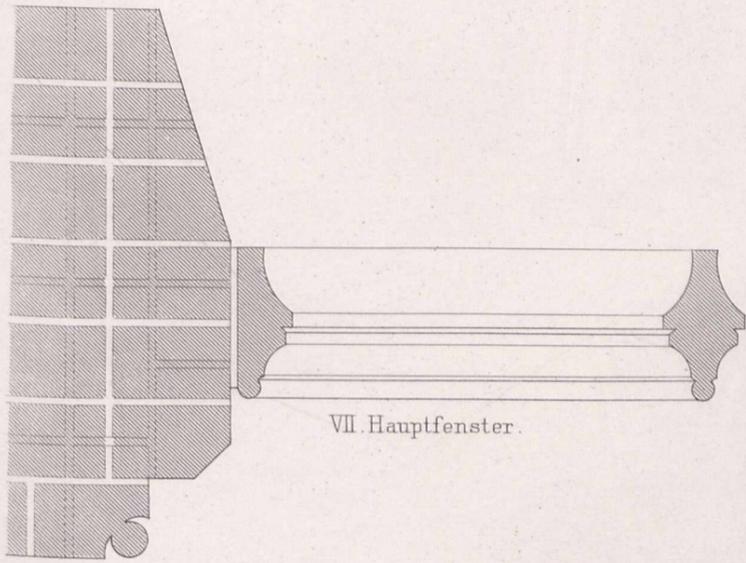


I. Querschnitt.

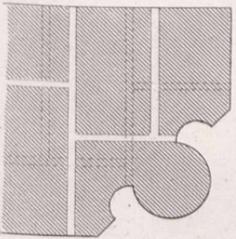
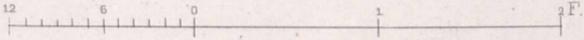


II. Grundriss.

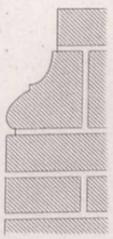




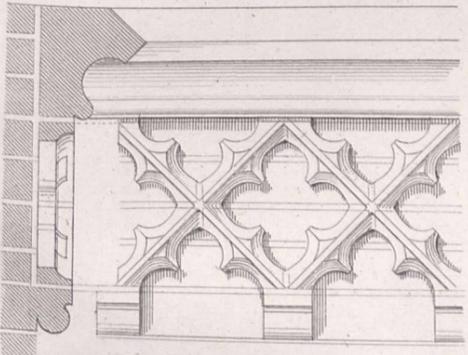
VII. Hauptfenster.



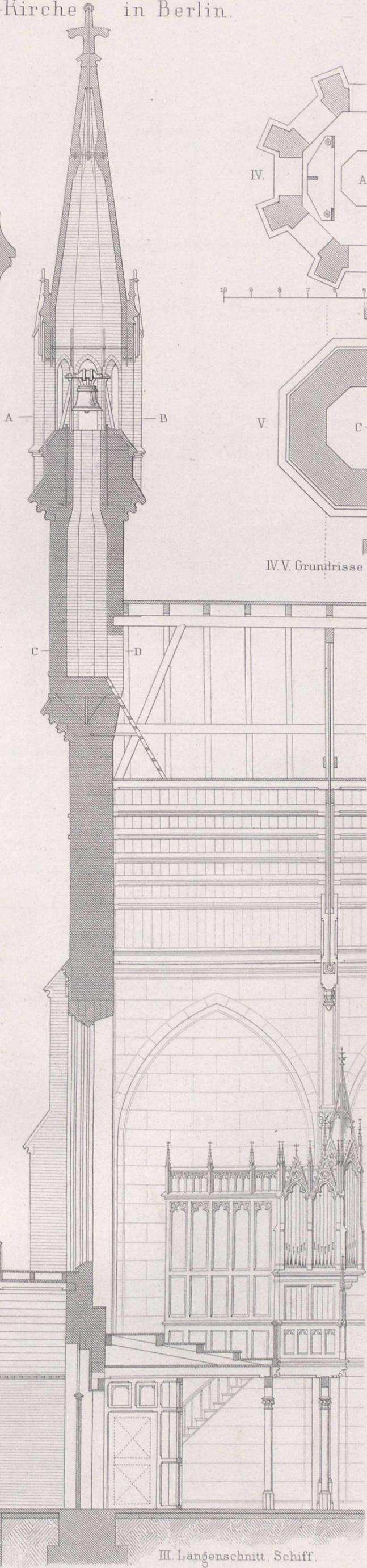
VIII. Hauptthür.



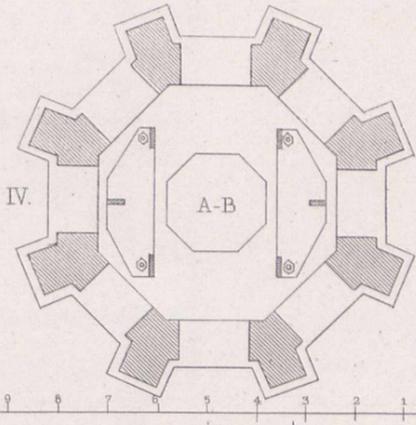
IX. Sockel.



X. Gitter-Fries.

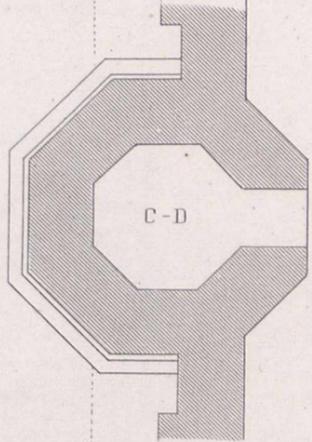


III. Längenschnitt. Schiff.



IV.

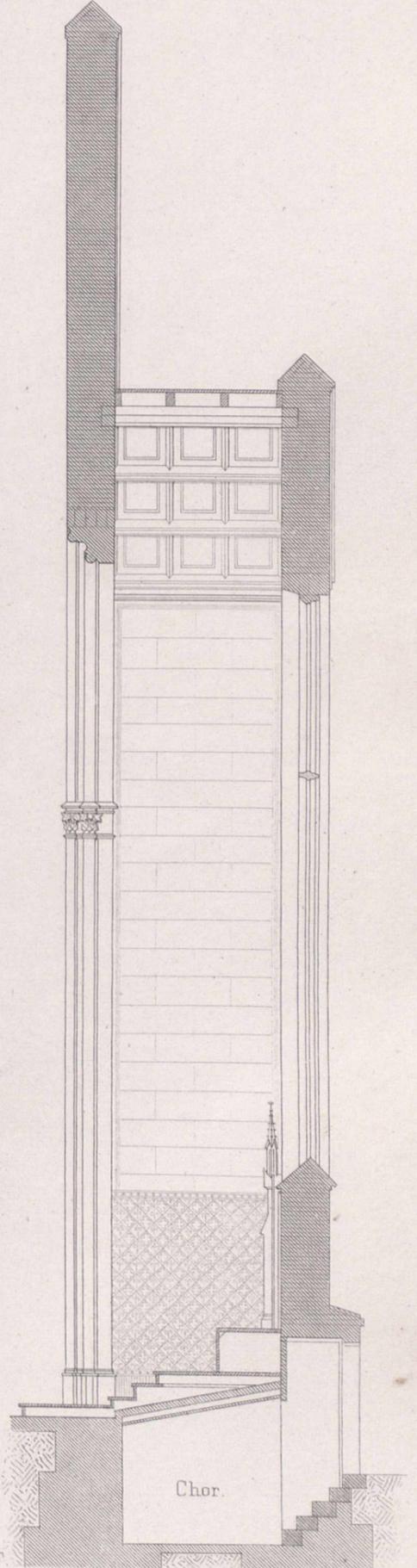
A-B



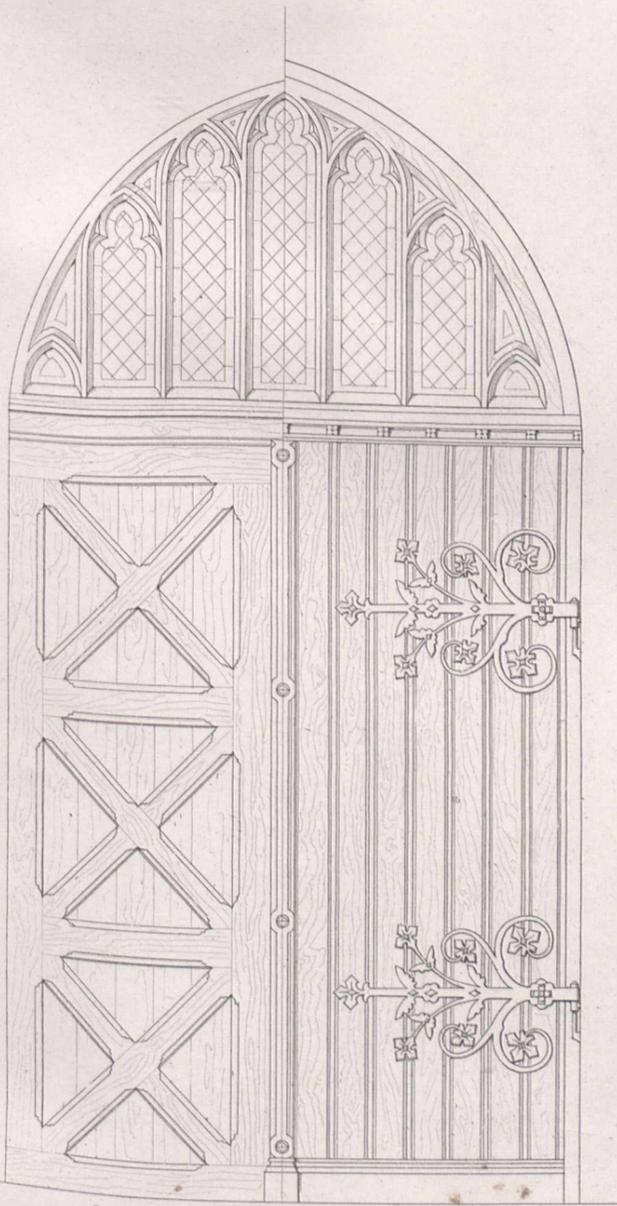
V.

C-D

IV.V. Grundrisse des Thürmchens.



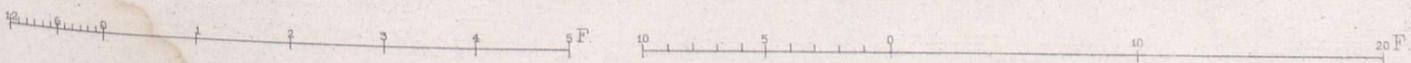
Chor.

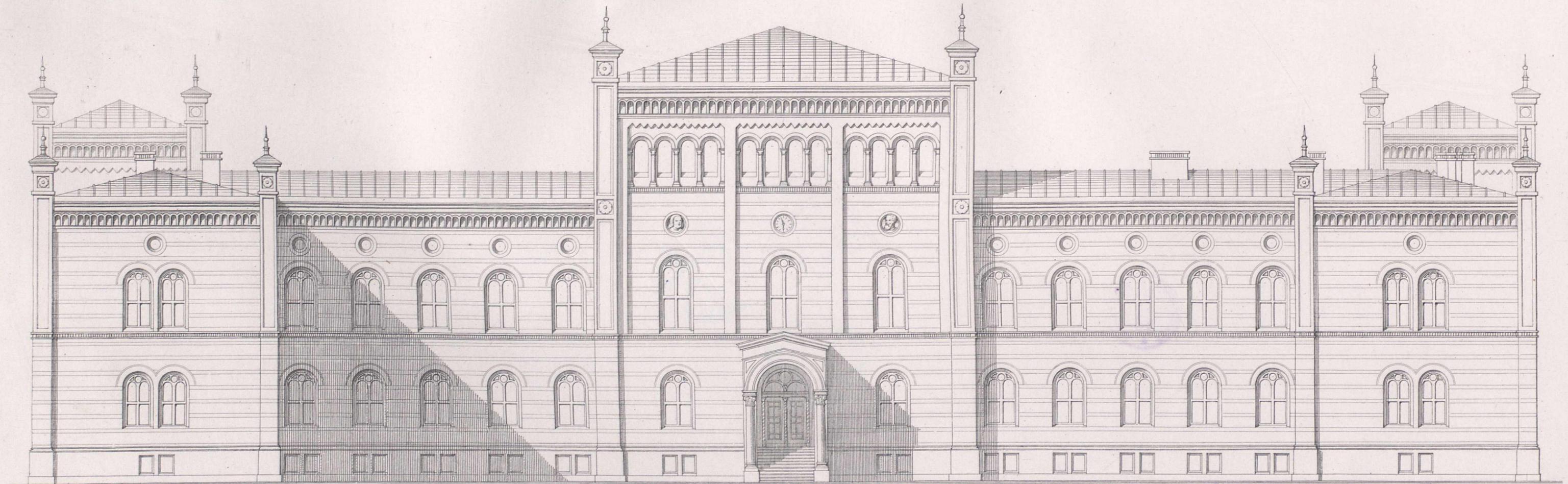


Jnnenseite.

Aussenseite.

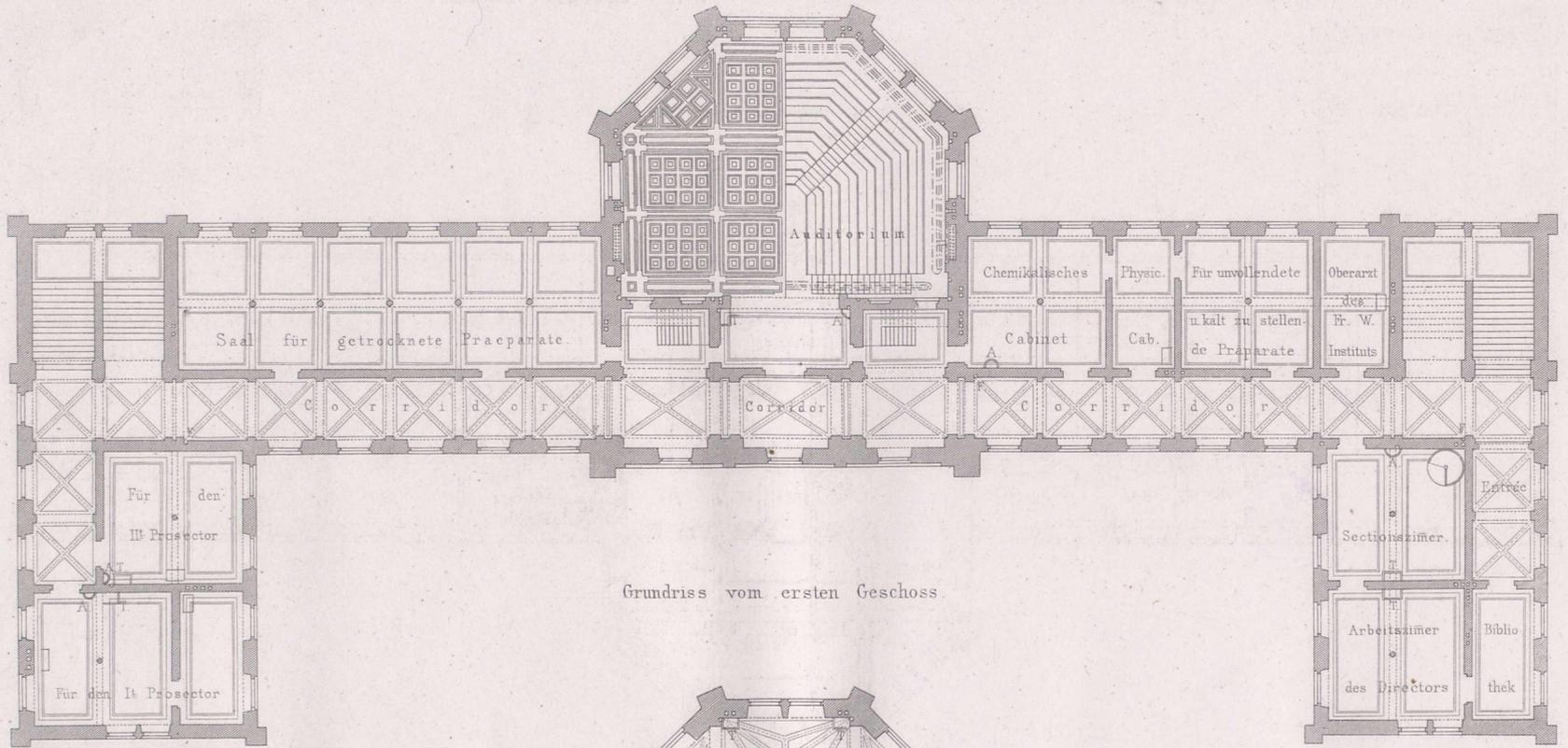
VI. Hauptthür.



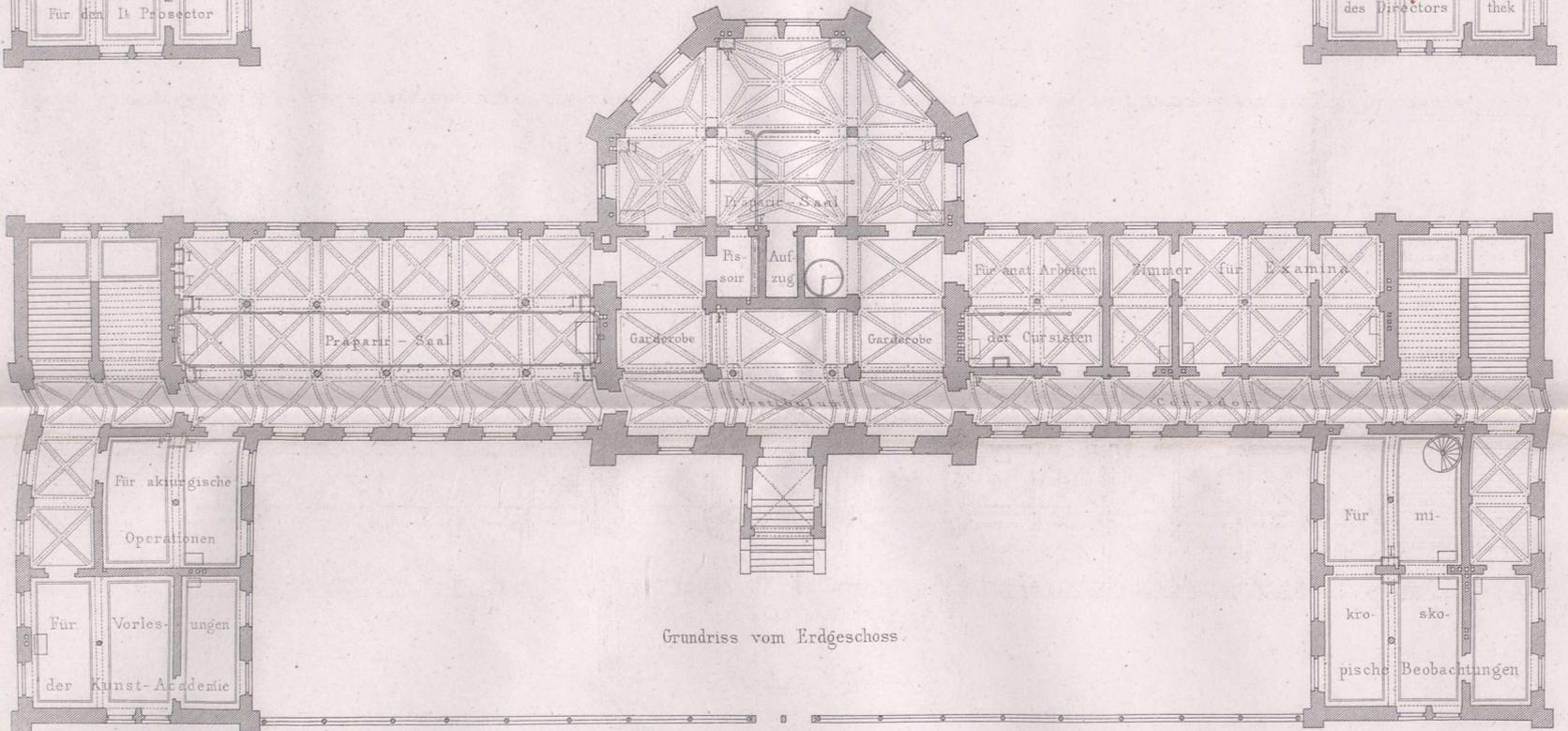


Vordere Ansicht.

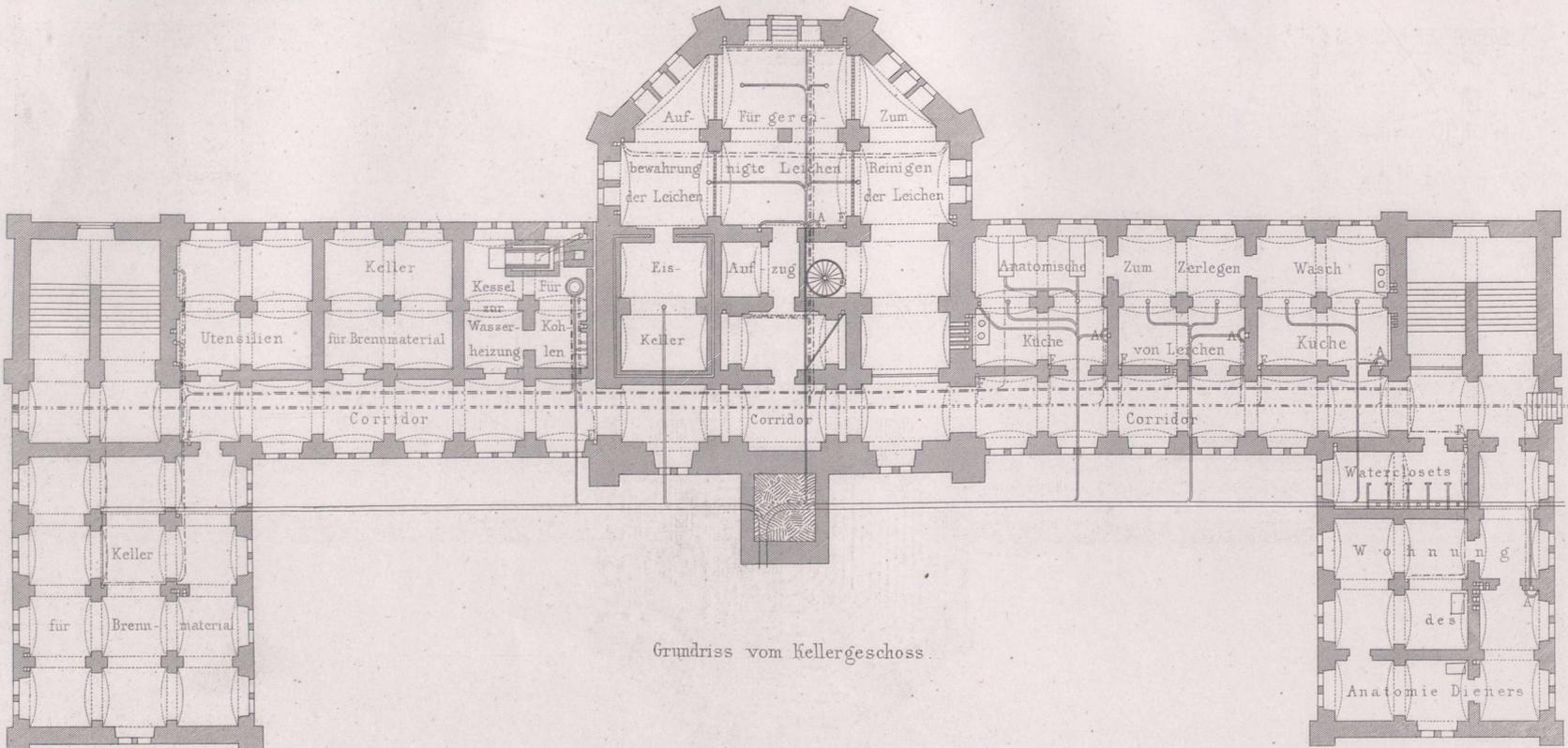




Grundriss vom ersten Geschoss



Grundriss vom Erdgeschoss

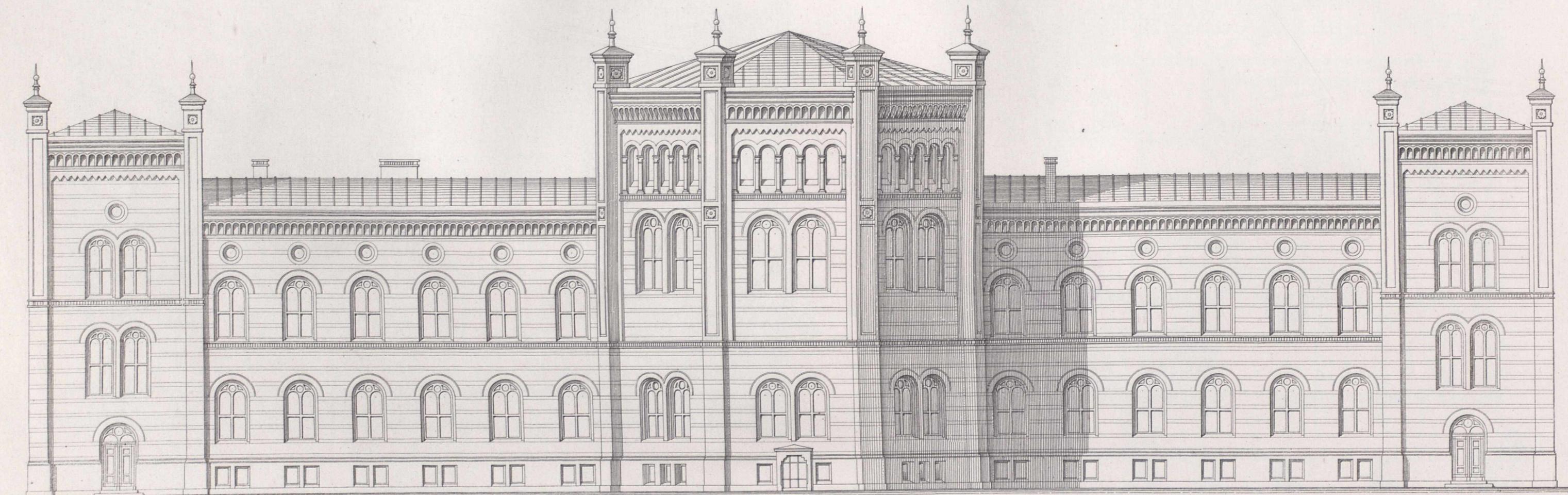


Grundriss vom Kellergeschoss

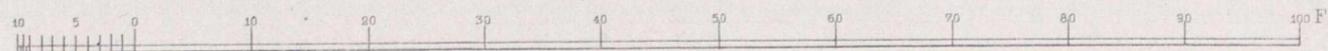
- - - - - Warmwasserzuleitungen.
 - - - - - Kaltwasserzuleitungen.
 - - - - - Wasser-Abflussröhren.

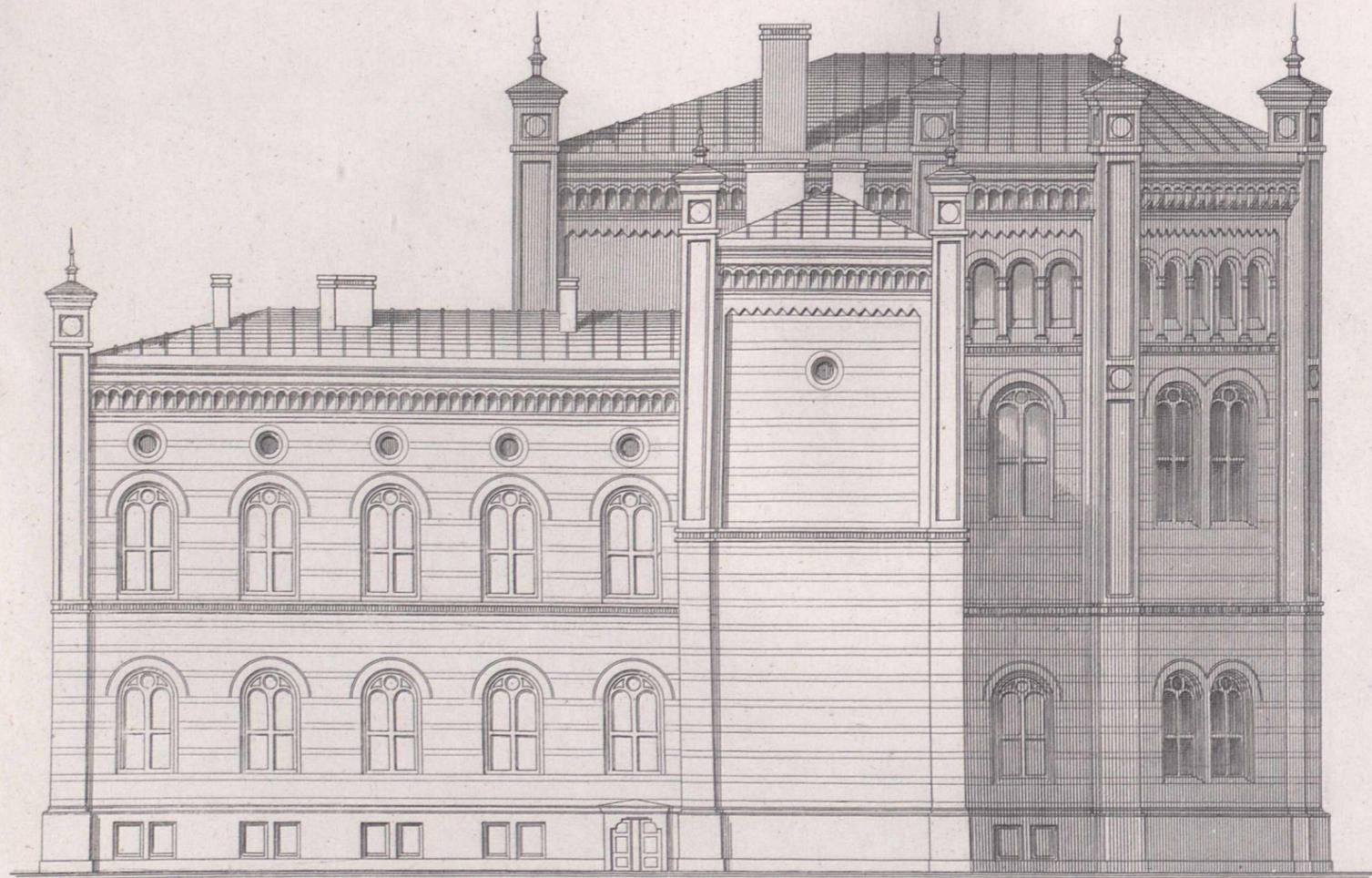
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 Fuss rhl.

T = Toiletten
 A = Ausguss
 F = Feuerhähne

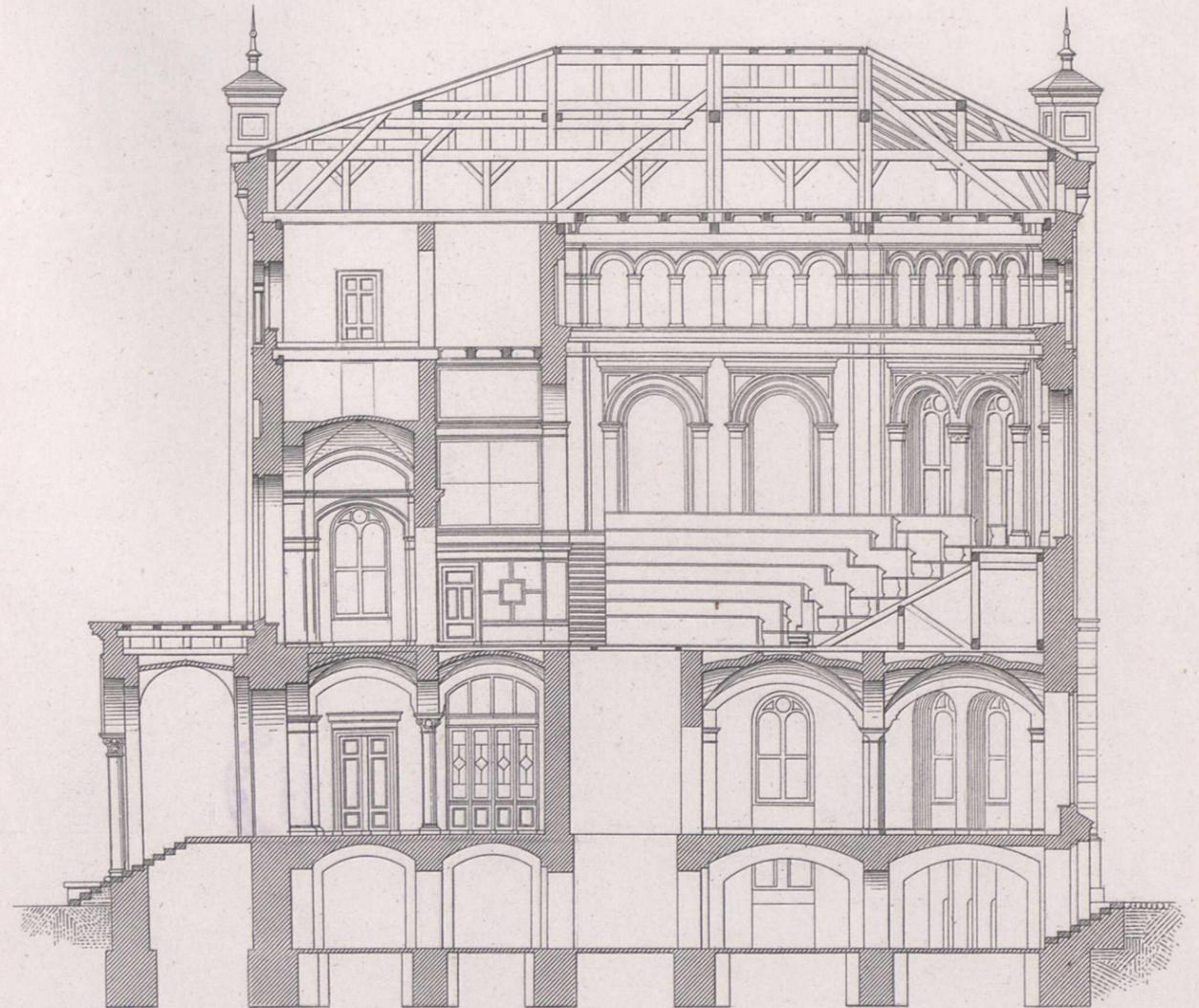


Hintere Ansicht.

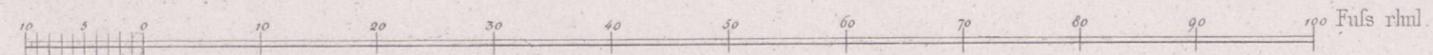




Seitenansicht.

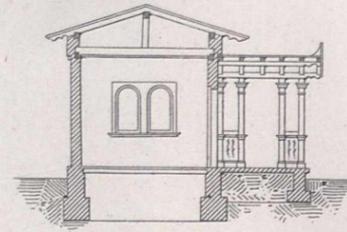
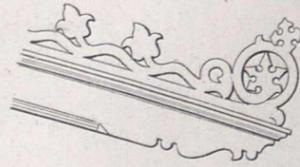


Durchschnitt durch den Mittelbau.

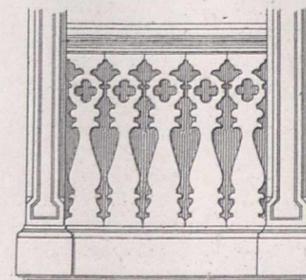


Ernst & Horn. Berlin.

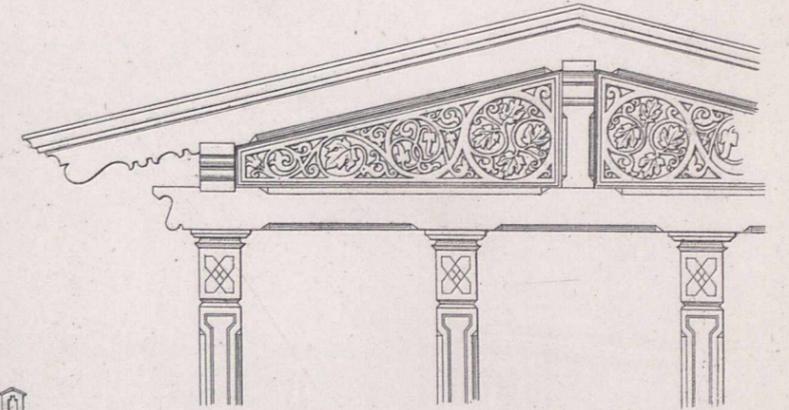
Anatomie - Gebäude zu Berlin.



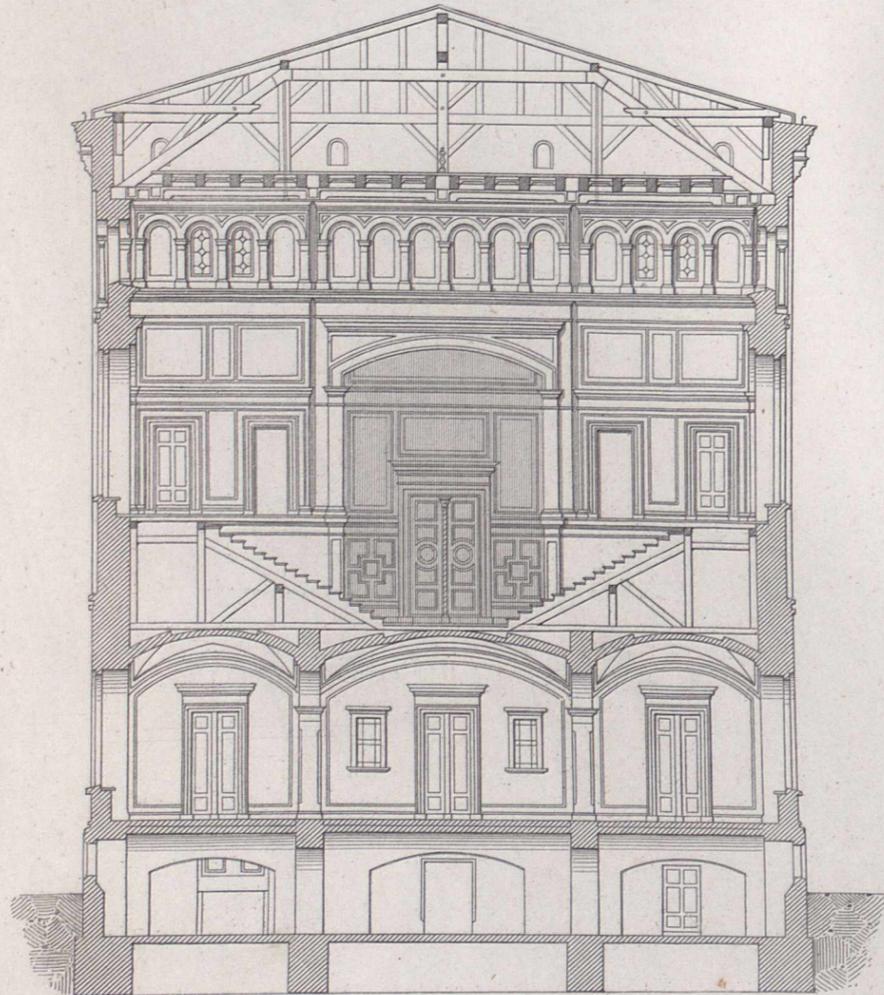
Figur 7.



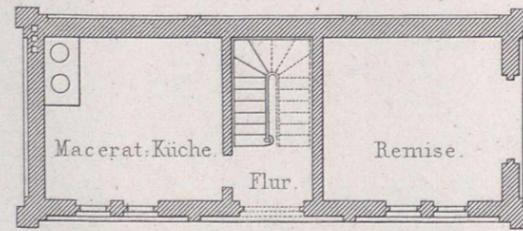
Brüstung d. Halle. Figur 5.



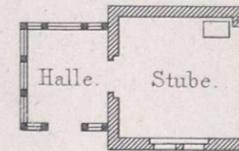
Giebel der Halle.



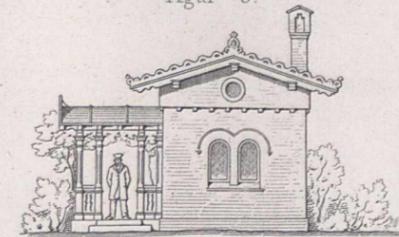
Durchschnitt durch den Mittelbau.



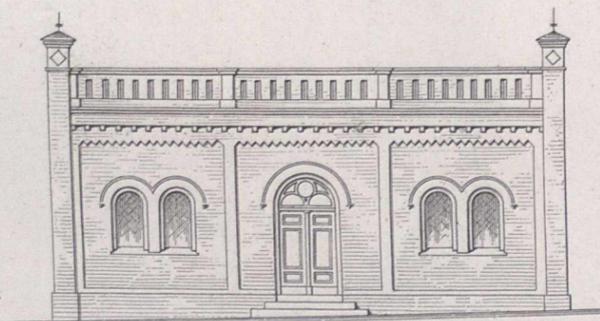
Figur 1.



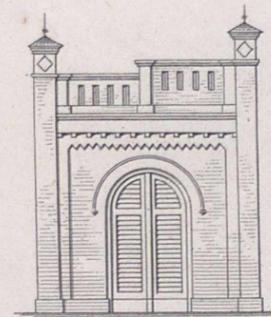
Figur 6.



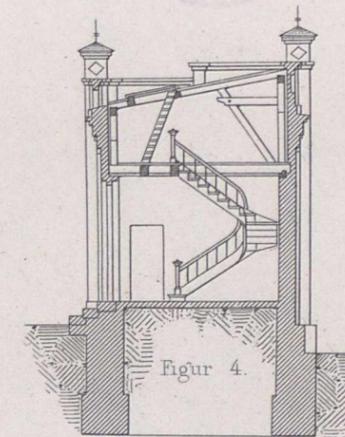
Figur 5-7. Portierhaus.



Figur 2.

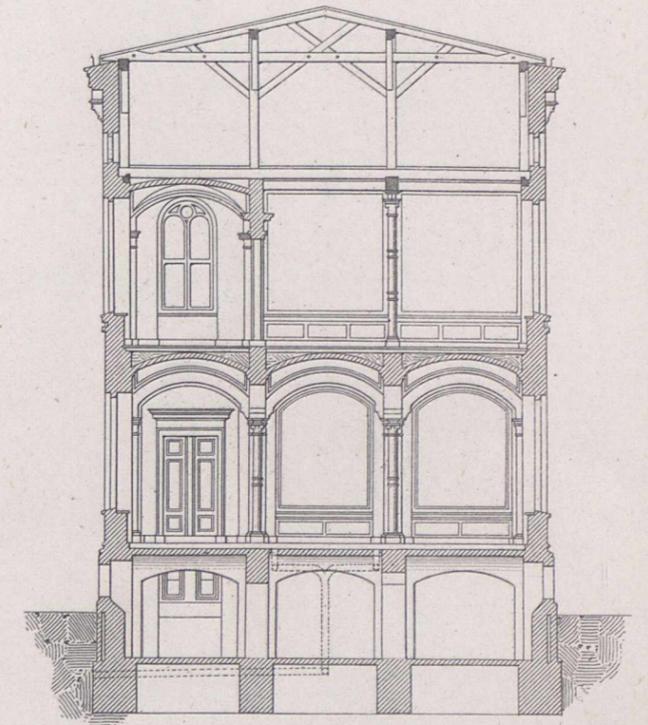


Figur 3.

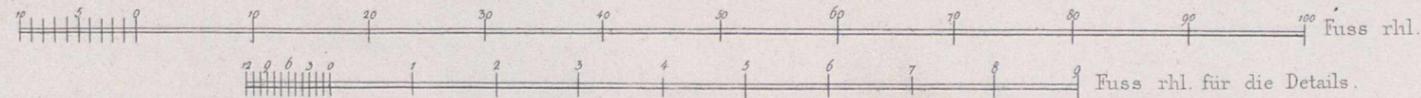


Figur 4.

Figur 1-4 Macerationsgebäude.

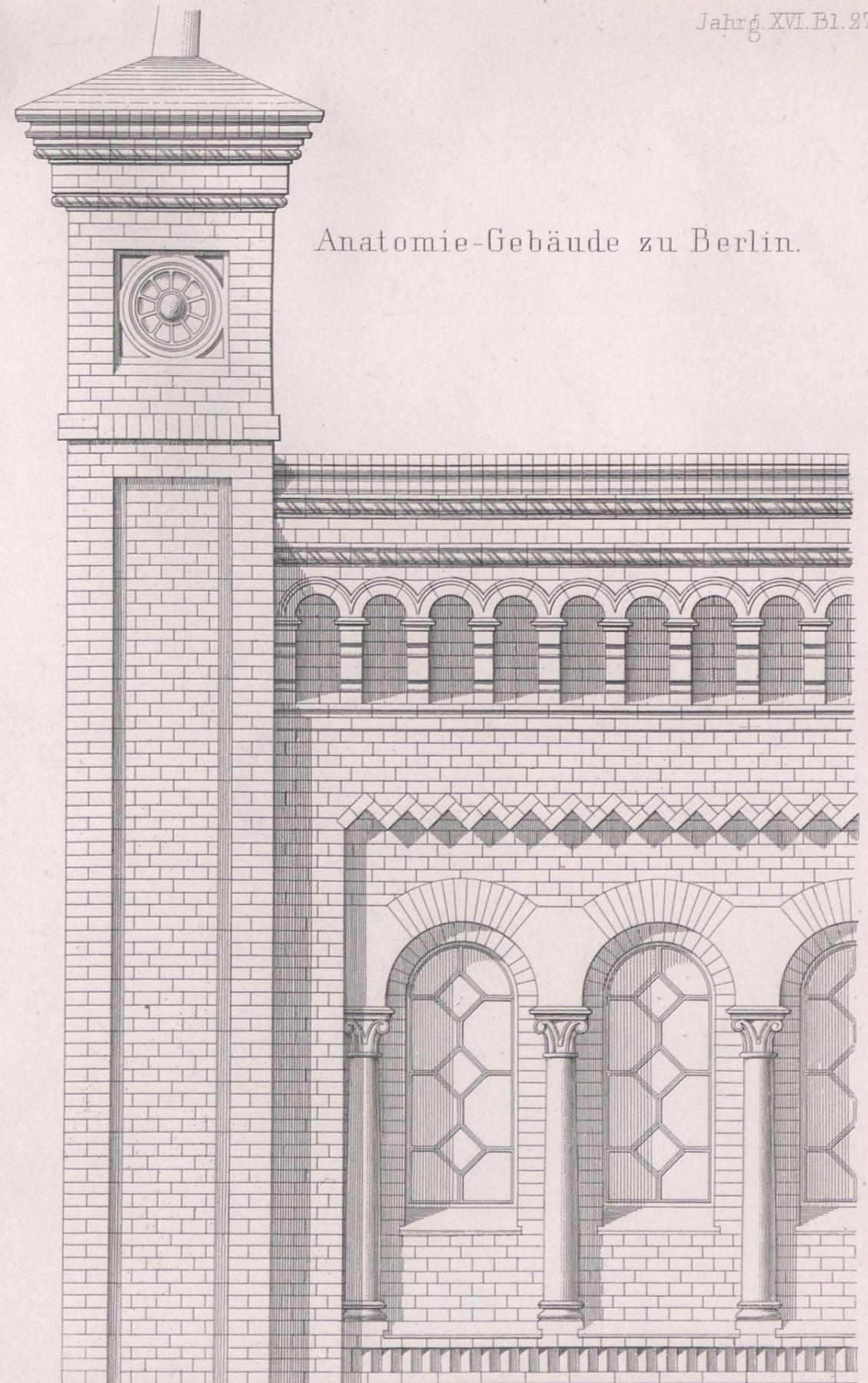
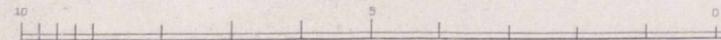


Durchschnitt des Hauptgebäudes.





Detail des Portals.



Anatomie-Gebäude zu Berlin.

Detail des Hauptgesimses.

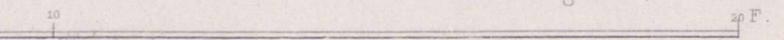
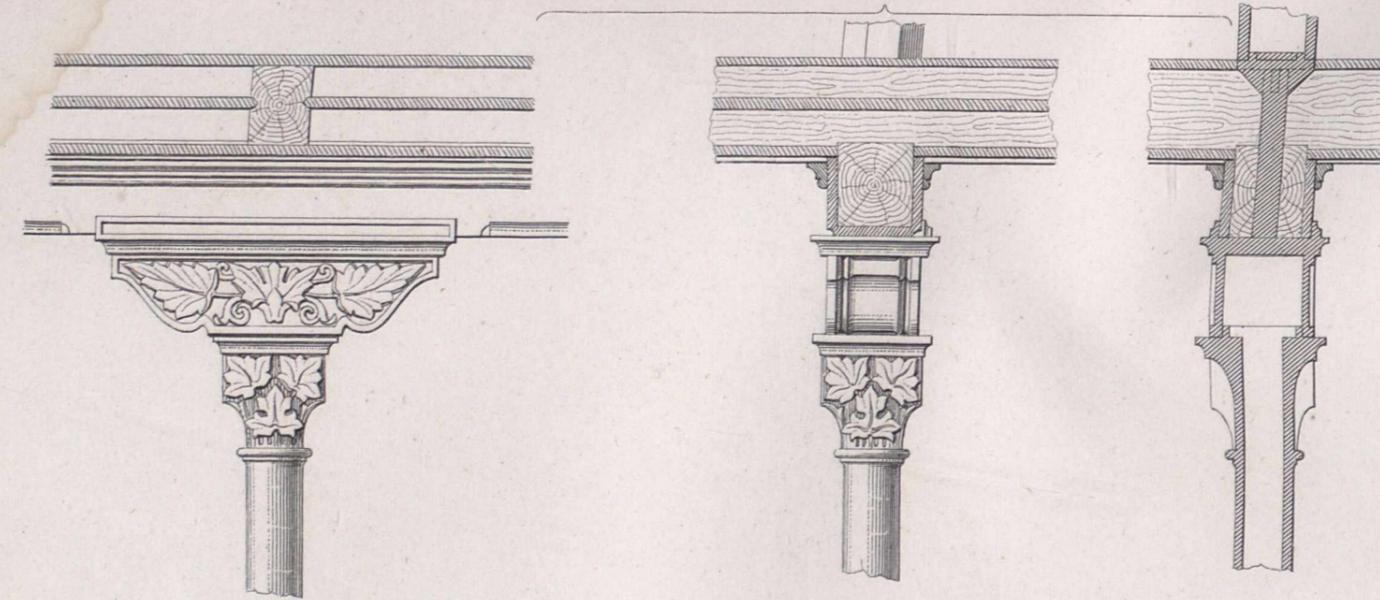


Fig. 1. Detail der gusseisernen Säulen in den Flügeln.



Anatomie-Gebäude zu Berlin.

Fig. 5. Scudelle des Mittelbaues.

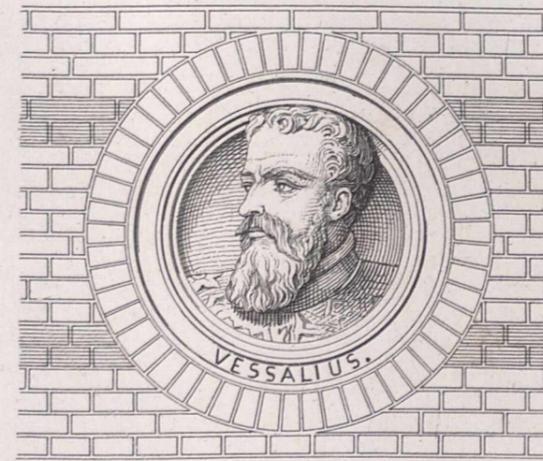


Fig. 7. Console im Auditorium.

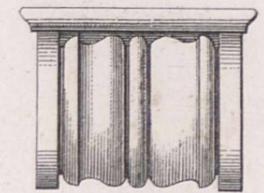


Fig. 2. Pfeiler-Capitell.

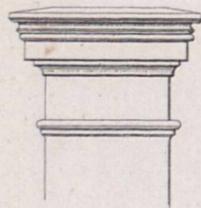


Fig. 3. Thürverdachung.

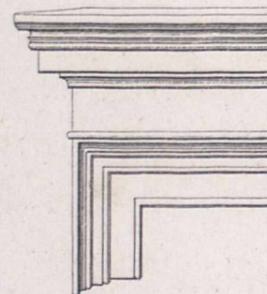


Fig. 4. Schmiedeeisernes Gitter zwischen den Flügeln.

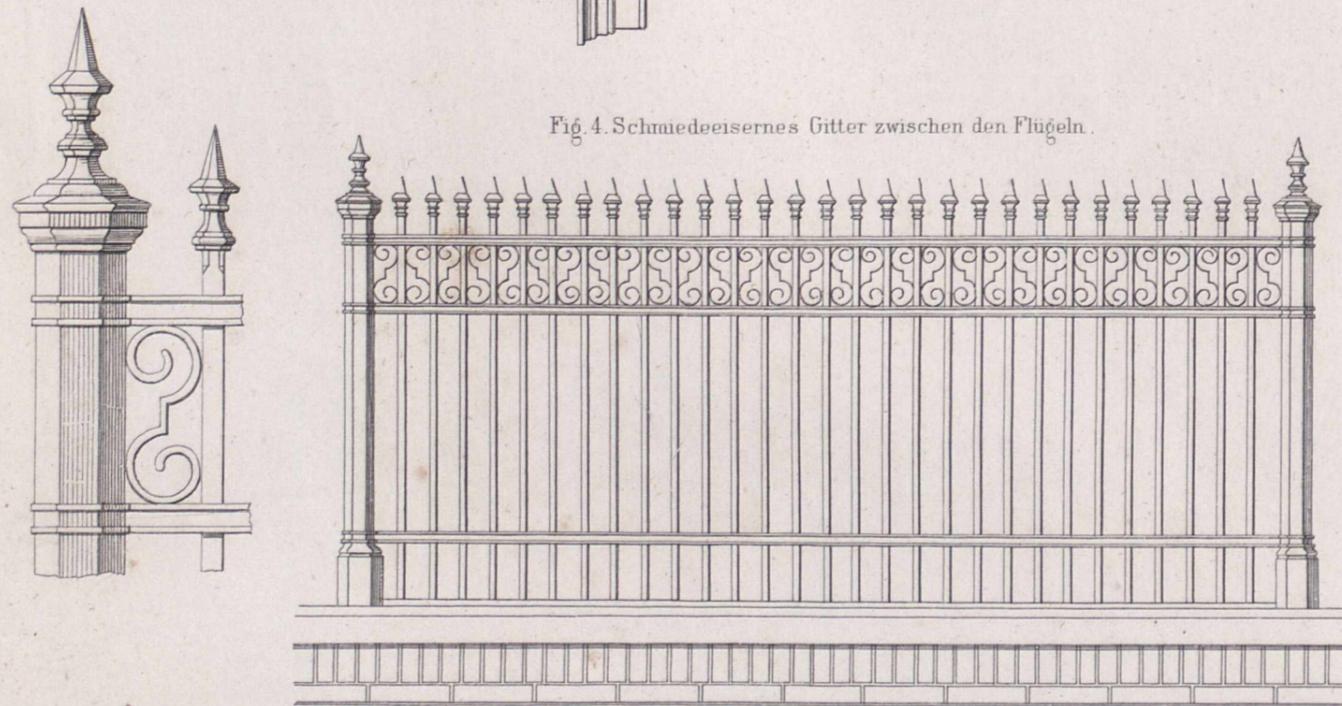
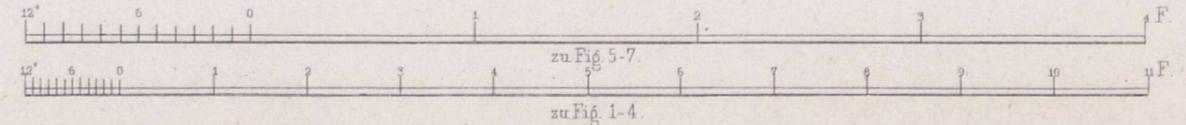


Fig. 6. Kronleuchter im Auditorium.



Kessel zur Wasserheizung.

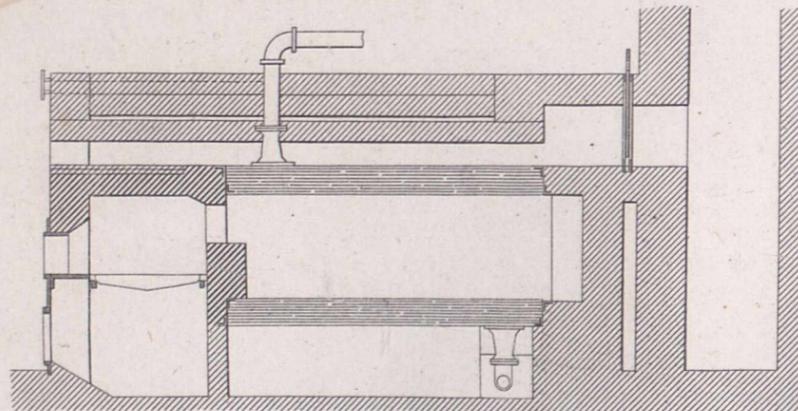


Fig. 2. Längenschnitt.

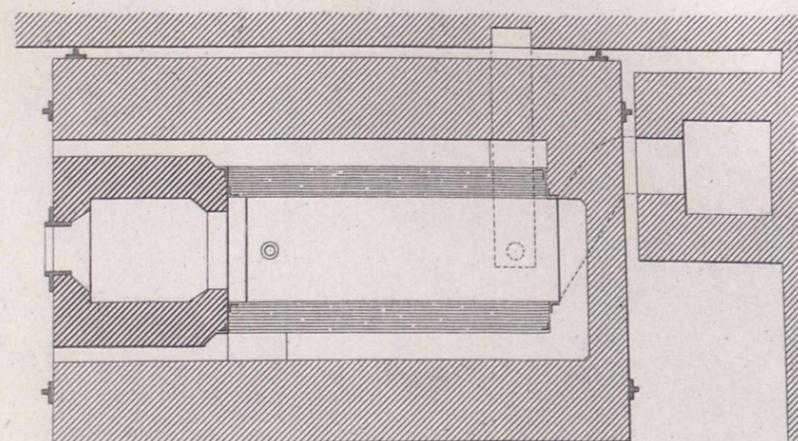


Fig. 3. Grundriss.

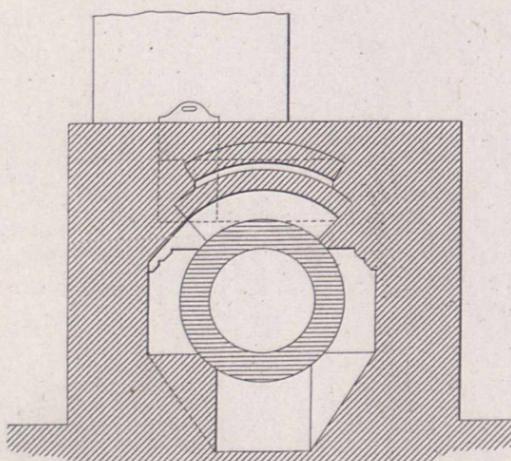
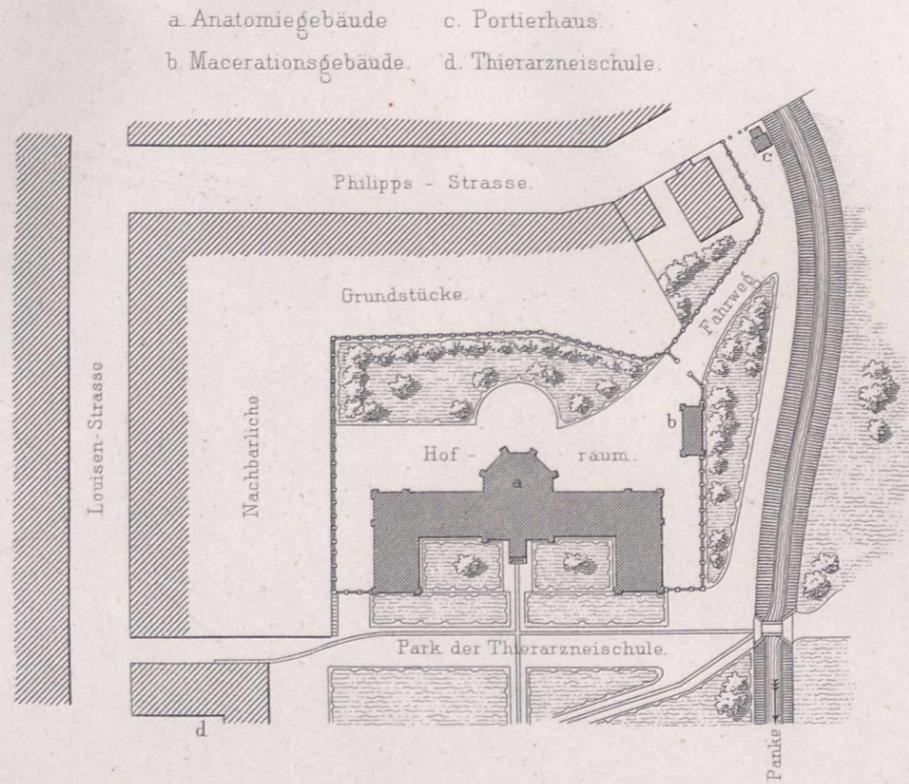


Fig. 4. Querschnitt.

A. Cremer erf.

Fig. 1. Situationsplan.



- a. Anatomiegebäude
- b. Macerationsgebäude
- c. Portierhaus
- d. Thierarzneischule.

Warmwasserkessel.

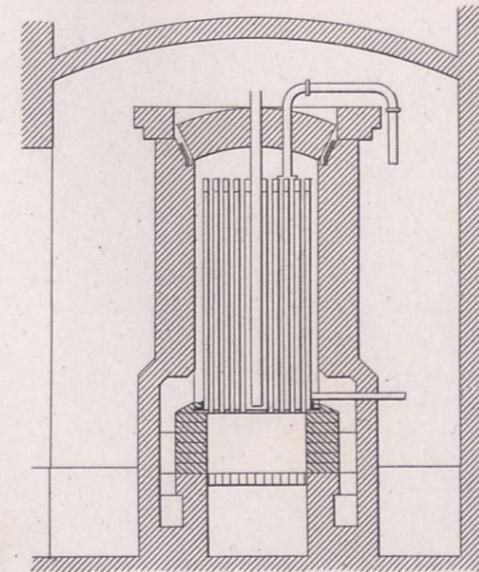


Fig. 5. Durchschnitt.

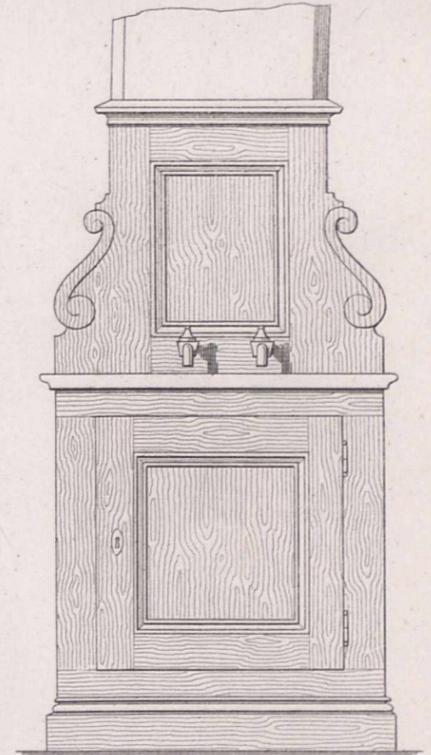
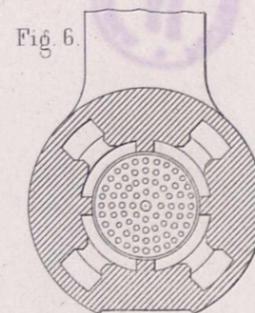


Fig. 8. Toilette.

Fig. 6.



Grundrisse des Warmwasserkessels.

Fig. 7.

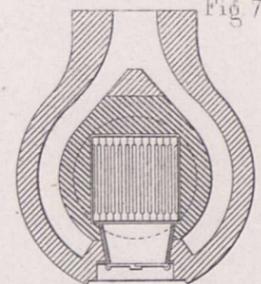
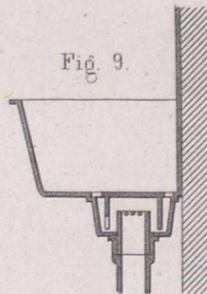


Fig. 9.



Ausguss.

Fig. 10.

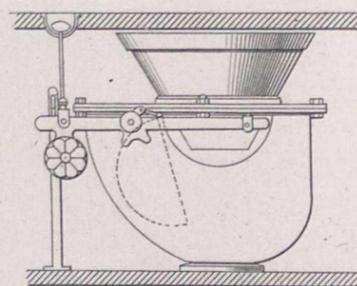
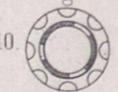


Fig. 11.

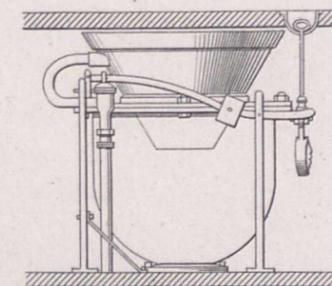
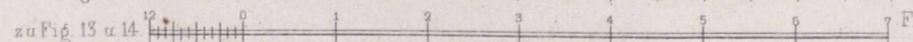
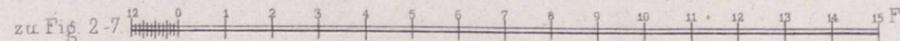
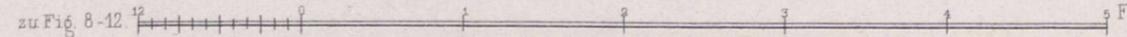
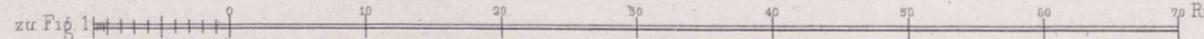


Fig. 12.

Watercloset.



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Leichen-Fahrtisch.

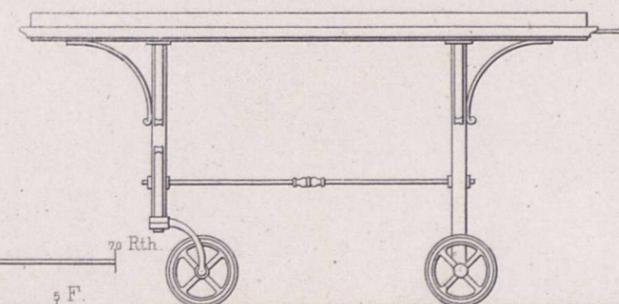


Fig. 13.

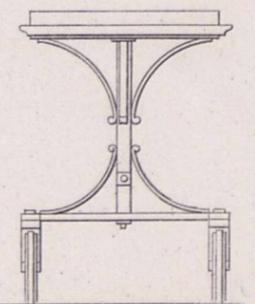
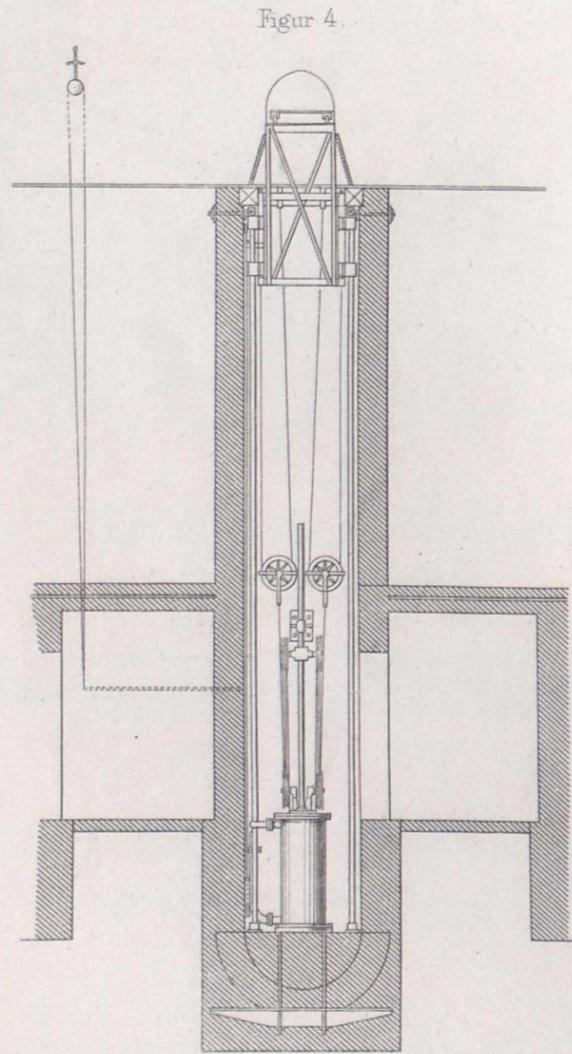


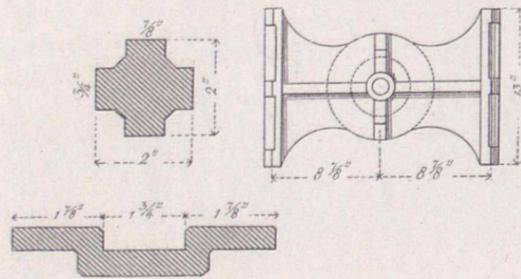
Fig. 14.

Wäther gest.

Hydraulischer Aufzug.



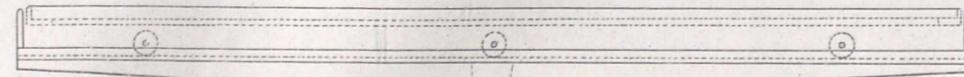
Querschnitt.



A. Cremer erf.

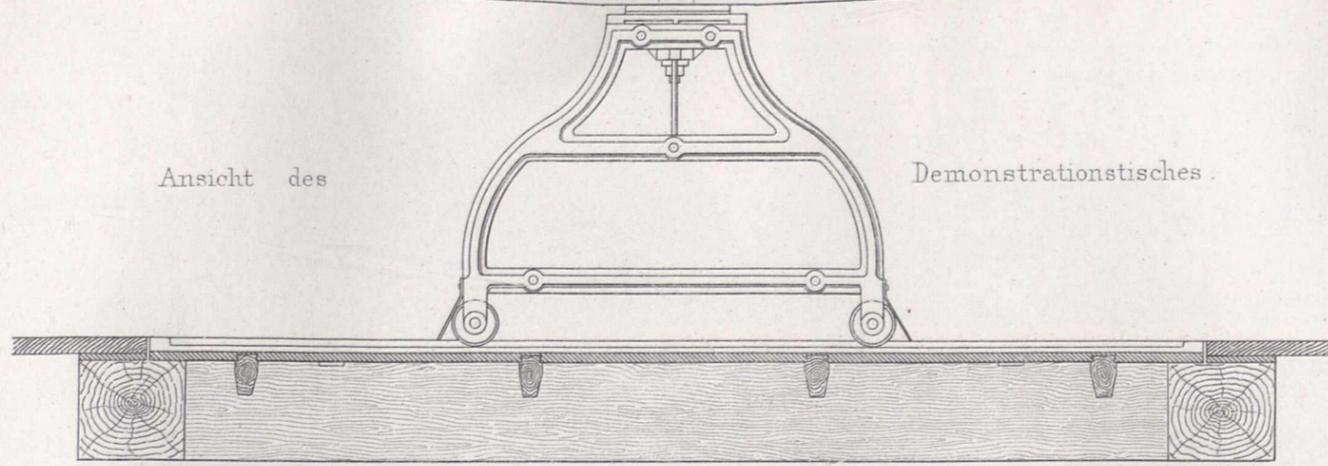
Anatomie - Gebäude zu Berlin.

Figur 1.



Ansicht des

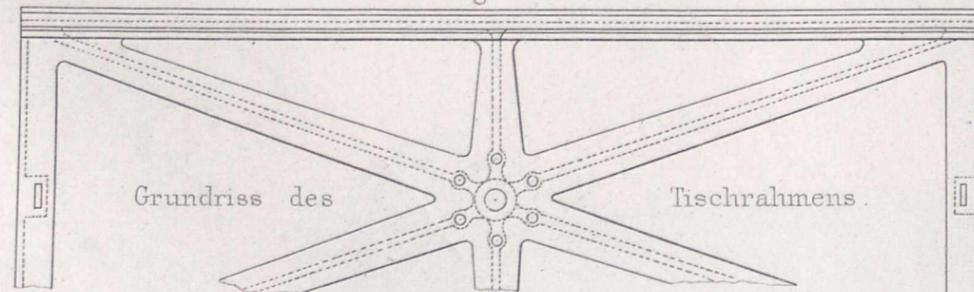
Demonstrationstisches.



Figur 2.

Grundriss des

Tischrahmens.

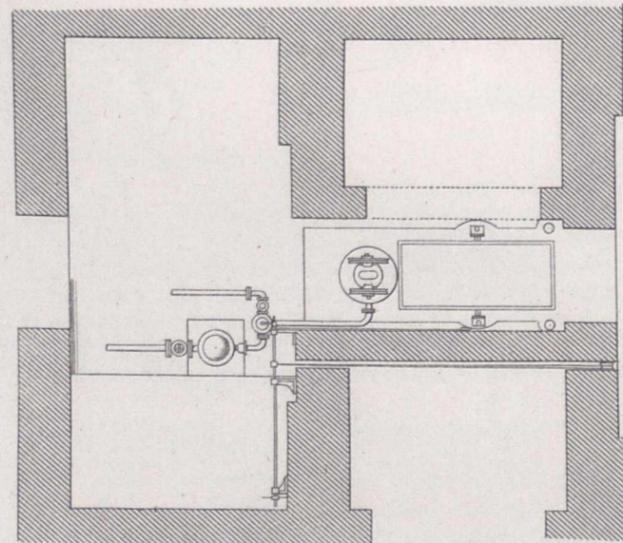


Figur 6.

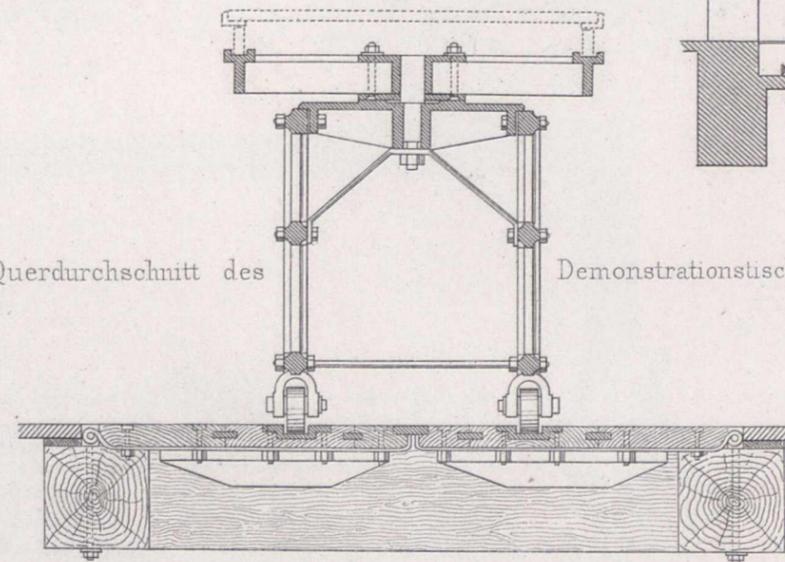
Figur 3.

Querdurchschnitt des

Demonstrationstisches

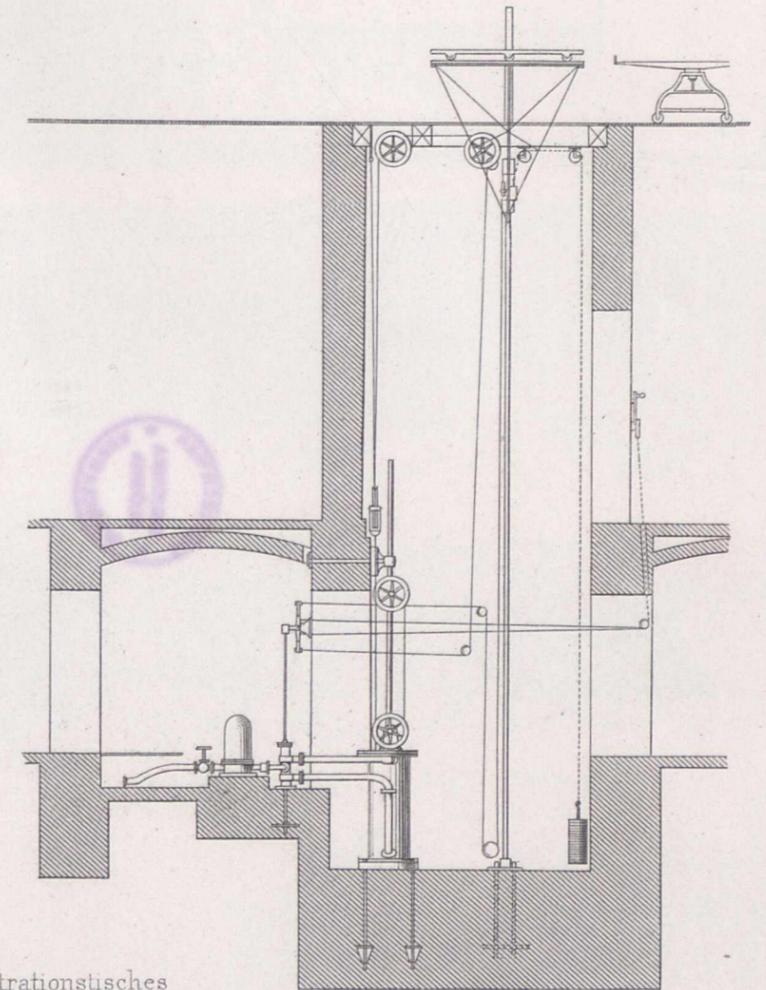


Grundriss.

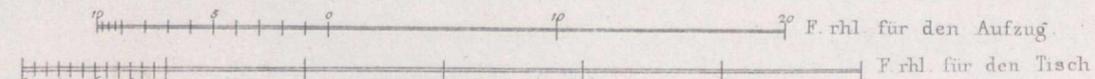
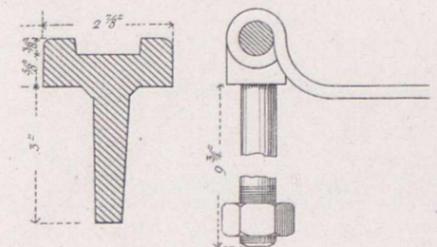


Hydraulischer Aufzug.

Figur 5.

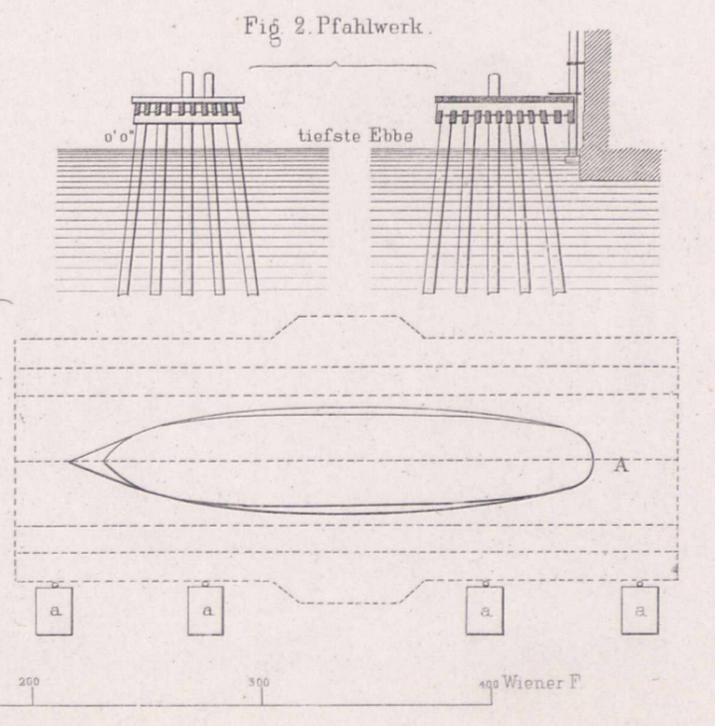
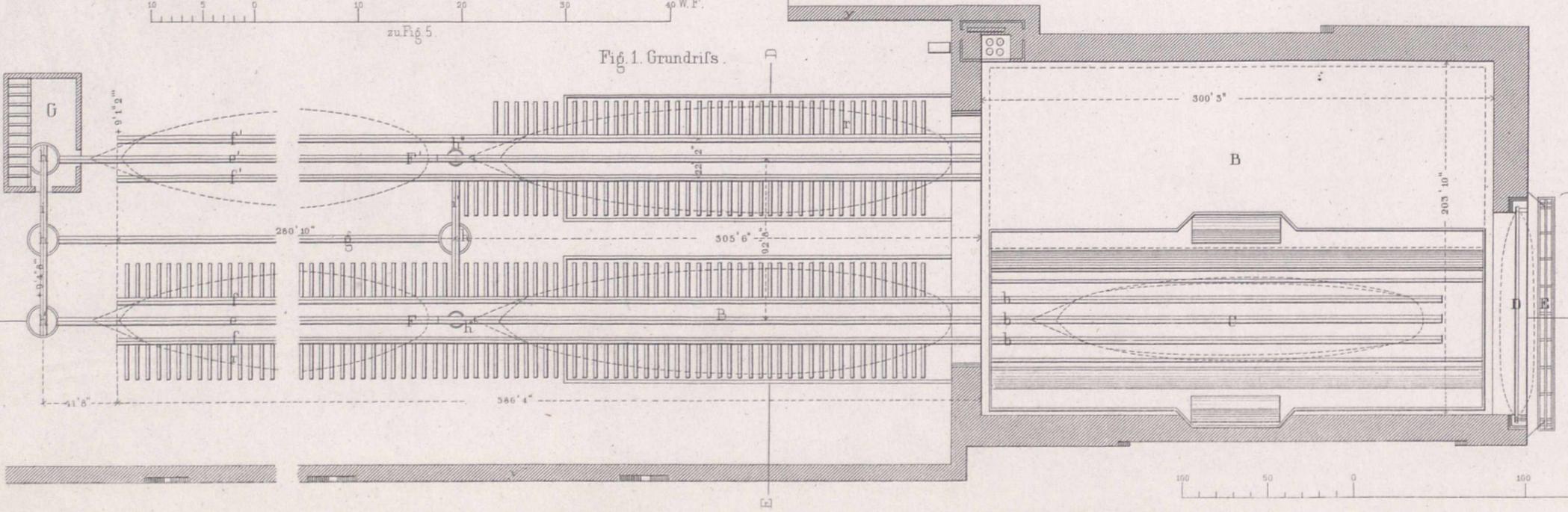
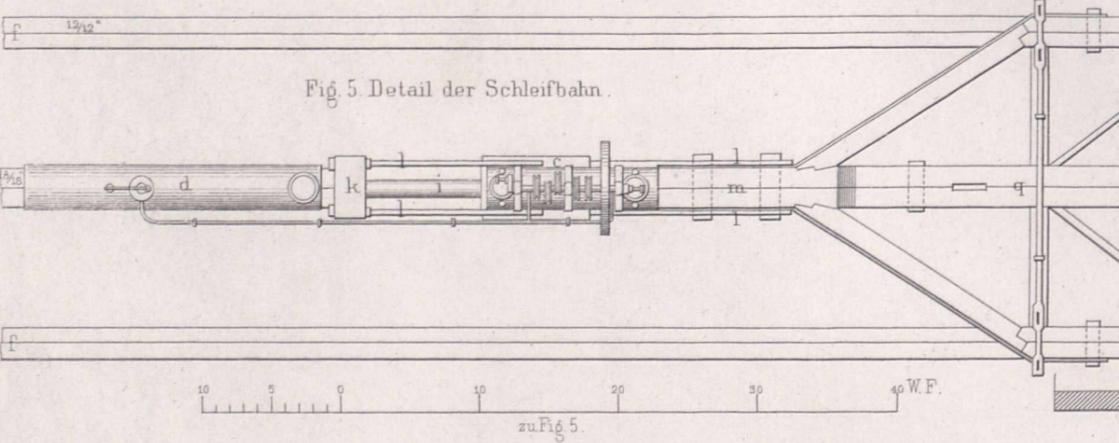
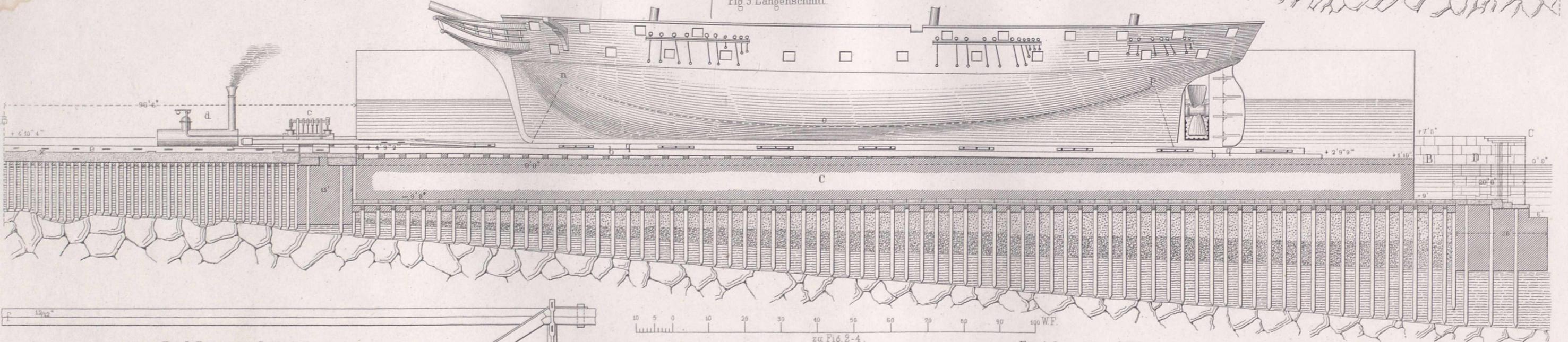
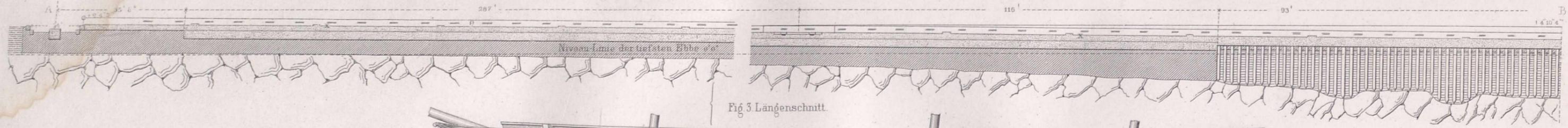


Laengenschnitt.



Ernst & Korn. Berlin.

Ritter gest.



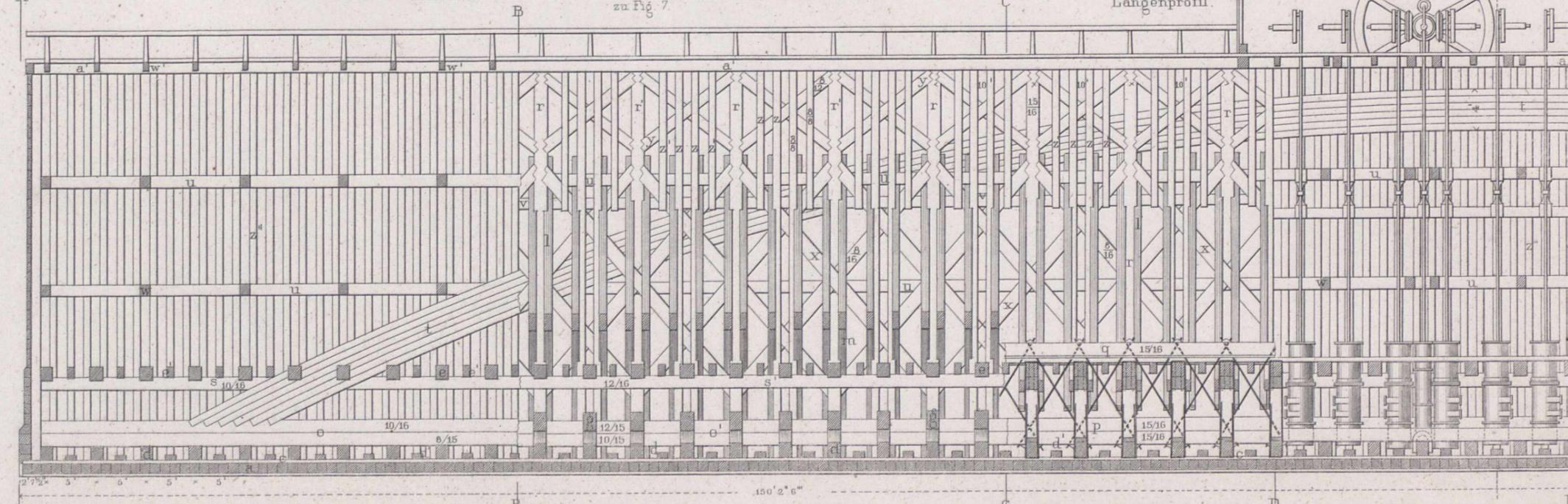
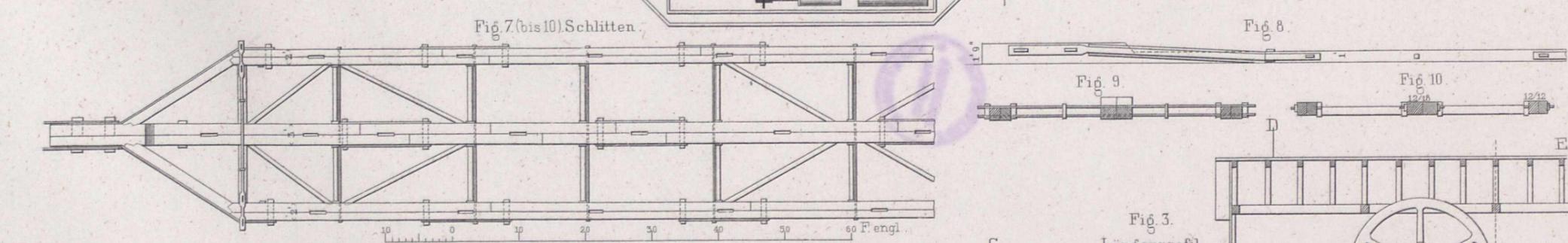
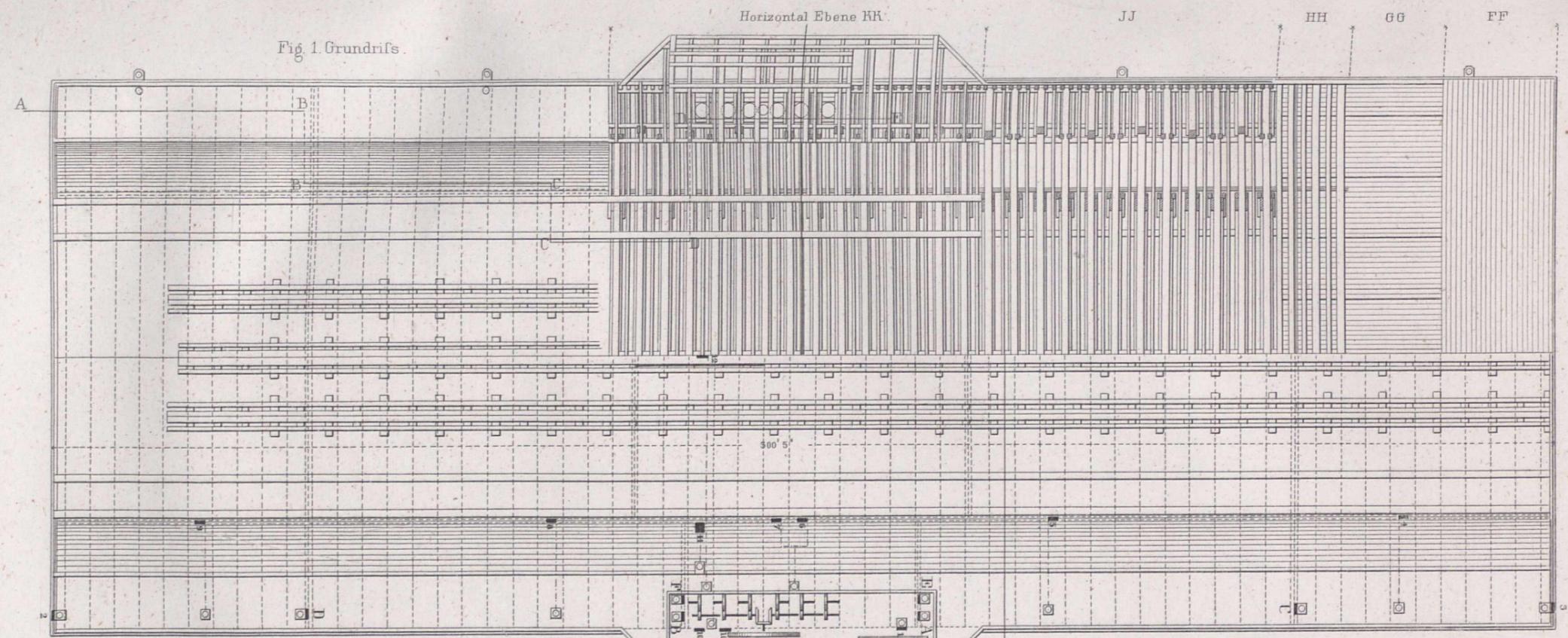
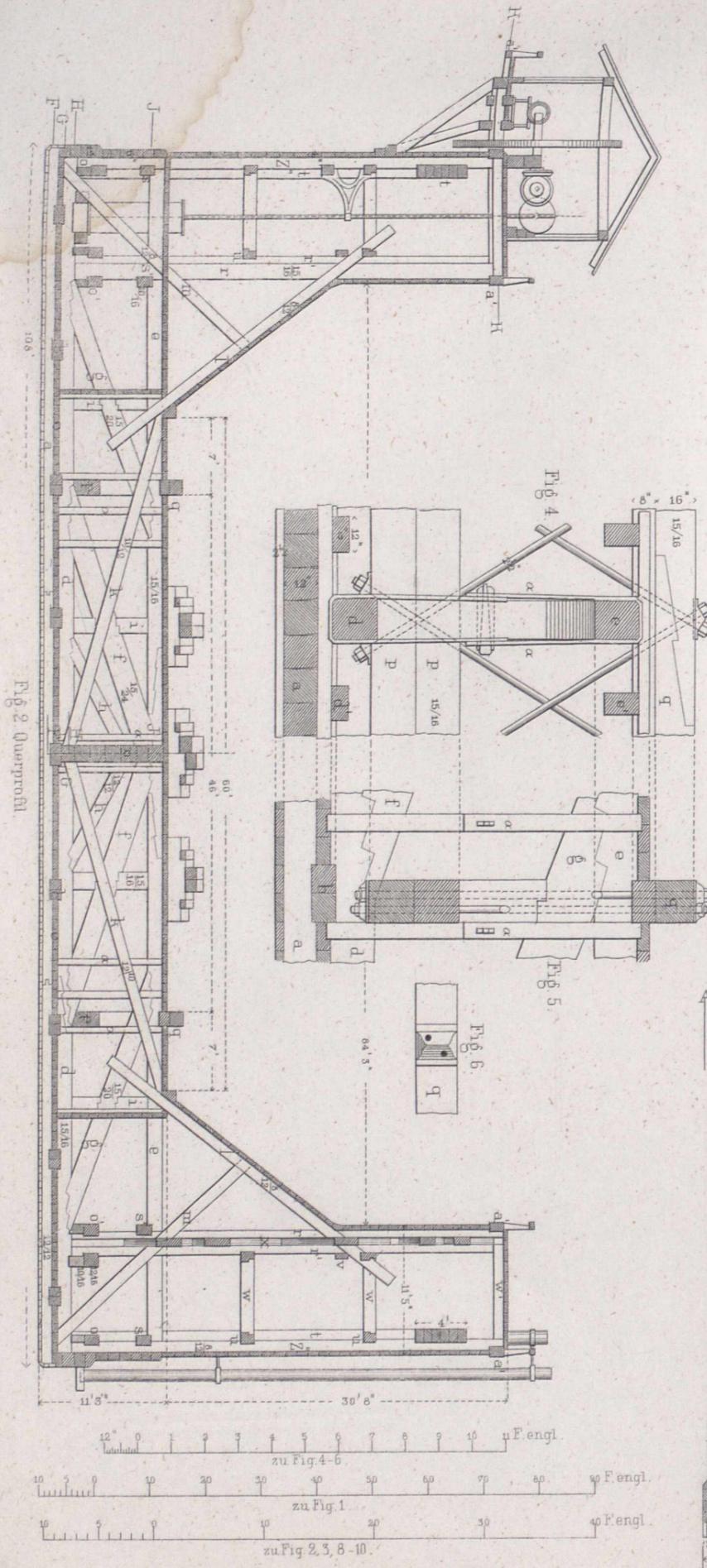


Fig. 1 Grundriss der Pfahlwände.

Das Bassin.

Fig. 7 Grundriss des Bassins.

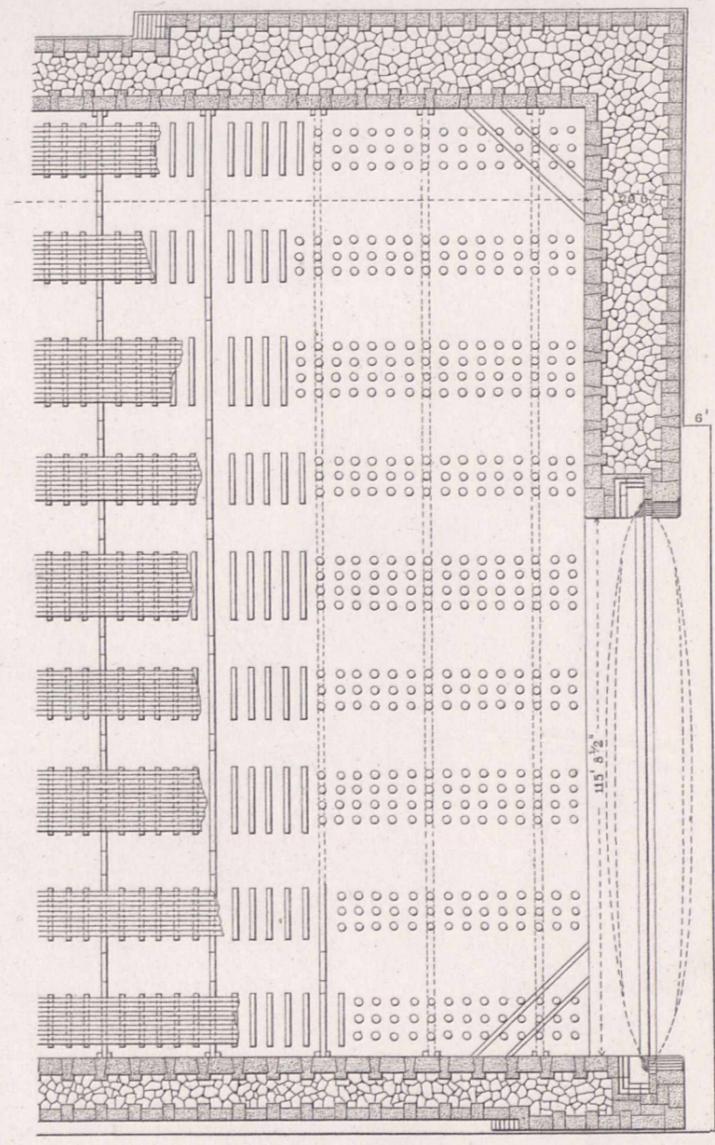
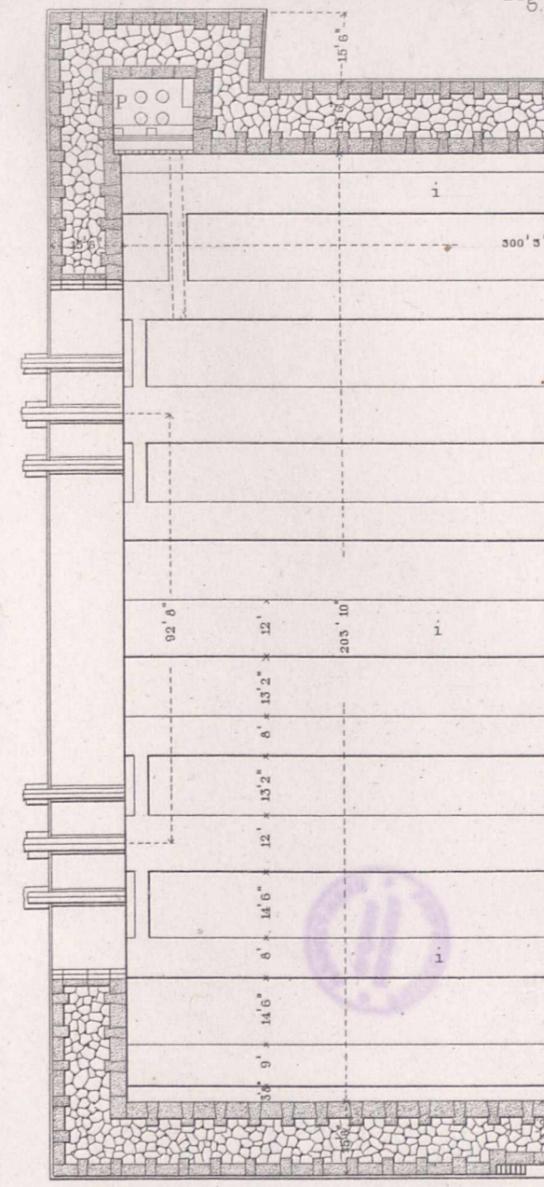
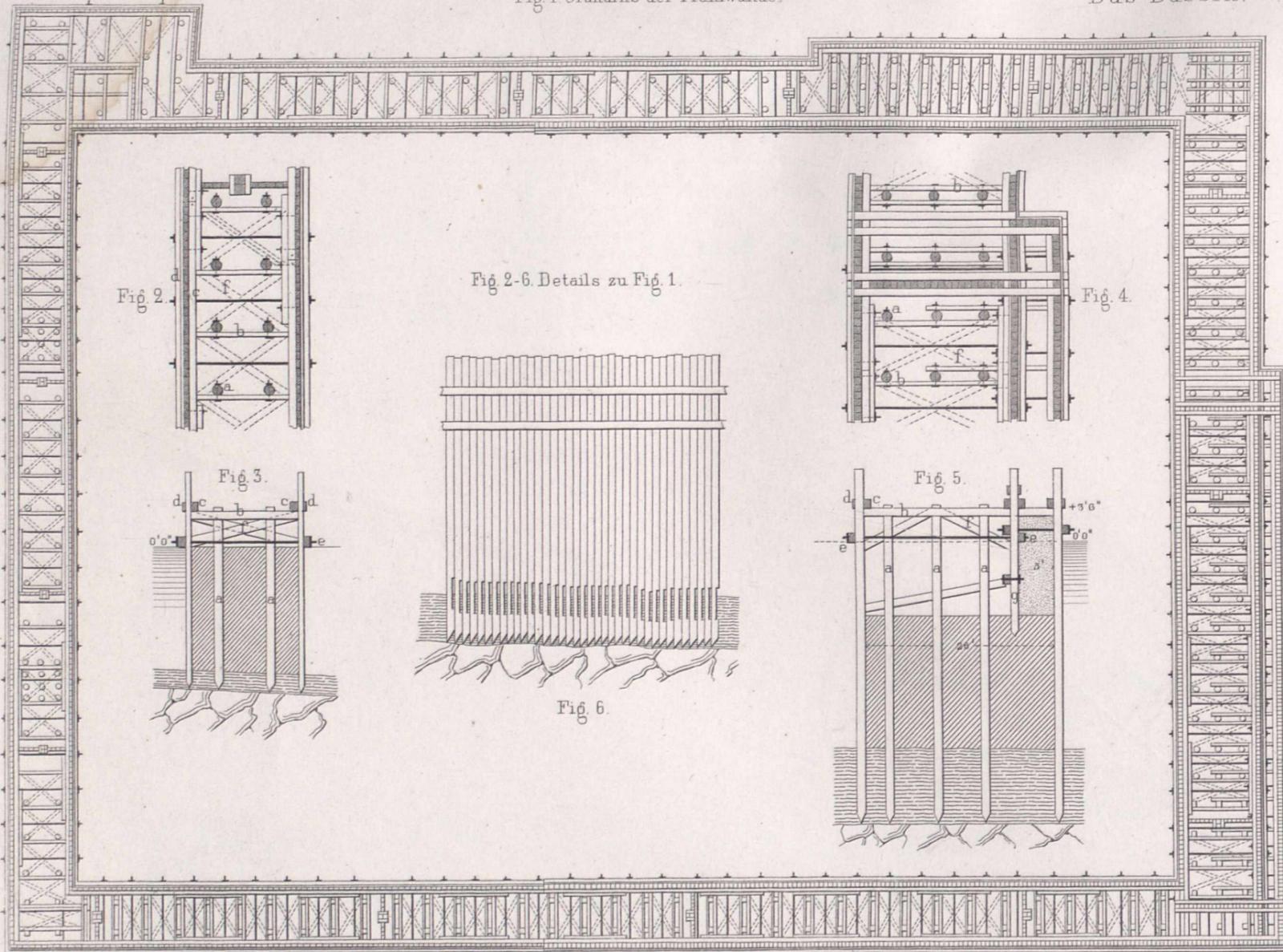


Fig. 2-6. Details zu Fig. 1.

Fig. 8. Querprofil.

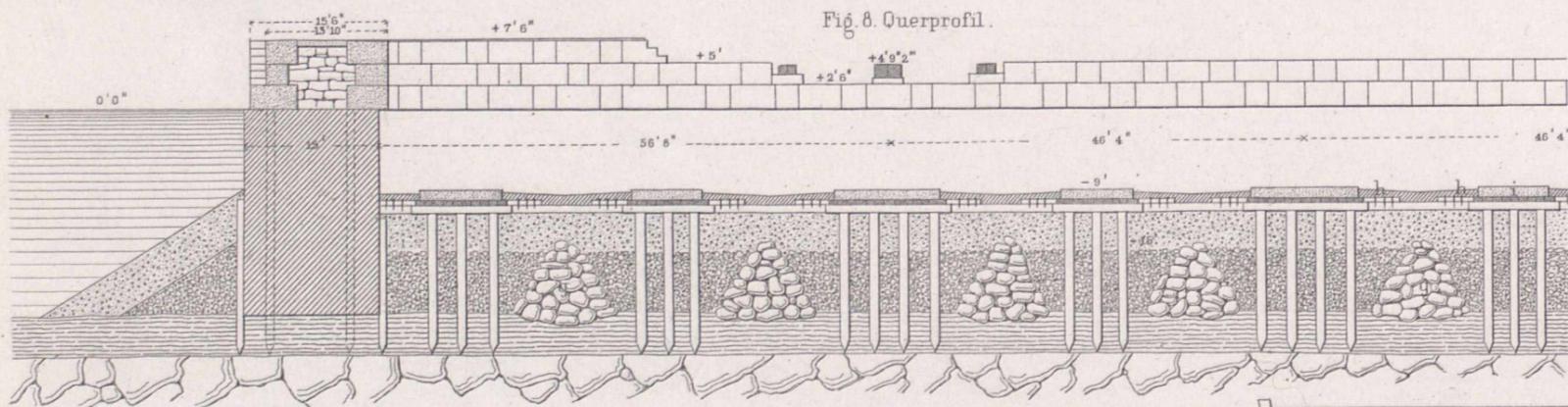


Fig. 9.

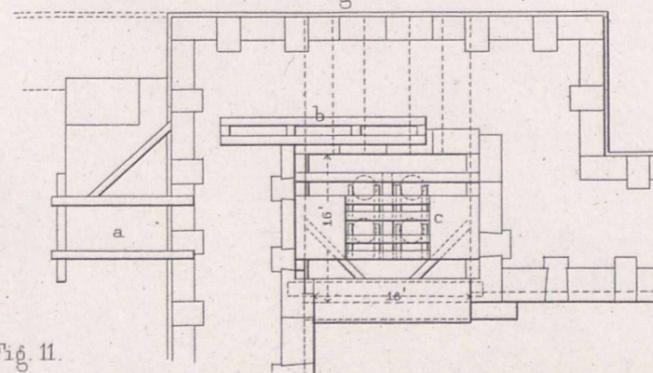


Fig. 9 u. 10. Ausmauerung der Pumpenkammer.

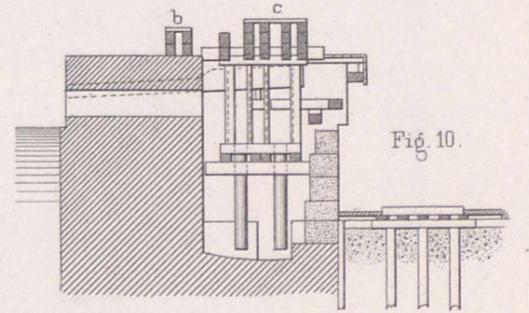
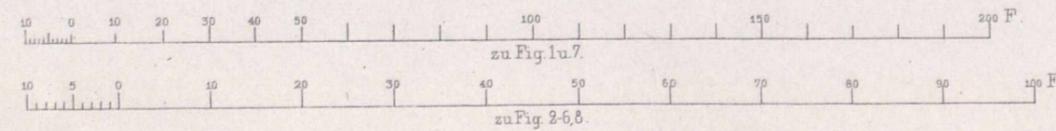
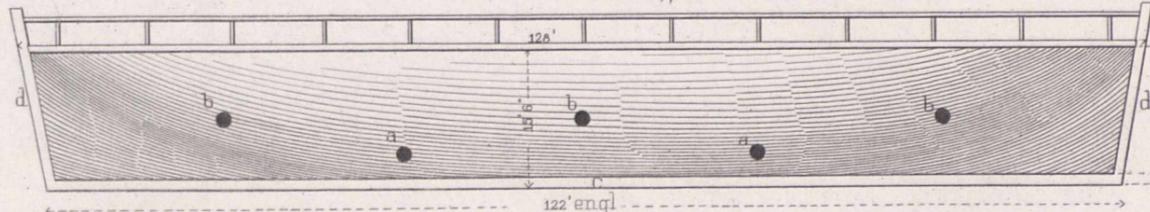


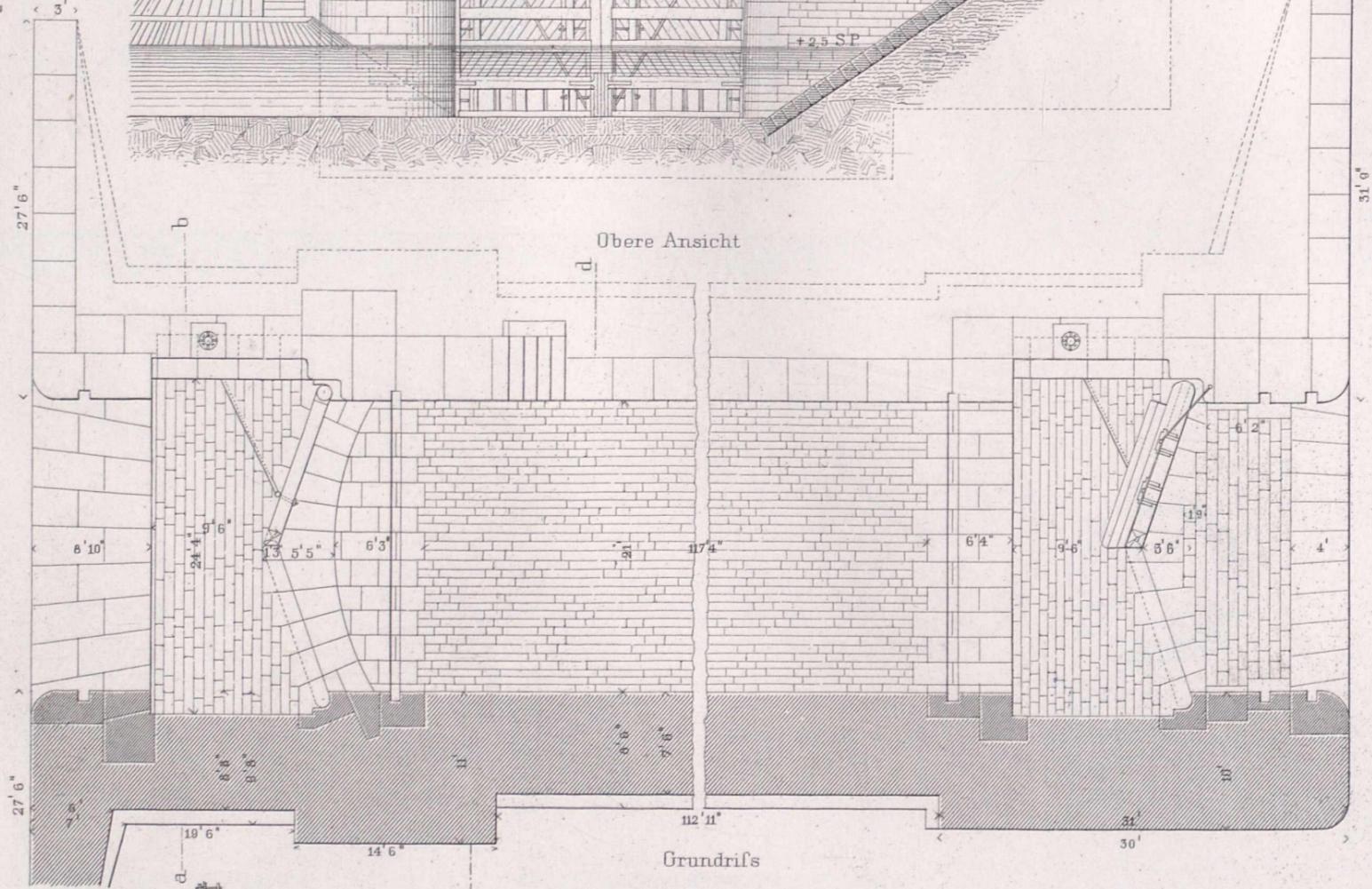
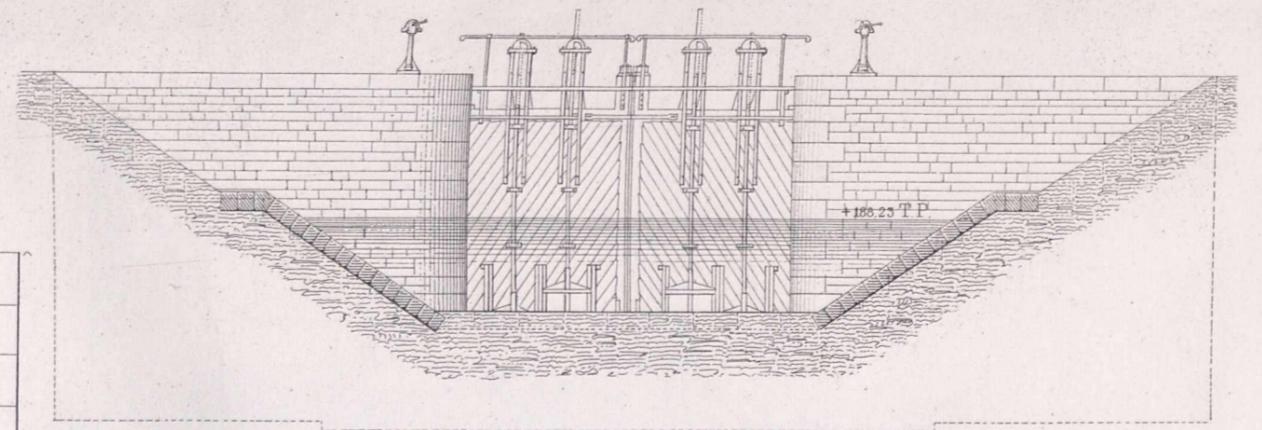
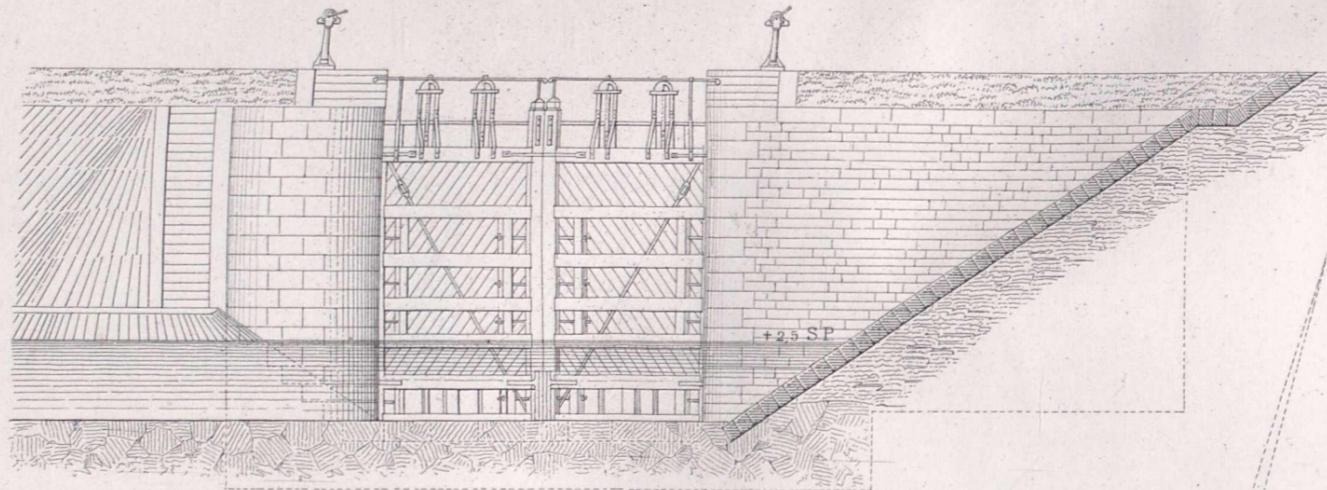
Fig. 11 u. 12. Schwimmthor.



Ansicht des Oberhauptes.

Schleuse bei Louisenthal.

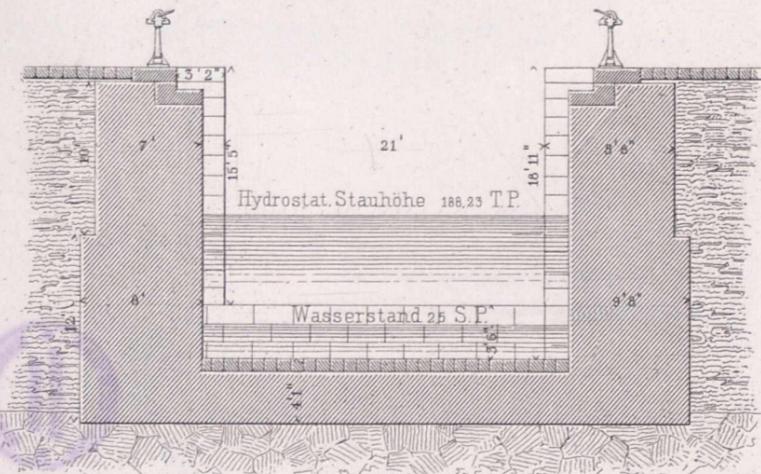
Ansicht des Unterhauptes.



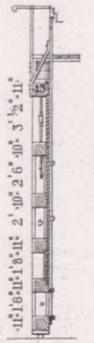
Obere Ansicht

Grundriss

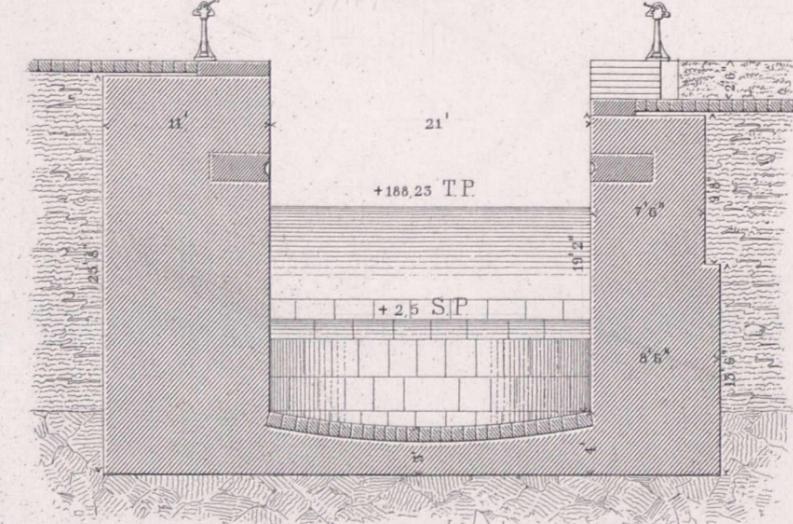
Querschnitt nach ab



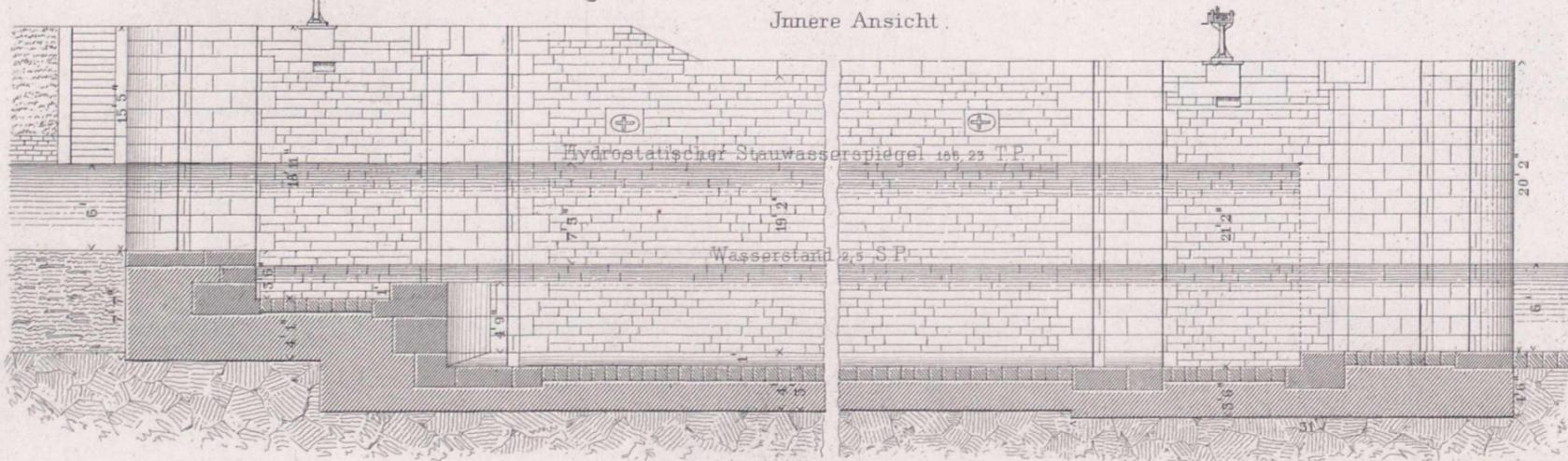
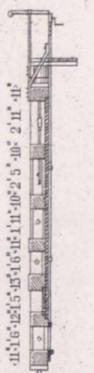
Querschnitt des Oberthores.



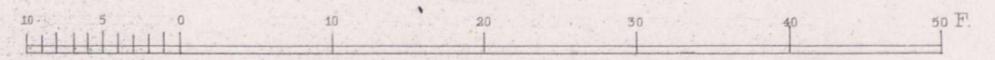
Querschnitt nach c d



Querschnitt des Unterthores.



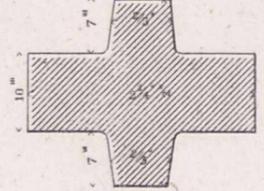
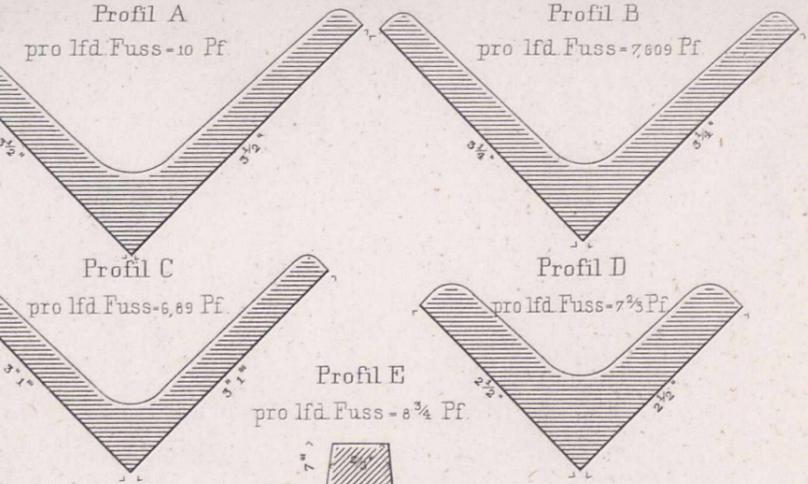
Innere Ansicht



Vorderansicht
1:12

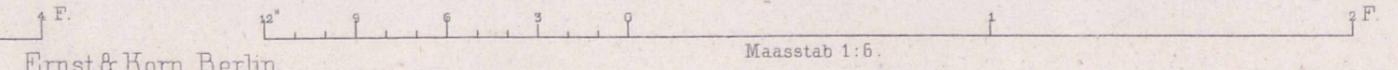
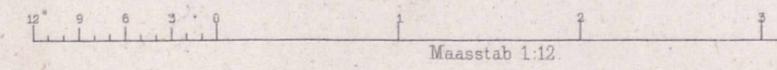
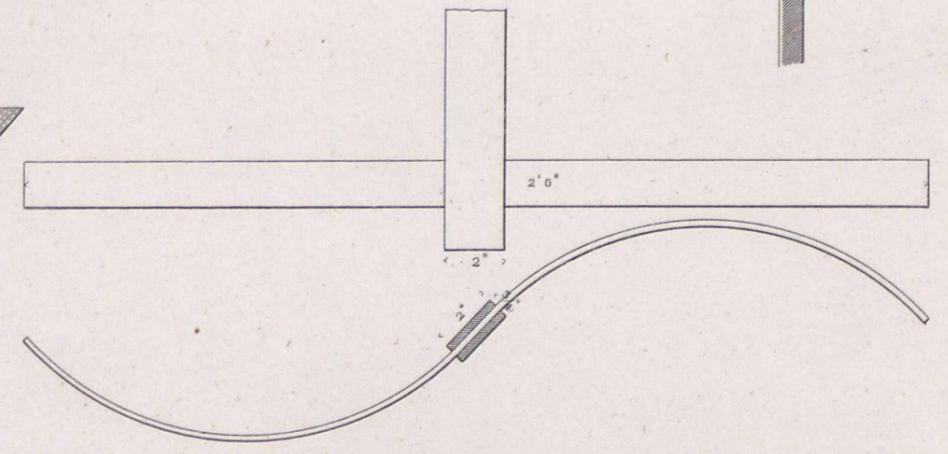
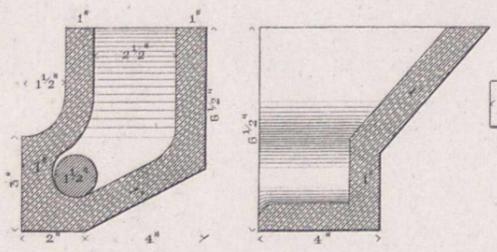
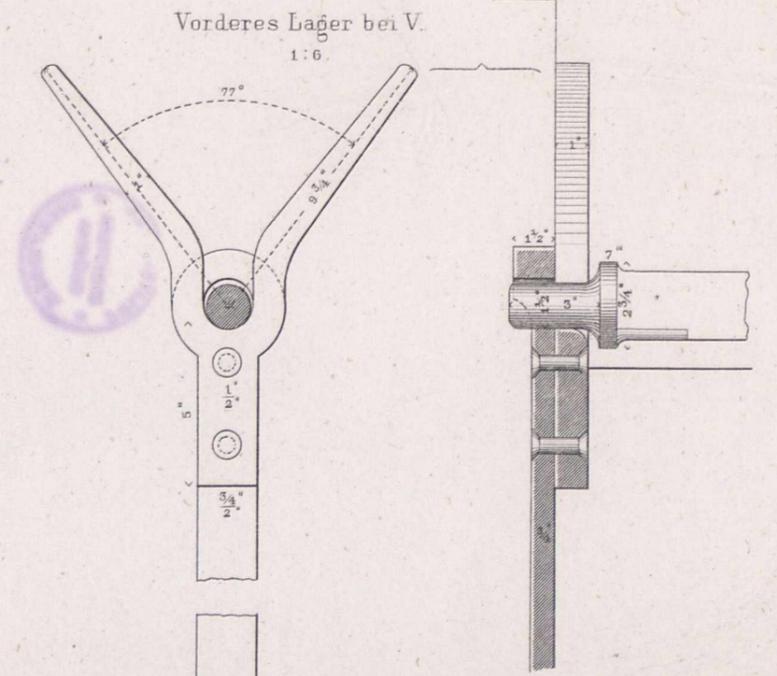
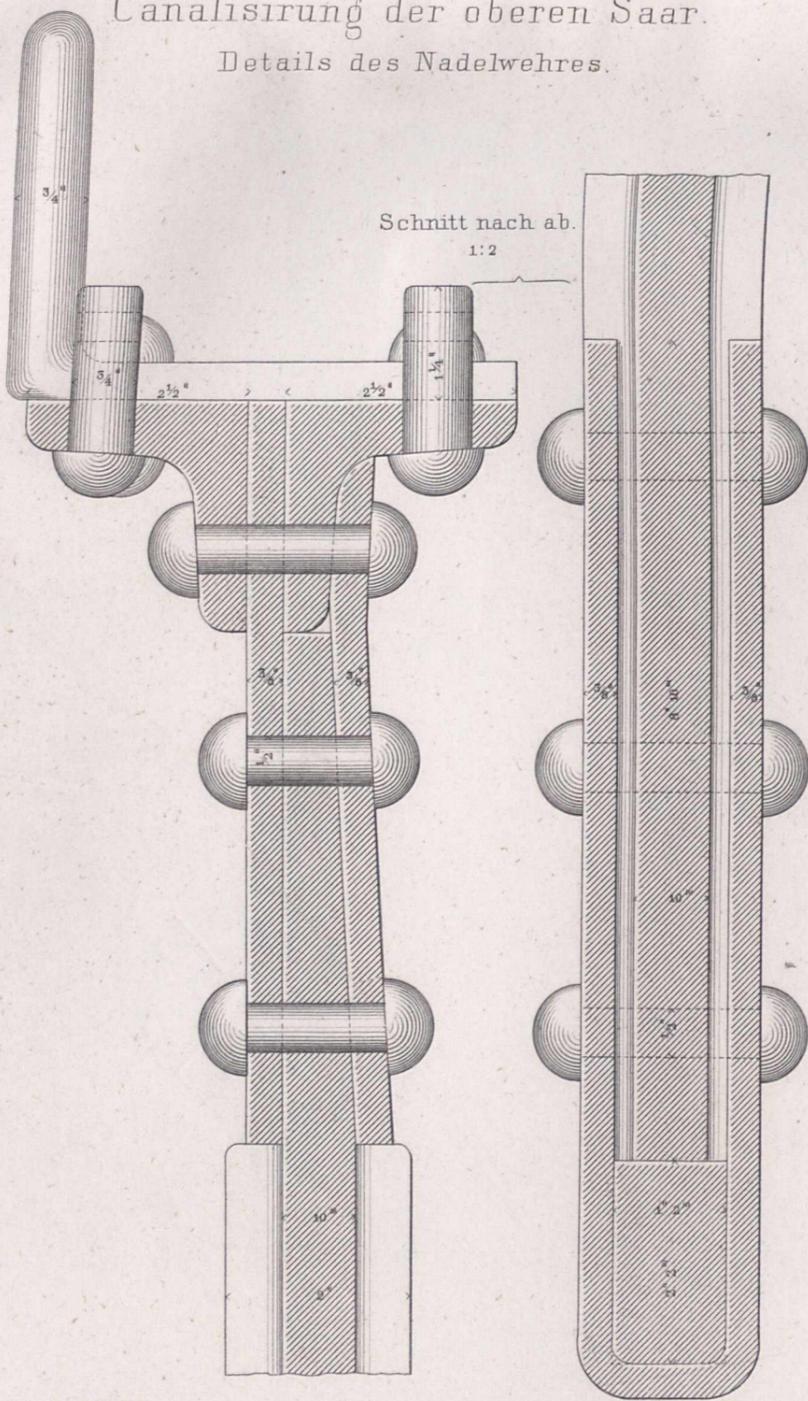
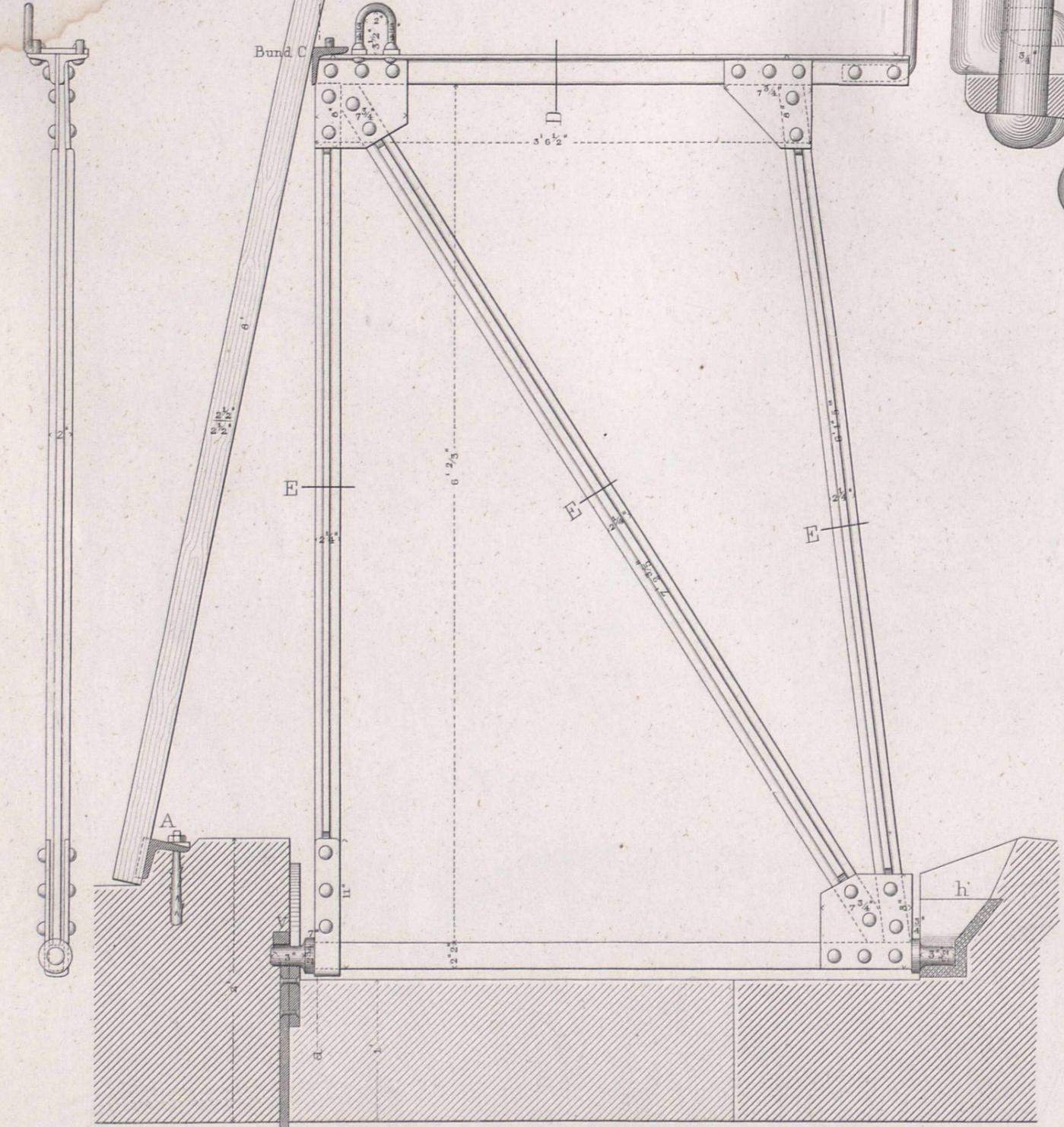
Seitenansicht.
1:12

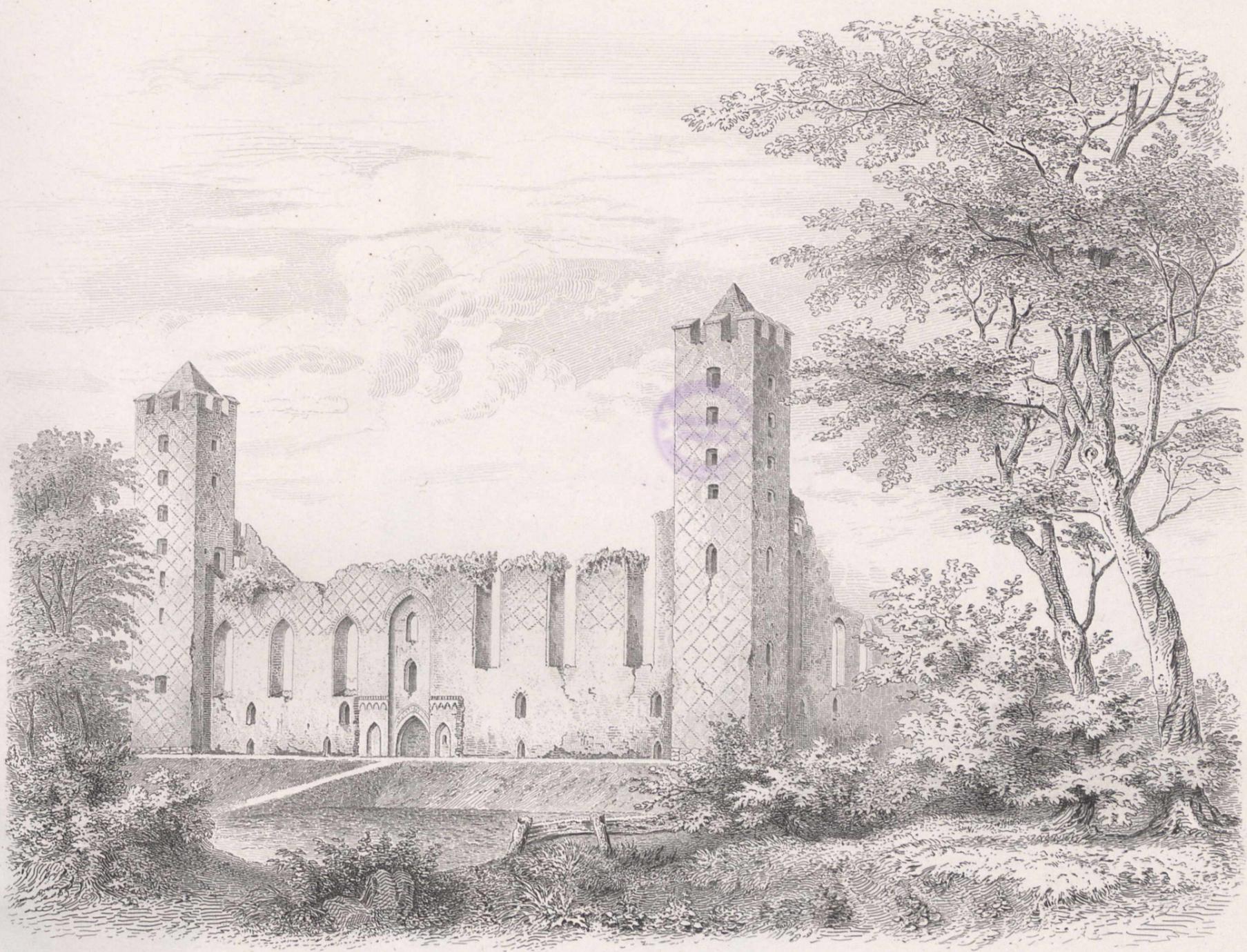
Schnitt nach ab.
1:2



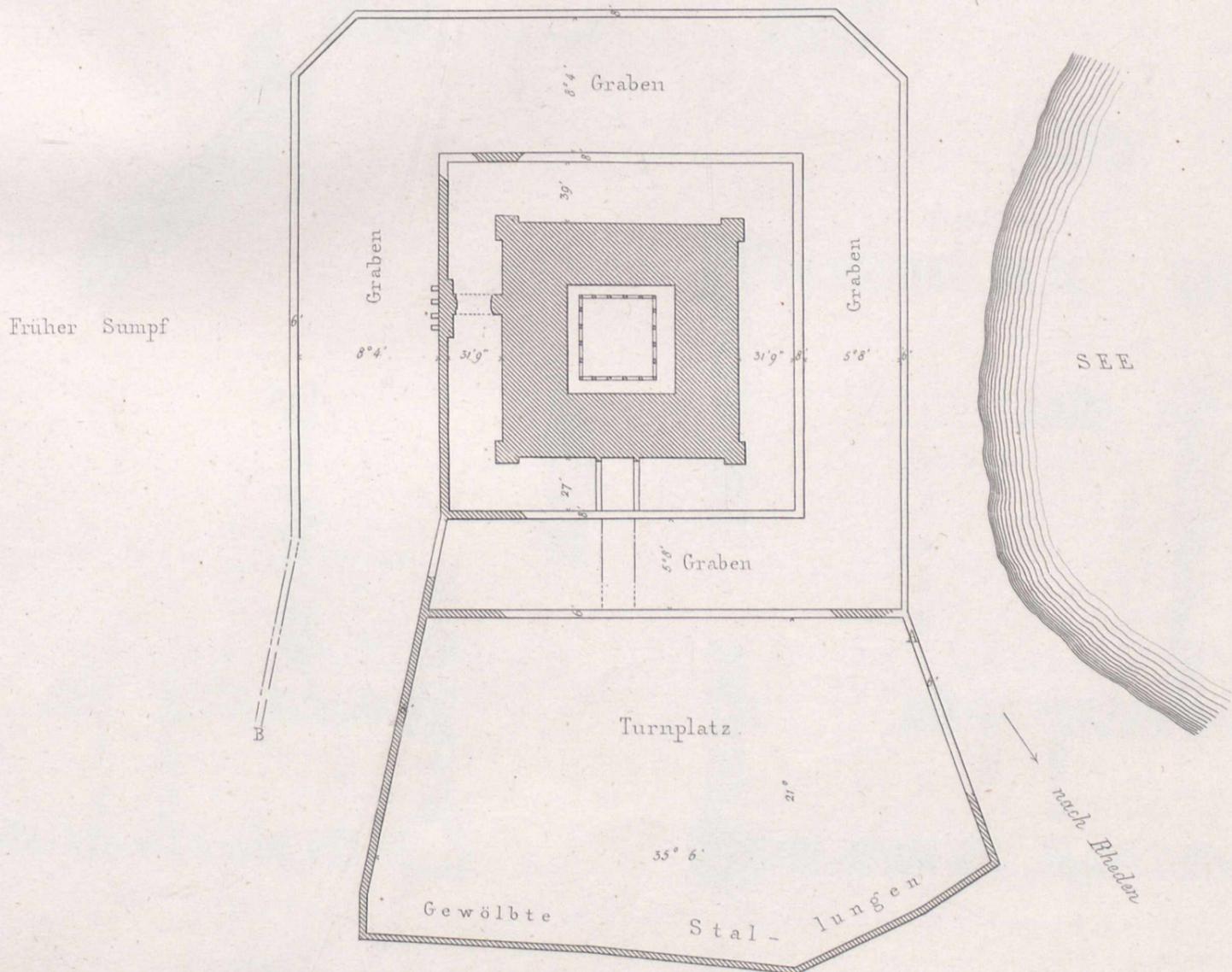
Vorderes Lager bei V.
1:6

Hinteres Lager bei h.
1:6





Situations Plan.

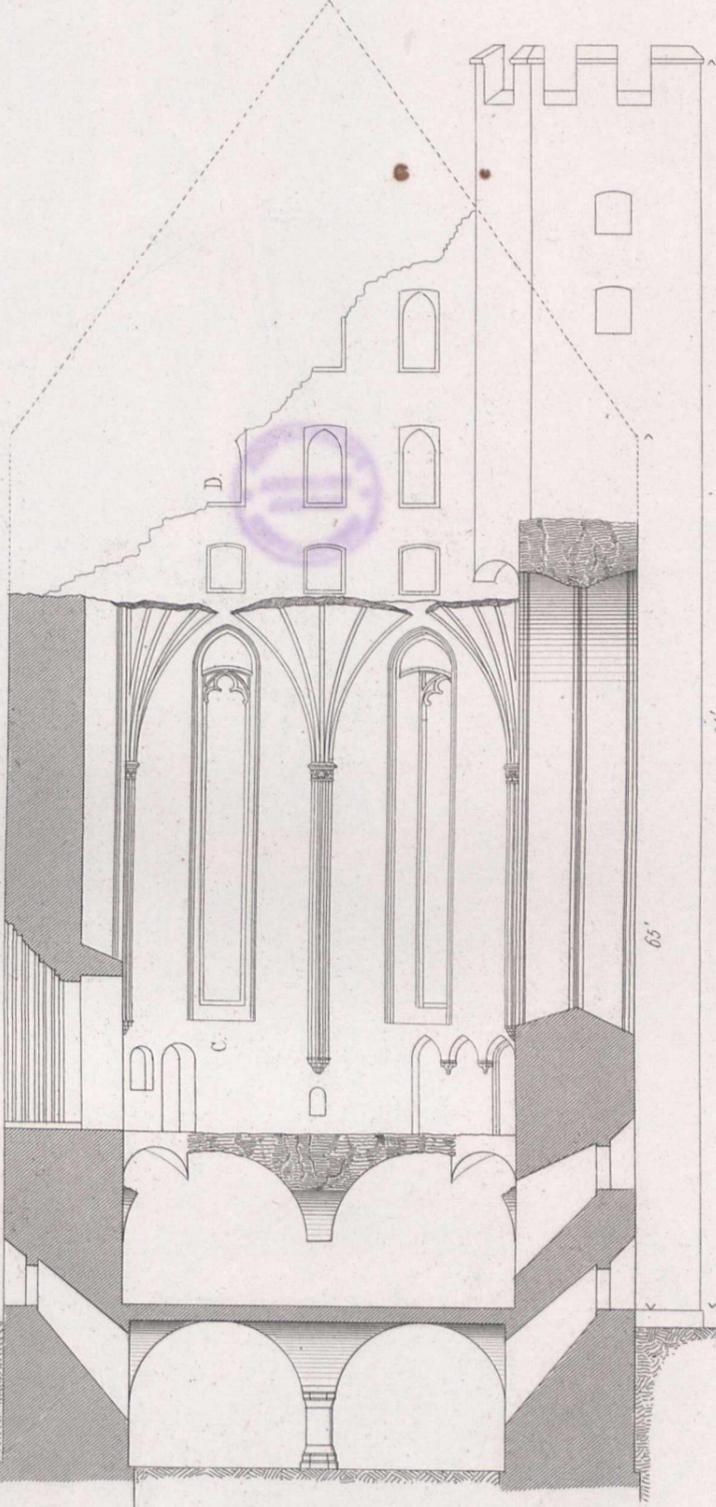


0 10 20 Ruthen.

Römer gez.

Durchschnitt nach A B.

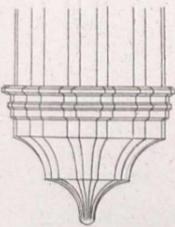
Fig. 3.



Kapit im Chor der Kapelle
Fig. 12.



Consol im Rempfer Fig. 13.



Gewölbegürte

Fig. 14.



Fig. 15.



Grundriss.



Fensterprofil.

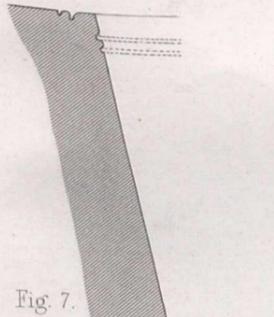
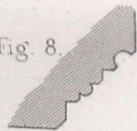


Fig. 7.

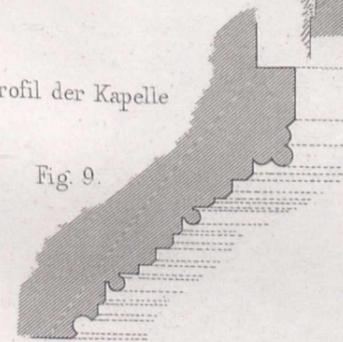
Thürprofil a

Fig. 8.



Thürprofil der Kapelle

Fig. 9.



Profil des Haupteinganges.

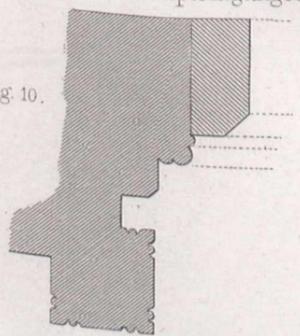
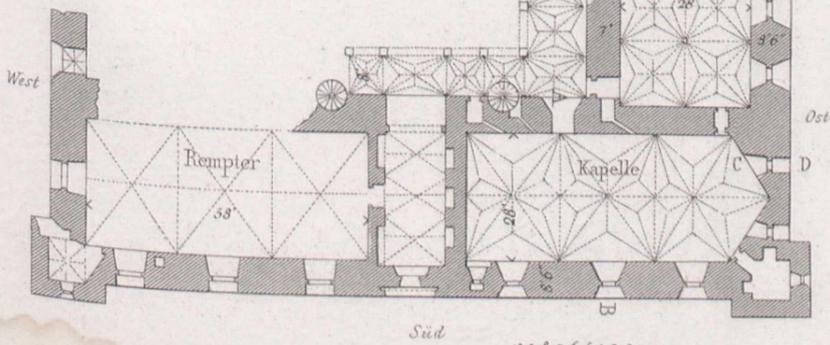
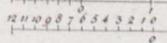
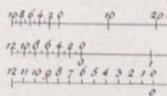
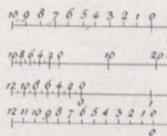


Fig. 10.

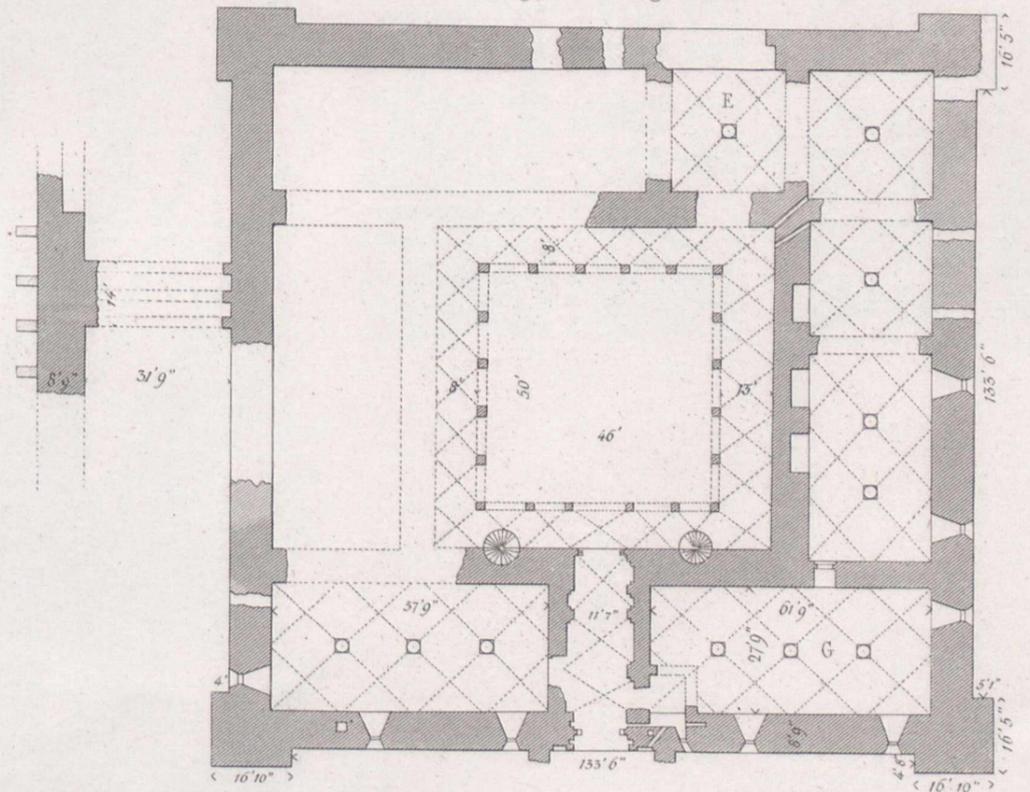
Hauptgeschoss Fig. 2.



Süd



Erdgeschoss Fig. 1.



50 Fuss Durchschnitt Fig. 3-4.

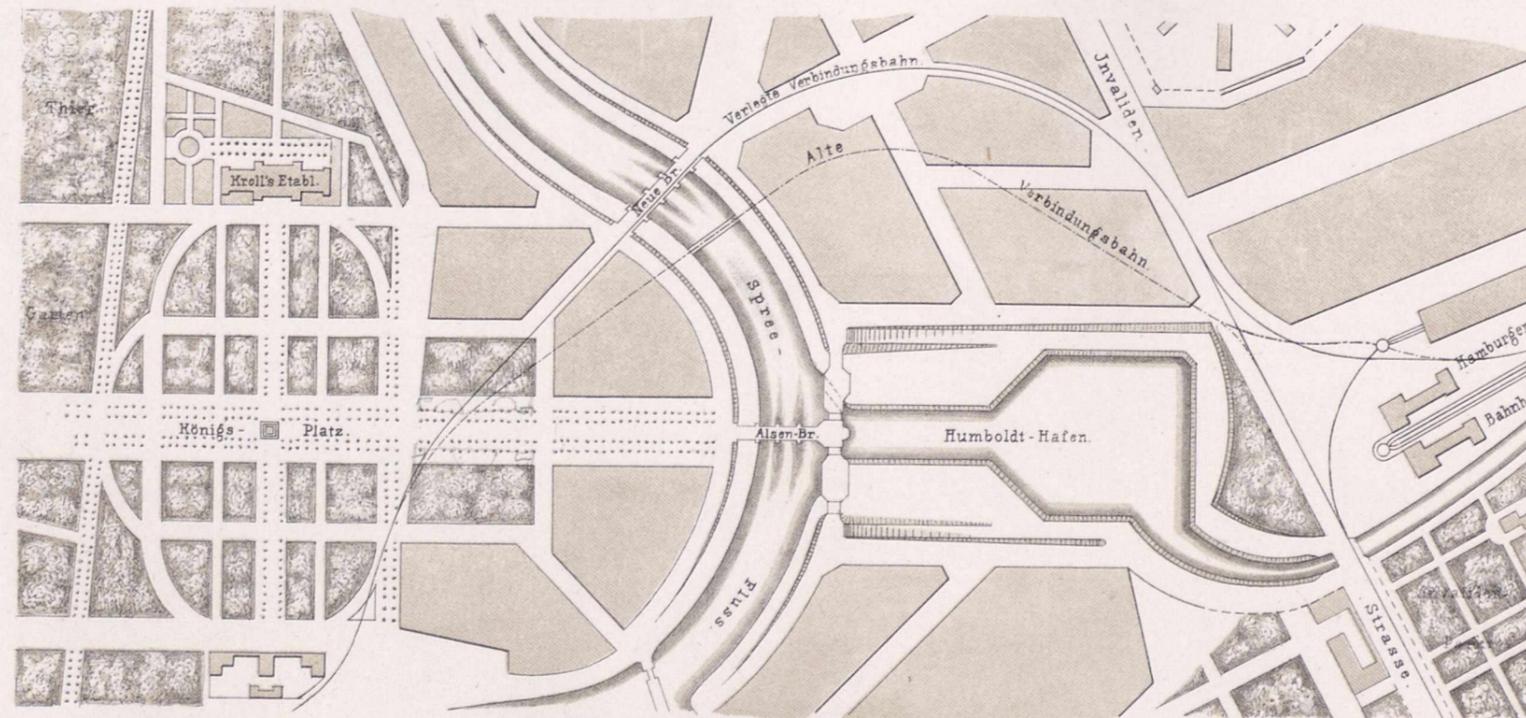
200 Fuss Grundrisse Fig. 1-2.

10 Fuss Profile Fig. 4 bis 10.

1 Fuss Fig. 11 bis 15.



Unterspree - Brücke
in der



Bahnhofs - Verbindungsbahn
zu Berlin.

Fig. 1. Ansicht.

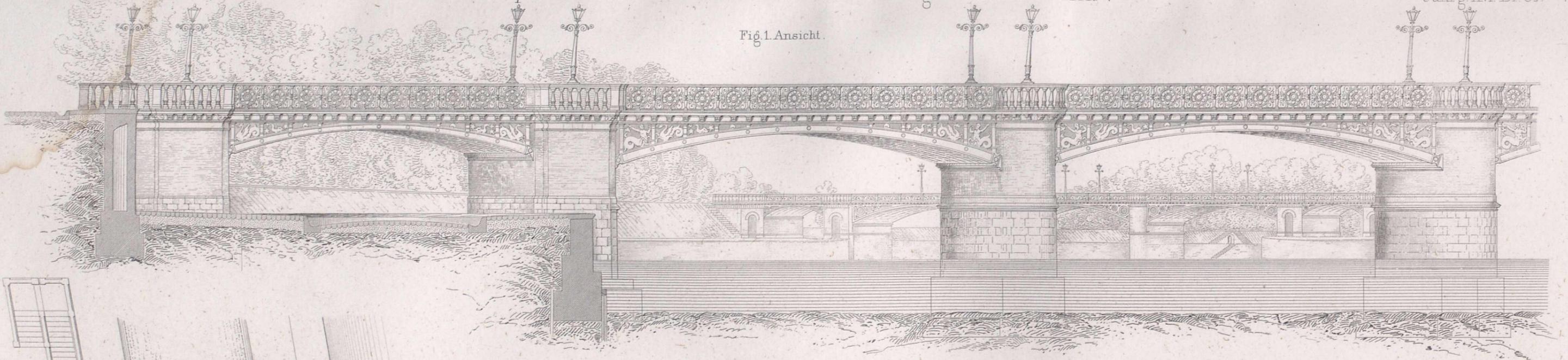


Fig. 2. Grundrifs.

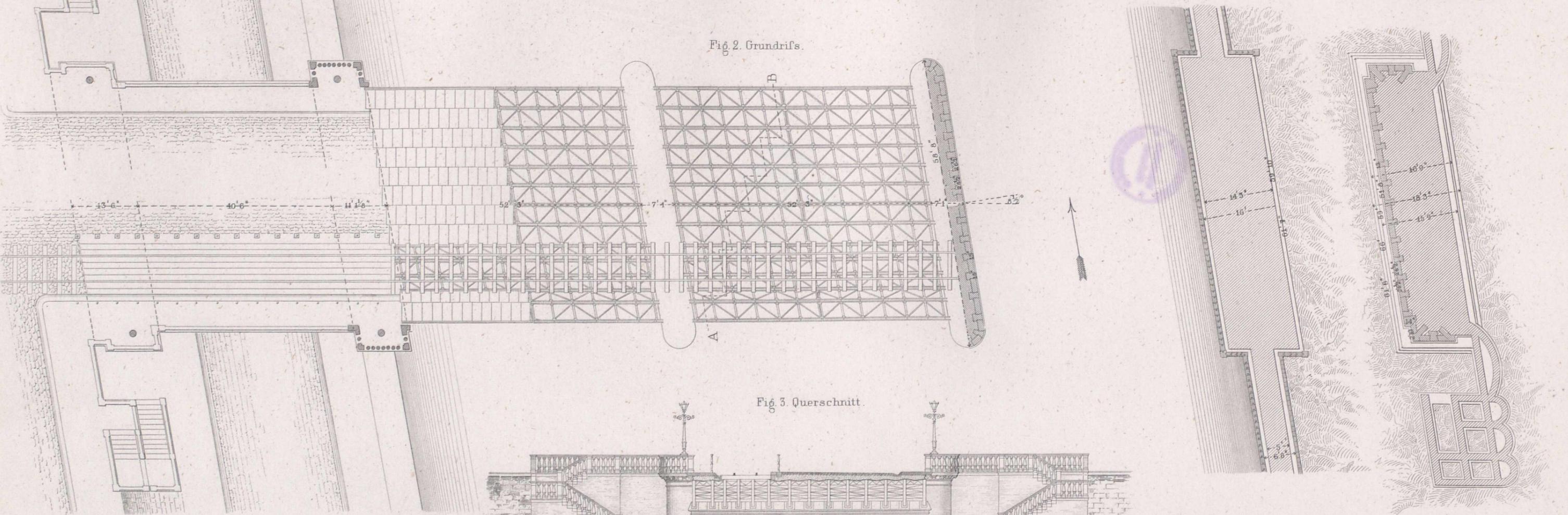
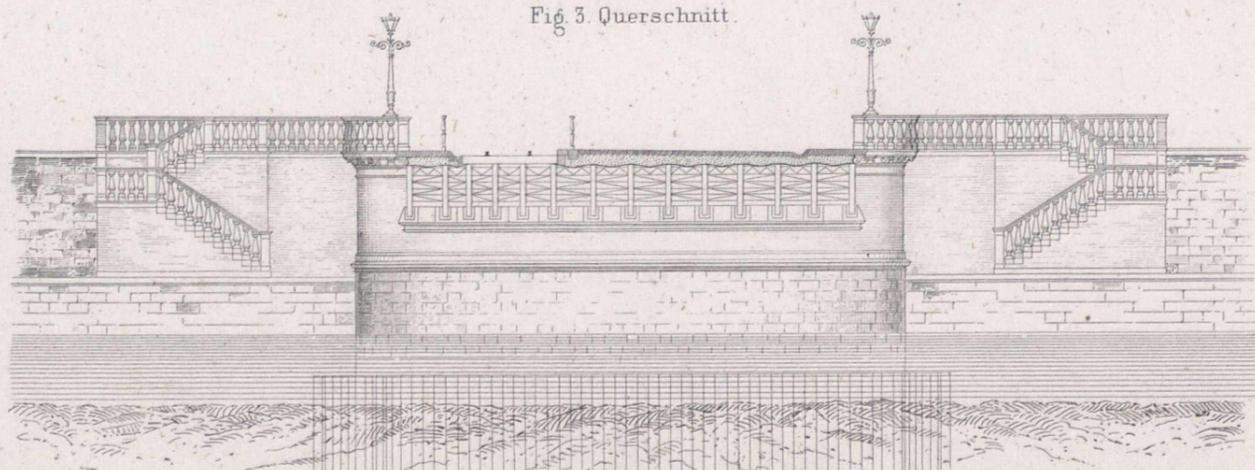


Fig. 3. Querschnitt.



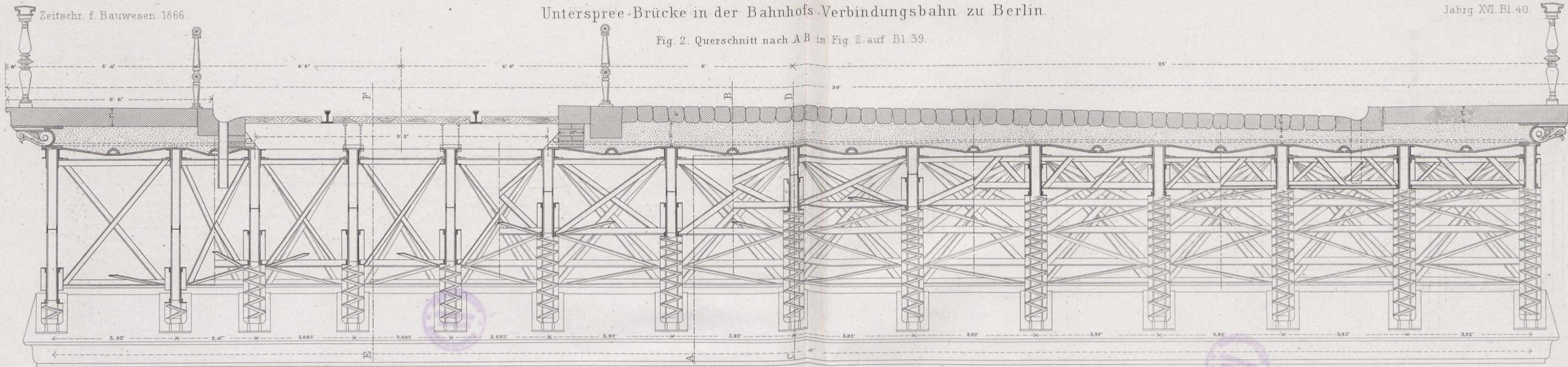
10 5 0 10 20 30 40 50 F.

zu Fig. 1.

10 5 0 10 20 30 40 50 60 70 F.

zu Fig. 2 u. 3.

Fig. 2. Querschnitt nach A B in Fig. 2. auf Bl. 39.



nach C D (Fig. 2.)

Fig. 1. Längenschnitt.

nach A B (Fig. 2.)

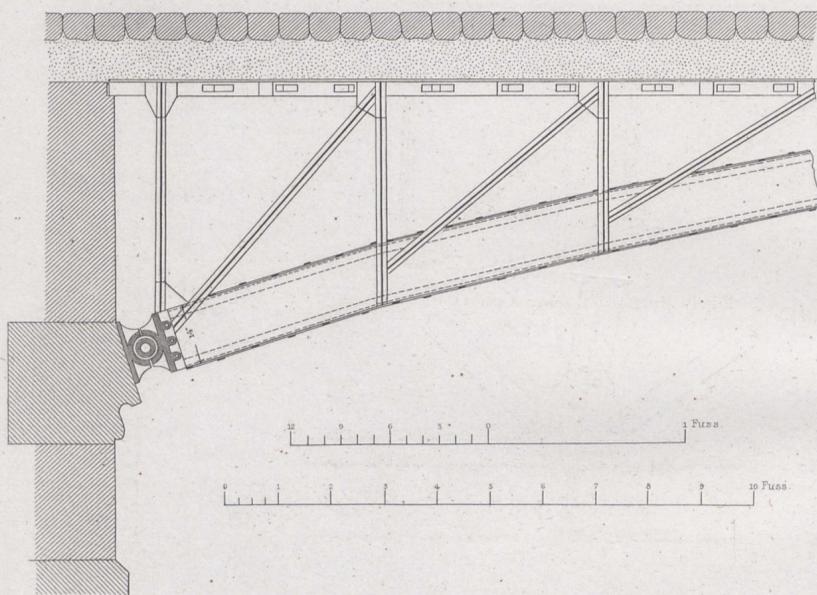


Fig. 4. Ansicht von oben.

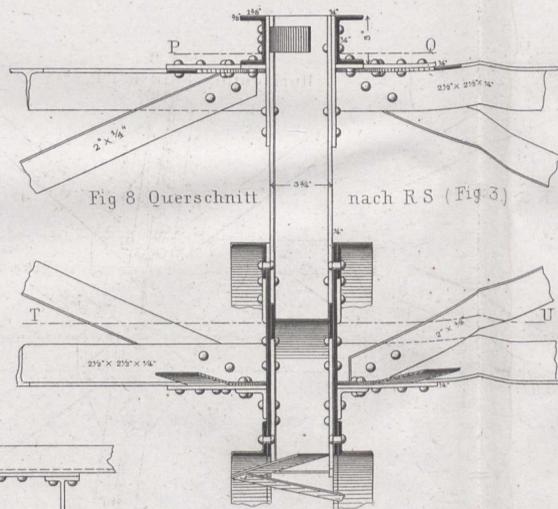


Fig. 8 Querschnitt

nach R S (Fig. 3)

Fig. 9. Horizontalschnitt n T U (Fig. 3).

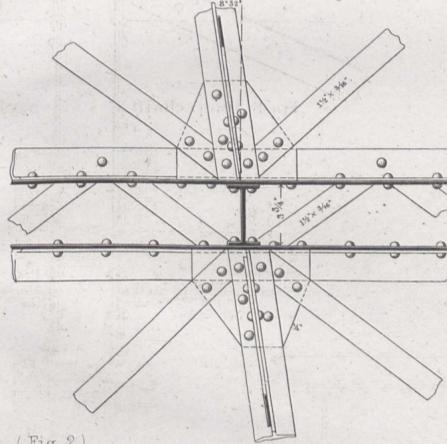


Fig. 10. Horizontalschnitt n P Q (Fig. 8).

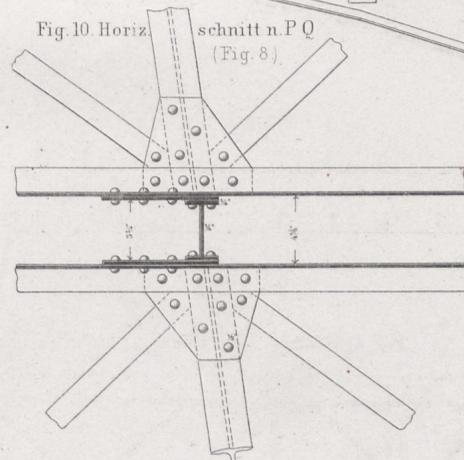


Fig. 3* Querschnitt nach A B (Fig. 2.)

Fig. 3. Seitenansicht.

Fig. 3b Schnitt nach V W.

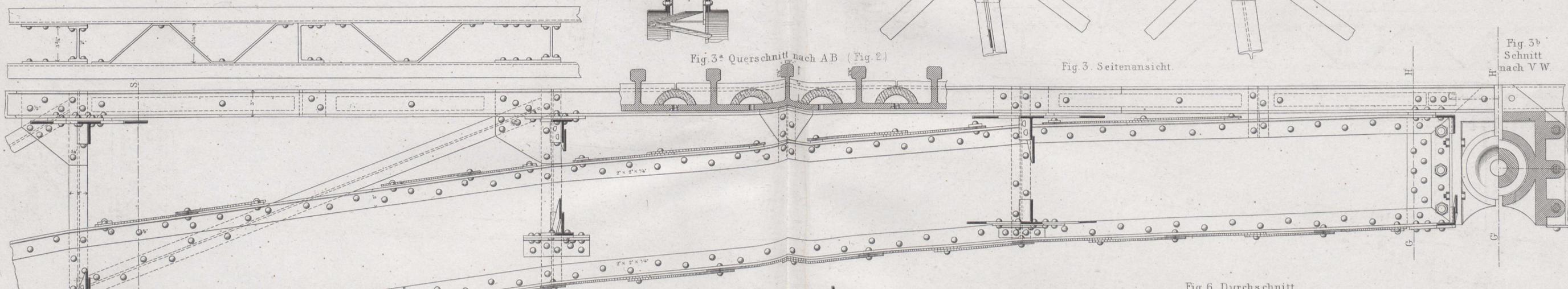
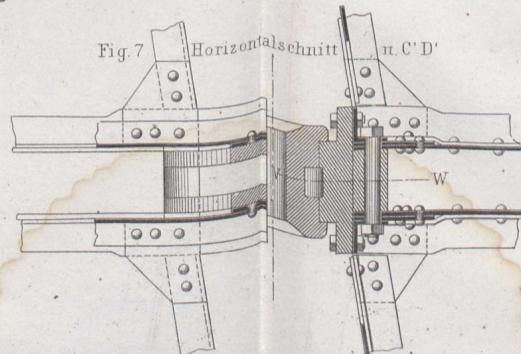


Fig. 6. Durchschnit.

Fig. 7. Horizontalschnitt n C' D'.



nach G H

nach G'H.

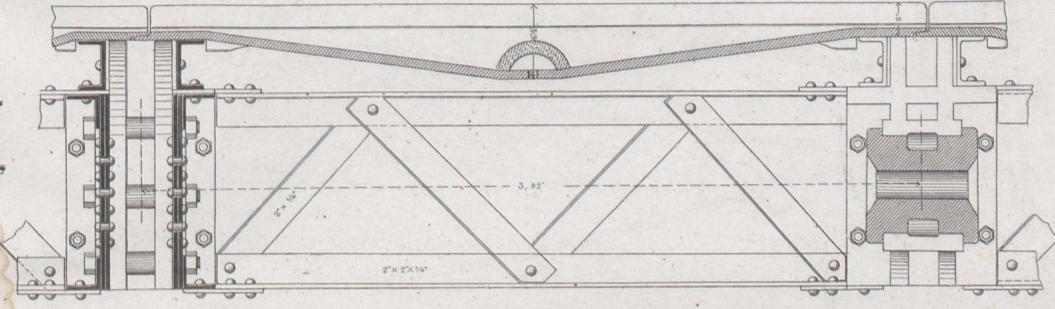


Fig. 5. Ansicht von unten.

Fig. 1. Längenschnitt nach EF (in Fig. 2 auf Bl. 40).

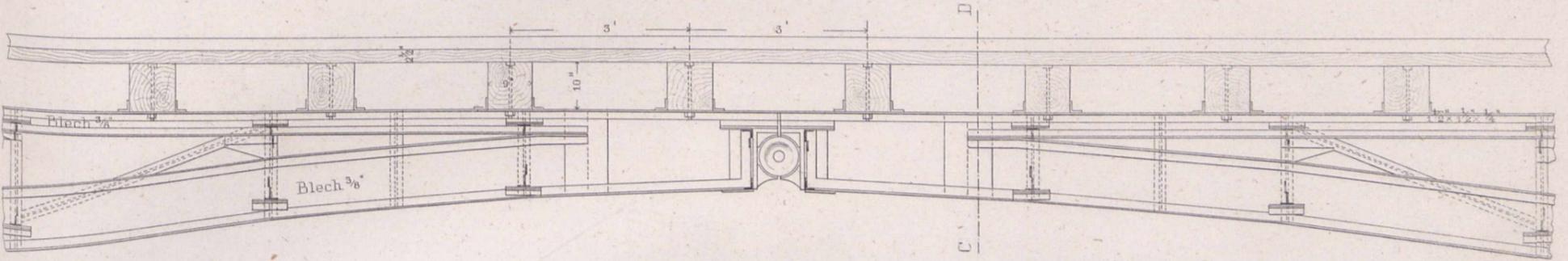


Fig. 2. Seitenansicht des Widerlager-Bolzens.

Fig. 3. Längenschnitt nach JK (Fig. 5).

Fig. 4. Querschnitt n. NO (Fig. 3).

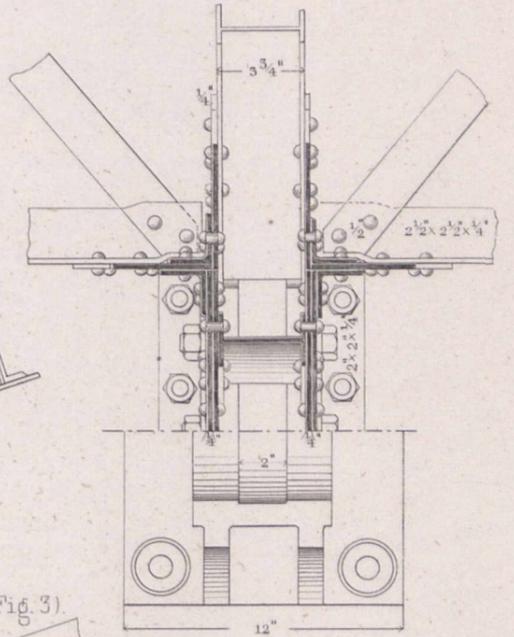
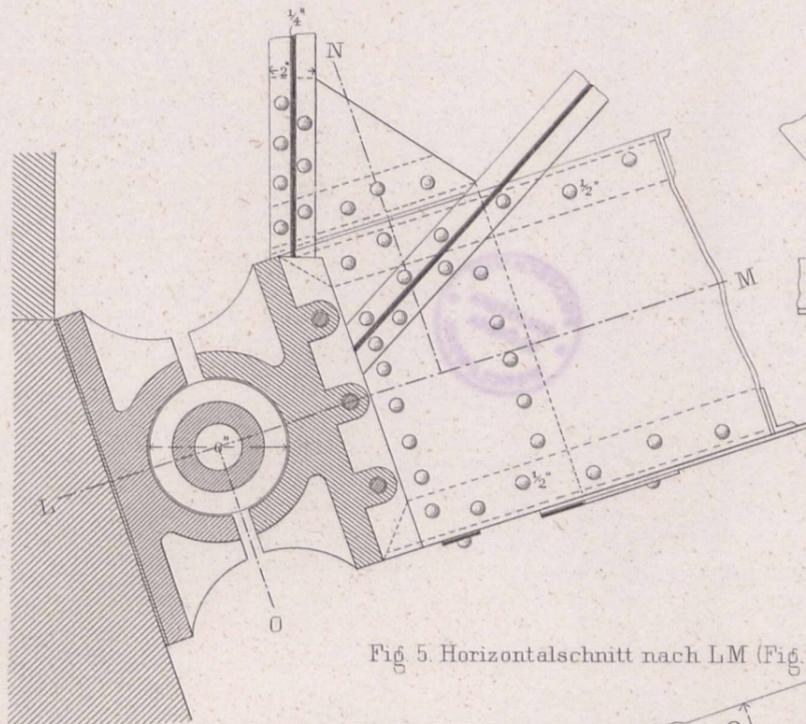
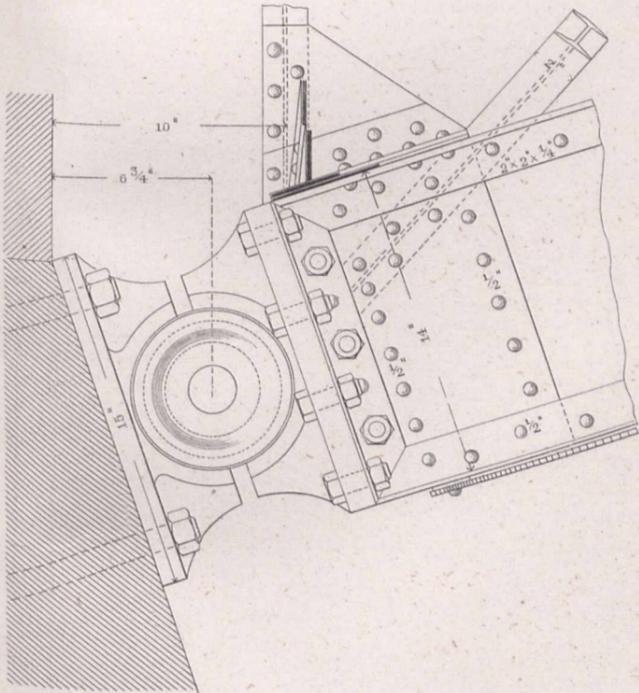


Fig. 5. Horizontalschnitt nach LM (Fig. 3).

Fig. 7. Unteransicht der Belagsplatte.

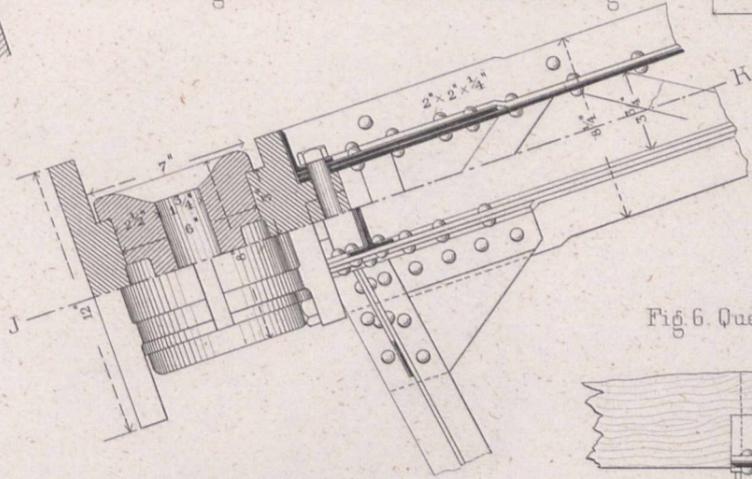


Fig. 6. Querschnitt nach CD (Fig. 1).

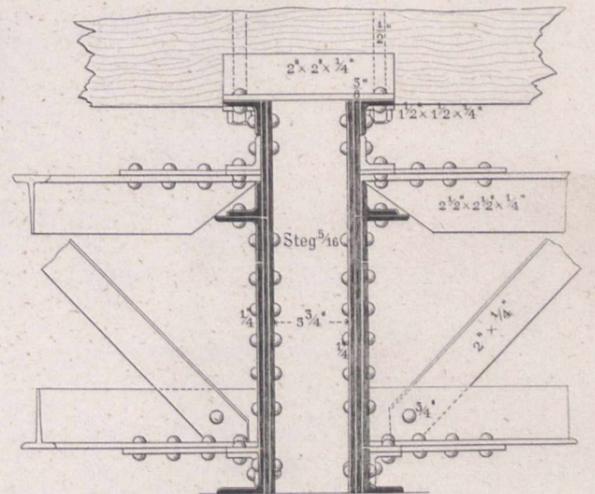
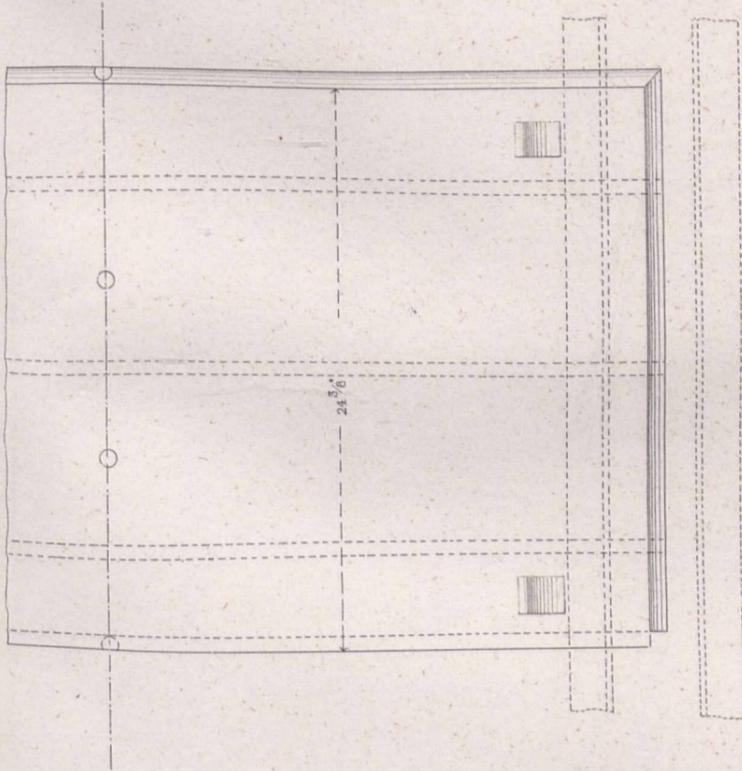
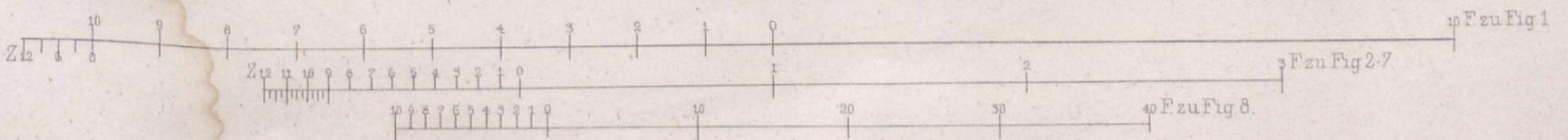
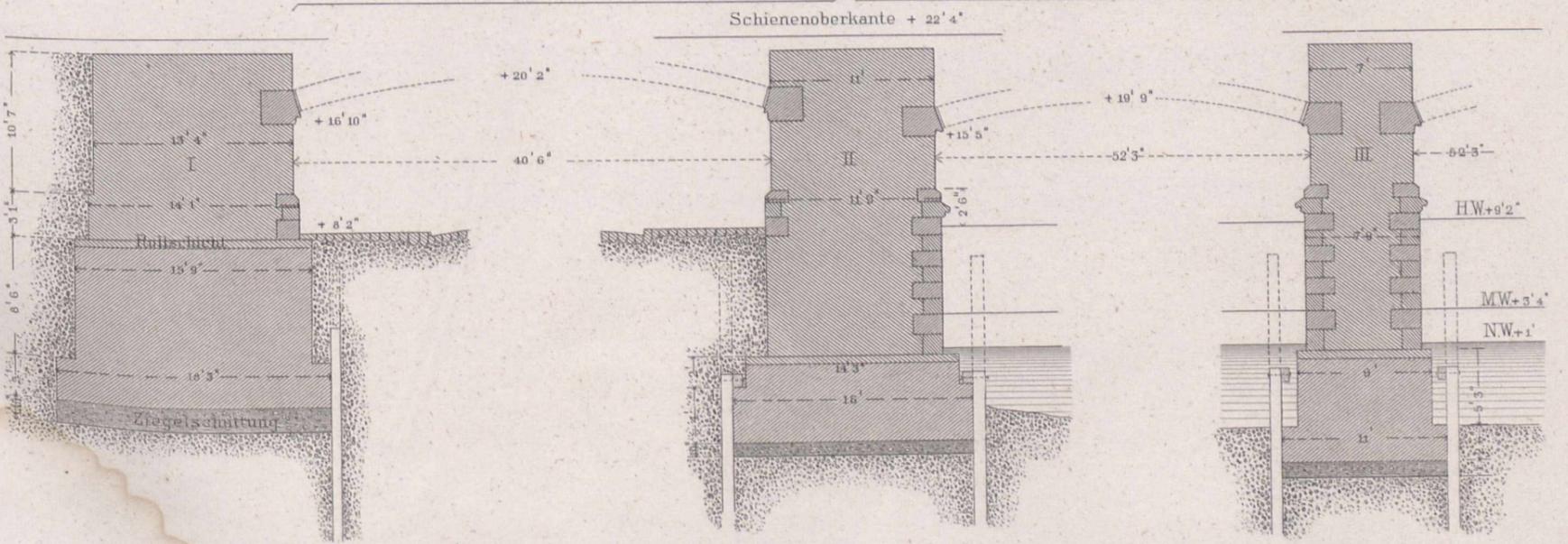
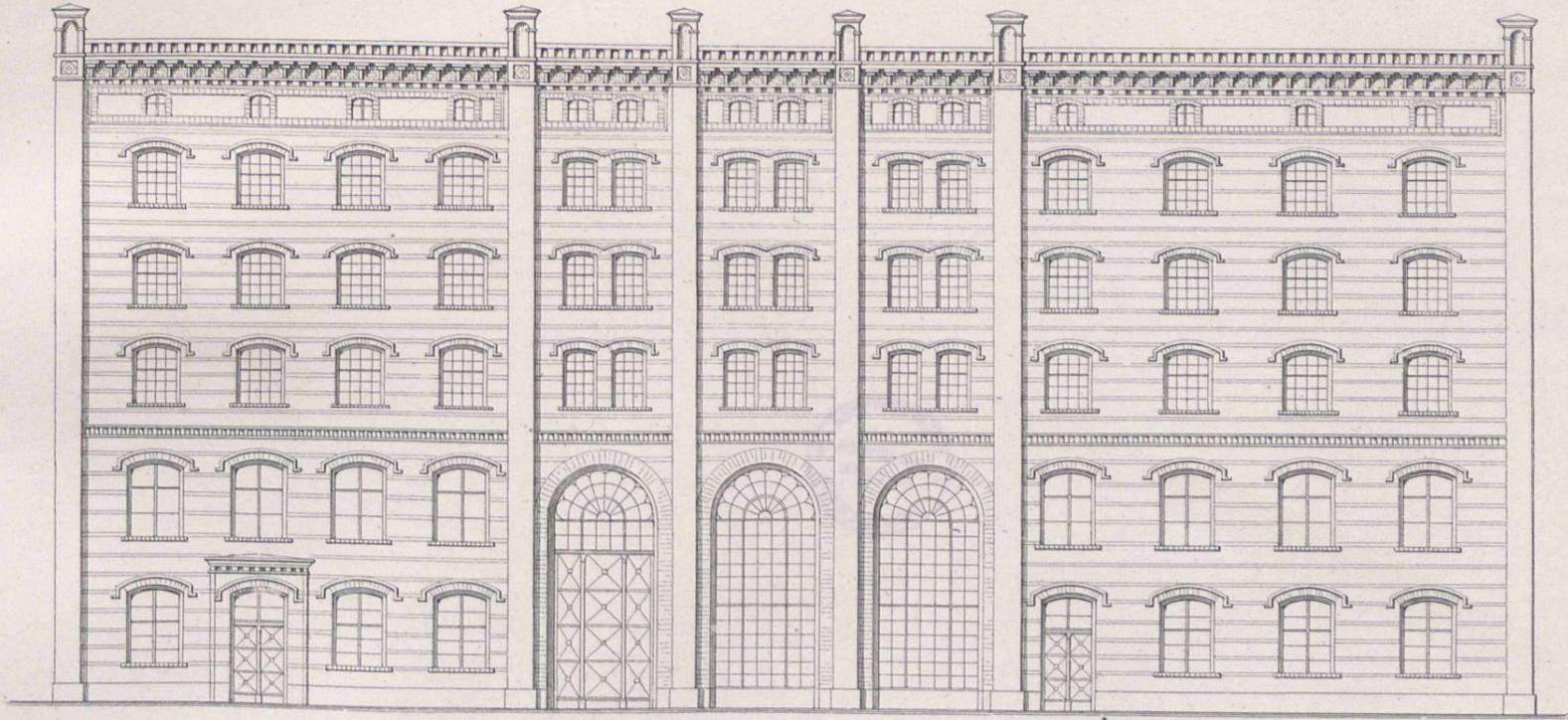


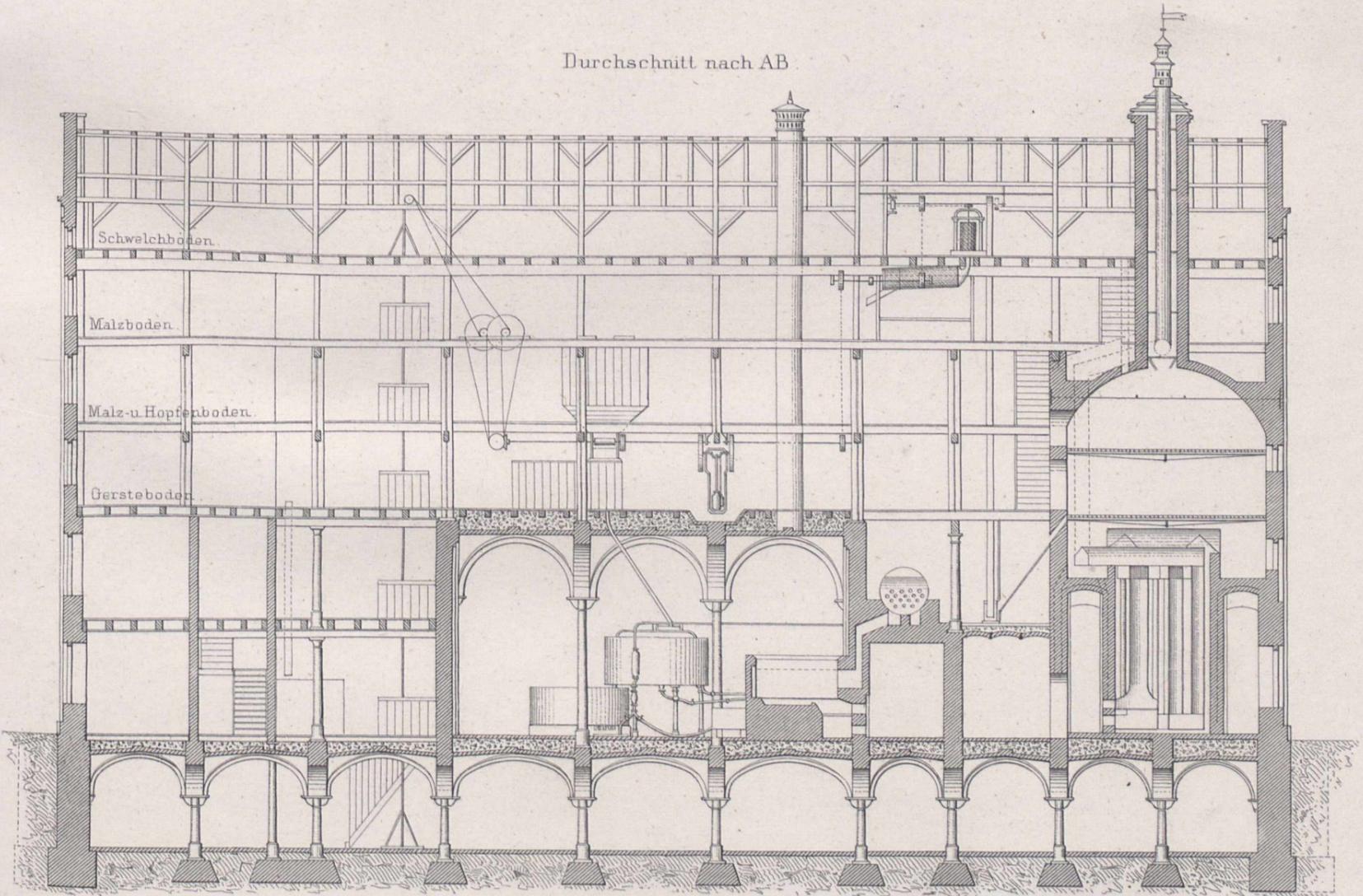
Fig. 8. Querprofile der Pfeiler.





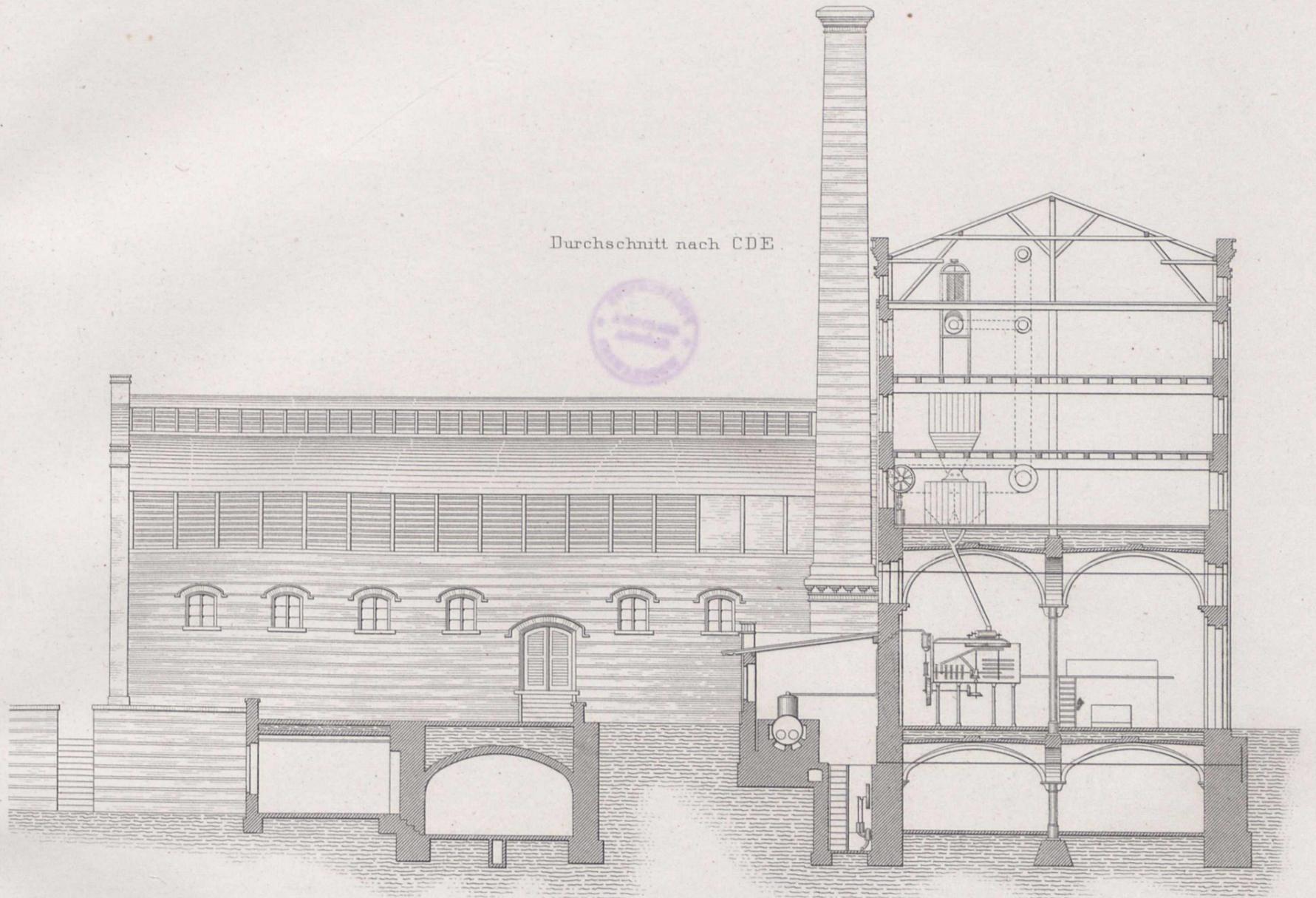
Ansicht.

Durchschnitt nach AB.



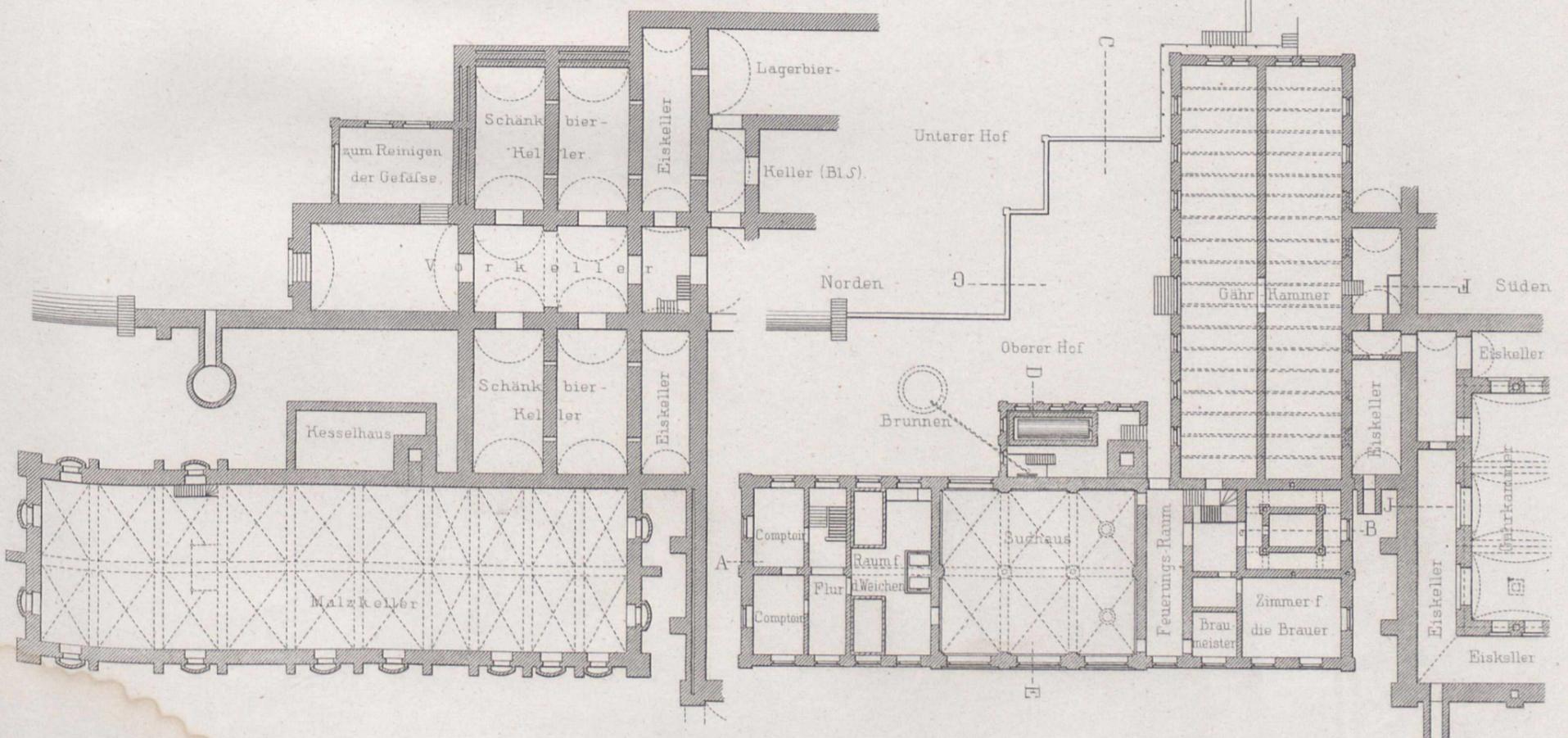
10 5 0 10 20 30 40 50 60 70 80 90 F.

Durchschnitt nach CDE.



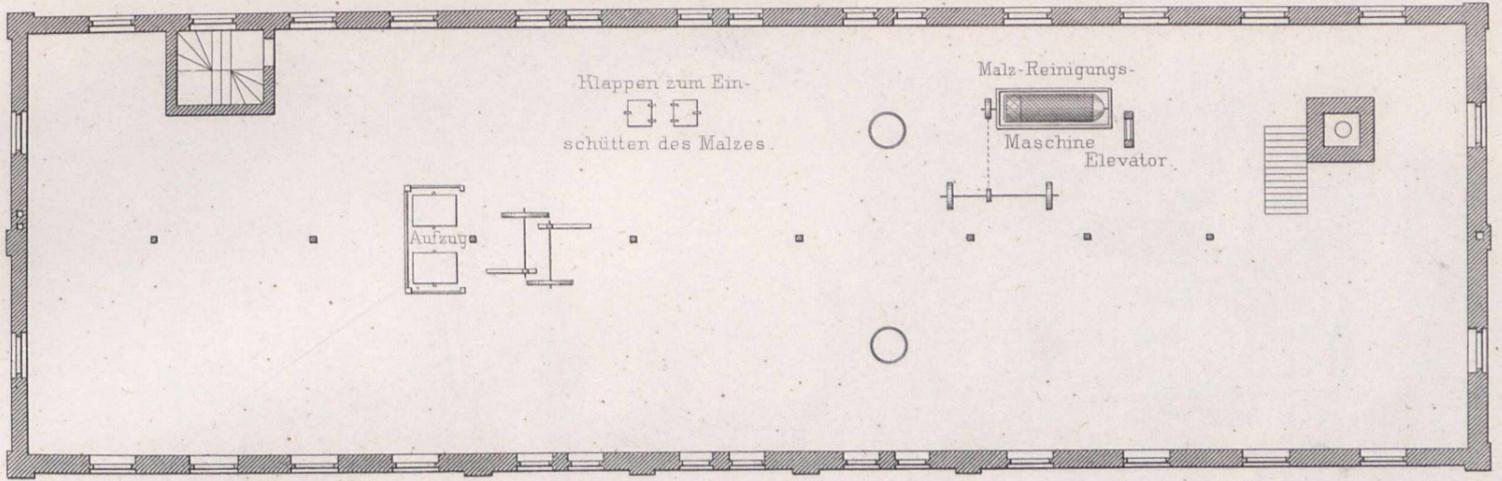
Grundriss der (Malz-u. Schänkbier) Keller.

Grundriss des Erdgeschosses.



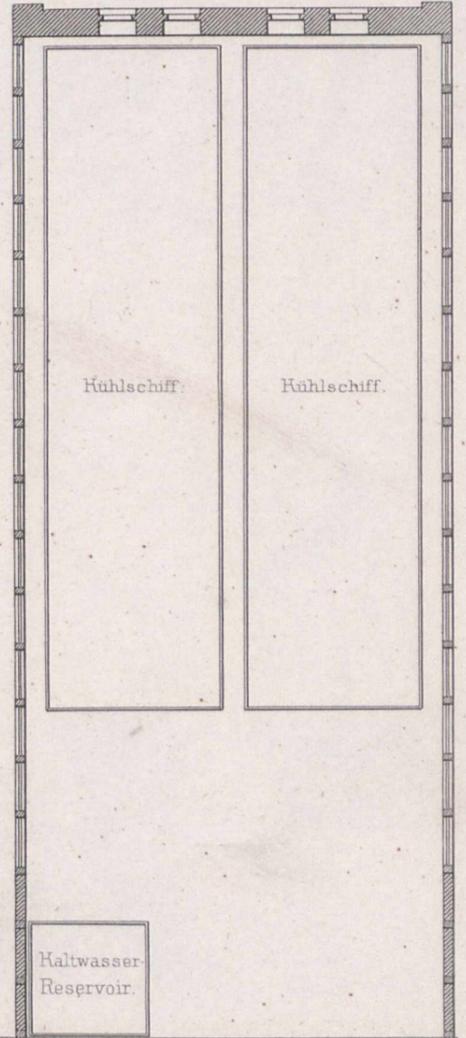
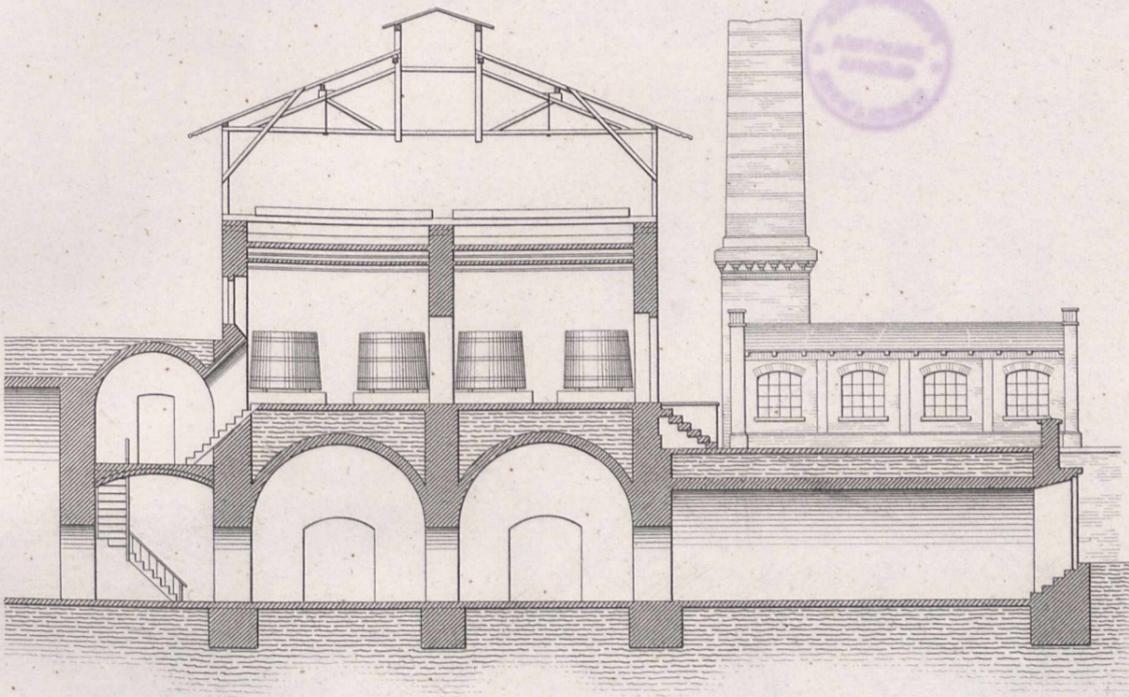
Ernst & Korn. Berlin.

Walther gest.

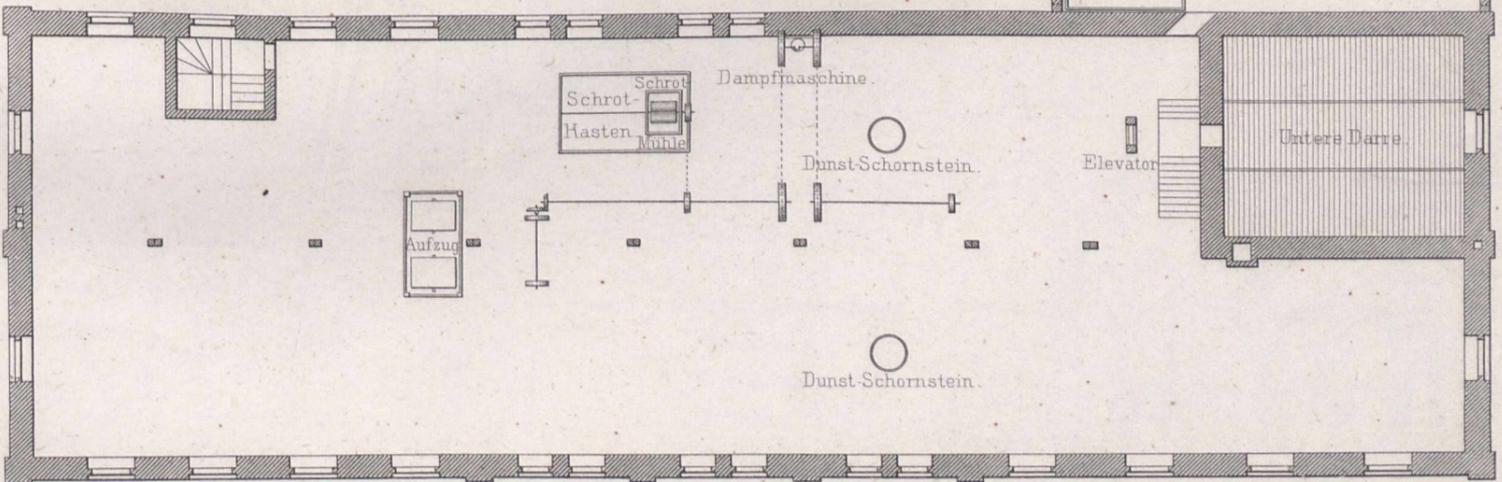


IV. Etage (Malzboden).

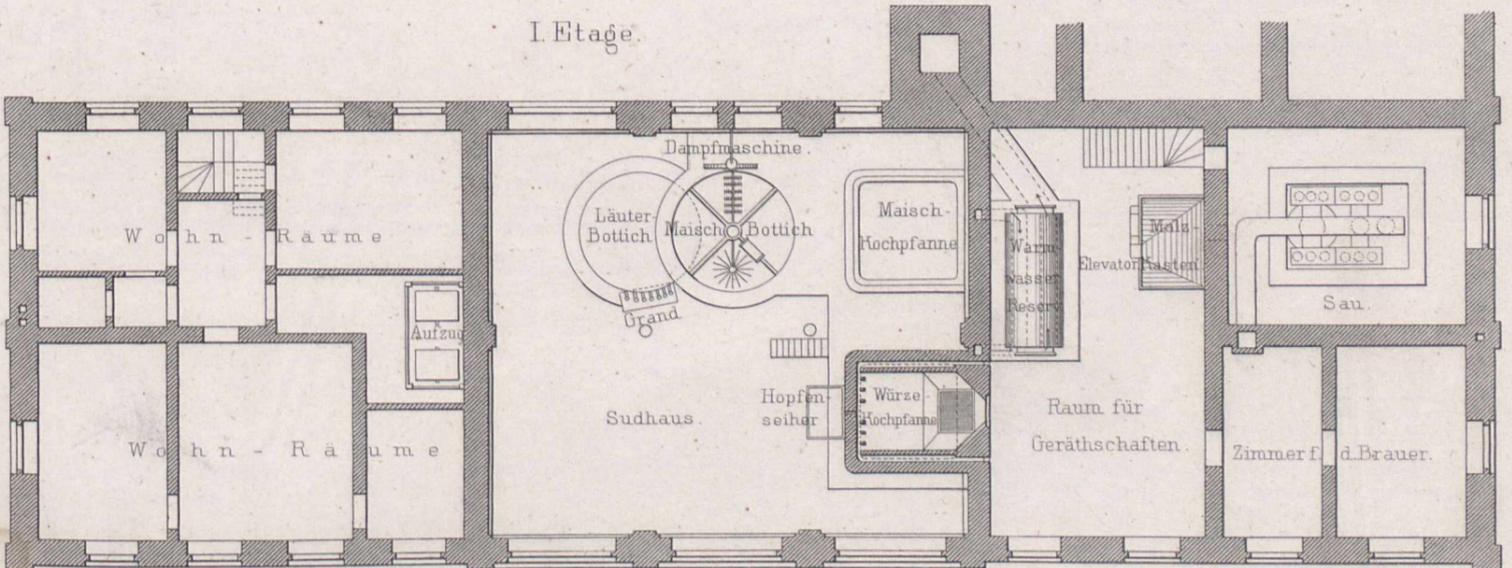
Durchschnitt nach F'G.



II. Etage (Gersteboden).



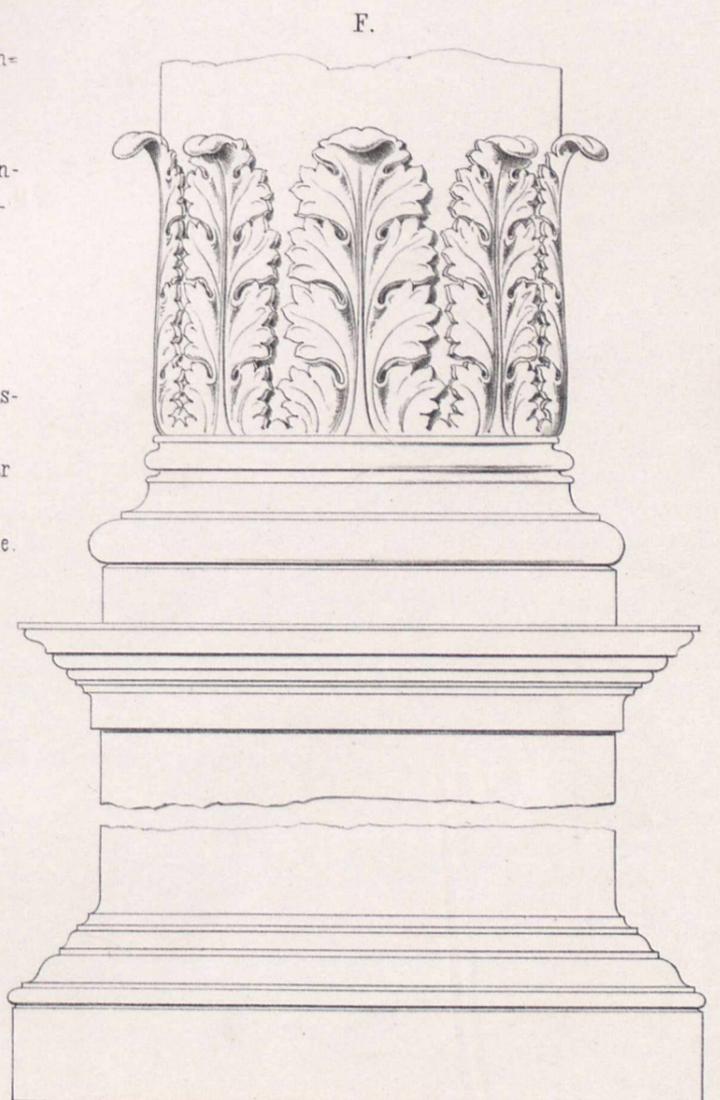
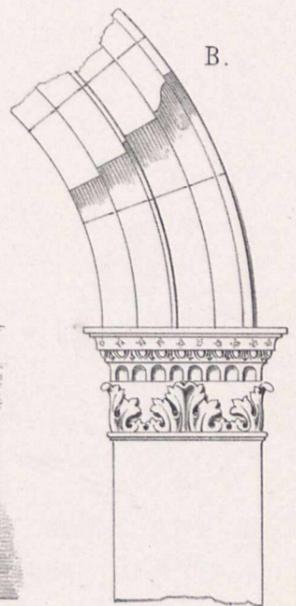
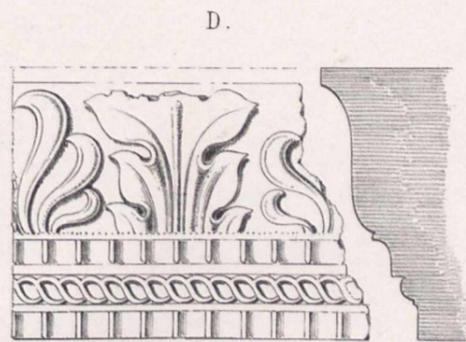
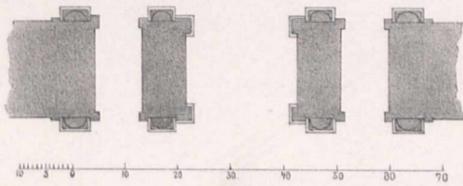
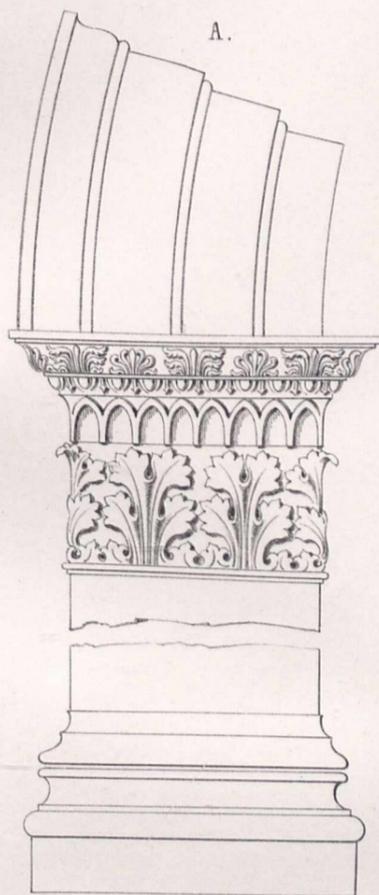
I. Etage.



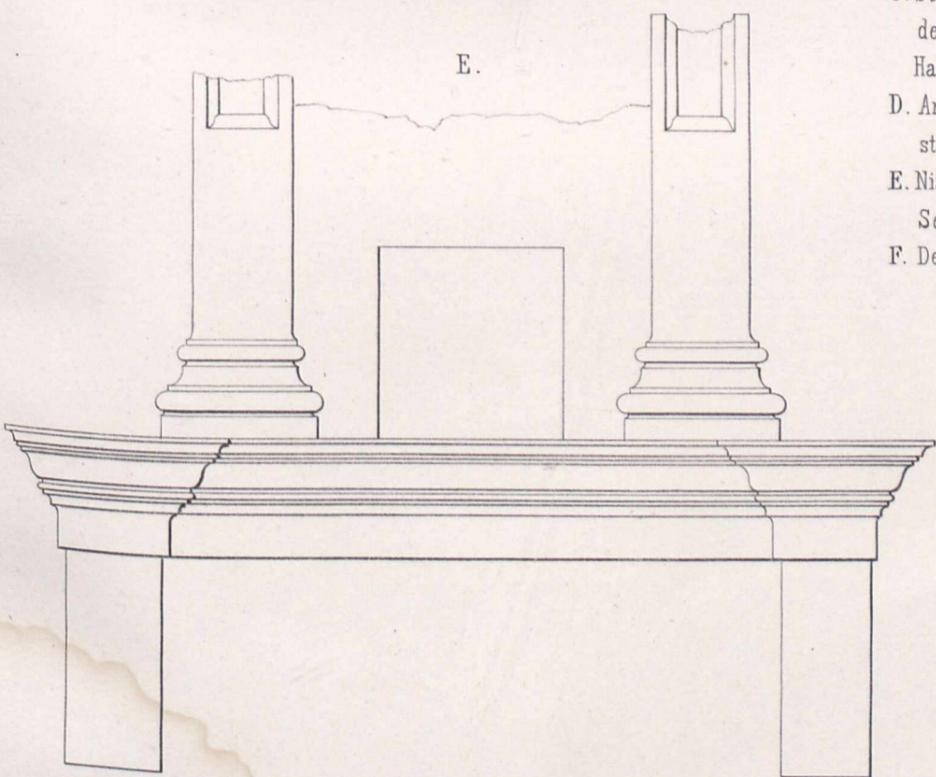


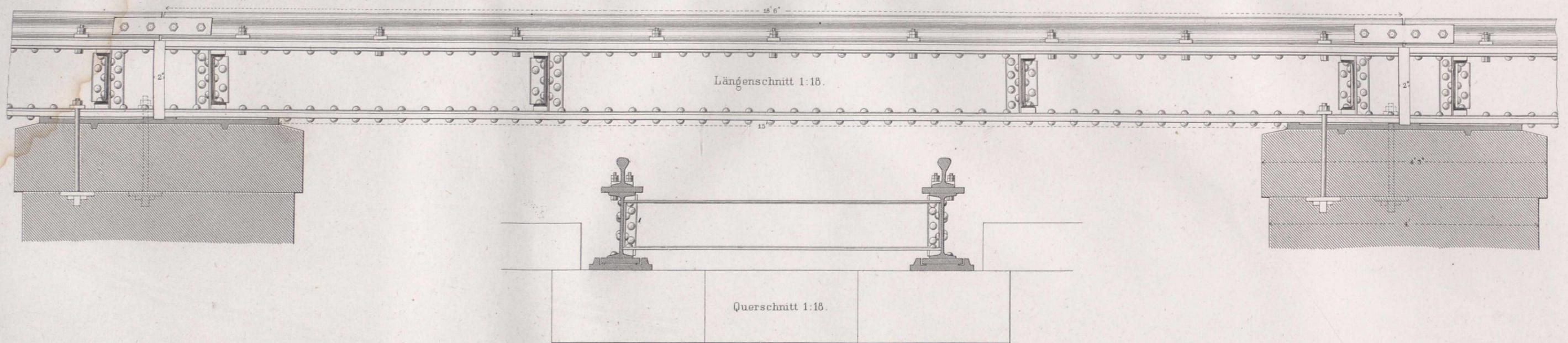
Ammān Thor (Bab'el Ammān) in Gerasa.

Grundriss.

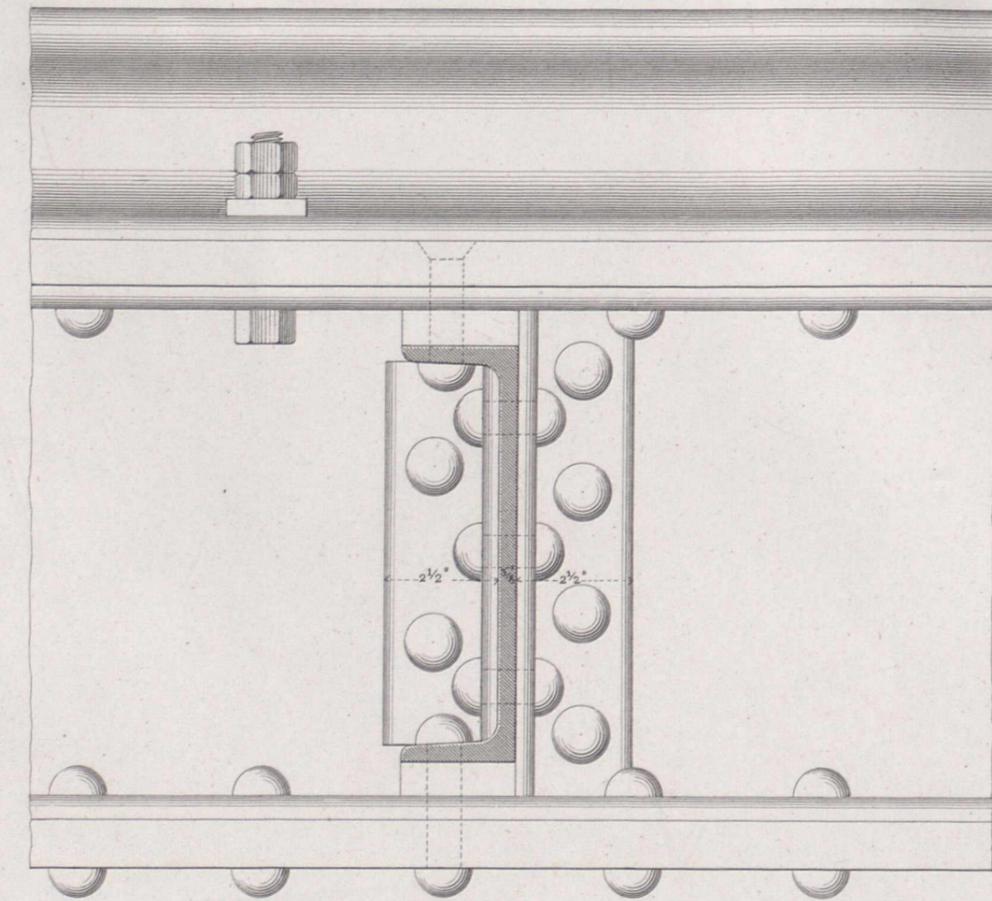


- A. Eckpfeiler und Bogen-
Anfang des Haupt-
Portales.
- B. Eckpfeiler und Bogen-
Anfang eines Neben-
Portales.
- C. Seitenansicht eines
der Capitale der
Halbsäulen.
- D. Ansicht eines Gesims-
stückes.
- E. Nische über einem der
Seiten-Portale.
- F. Detail einer Halbsäule.

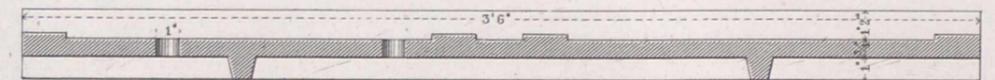




Längenschnitt der Ueberbrückung 1:4.

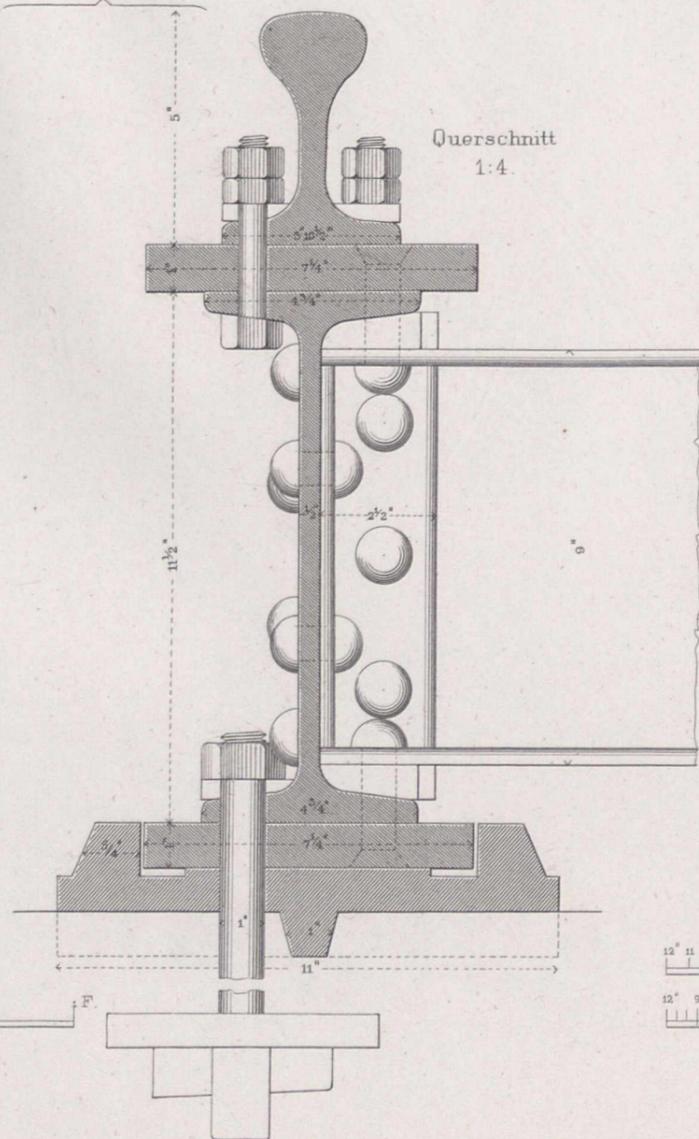


Gulfeiserne Lagerplatte 1:8.

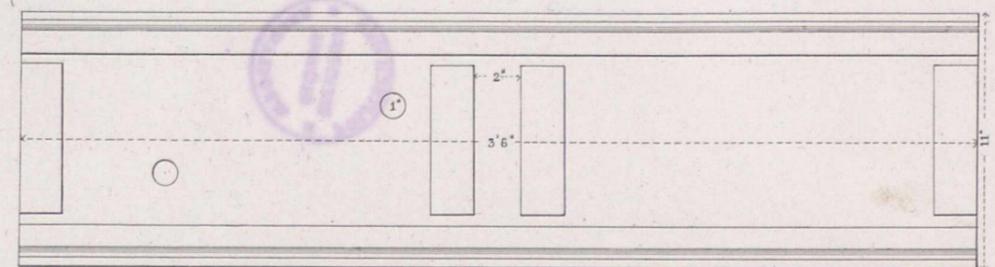


Längenschnitt.

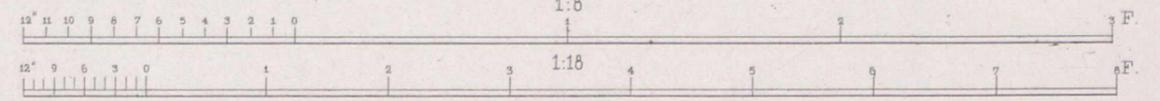
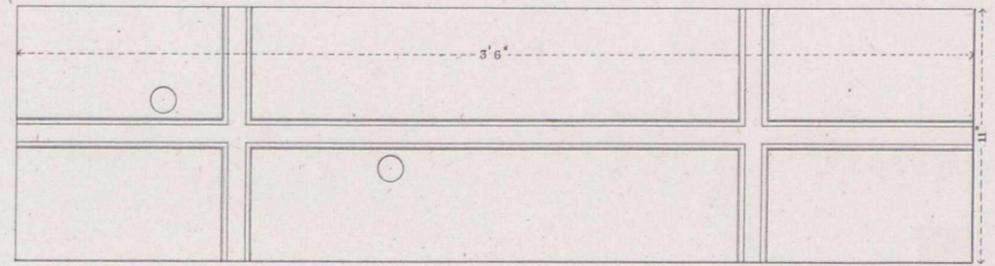
Querschnitt 1:4.

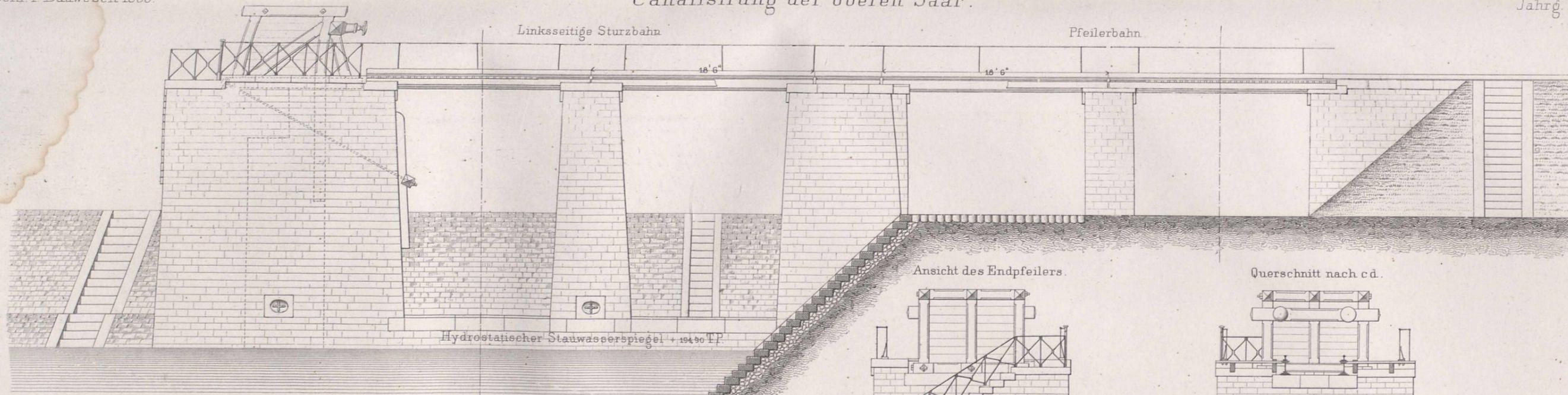


Ansicht von oben.



Ansicht von unten.





Hydrostatischer Stauwasserspiegel + 194,90 TP.

Ansicht des Endpfeilers.

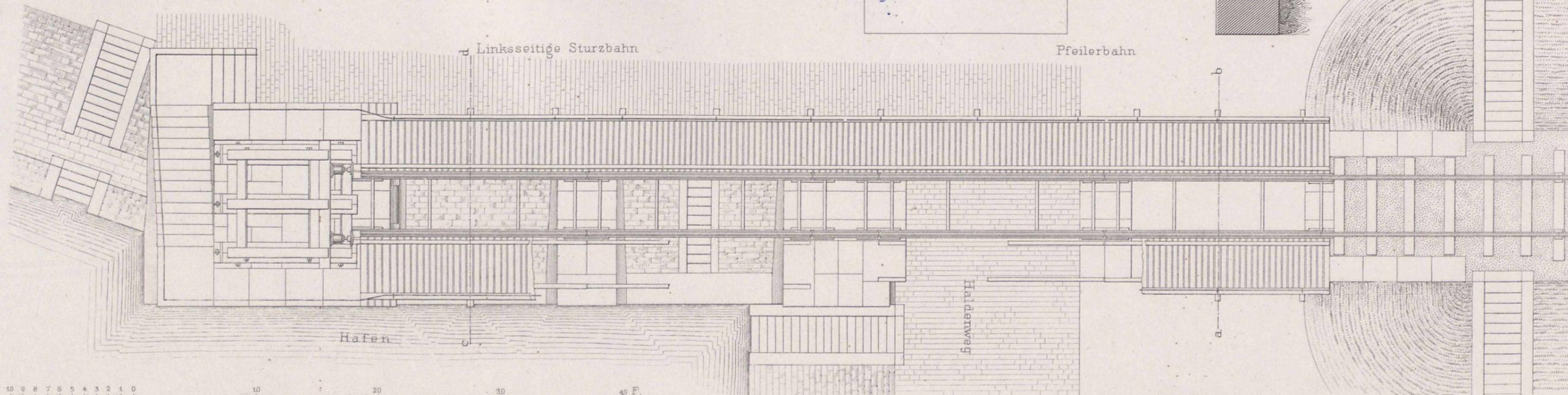
Querschnitt nach c d.

Querschnitt nach ab.

Querschnitt nach ba.

+ 194,90 TP

194,90 TP

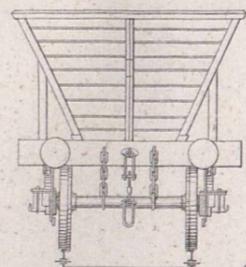


Hafen

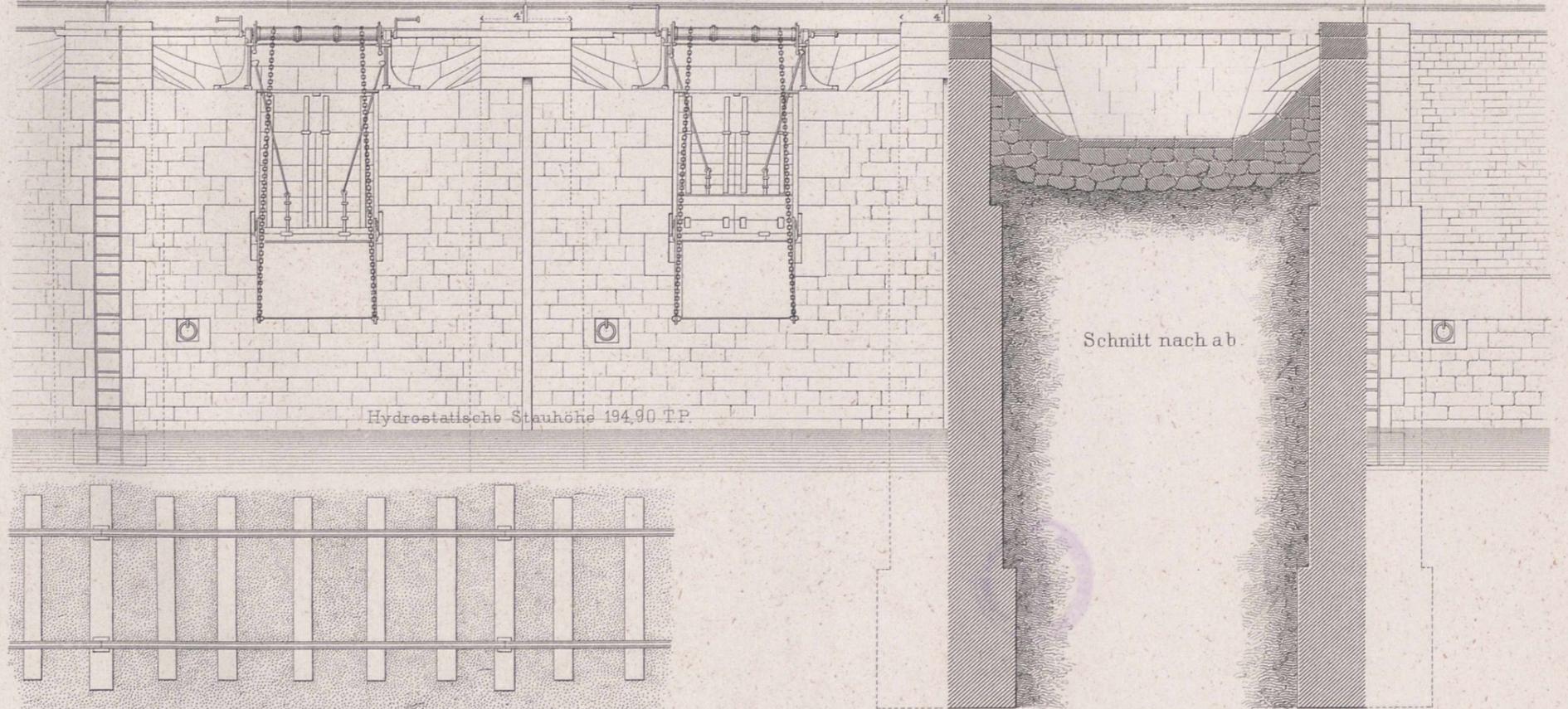
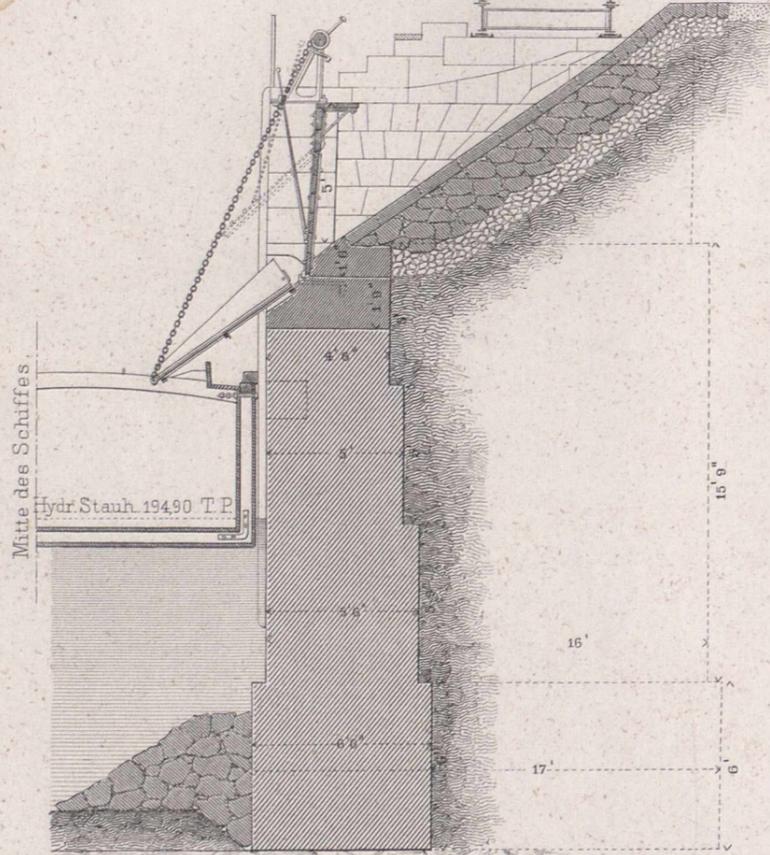
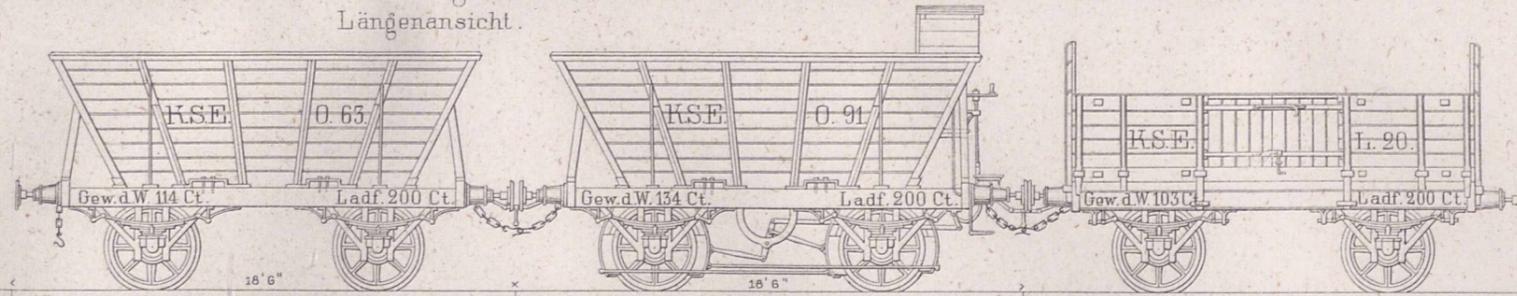
Halderweg

0 10 20 30 40 F.

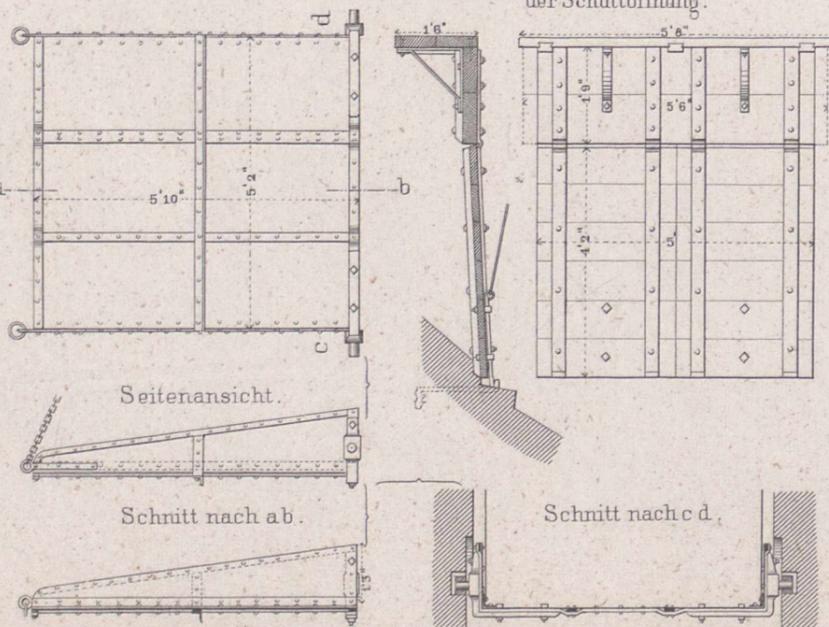
Querschnitt nach c d.



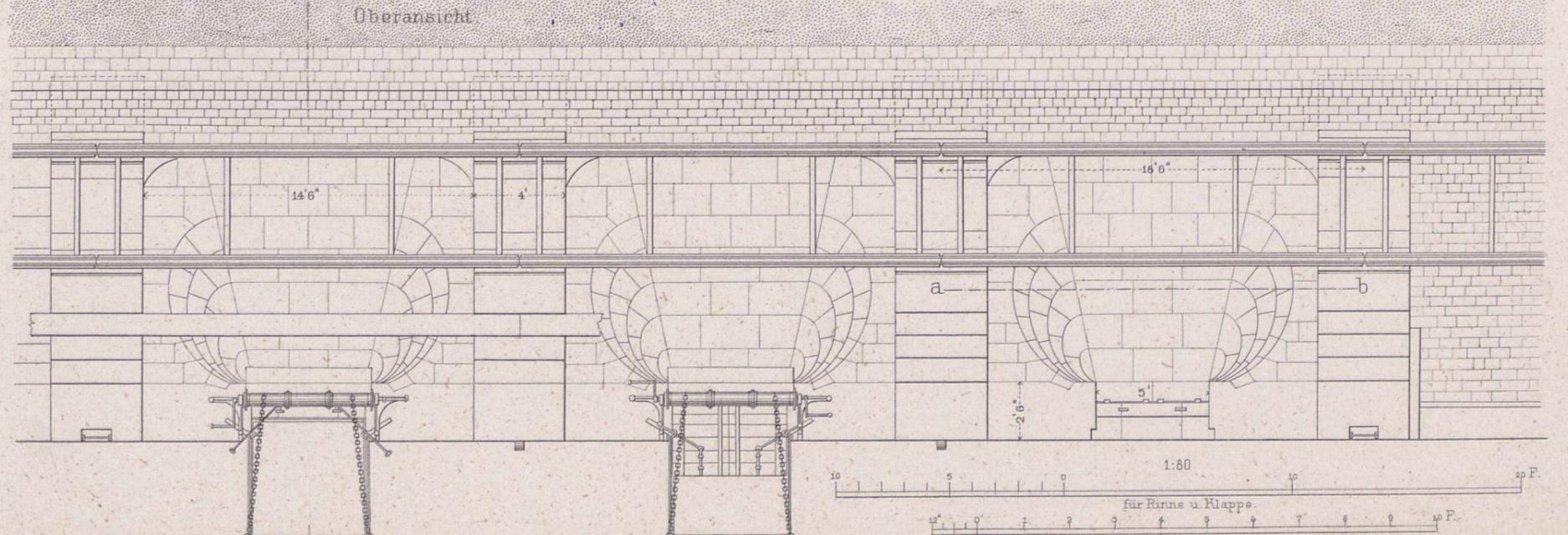
Längensicht.

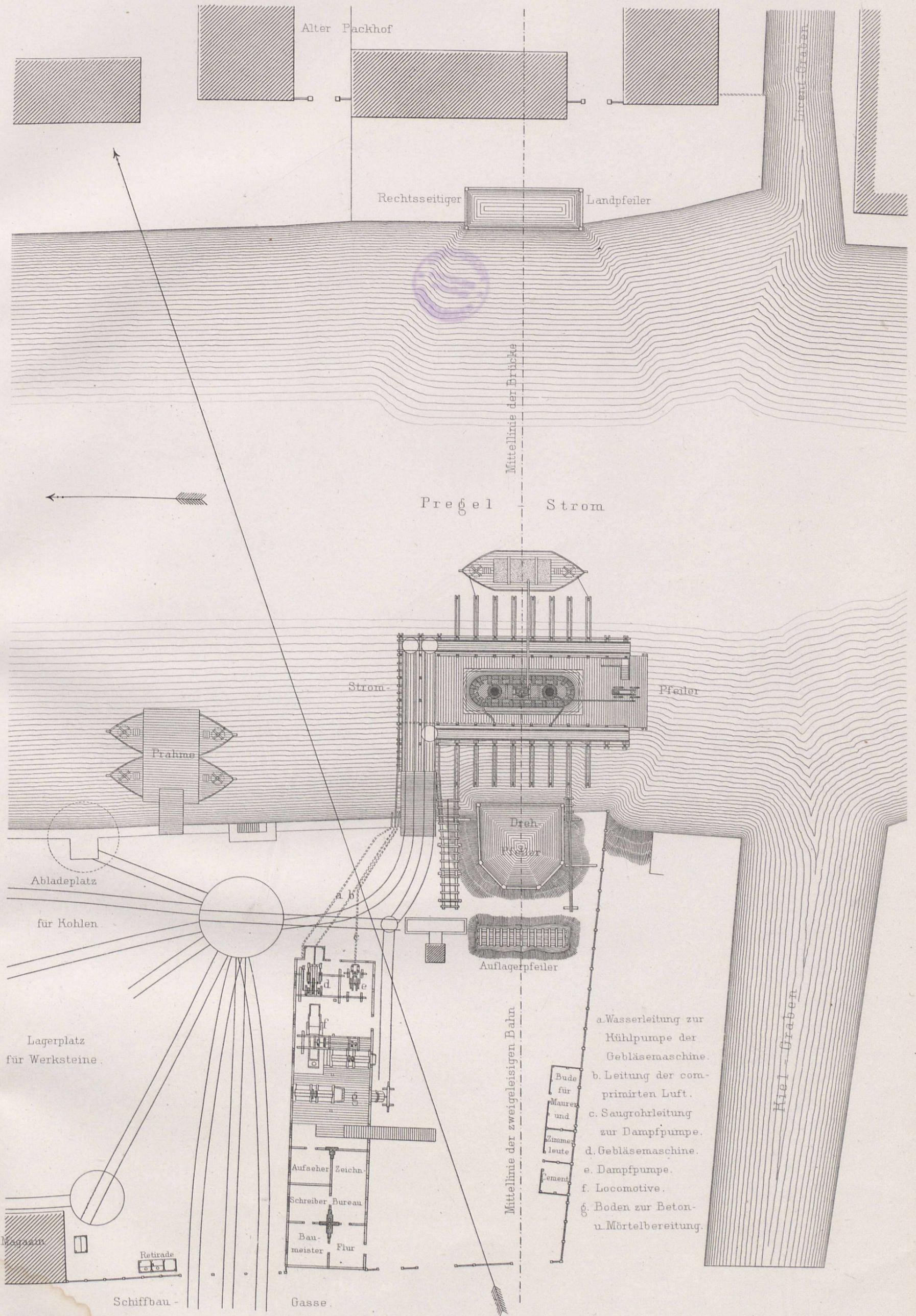


Hintere Ansicht der Rinne. Durchschnitt und hintere Ansicht der Klappe und der Schüttöffnung.

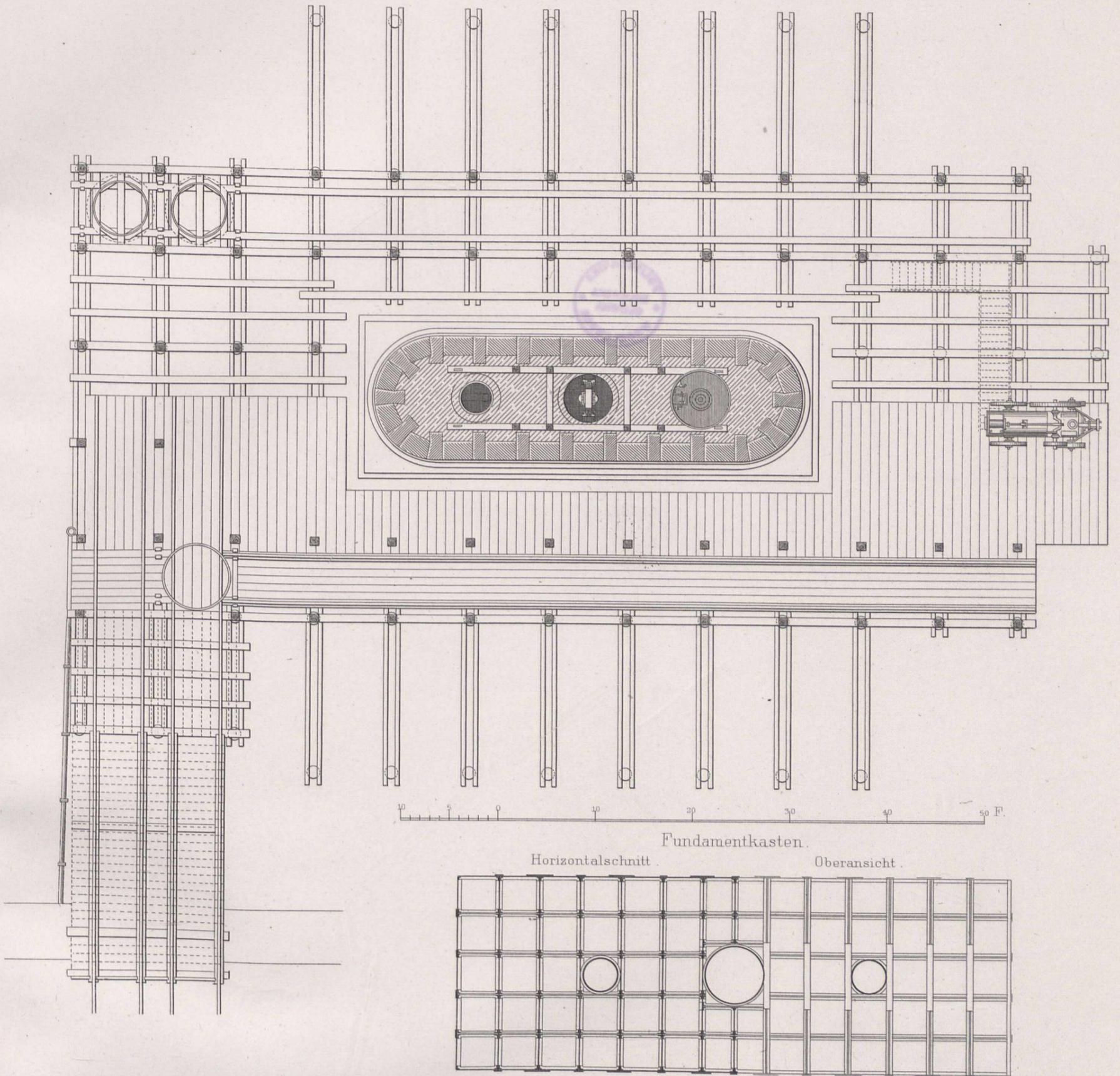


Oberansicht

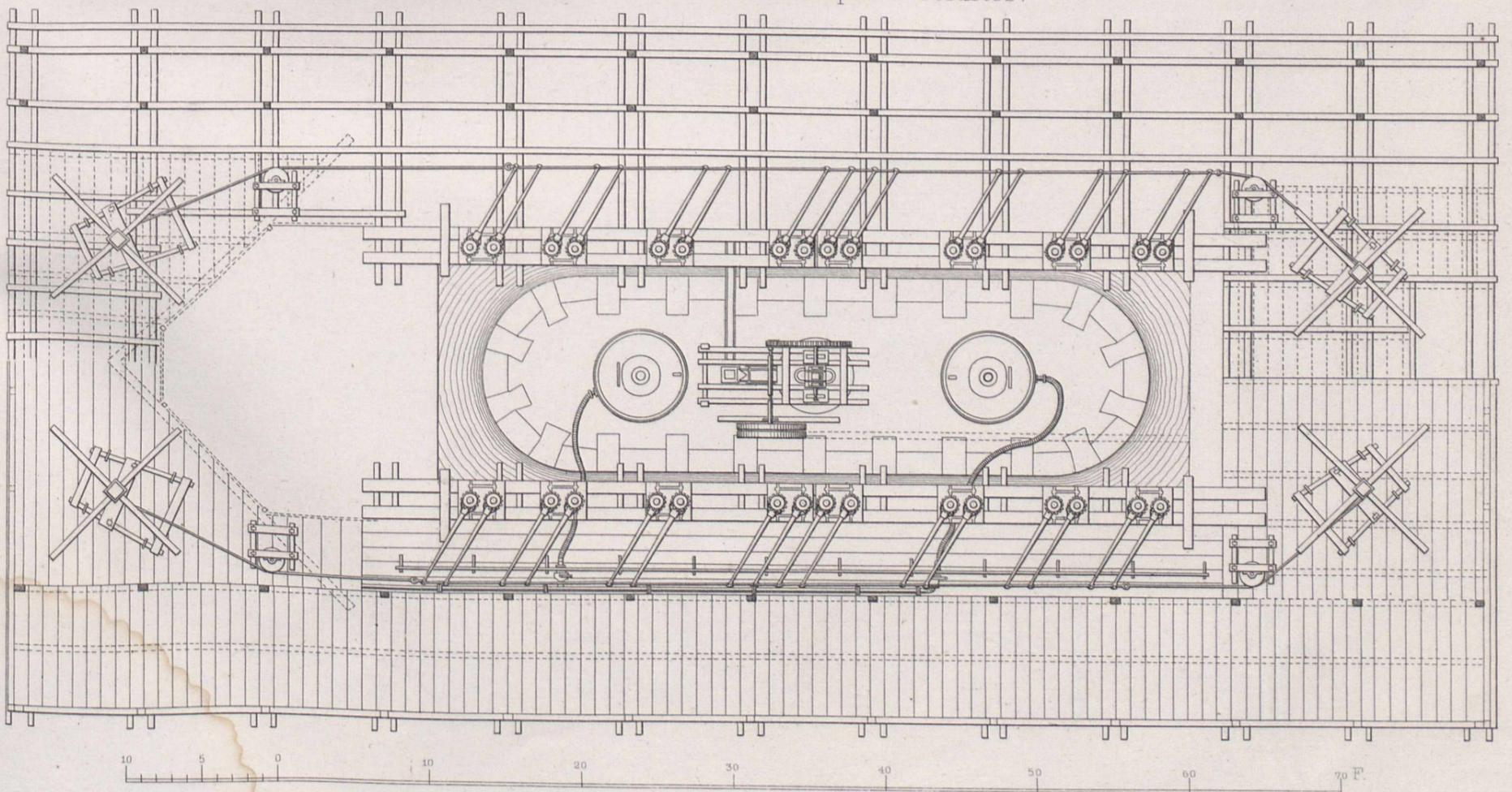




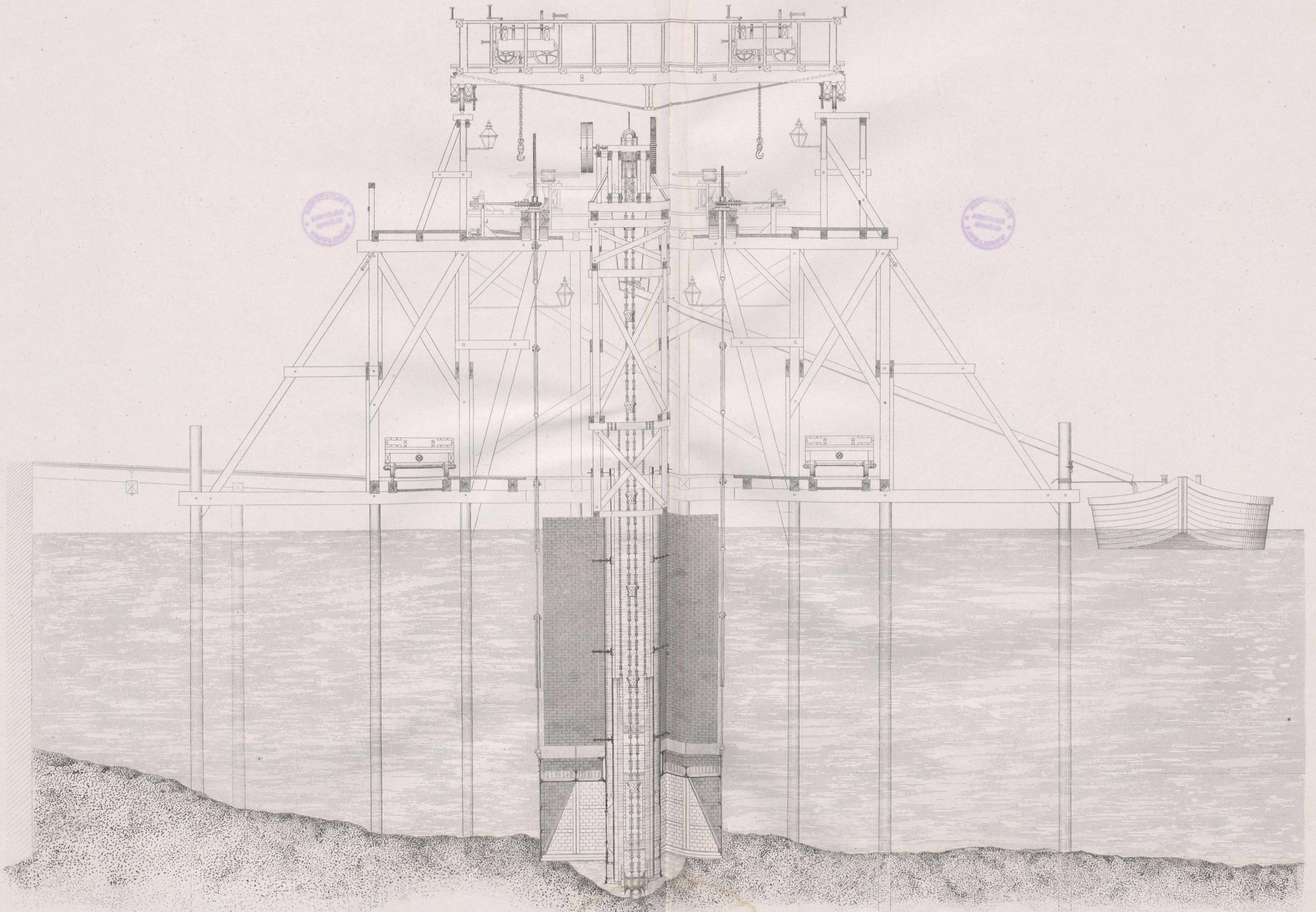
100 50 0 100 200 F.



Oberer Grundriss des Strompfeiler-Gerüsts.



Pregel-Brücke
Querschnitt des Strompfeilers

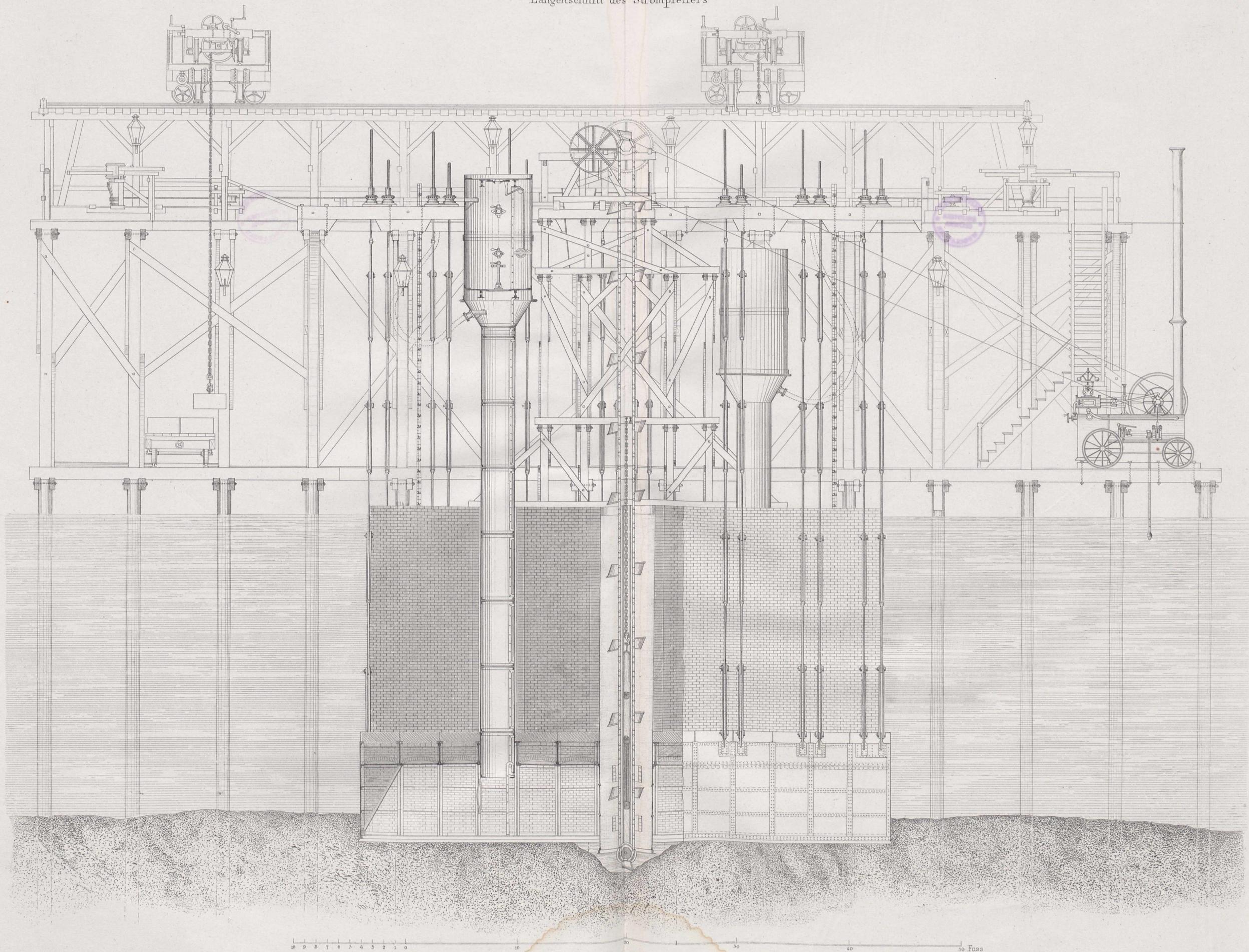


10 9 8 7 6 5 4 3 2 1 0 10 20 30 40 50 60 Fuss

Ernst & Sohn Berlin.

Ritter gest.

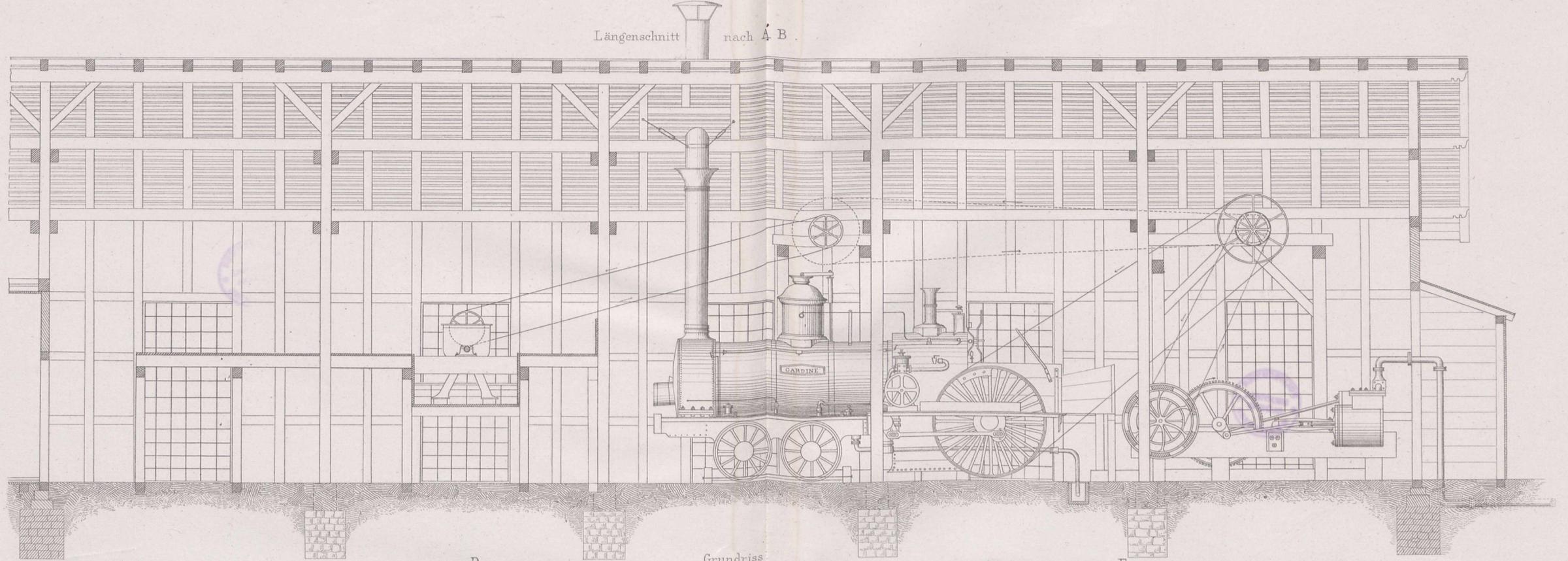
Pregel-Brücke
Längenschnitt des Strompfeilers



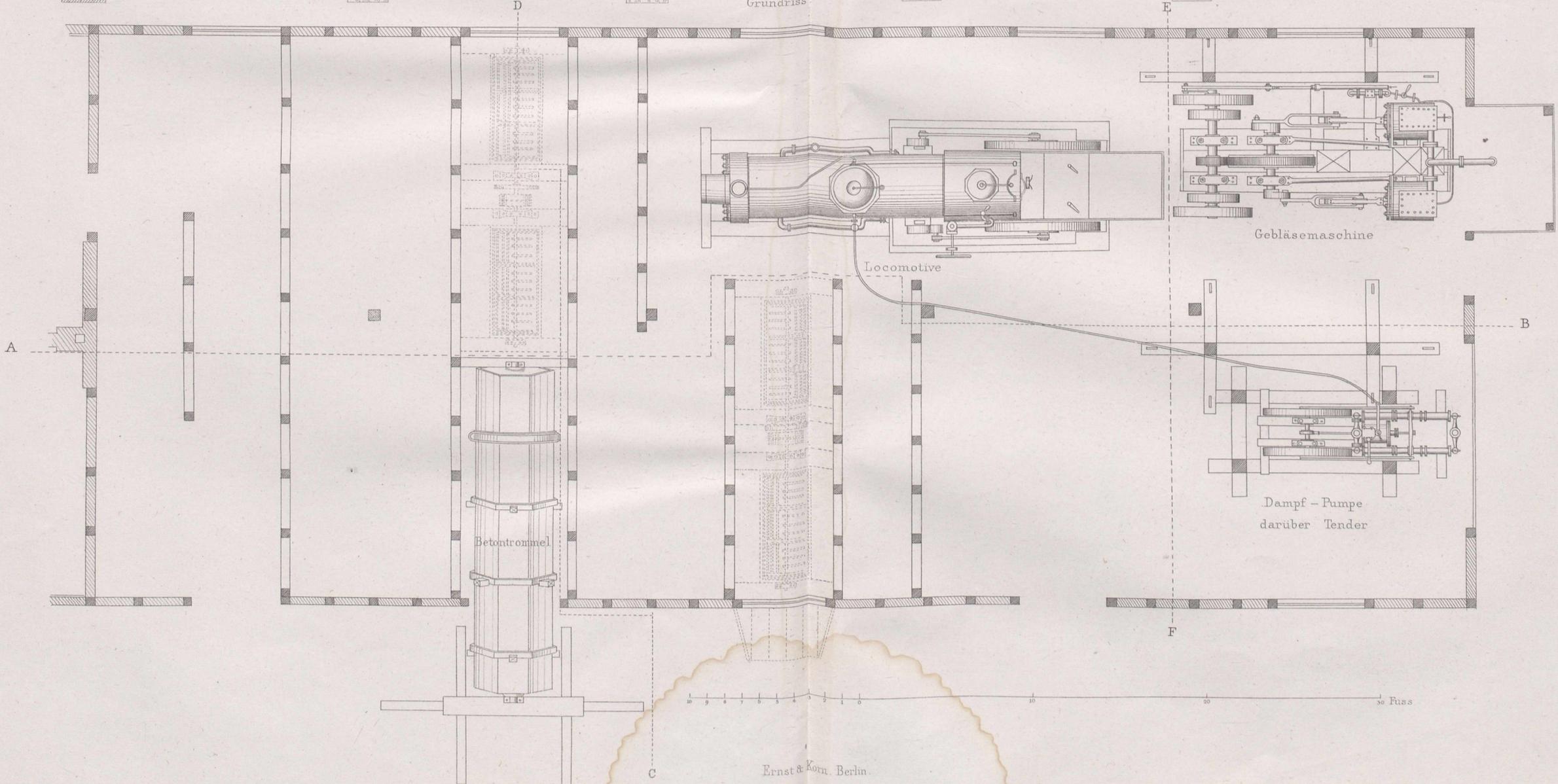
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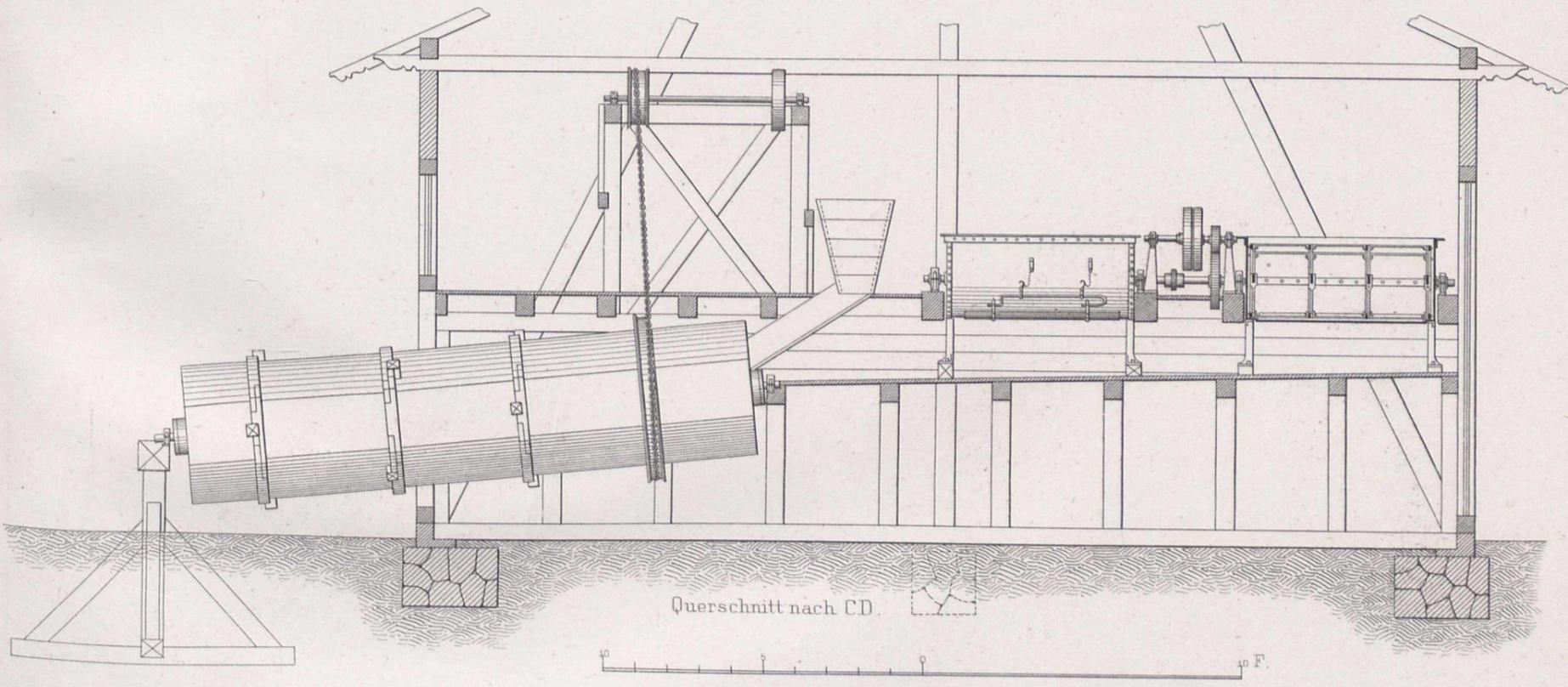
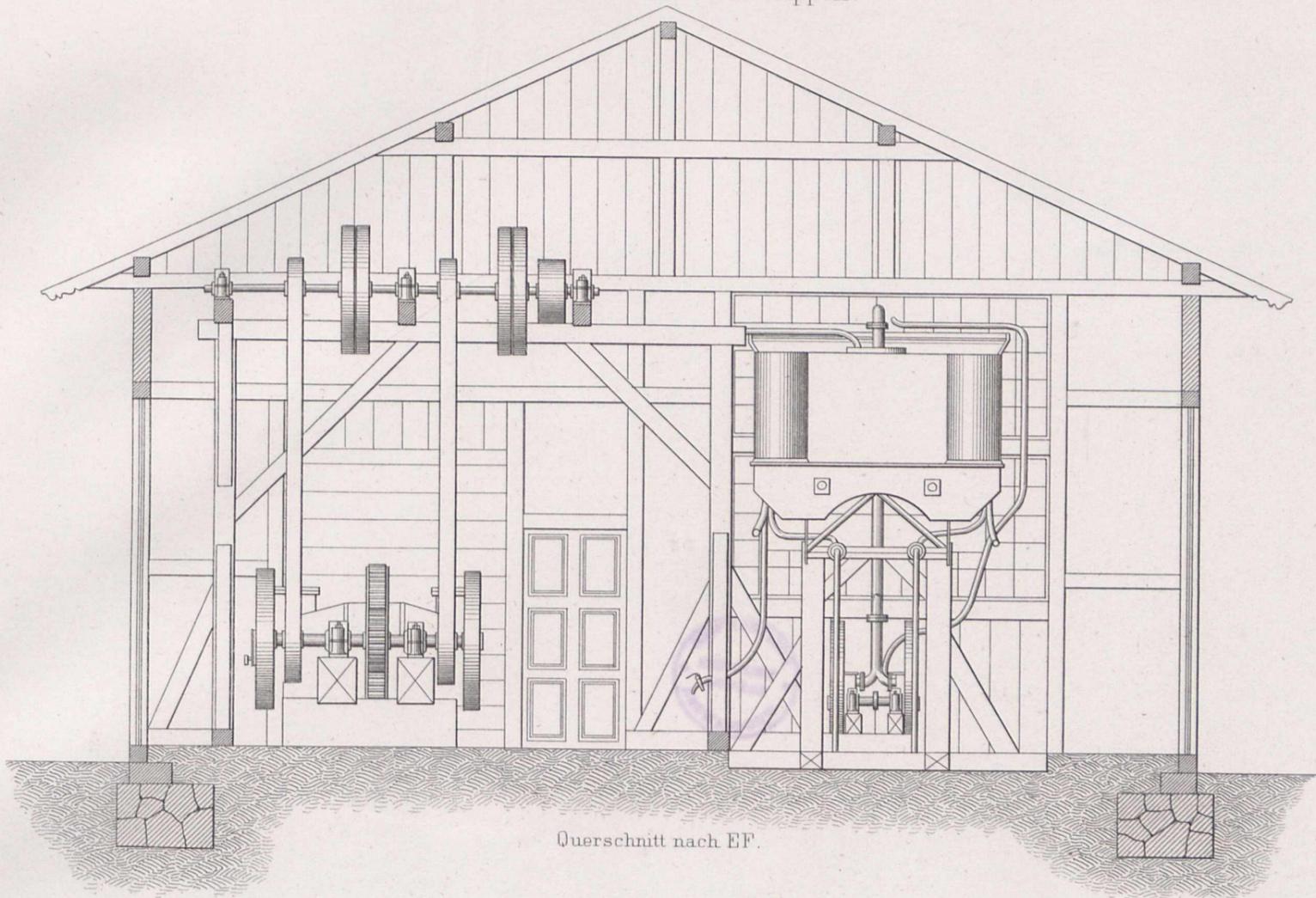
Längenschnitt nach A B.



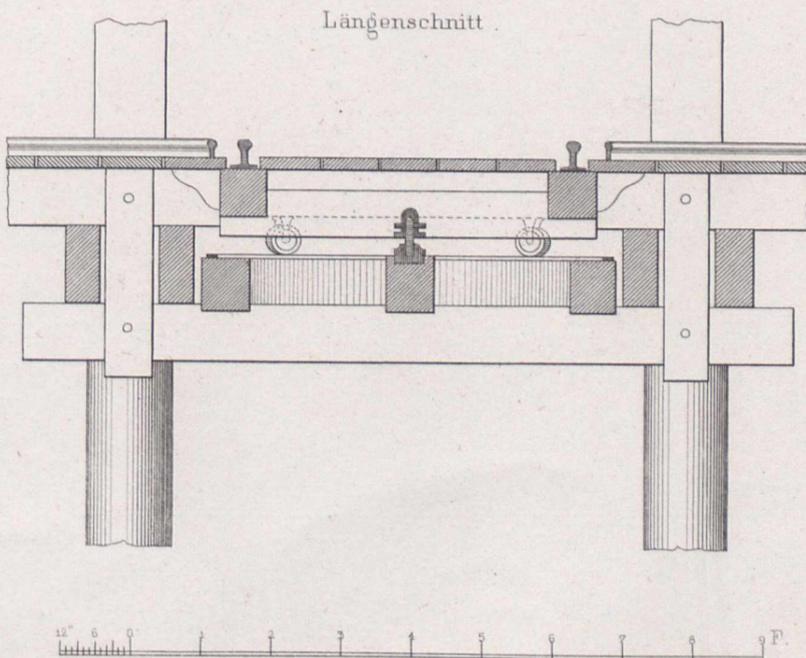
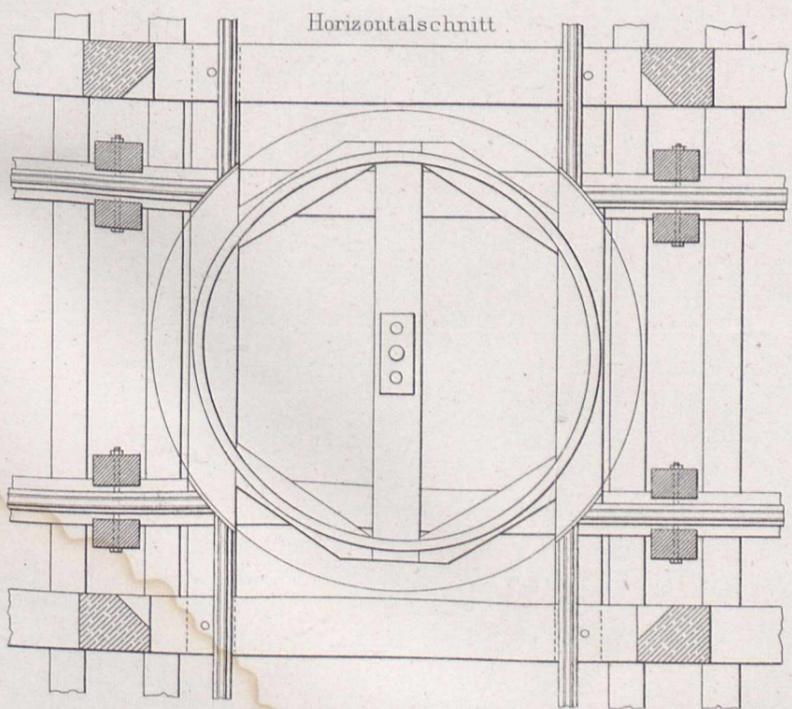
Grundriss

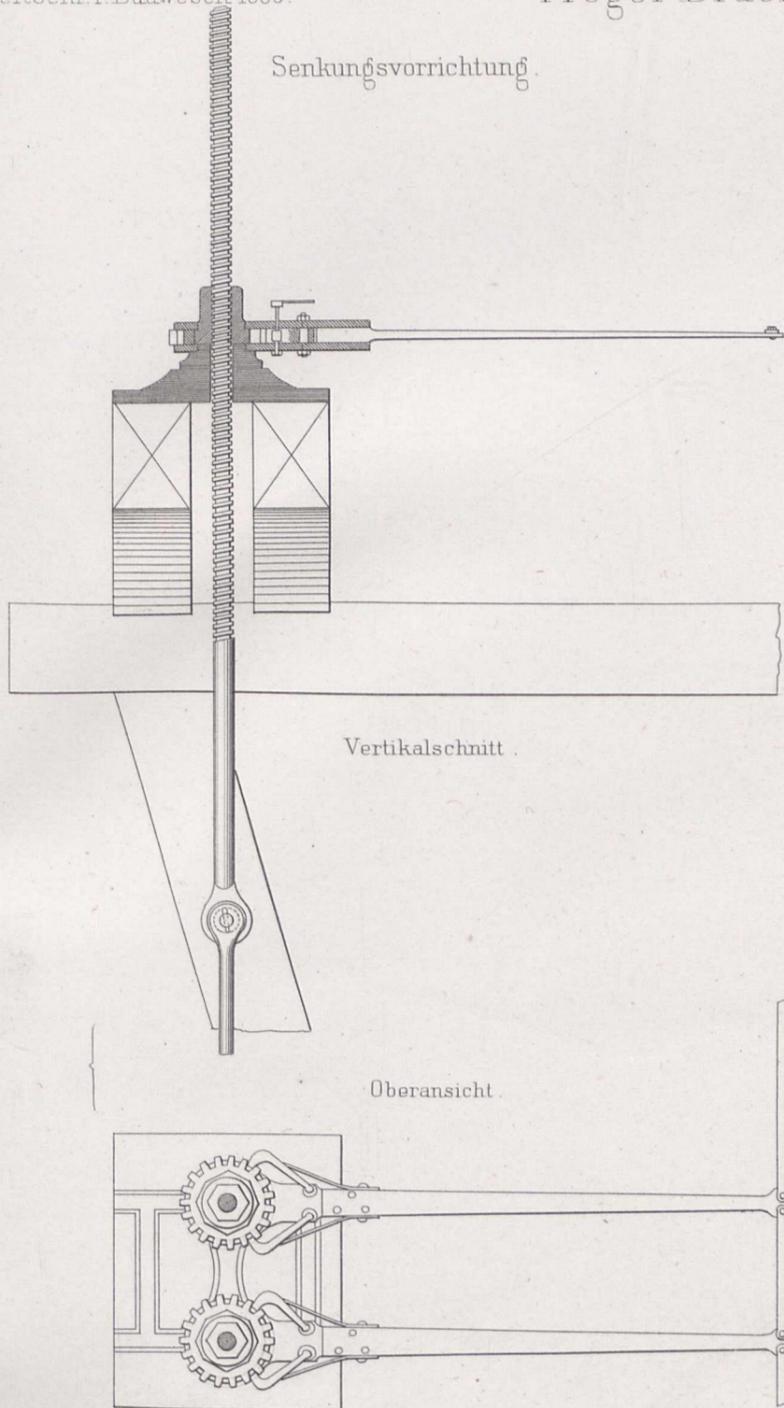


Bau- und Maschinen-Schuppen.



Drehscheibe auf dem Strompfeiler-Gerüst.





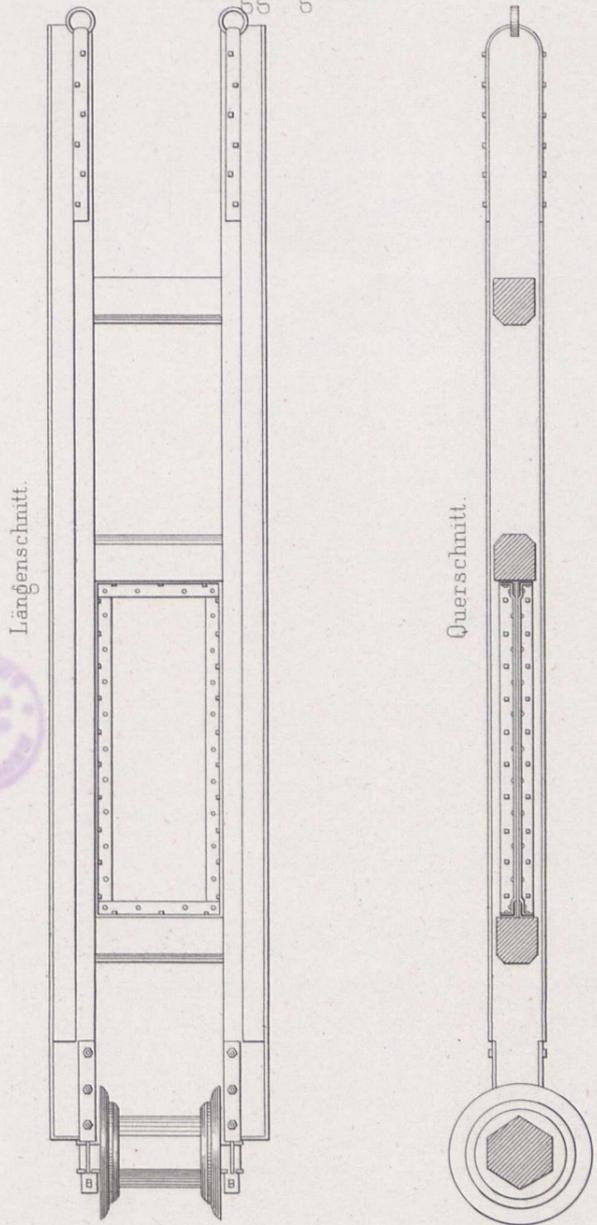
Senkungsvorrichtung.

Vertikalschnitt.

Oberansicht.

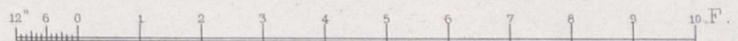


Baggergatter.

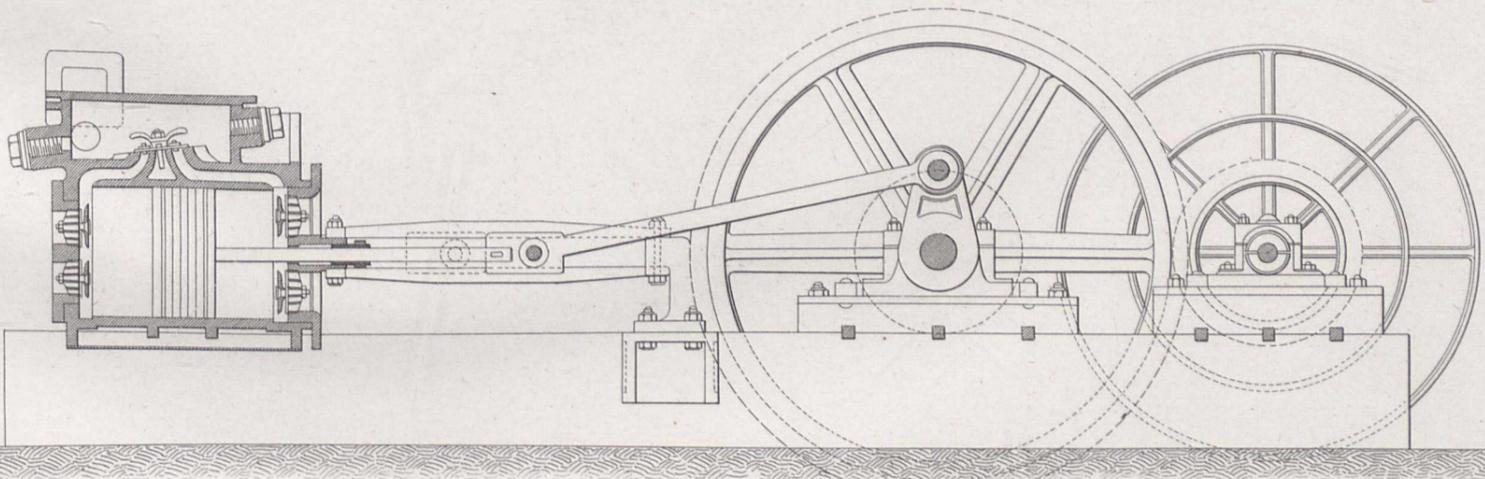


Längenschnitt.

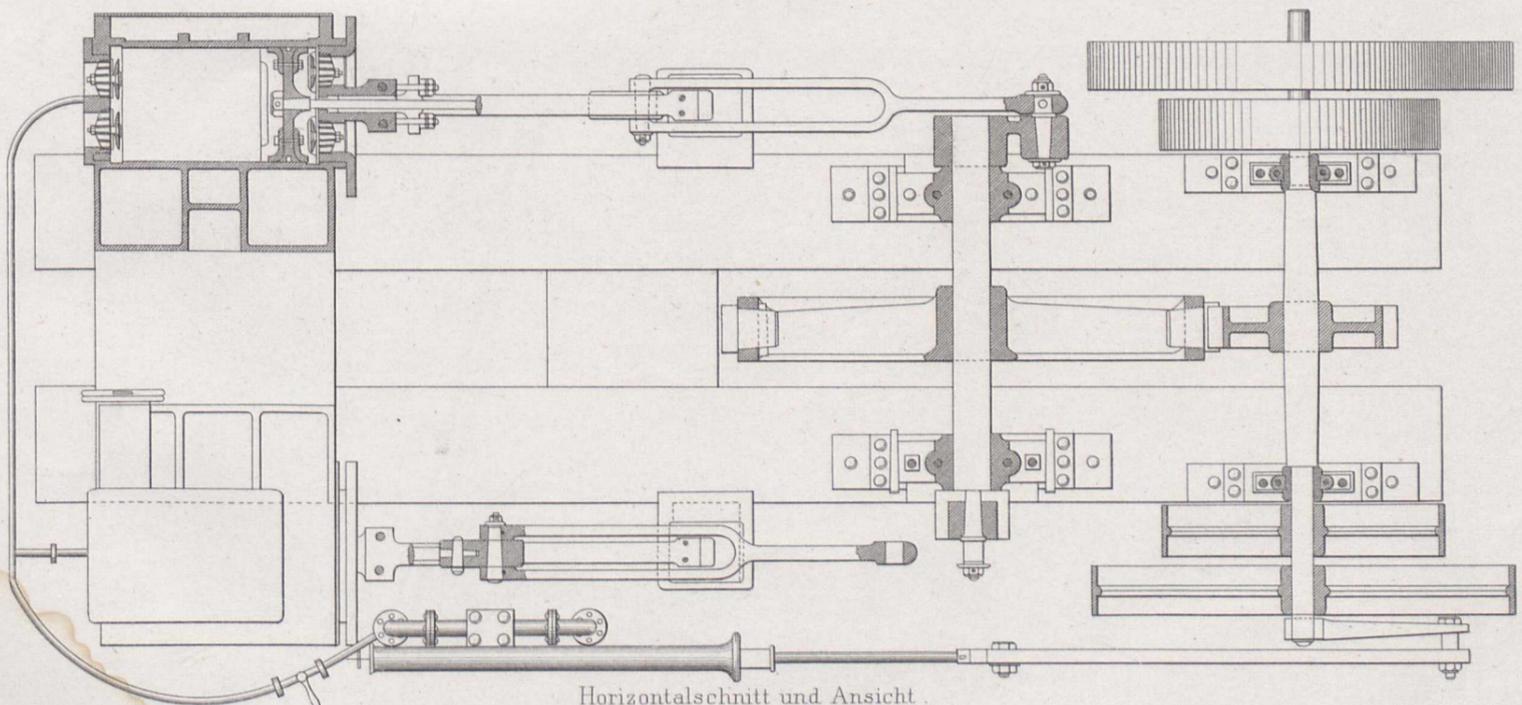
Querschnitt.



Pneumatischer Apparat.



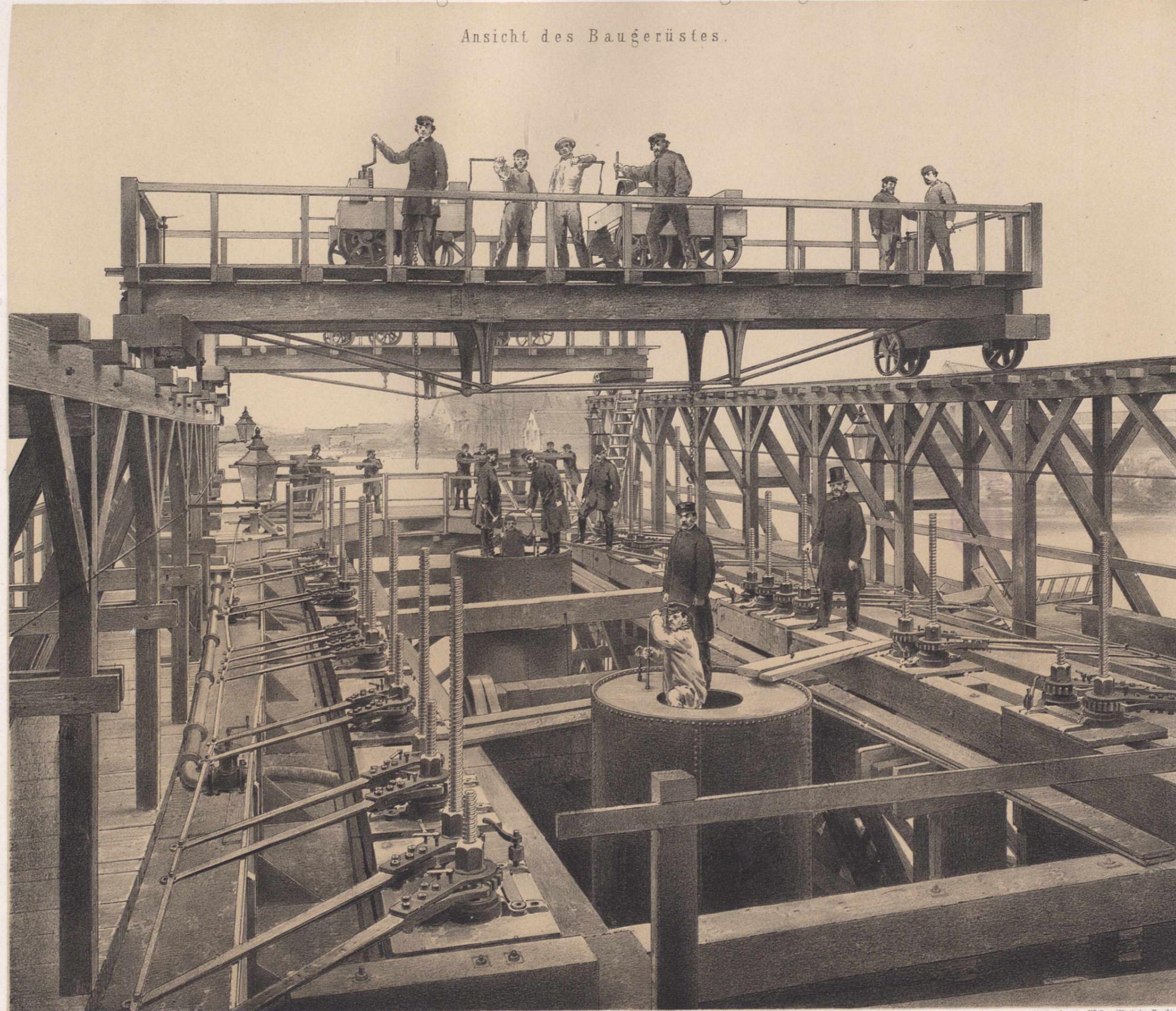
Längenschnitt und Ansicht.



Horizontalschnitt und Ansicht.



Ansicht des Baugerüsts.



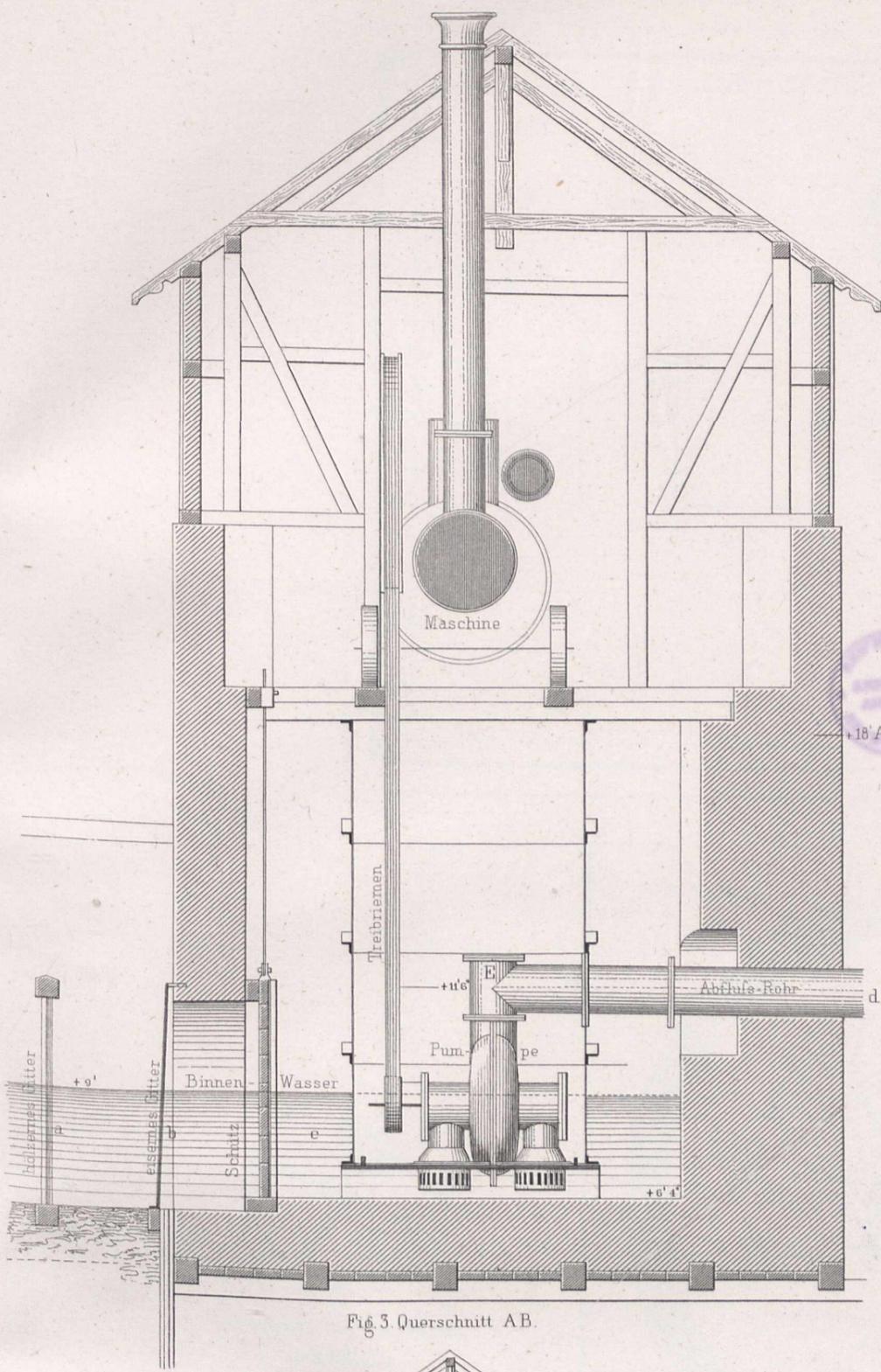


Fig. 3. Querschnitt AB.

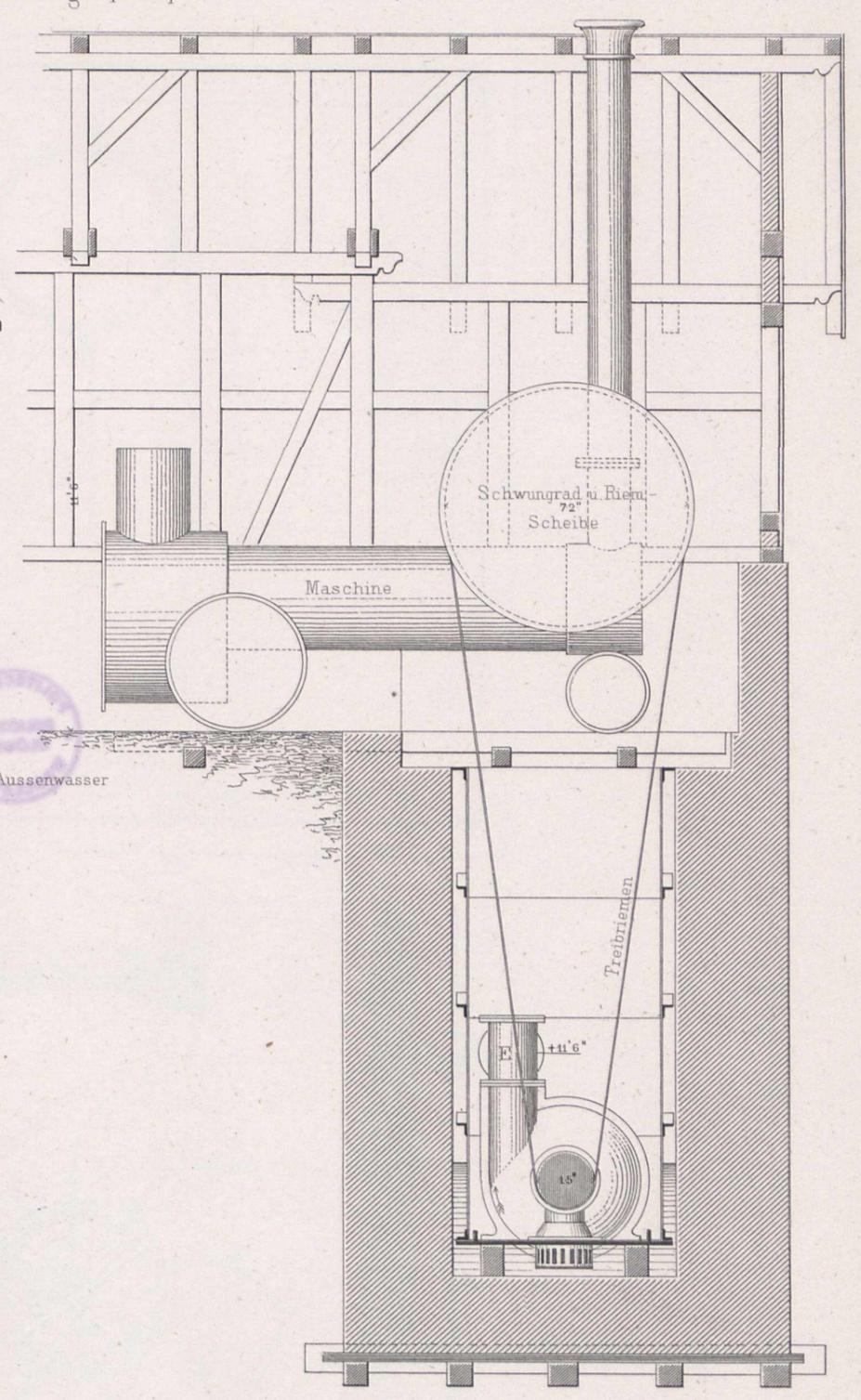


Fig. 4. Theil des Längenschnitts CD.

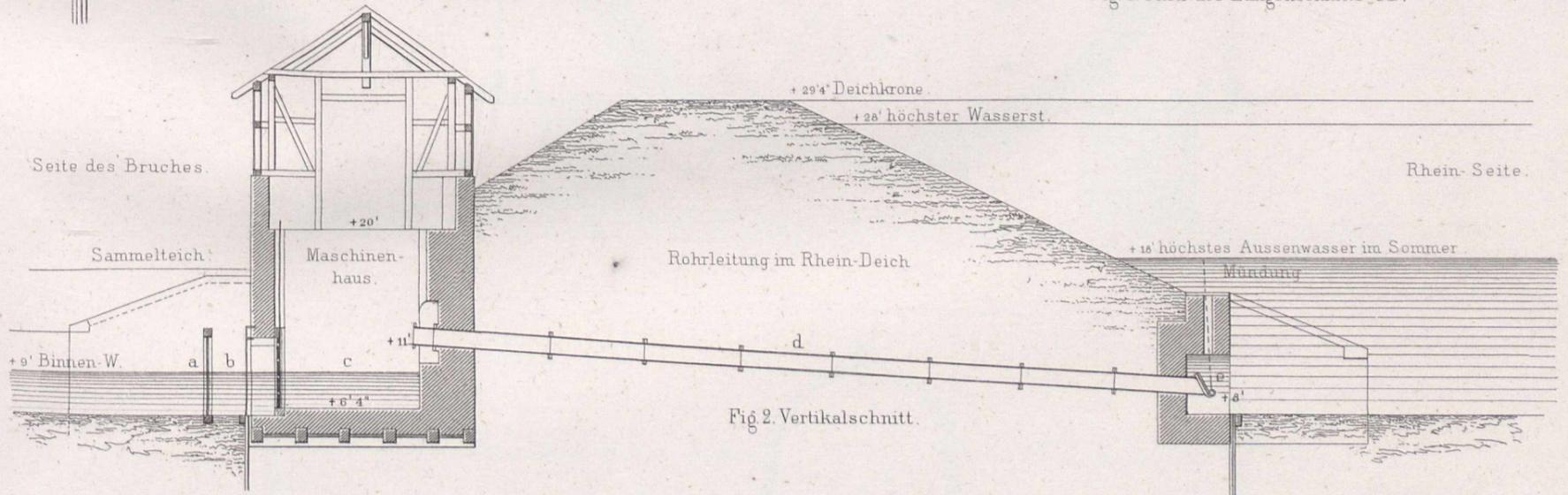


Fig. 2. Vertikalschnitt.

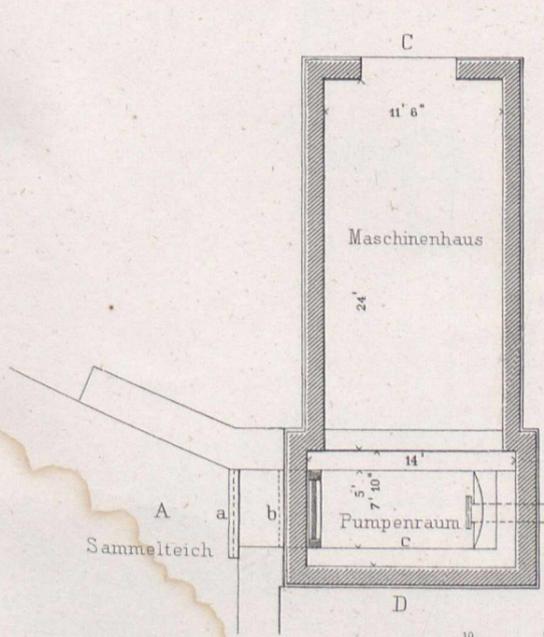


Fig. 1. Grundrifs.

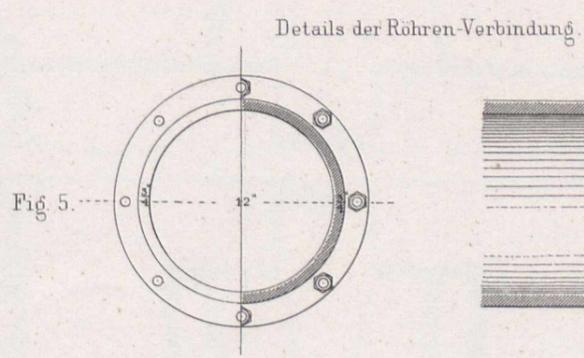


Fig. 5.

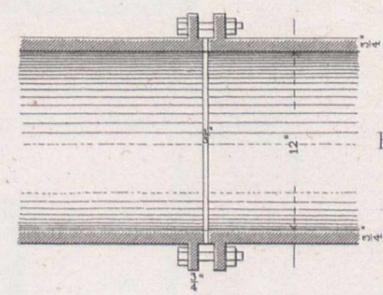
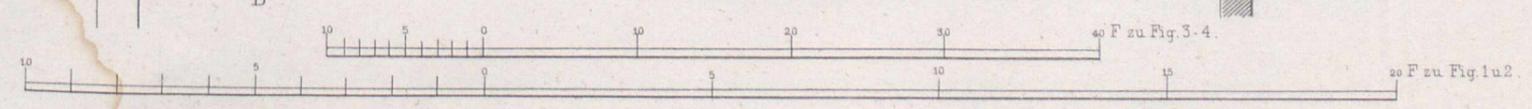
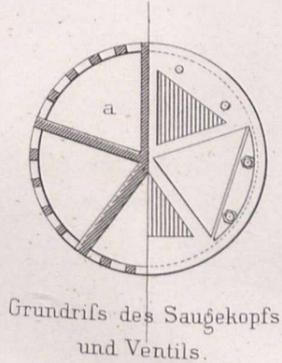
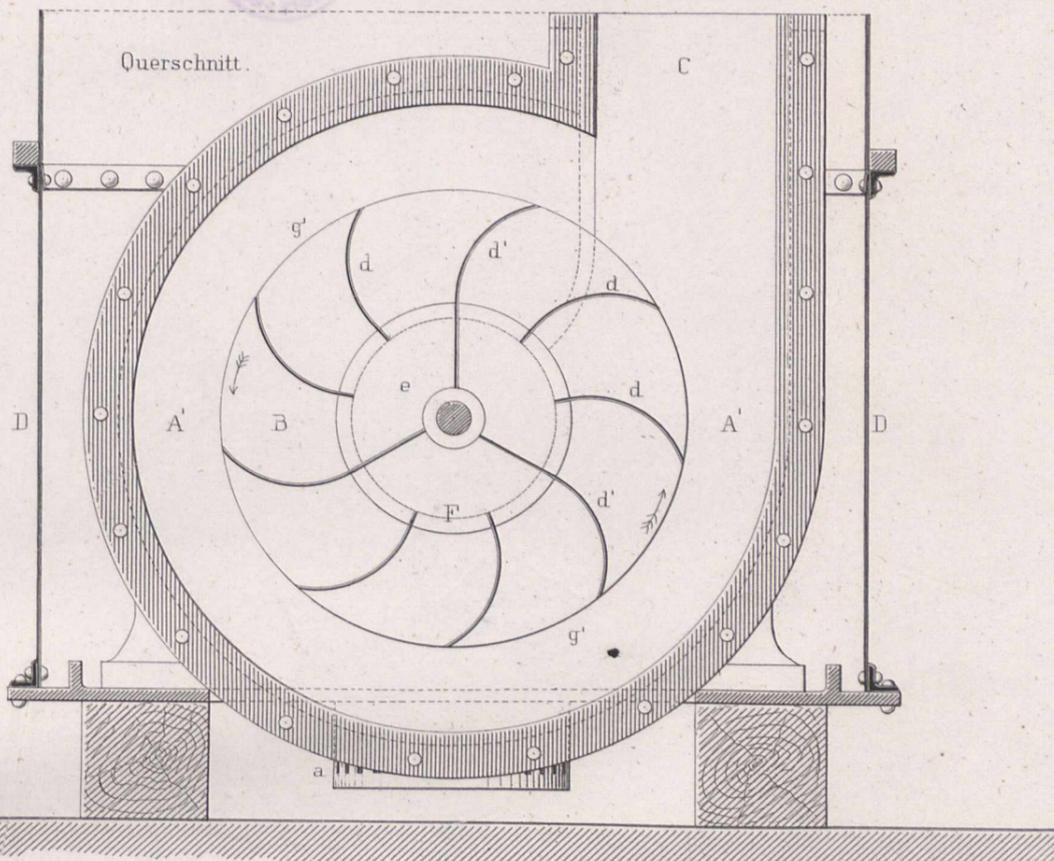
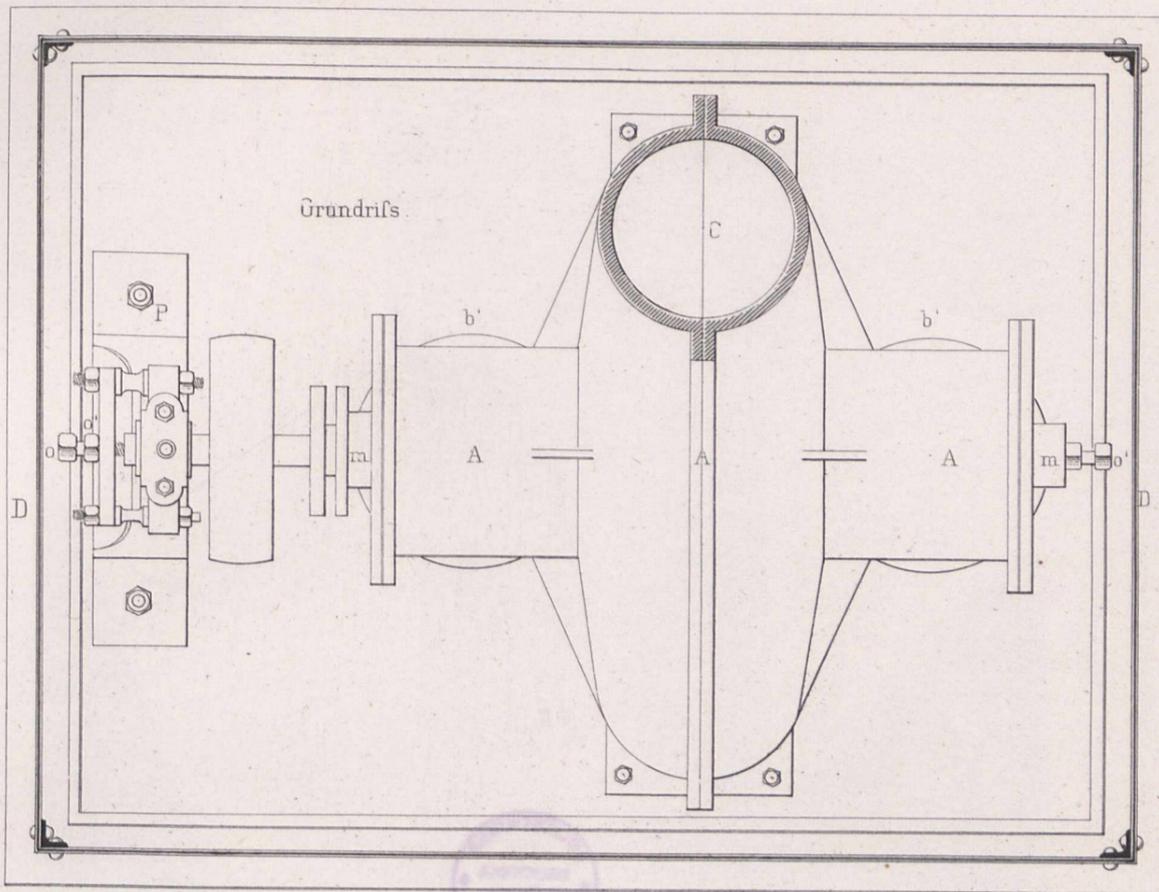
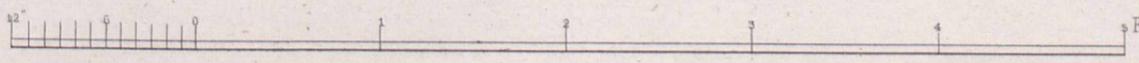
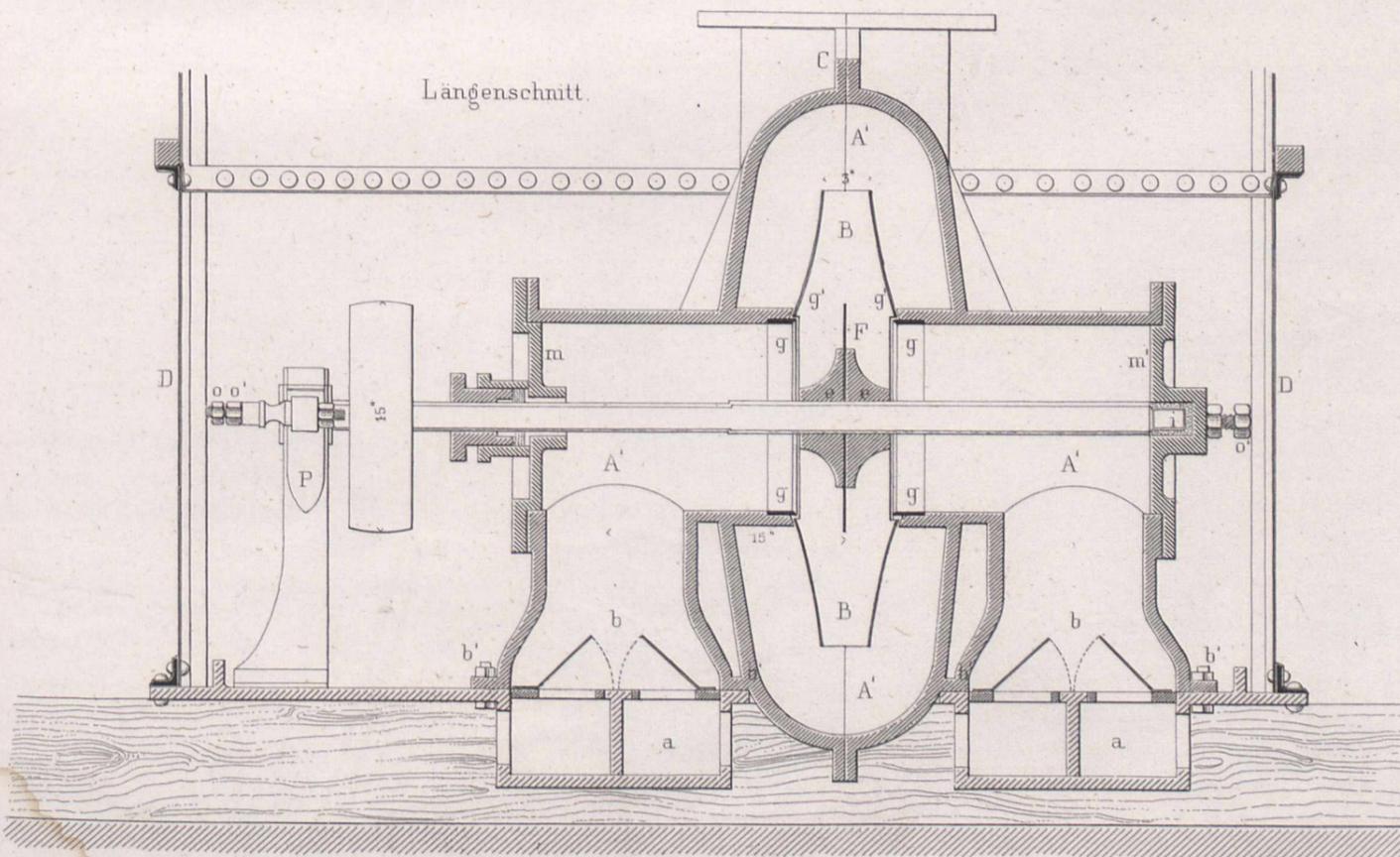


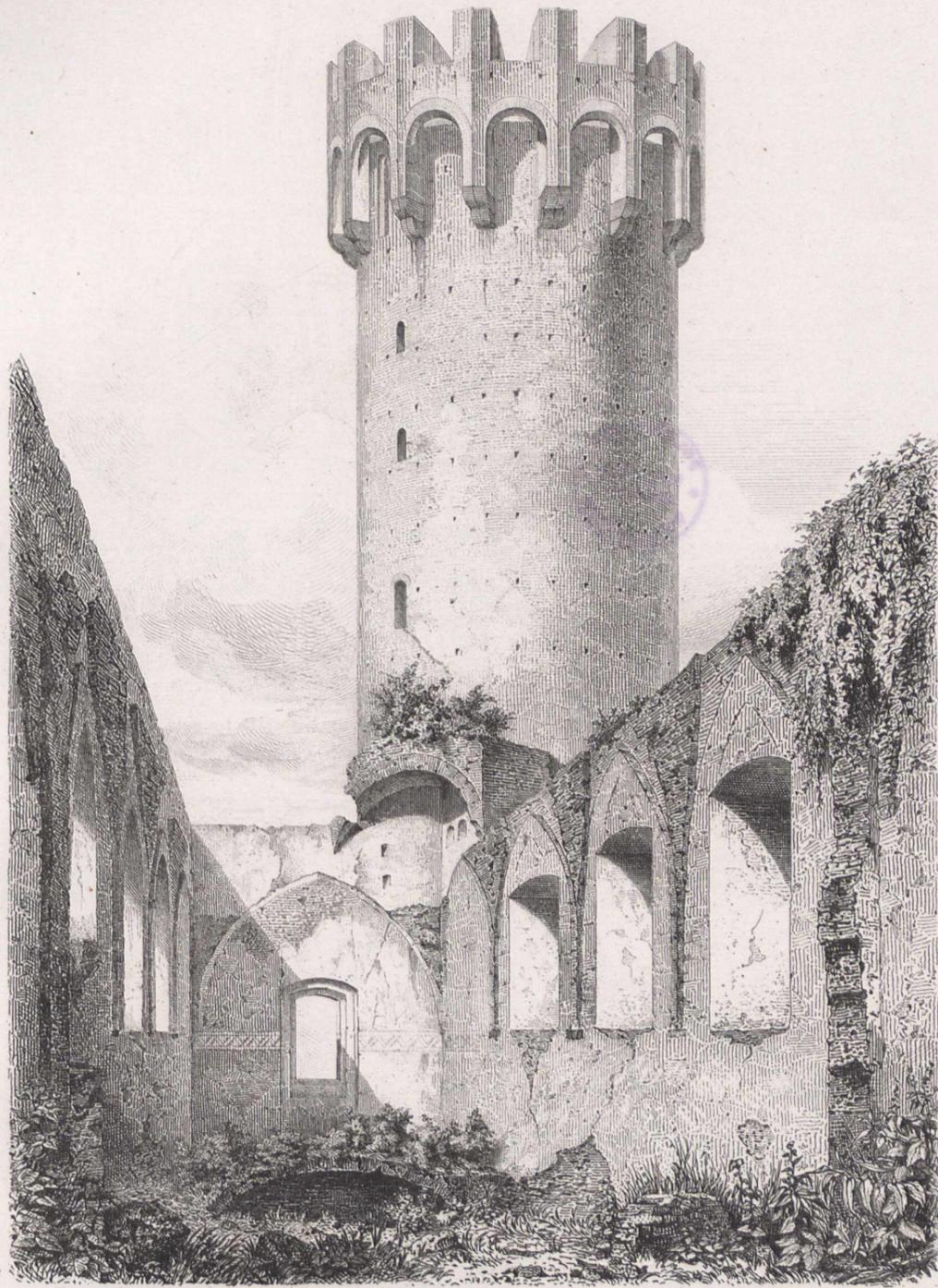
Fig. 6.



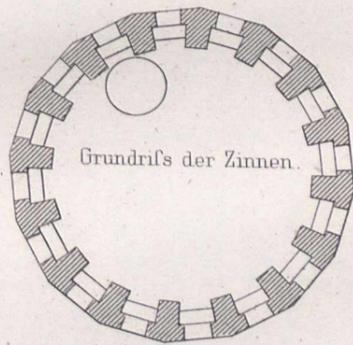
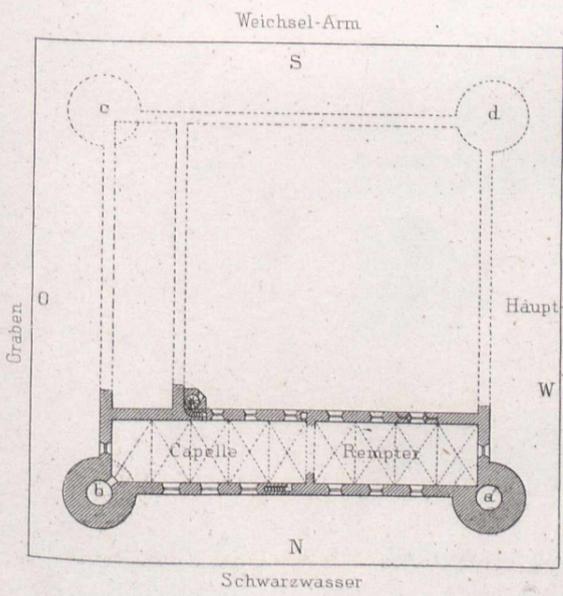


Grundriss des Saugkopfs und Ventils.

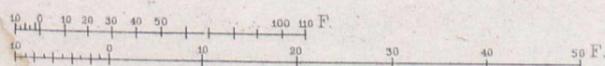
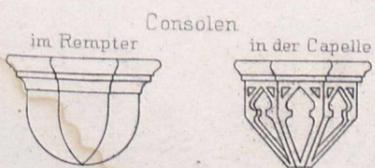
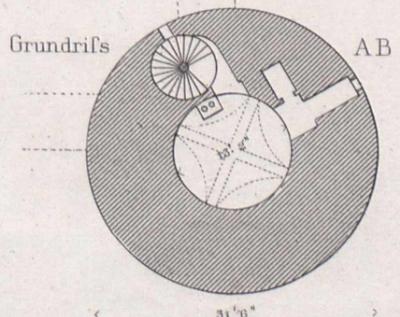
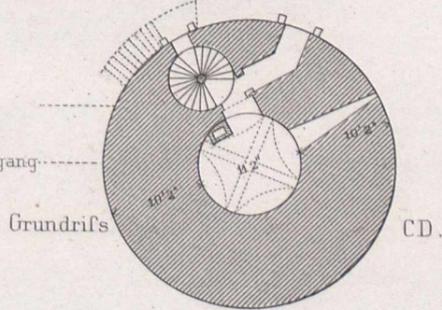
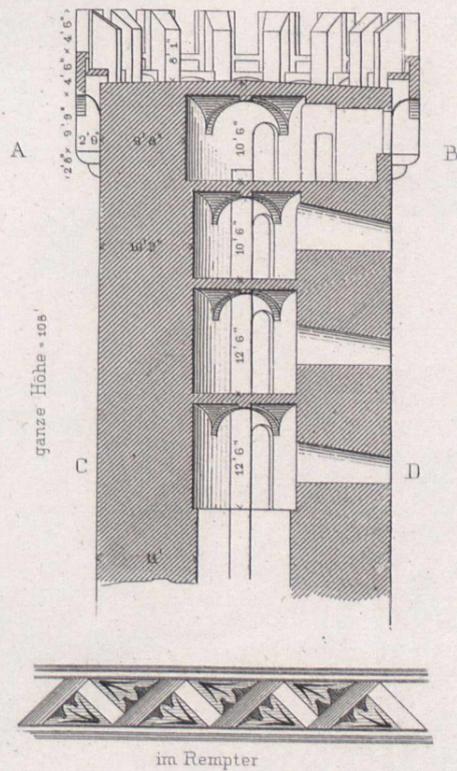


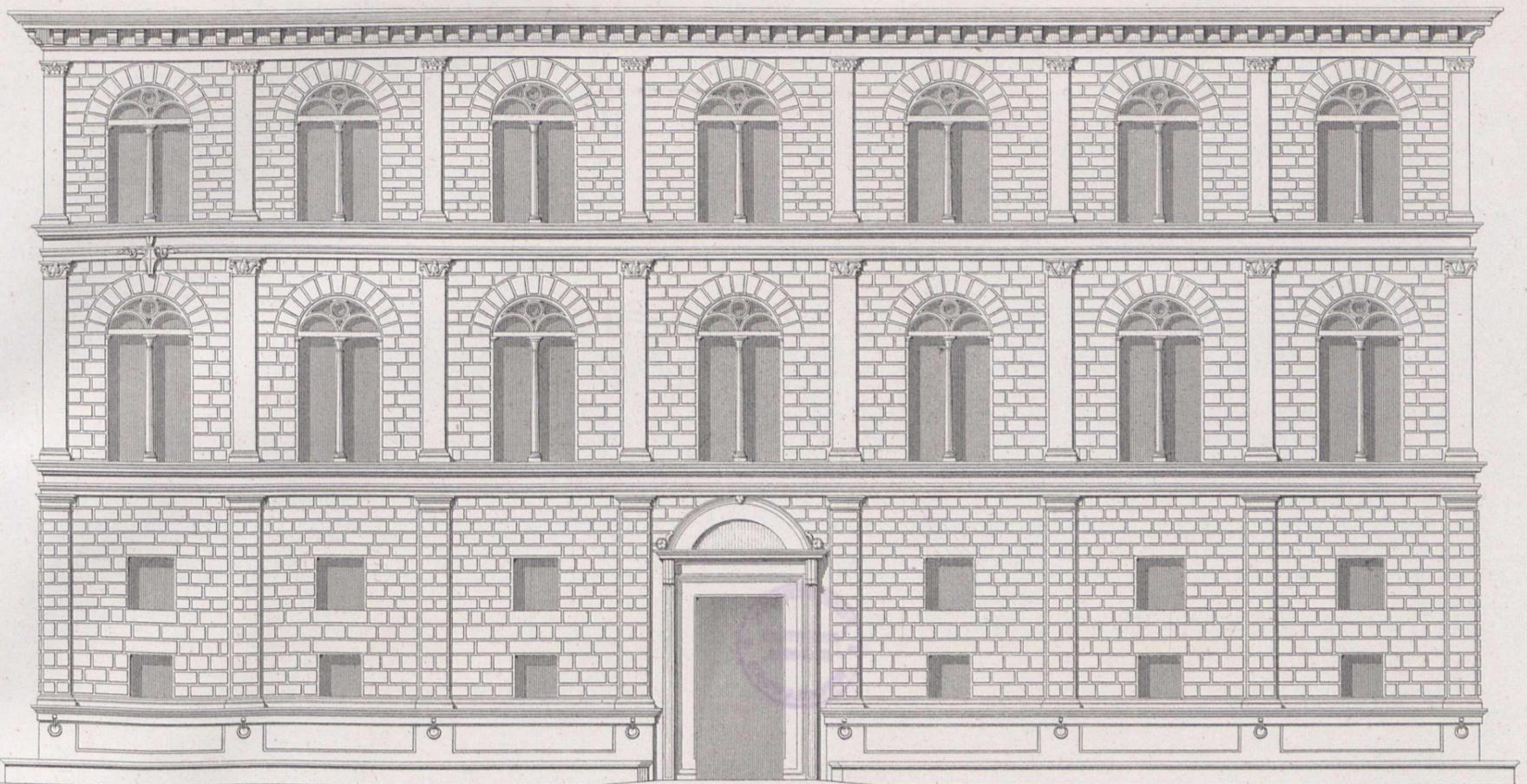


Grundriß der Haupt-Etage.

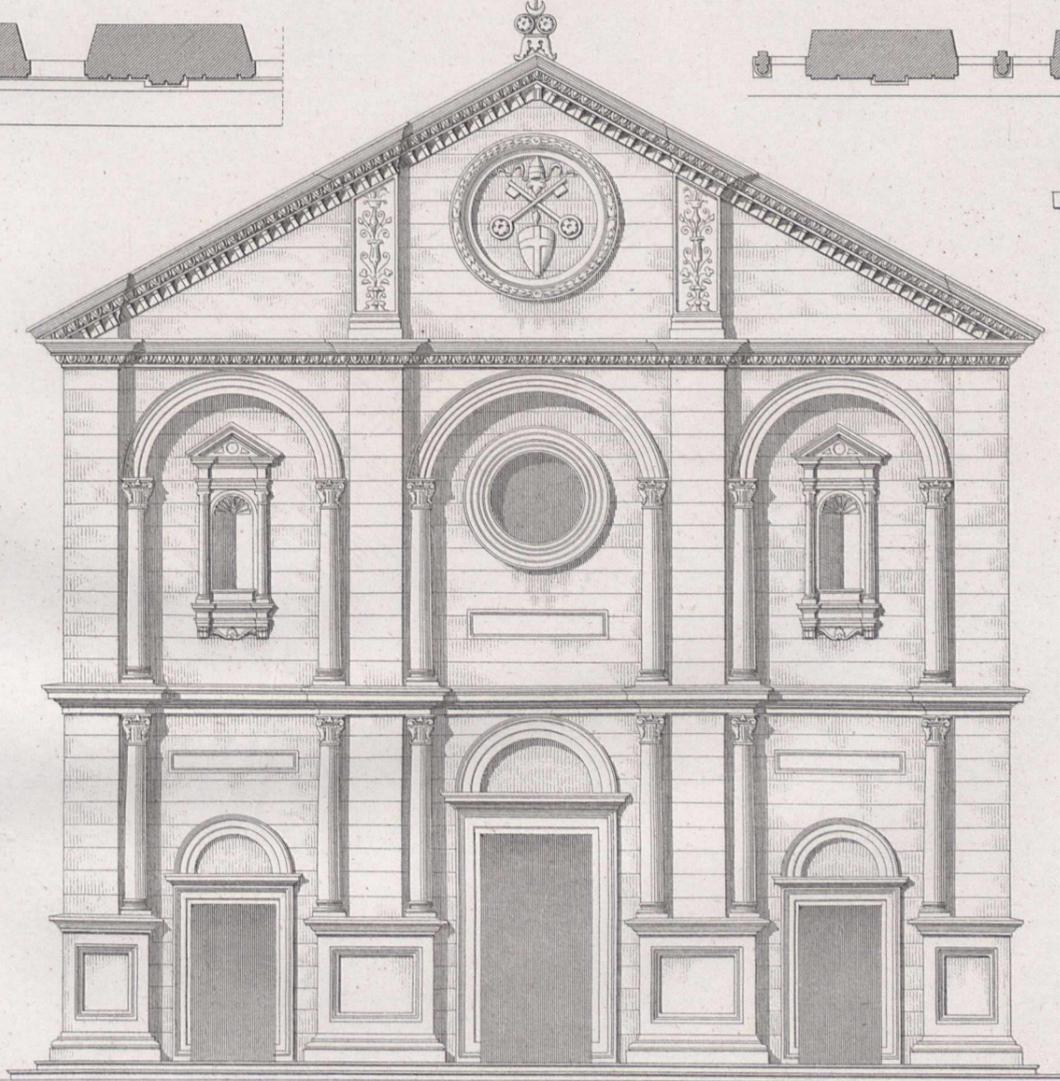
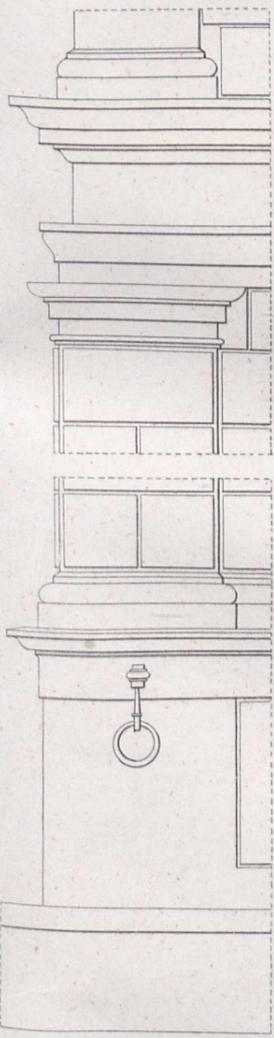
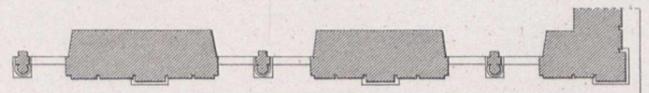
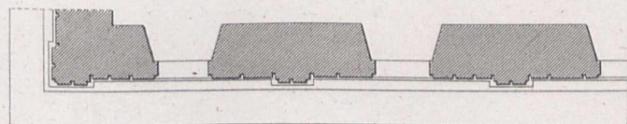


Durchschnitt des Thurmes.

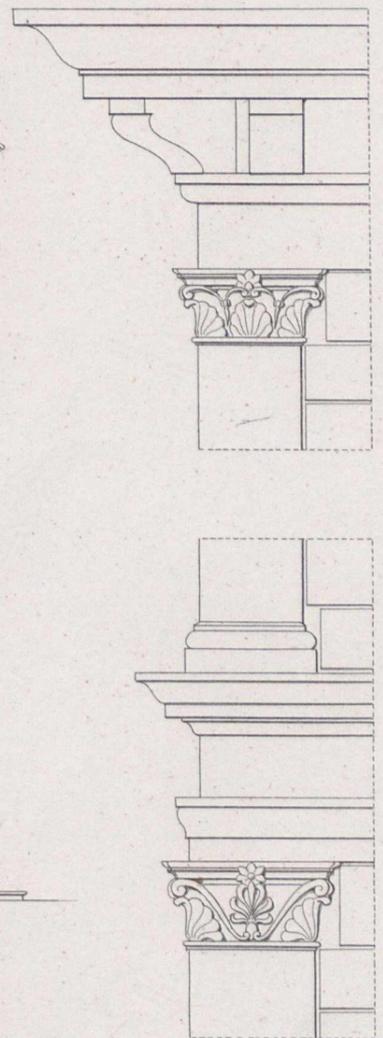
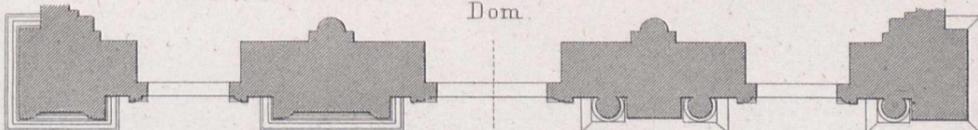




Palast Piccolomini

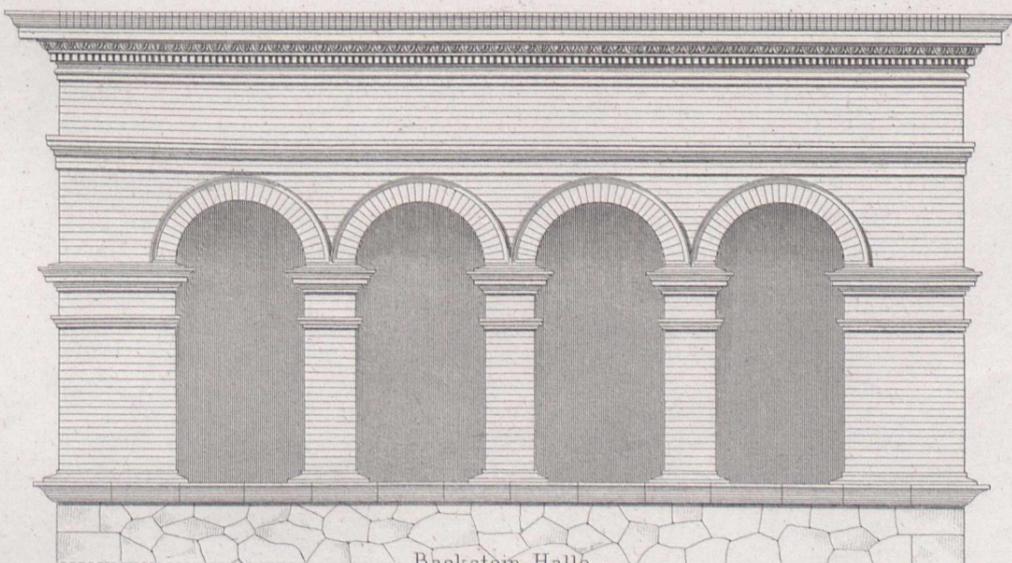
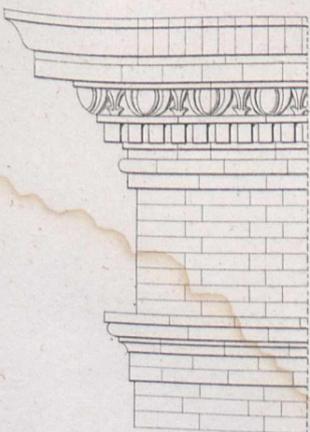


Dom



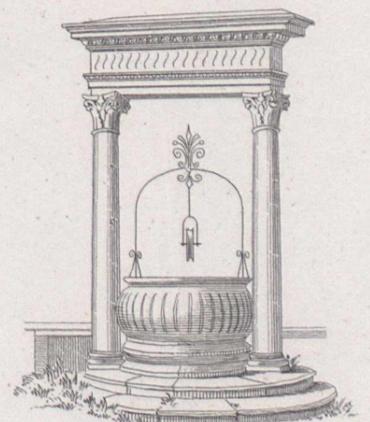
0 1 M

0 10 20 Meter



Backstein Halle

0 1 2 3 4 5 6 7 8 9 10 Meter



Ziehbrunnen