

ATLAS

ZUR

ZEITSCHRIFT FÜR BAUWESEN.

HERAUSGEGEBEN

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

REDACTIONS - COMMISSION:

FR. HITZIG, J. W. SCHWEDLER, H. HERRMANN, O. BAENSCH, H. OBERBECK,
MITGLIEDER DER TECHNISCHEN BAU-DEPUTATION UND DES ARCHITEKTEN-VEREINS.

REDACTEUR:

F. ENDELL,

REGIERUNGS- UND BAURATH IM KÖNIGLICHEN MINISTERIUM DER ÖFFENTLICHEN ARBEITEN.

1911. 1702.

JAHRGANG XXIX.



3420

BERLIN, 1879.
VERLAG VON ERNST & KORN
(GROPIUS'SCHE BUCH- UND KUNSTHANDLUNG)
WILHELMSTRASSE 90
(nächst dem Architekten-Haus).

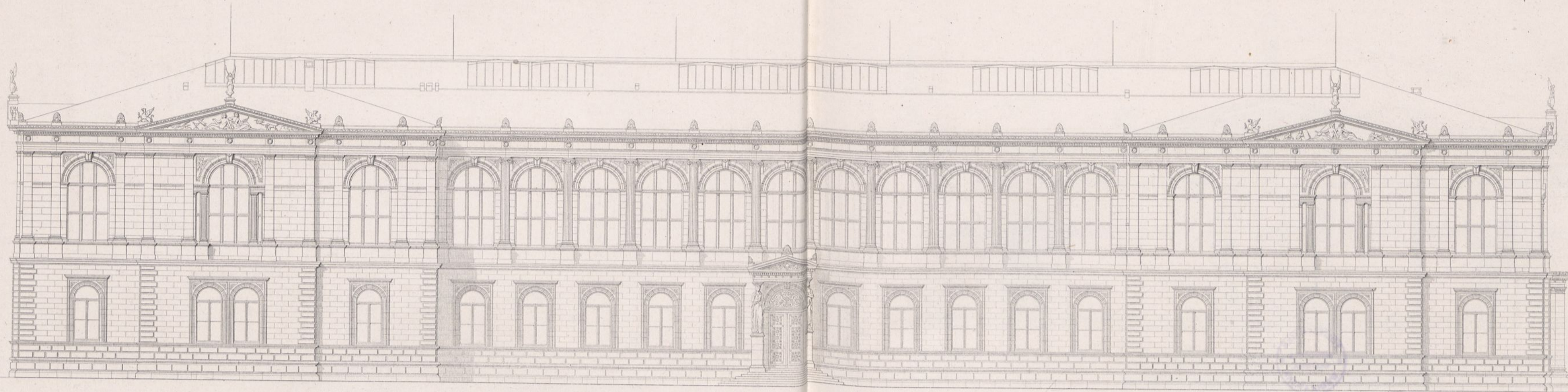




I n h a l t

sämmtlicher Kupfertafeln des neunundzwanzigsten Jahrgangs.

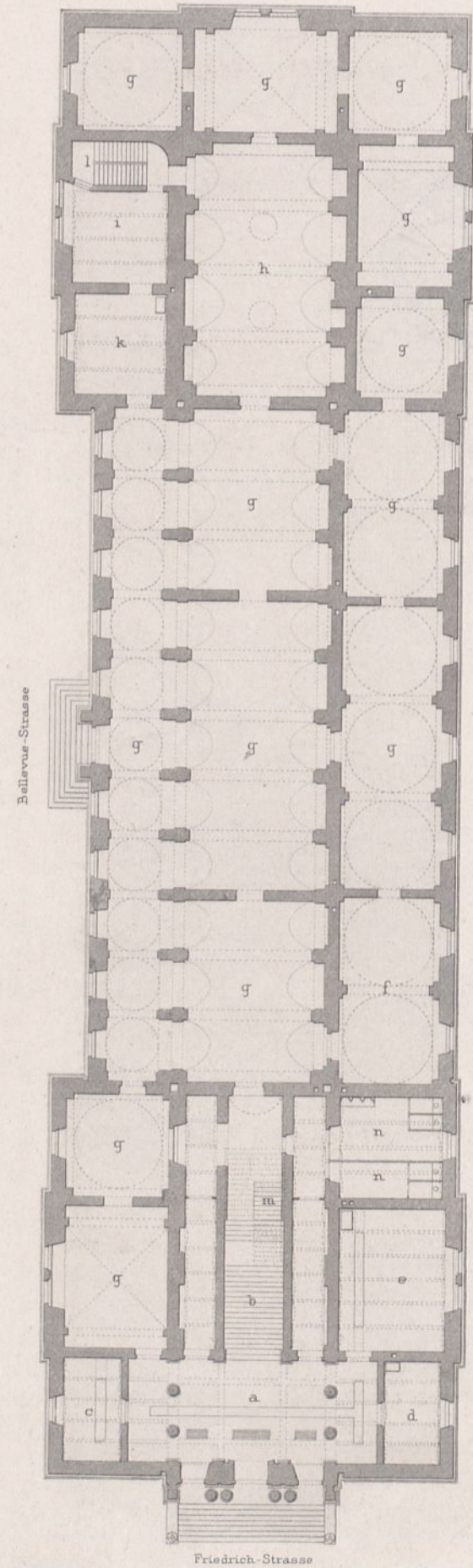
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Ansicht der Südseite.

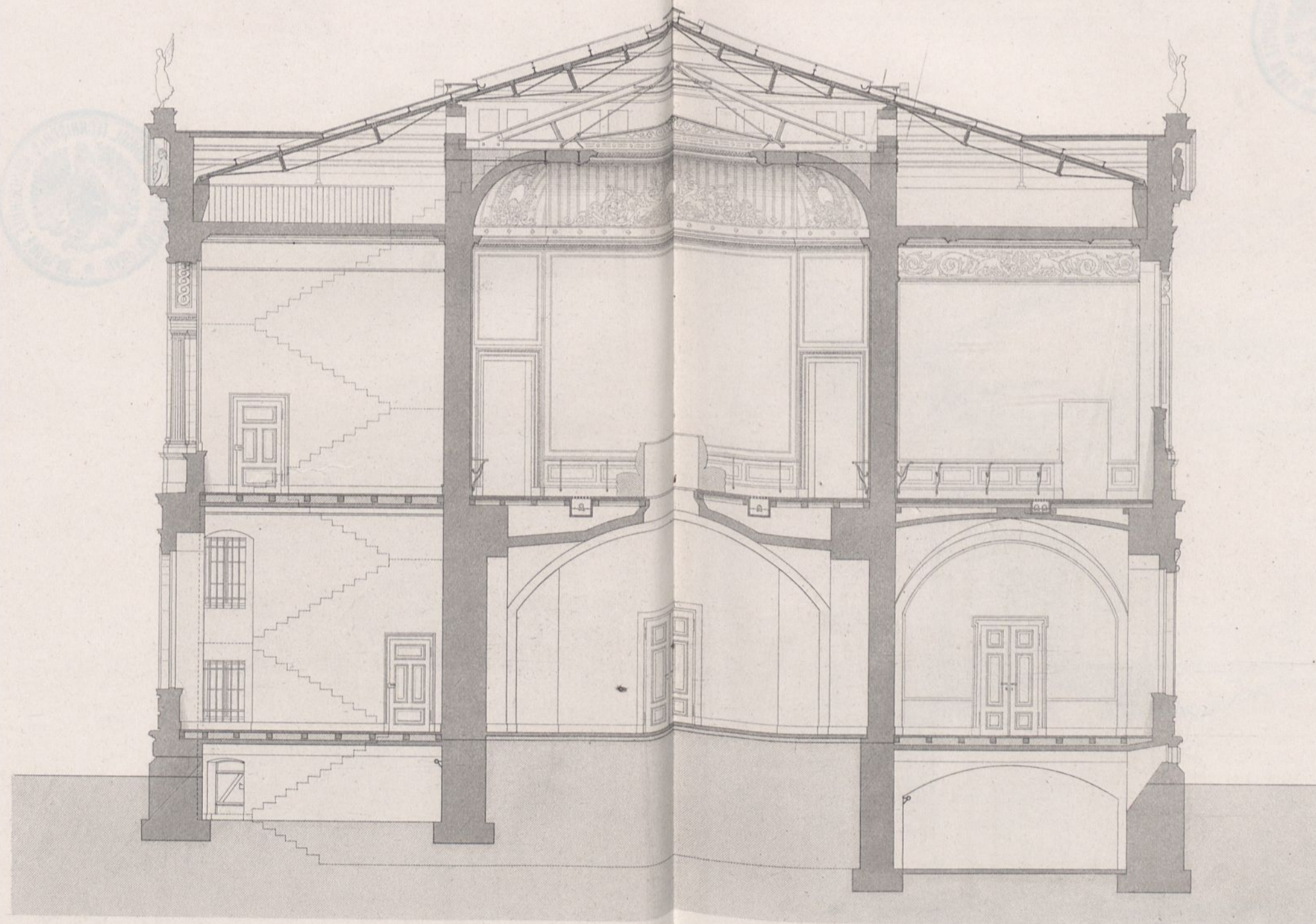
Erdgeschoss.

- a. Vorbül.
- b. Haupttreppe.
- c. Garderobe.
- d. Galerieflügel.
- e. Conservator.
- f. Reservzimmer für Gemälde.
- g. Räume für Gipsabgüsse u. andere Sammlungen.
- h. Magazin.
- i. Esquissen.
- k. Director.
- l. Nebentreppe vom Keller bis zum Dachboden.
- m. Kallertreppe.
- n. Abtritte.

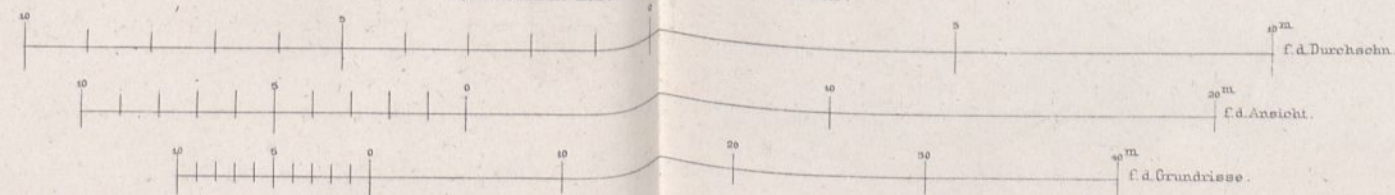


Friedrich-Strasse

H. v. Dehn-Rotfelser entw.



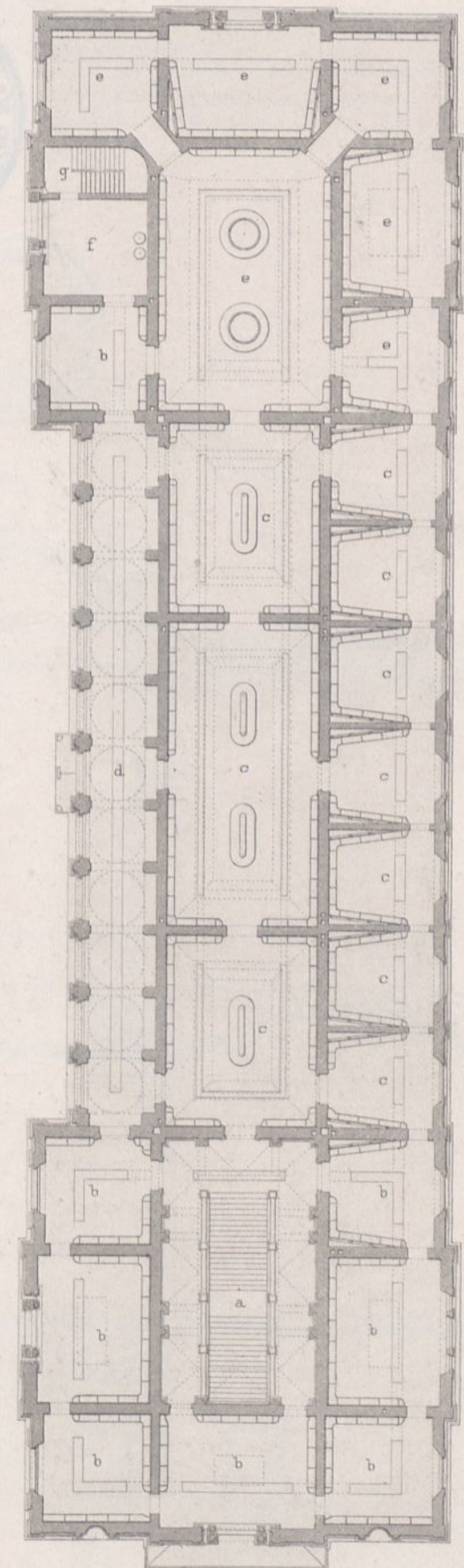
Querschnitt durch den westlichen Pavillon.



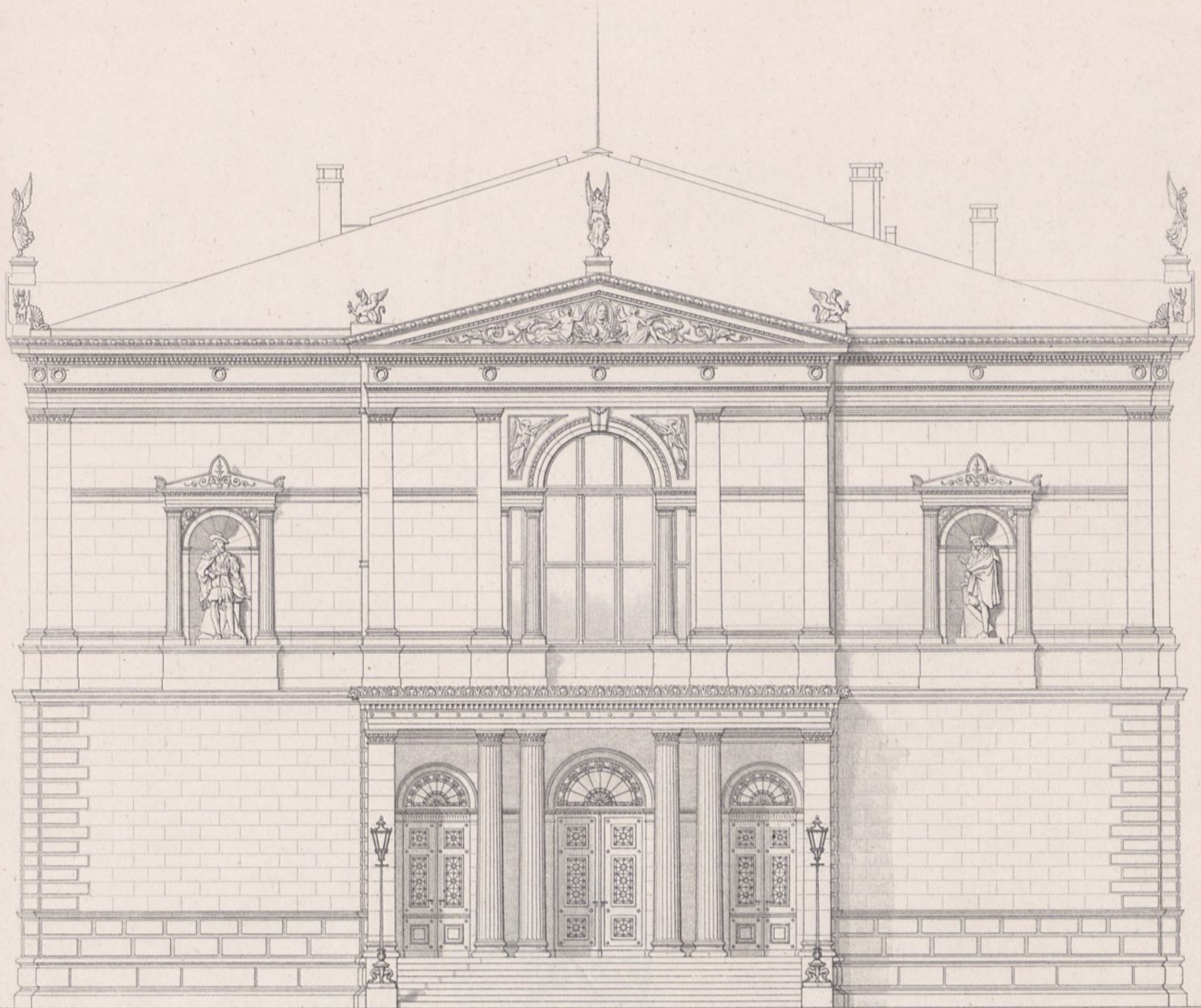
Ernst & Korn. Berlin.

Hauptgeschoss.

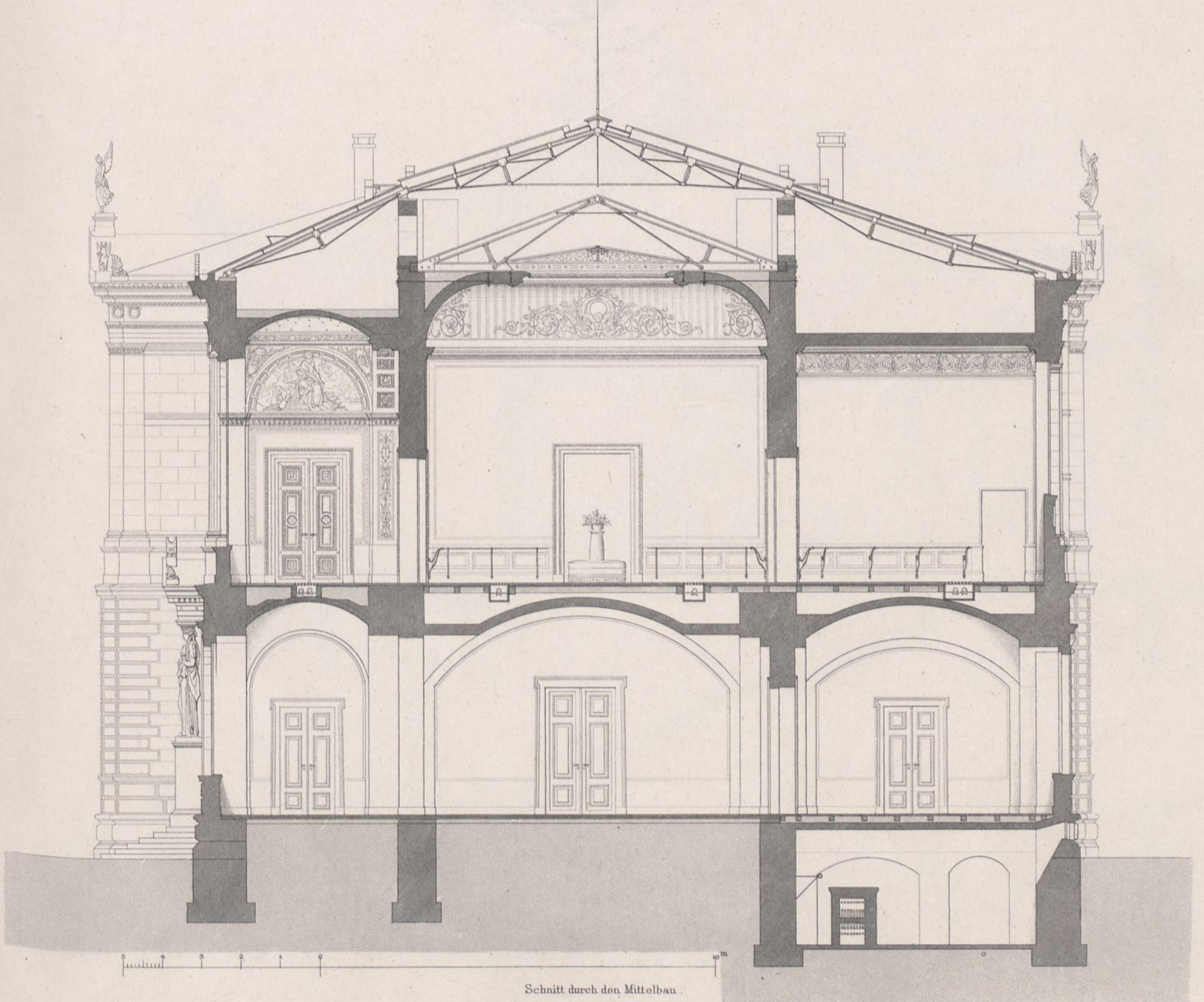
- a. Treppenhaus.
- b. Räume für ältere deutsche u. niederländische Gemälde.
- c. Räume für Gemälde aus der Blüthezeit der niederländischen Schule.
- d. Loggia.
- e. Räume für italienische, französische u. spanische Gemälde.
- f. Requisitenraum.
- g. Nebentreppe vom Keller bis zum Dachboden.



Min. Gebr. Ritter u. Biegel.



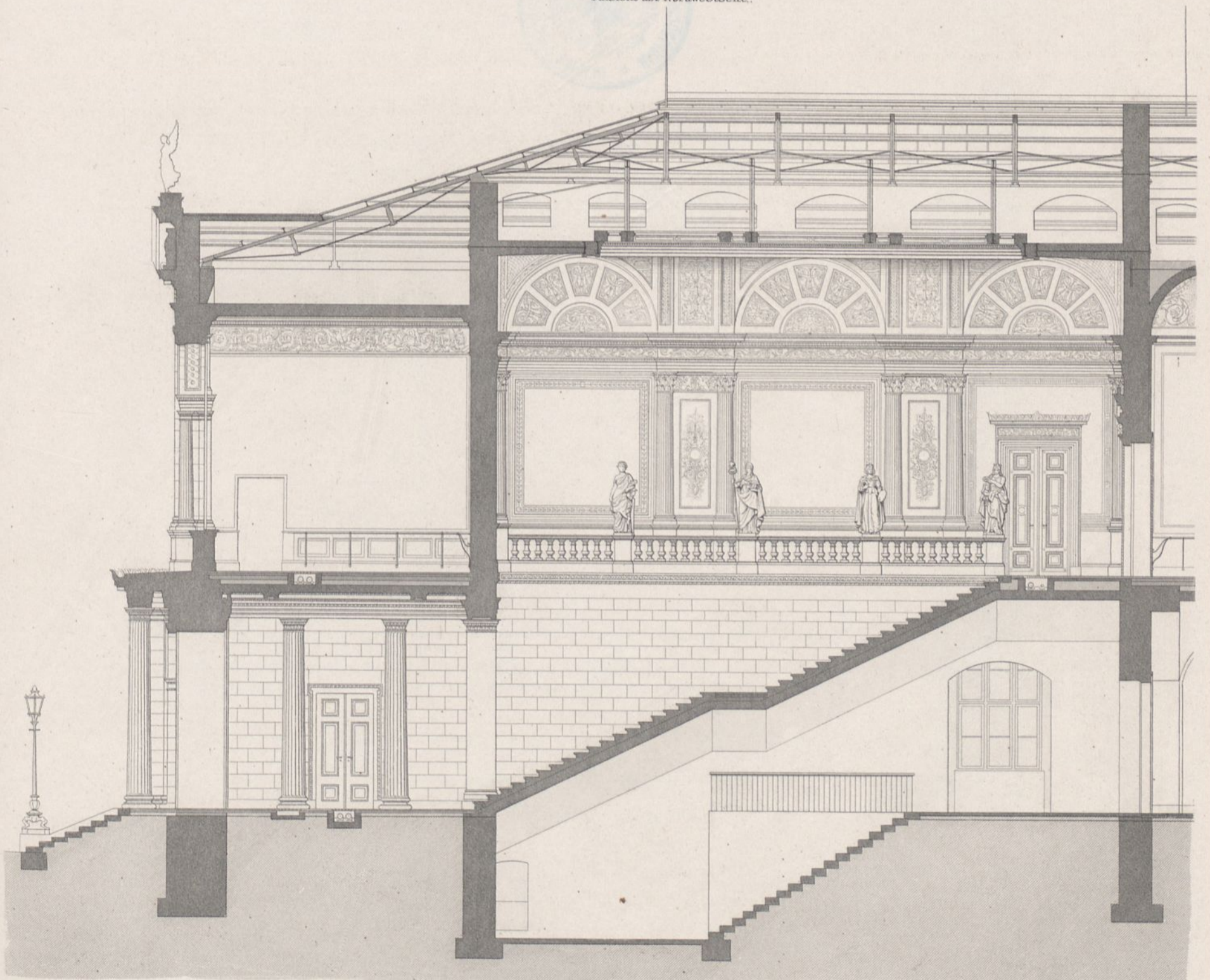
Ansicht der Nordostseite.



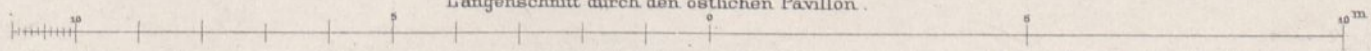
Schnitt durch den Mittelbau.

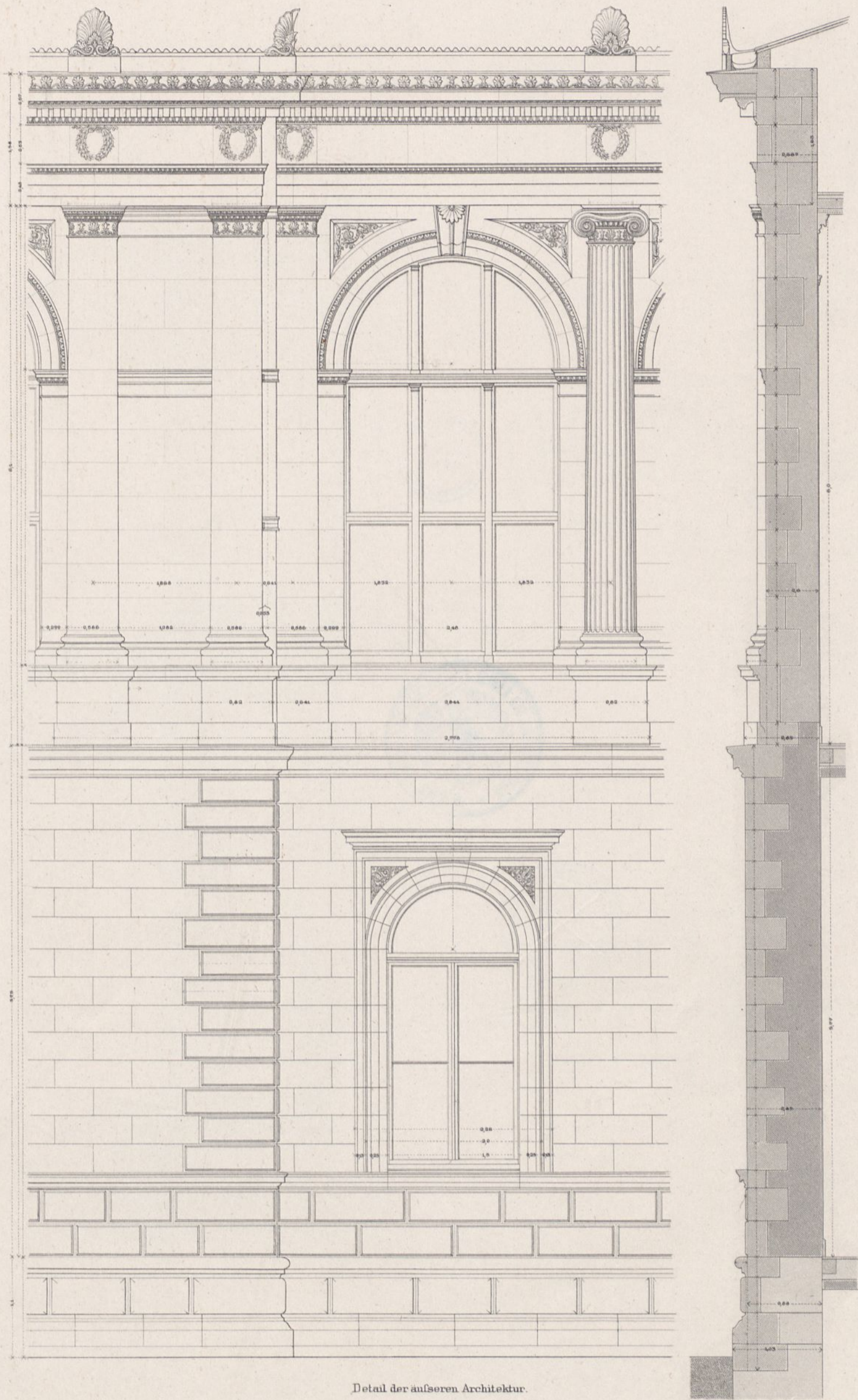


Ansicht der Nordwestseite.

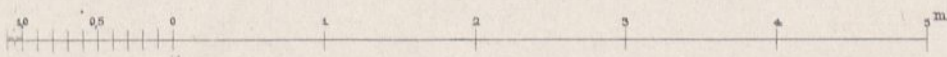


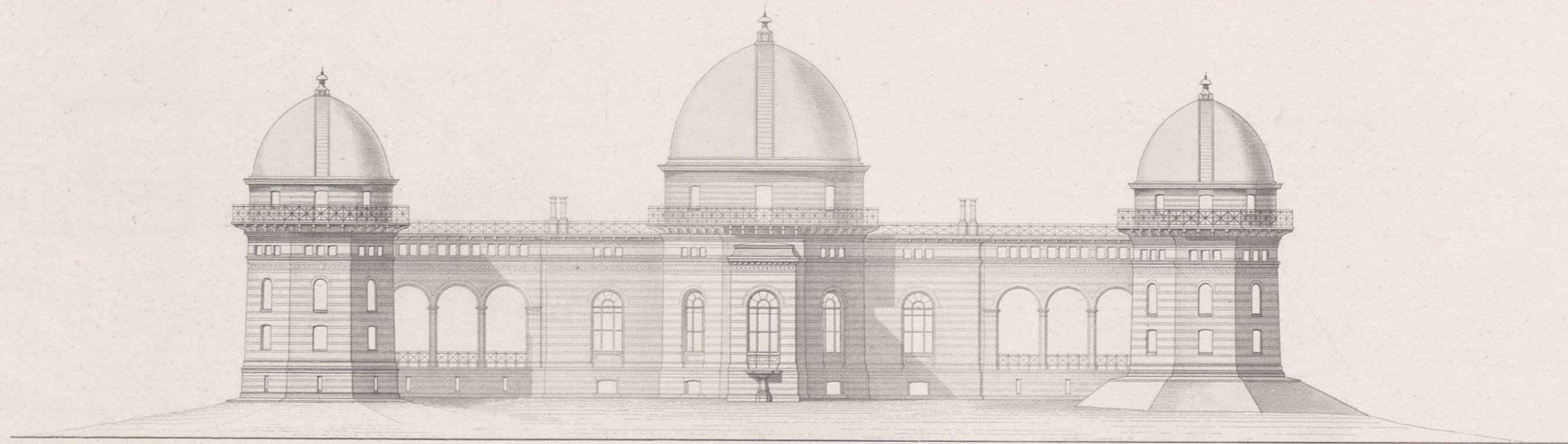
Längenschnitt durch den östlichen Pavillon.



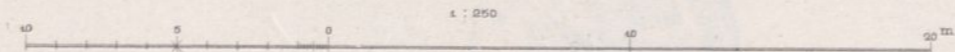


Detail der äußeren Architektur.



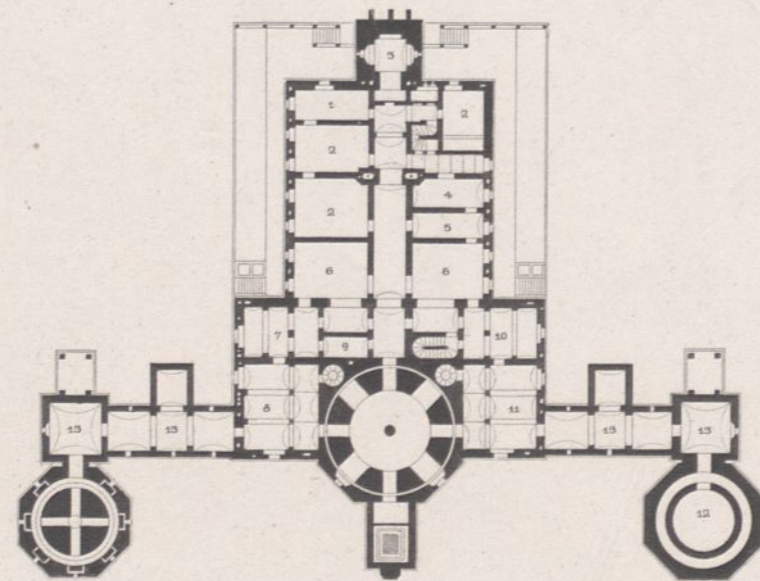


Südliche Ansicht des Hauptgebäudes.

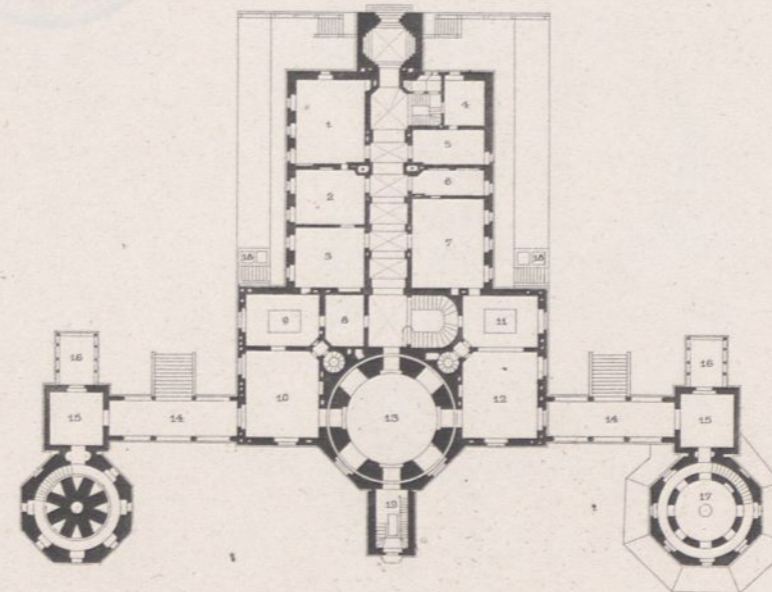


- 1. Küche
- 2. Zimmer } des Castellans.
- 3. Speisekammer
- 4. Wächterzimmer.
- 5. disponibel.
- 6. Heizkammer.
- 7. für größere photograph. Arbeiten.
- 8. für größere chem. Arbeiten.
- 9. Batterie.
- 10. Werkstätte f. Metallarb.
- 11. " " f. Holzarb.
- 12. Normaluhr pp.
- 13. Nebenräume.

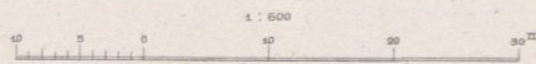
Untergeschoss.



Hauptgeschoss.

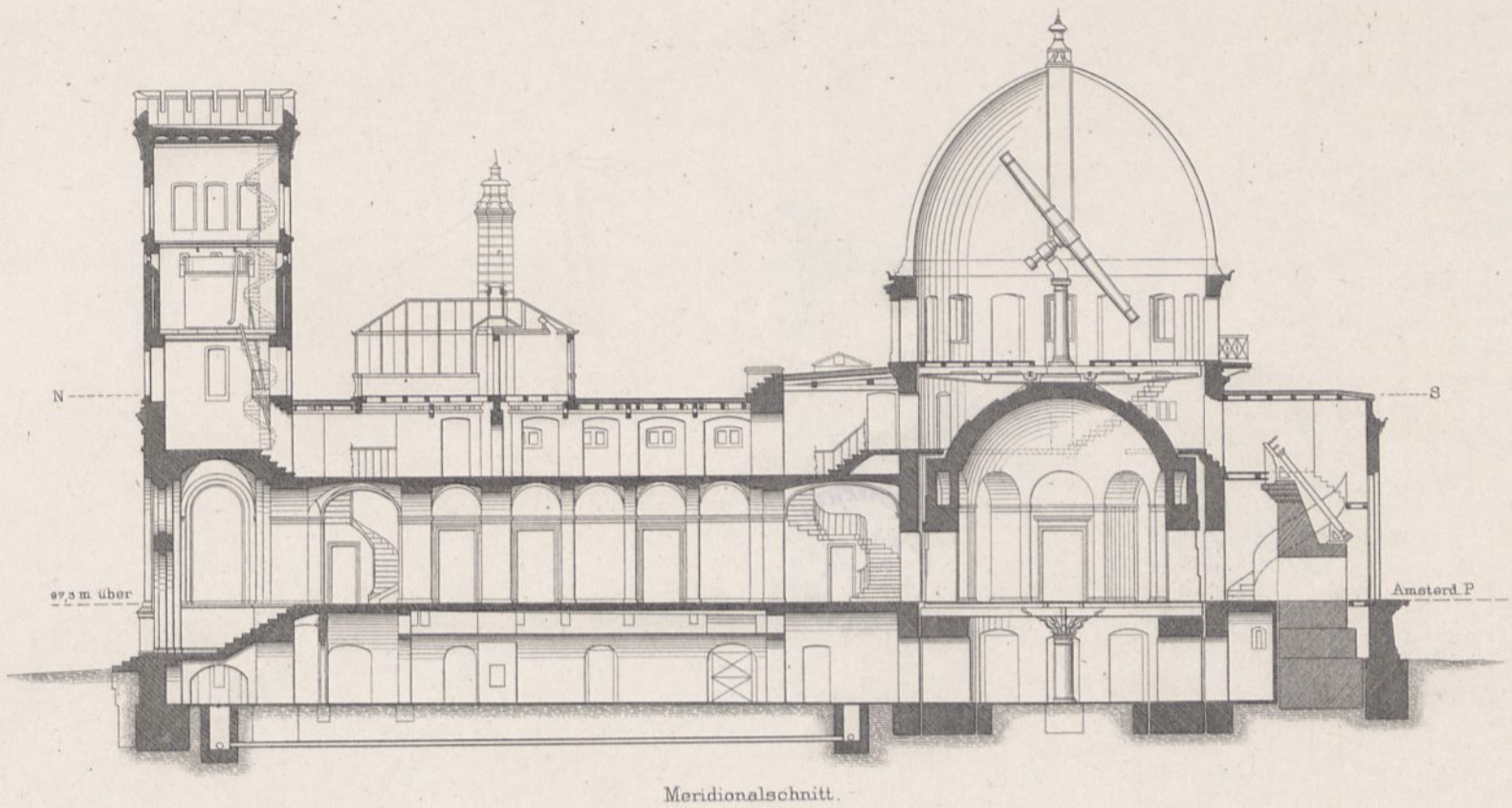


- 1. Für Rechner u. Assistenten.
- 2 u. 3. Arbeitsz. für je einen Observator.
- 4. zum Messen an photograph. Platten.
- 5. Erster Assistent.
- 6. Vorzimmer zu
- 7. Direktor- und Conferenz-Z.
- 8. Dunkelkammer.
- 9. für photograph. Arb.
- 10. für spektralanalyt. Arb.
- 11. für physikal. Untersuchungen.
- 12. für optische " "
- 13 u. 17. Sammlungen.
- 14. Verbindungs-Hallen.
- 15. Vorräume zu den Thürmen.
- 16. Holzvorbauten zu meteorologi-
schen Beobachtungen.
- 18. Luftschränke zur Heizung.
- 19. Heliographen-Vorbau.

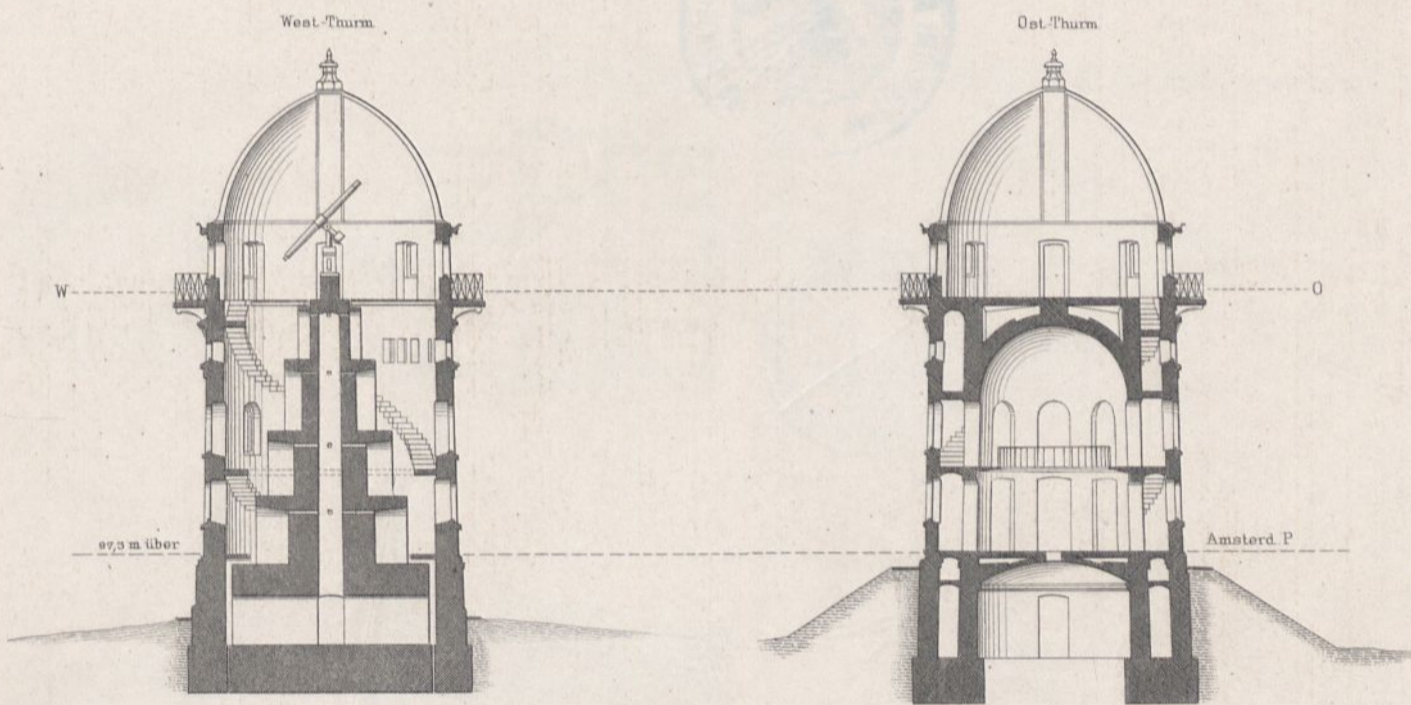


Ernst & Korn, Berlin.

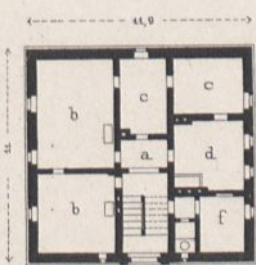
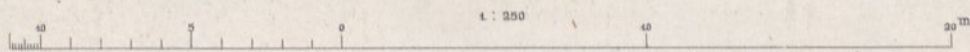
Arch. Gebr. Ritter u. Riegel
gest. Seyer.



Meridionalschnitt.

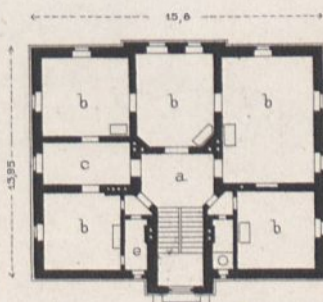


Schnitt von West nach Ost durch die Seitenthürme.



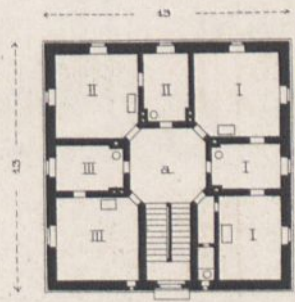
Maschinen-Wohnhaus.

- a. Vorplatz.
- b. Zimmer.
- c. Kammer.
- d. Küche.
- e. Baderaum.
- f. Materialienraum.

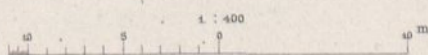


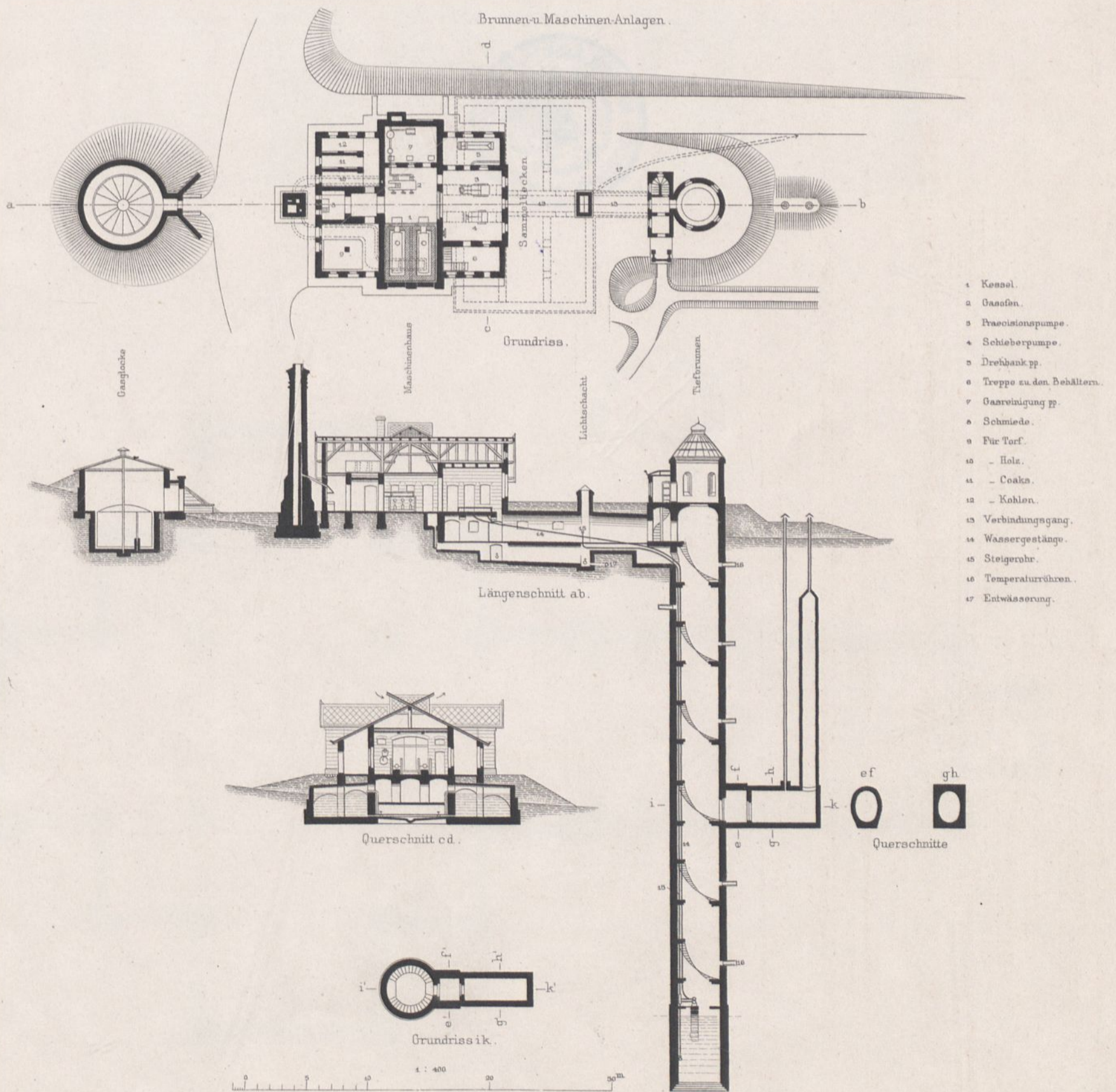
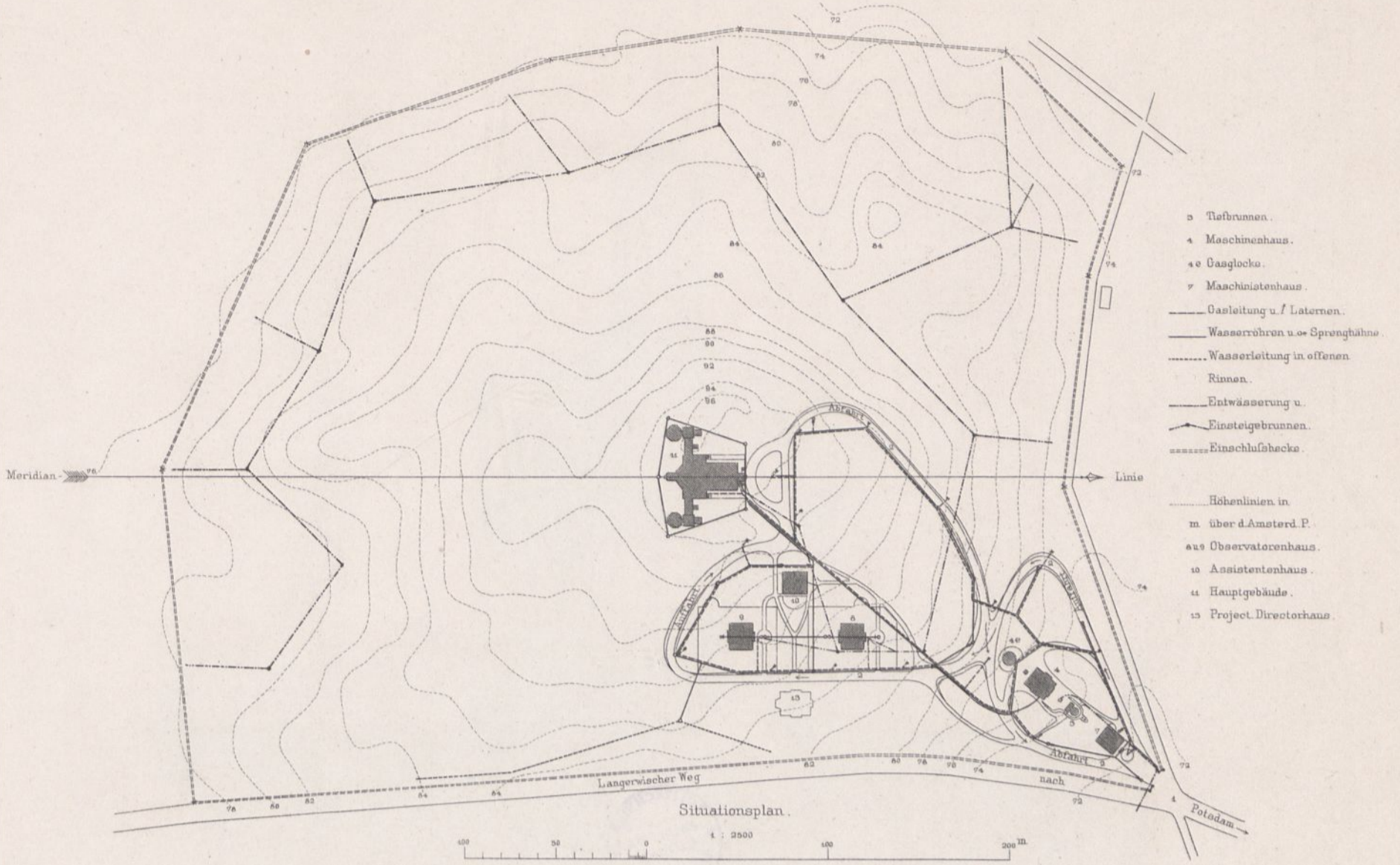
Observatoren-Wohnh.

- I Wohng d. I. Assiat.
- II - d. II -
- III - d. III -



Assistenten-Wohnhaus.





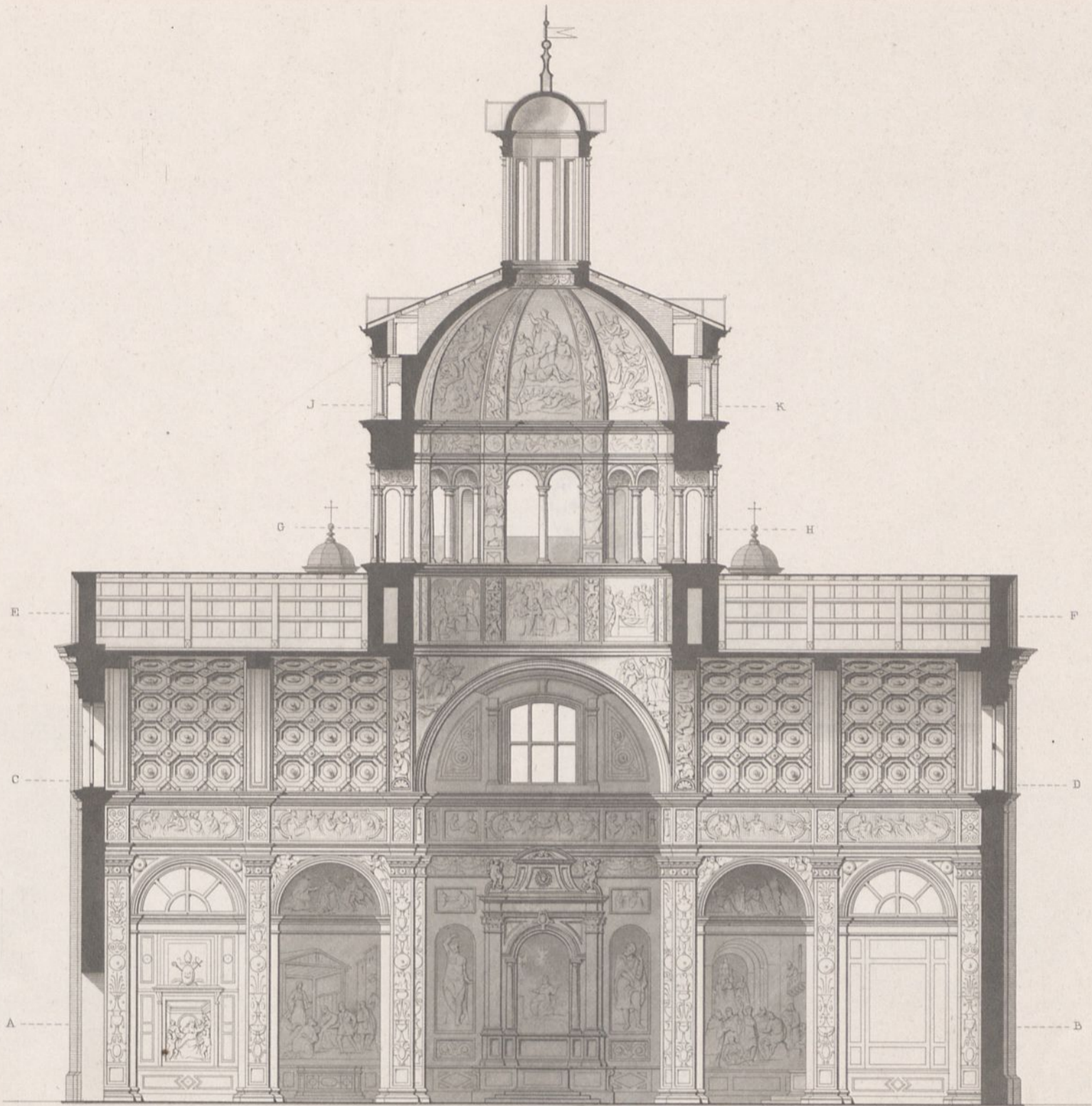


Fig 2 Durchschnitt nach LM.

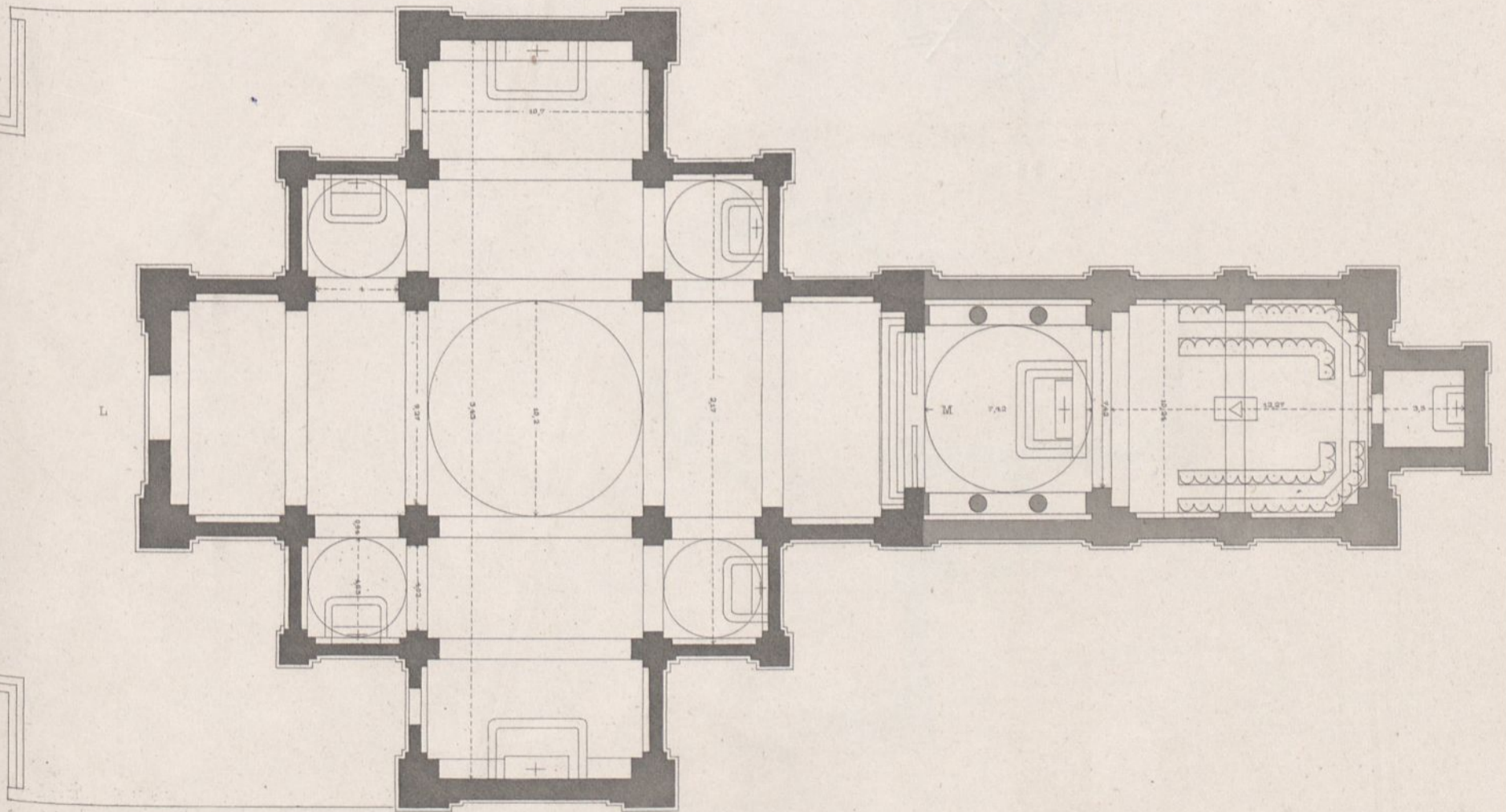
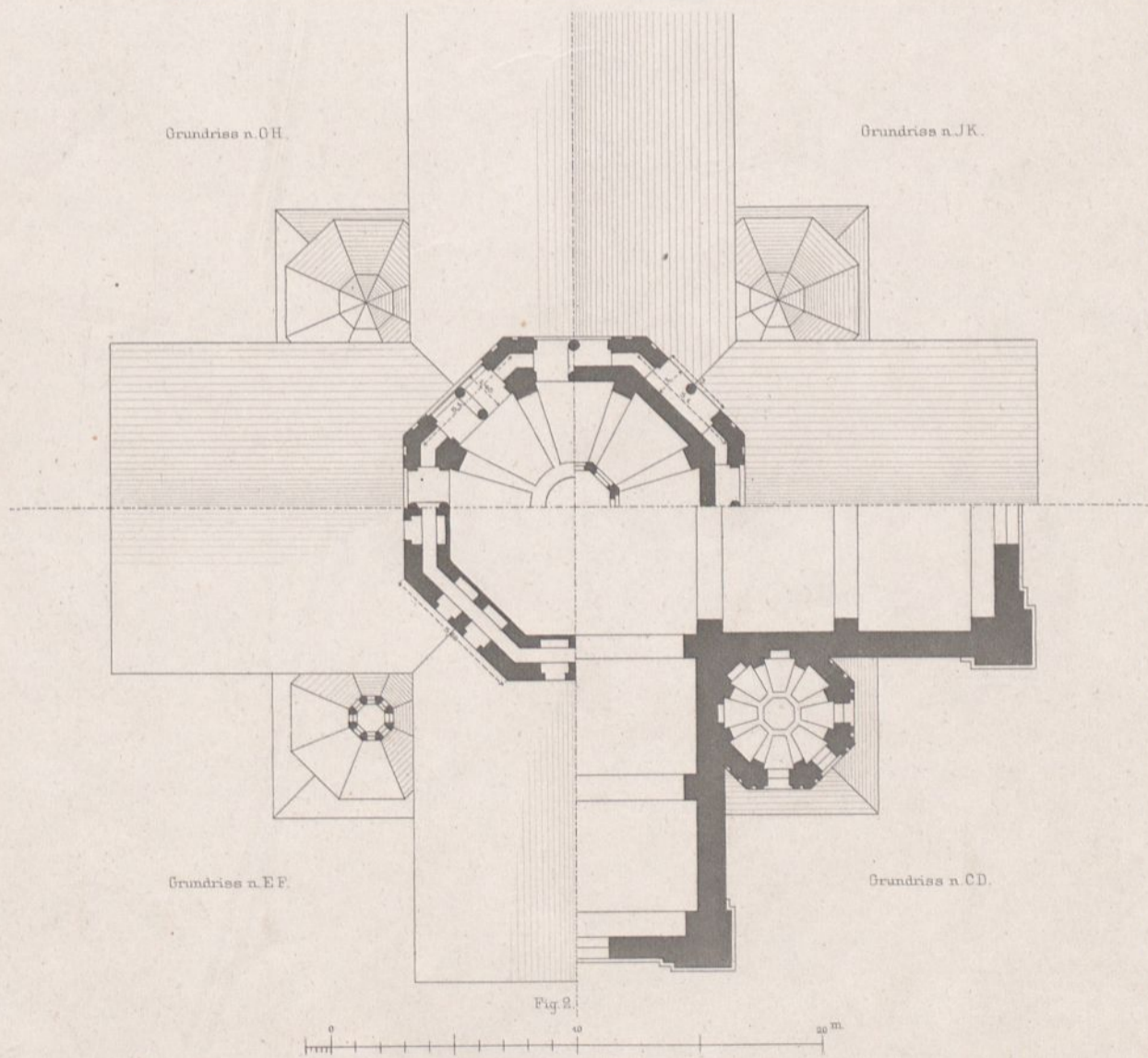


Fig 1 Grundriss nach AB.

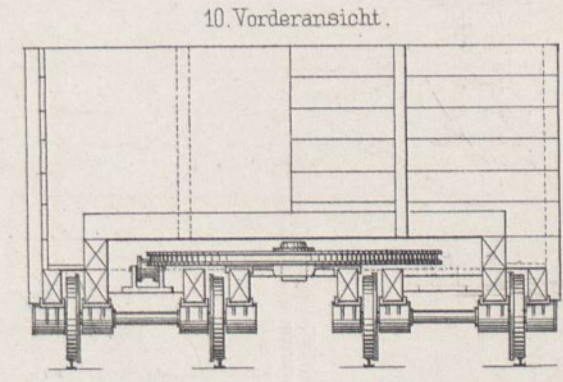
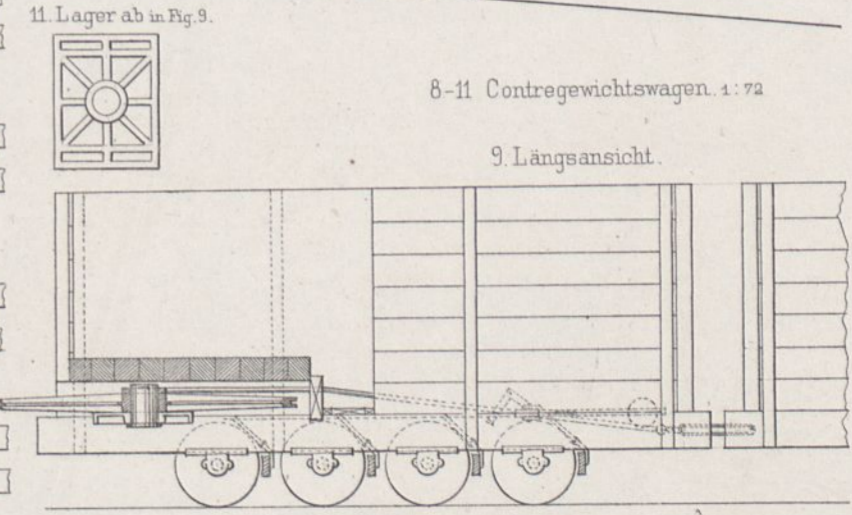
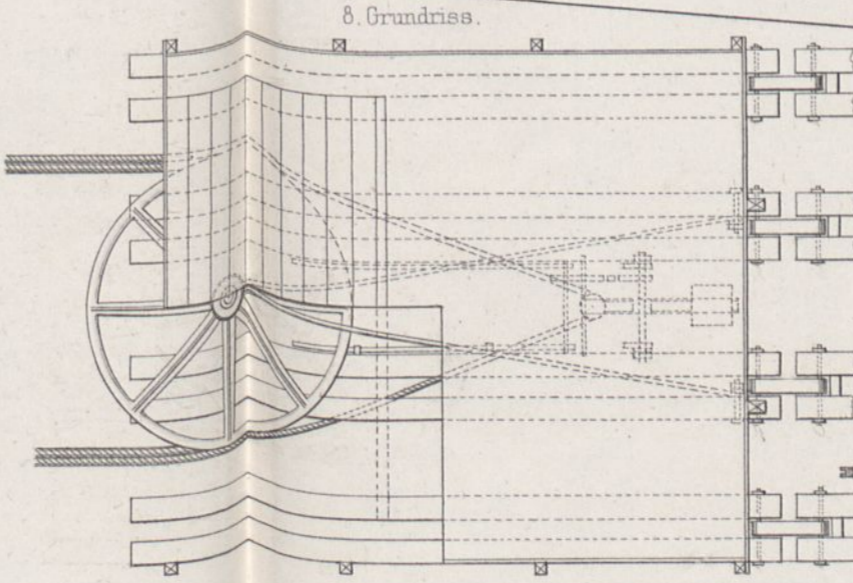
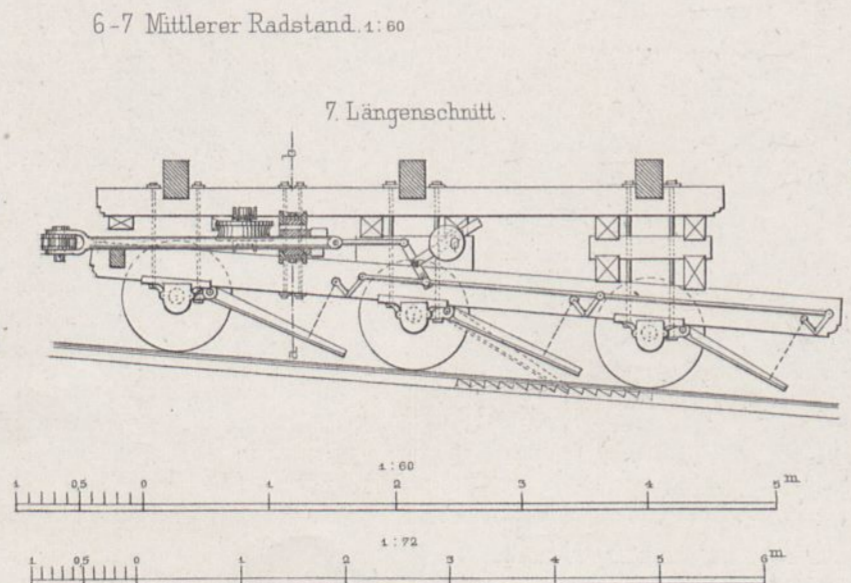
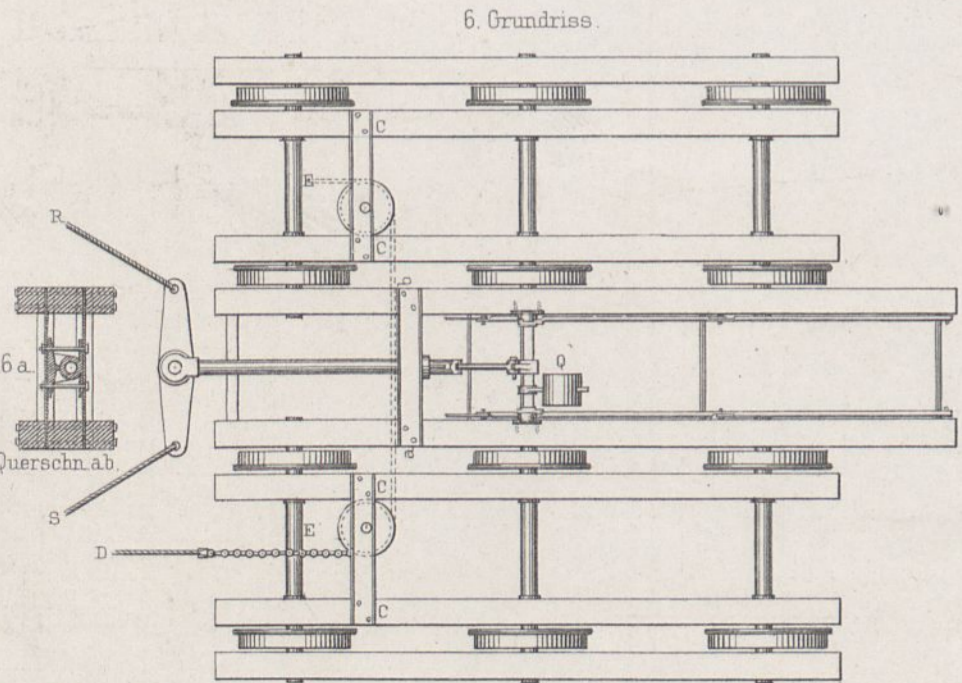
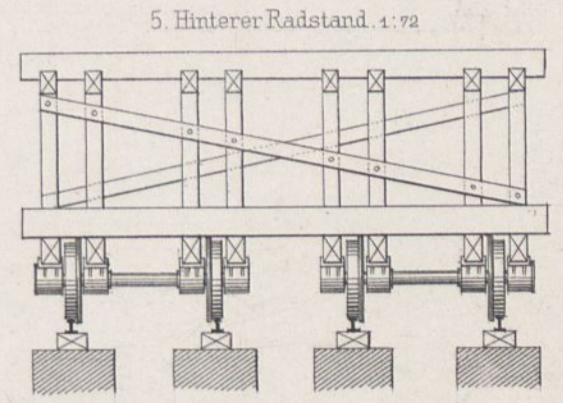
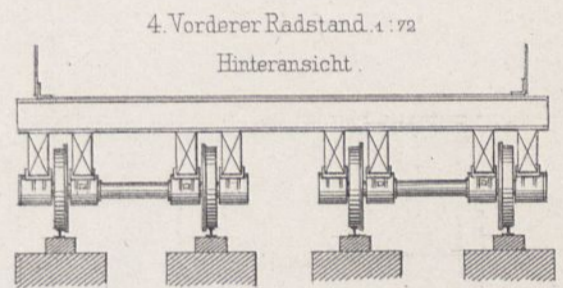
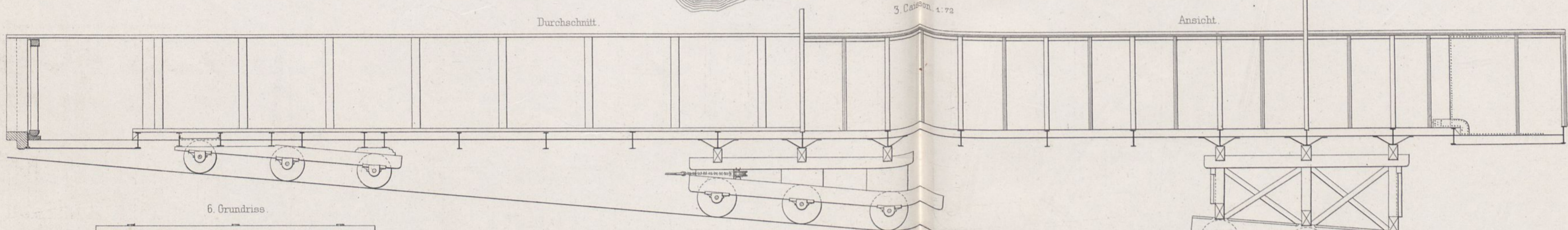
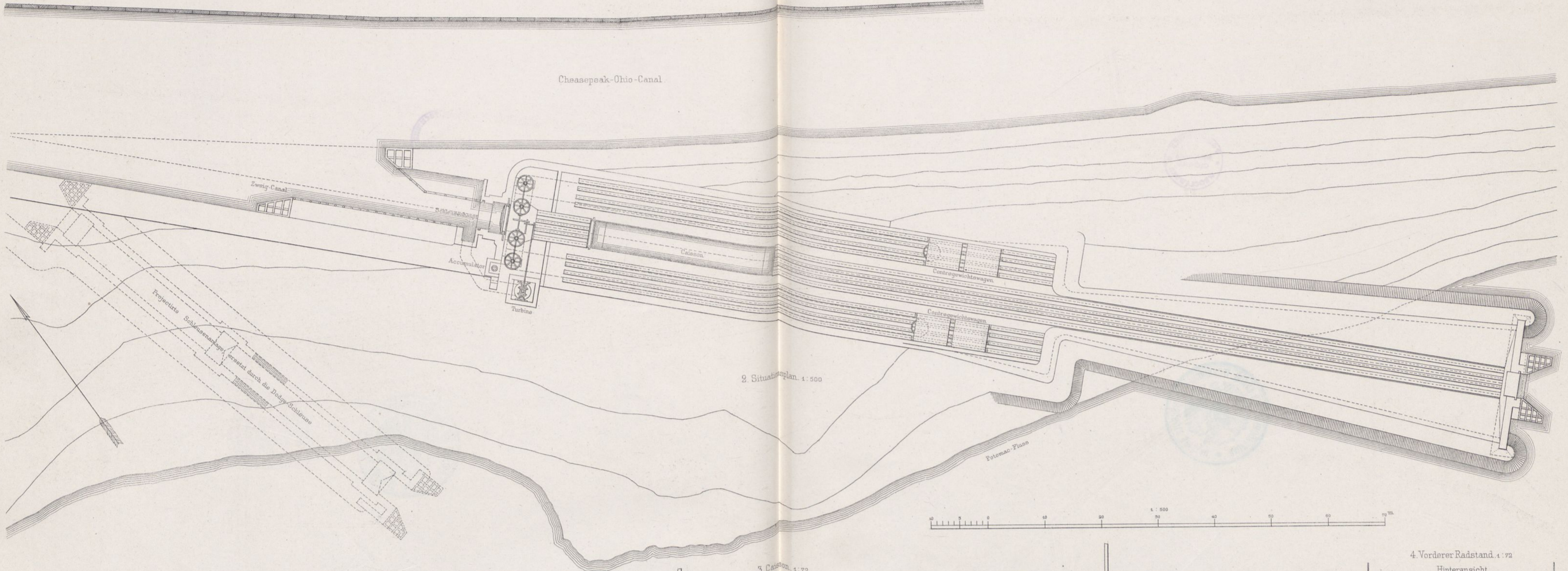
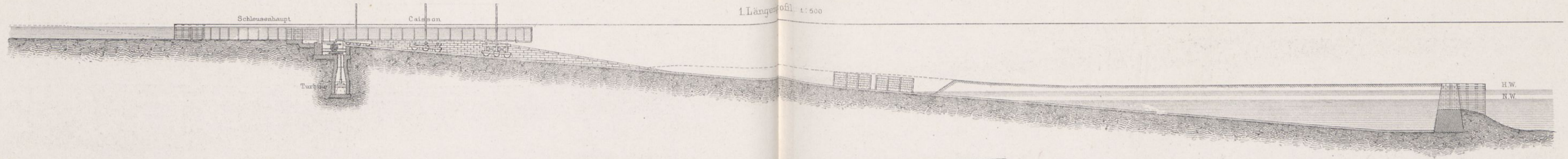
Madonna di Campagna zu Piacenza.



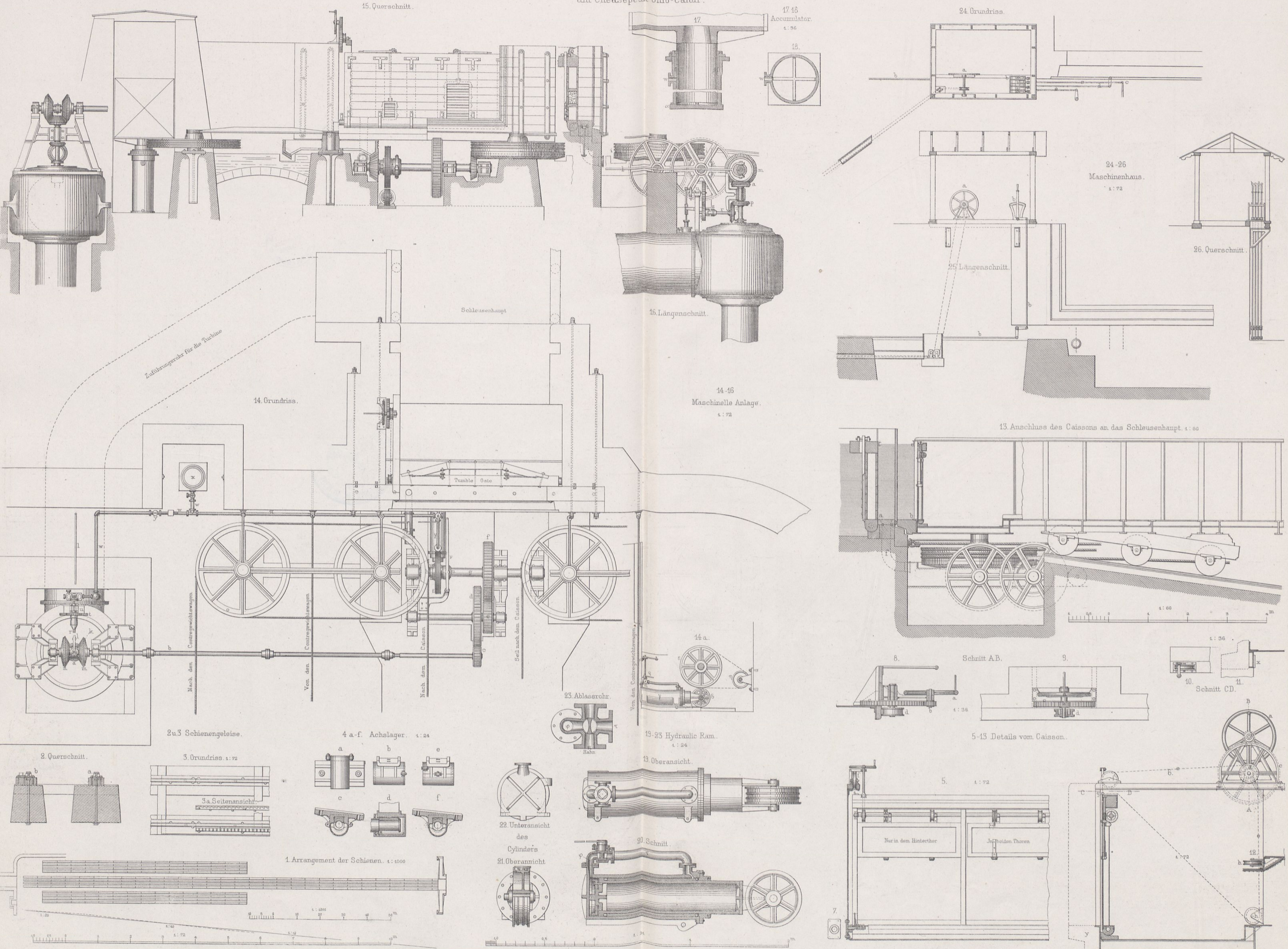
Fig 1. Perspektivische Ansicht.



Madonna di Campagna zu Piacenza.



Dodge-Schleuse am Cheasepeak-Ohio-Canal.



15. Querschnitt.

17. 48 Accumulator.
1:56

24 Grundriss.

24-26
Maschinenhaus.
1:72

26. Querschnitt.

16. Längenschnitt.

14-16
Maschinelle Anlage.
1:72

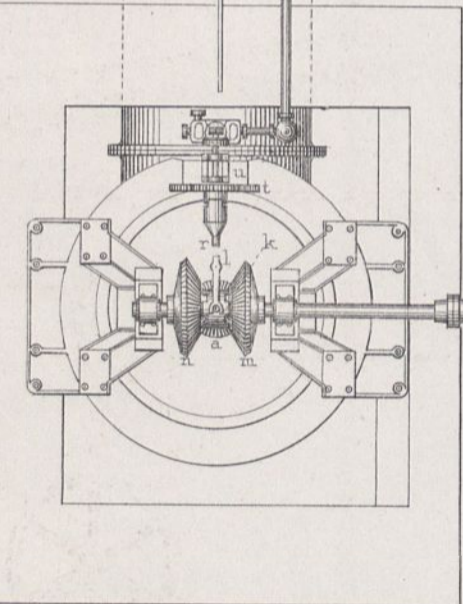
25 Längenschnitt.

Zuführungswahl für die Maschine

14 Grundriss.

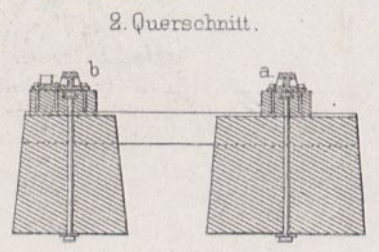
Schleusehaupt

13. Anschluss des Caissons an das Schleusenaupt. 1:60



Contragewichtswagen
Nach dem
Vor dem

2 u. 3 Schienengeleise.

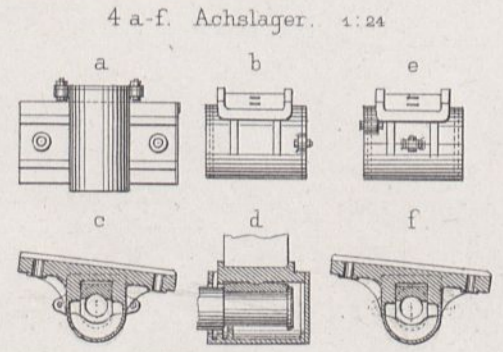


2. Querschnitt.



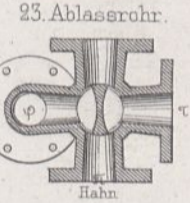
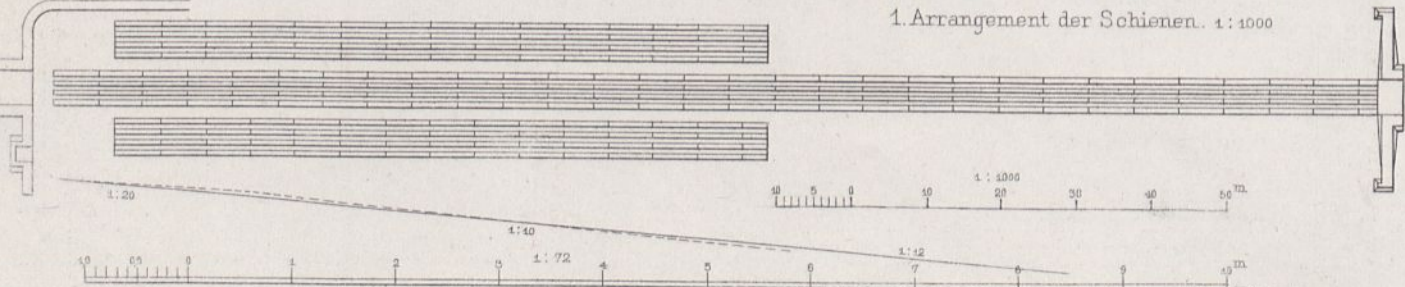
3 Grundriss. 1:72

3a Seitenansicht



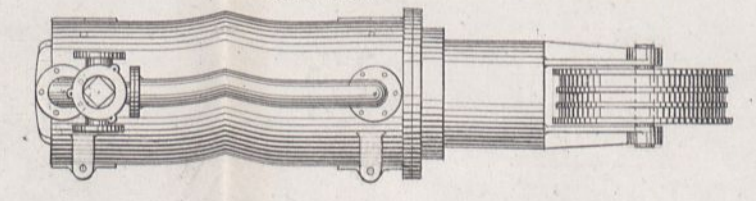
4 a-f. Achslager. 1:24

1. Arrangement der Schienen. 1:1000



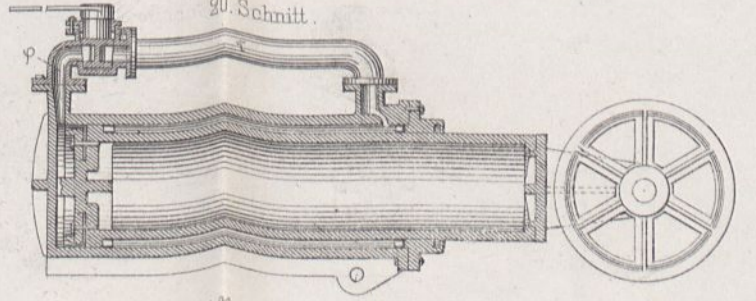
13-23 Hydraulic Ram.
1:24

13. Oberansicht.

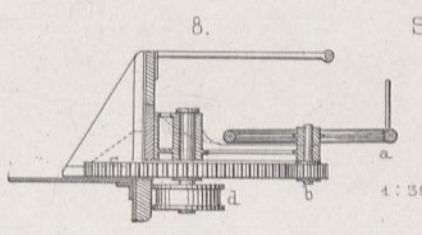


22. Unteransicht
des
Cylinders

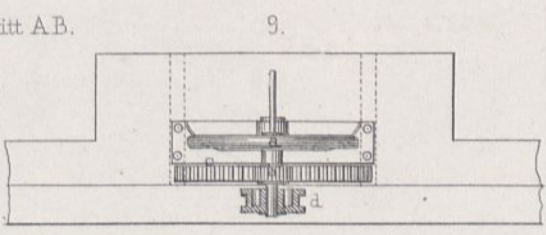
21. Oberansicht



20. Schnitt.



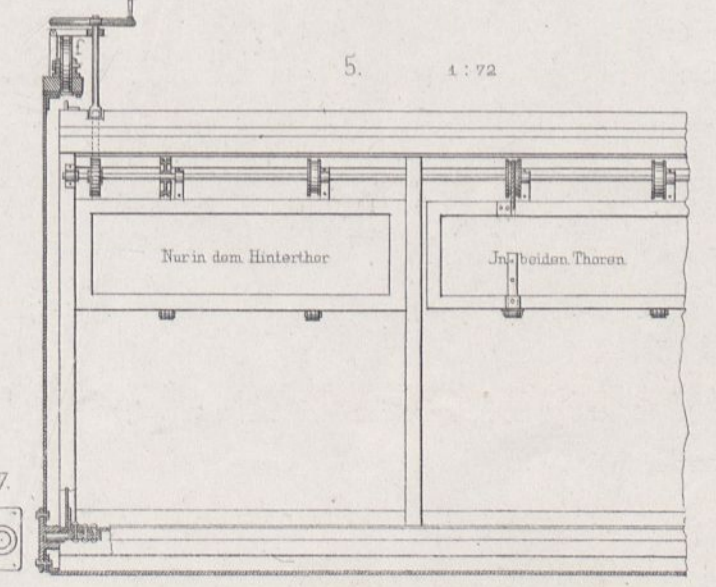
Schnitt A.B.



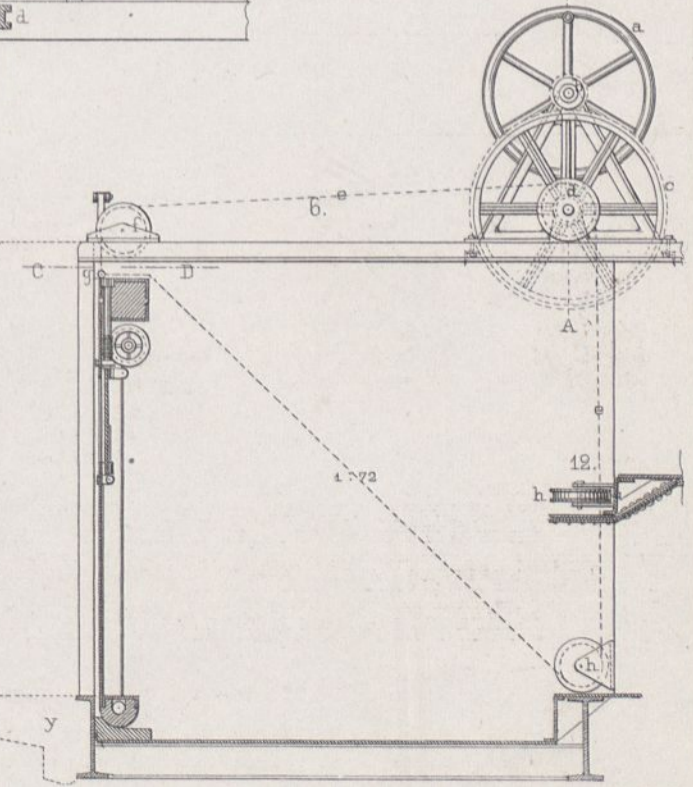
1:36

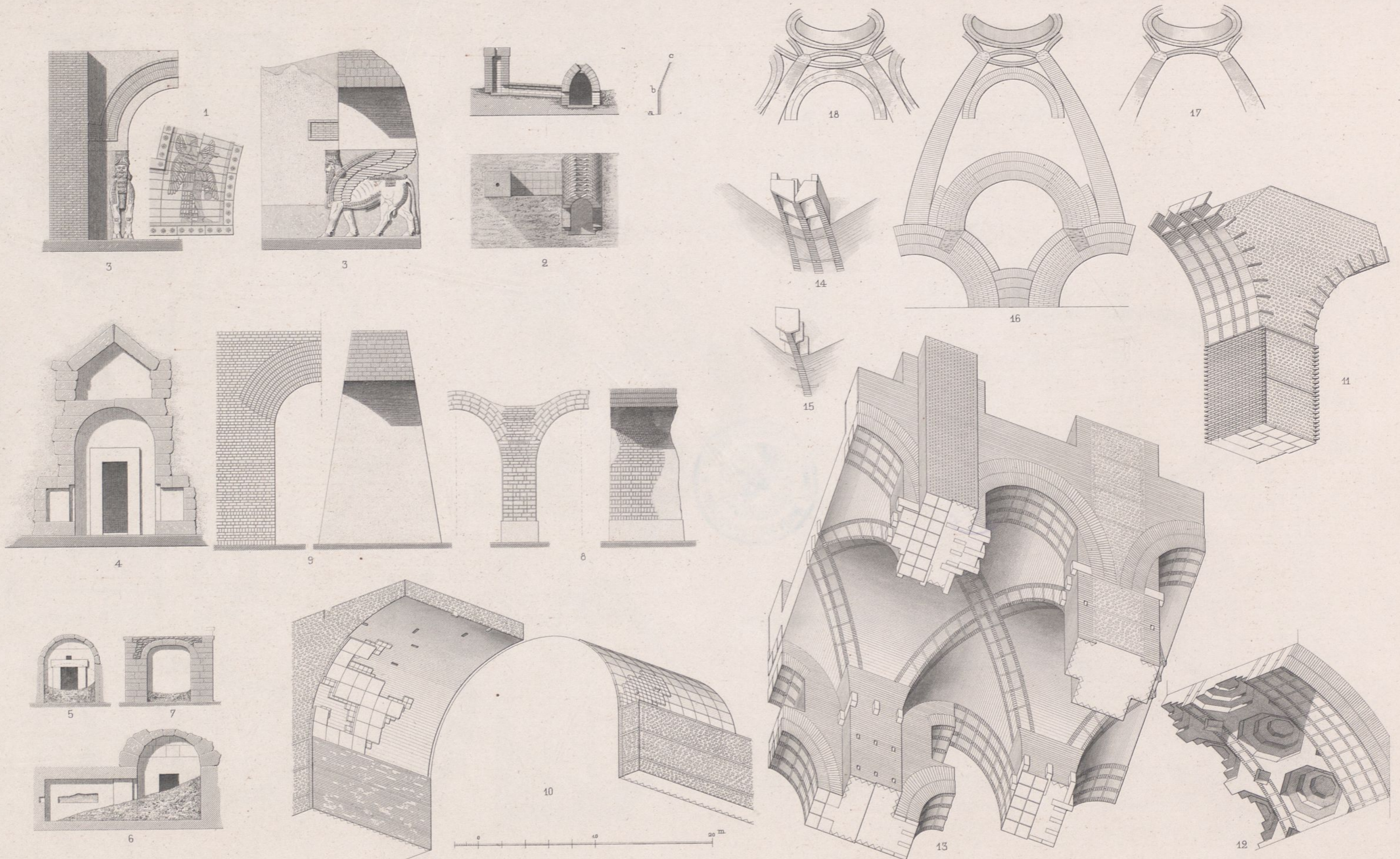
Schnitt C.D.

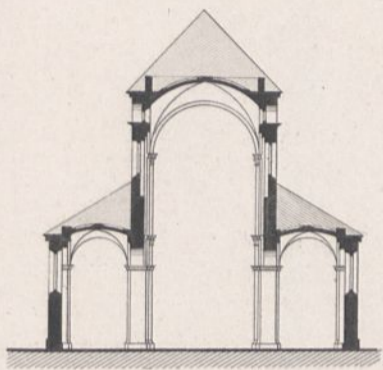
5-13 Details vom Caisson.



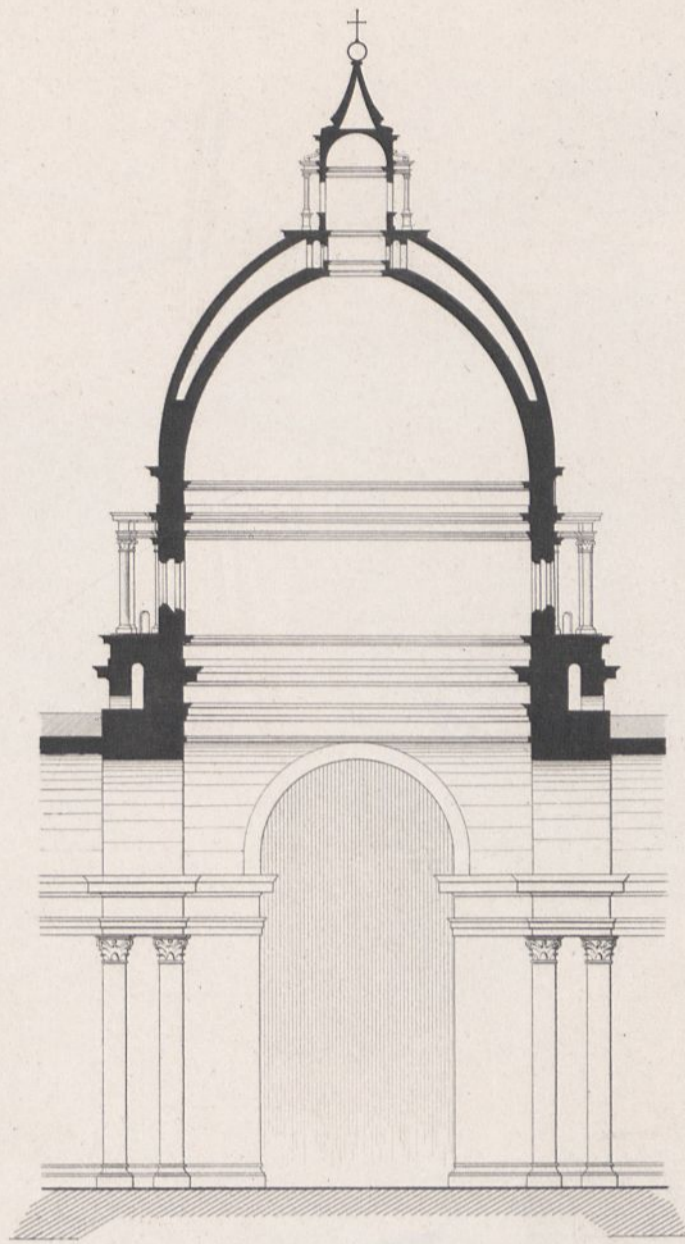
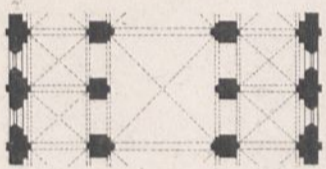
5. 1:72



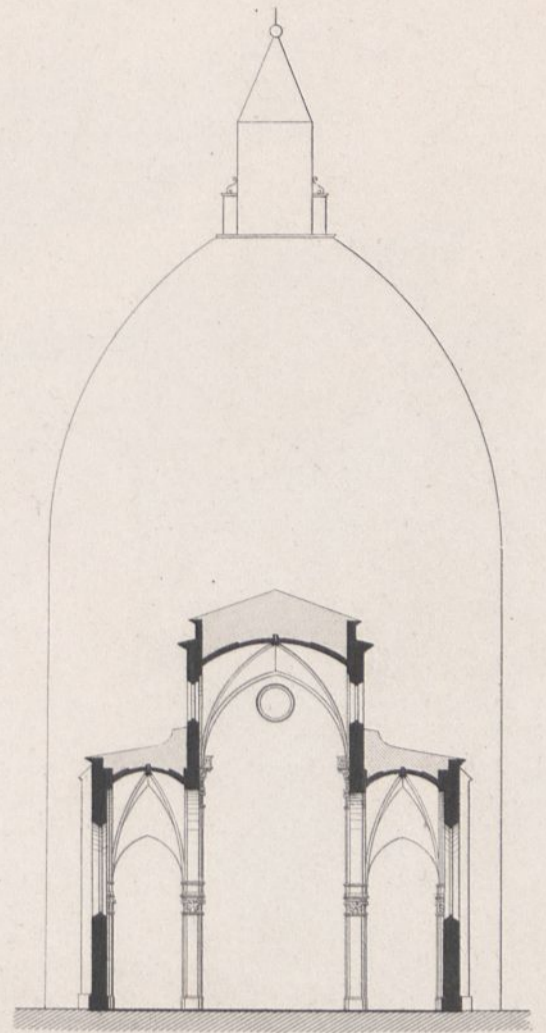




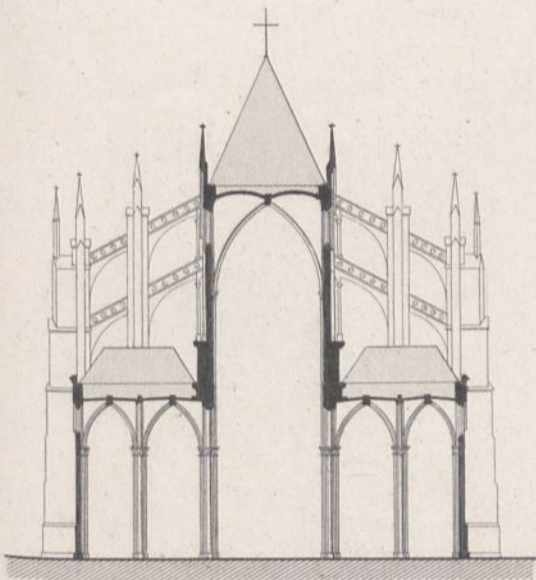
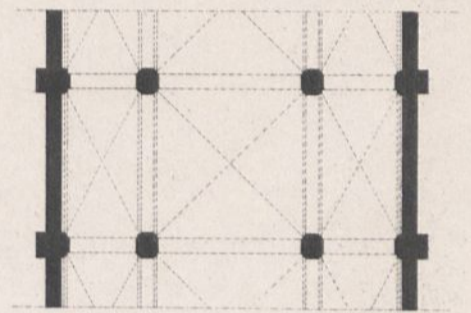
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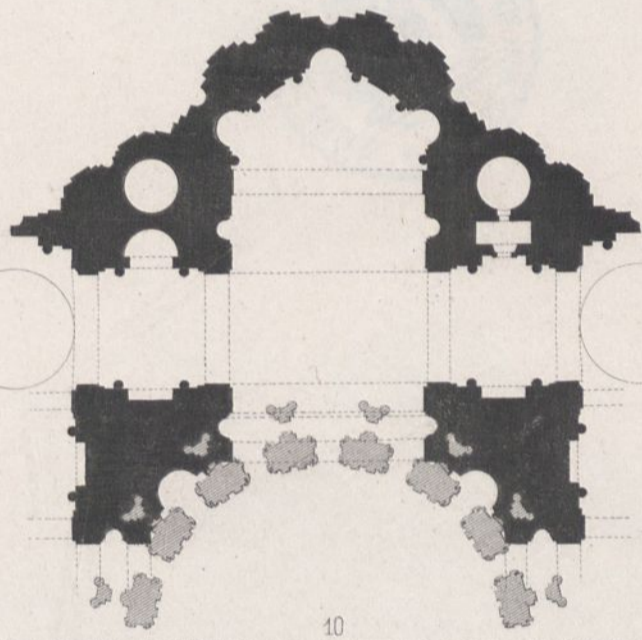
10



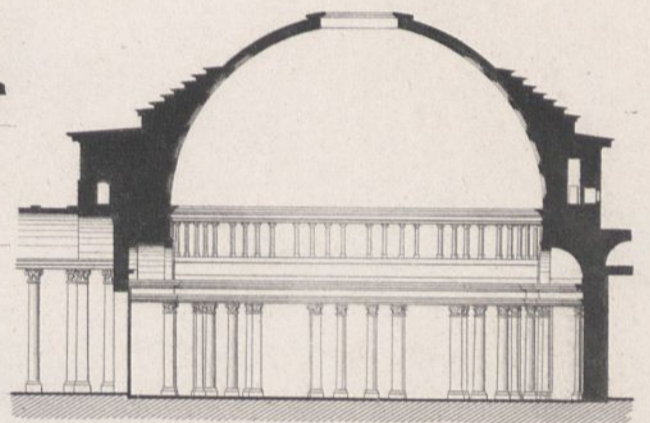
8



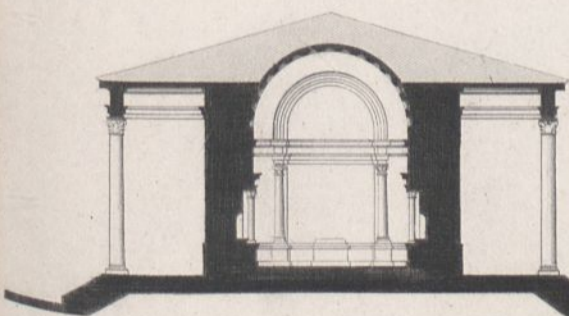
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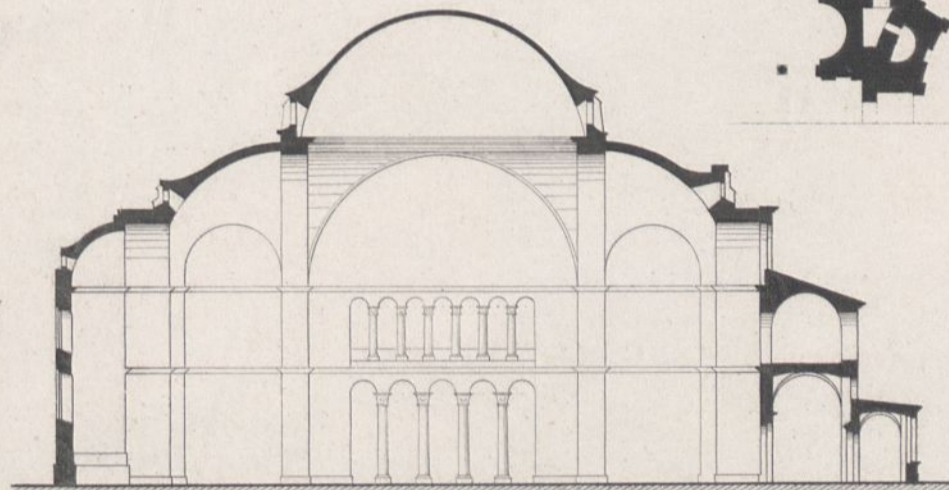
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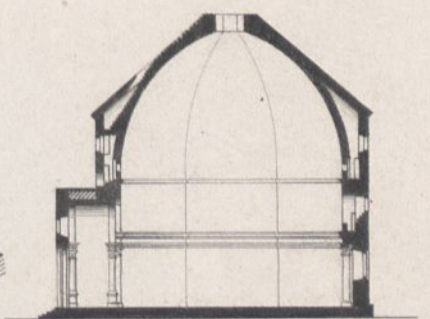
4



3



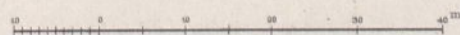
5



9

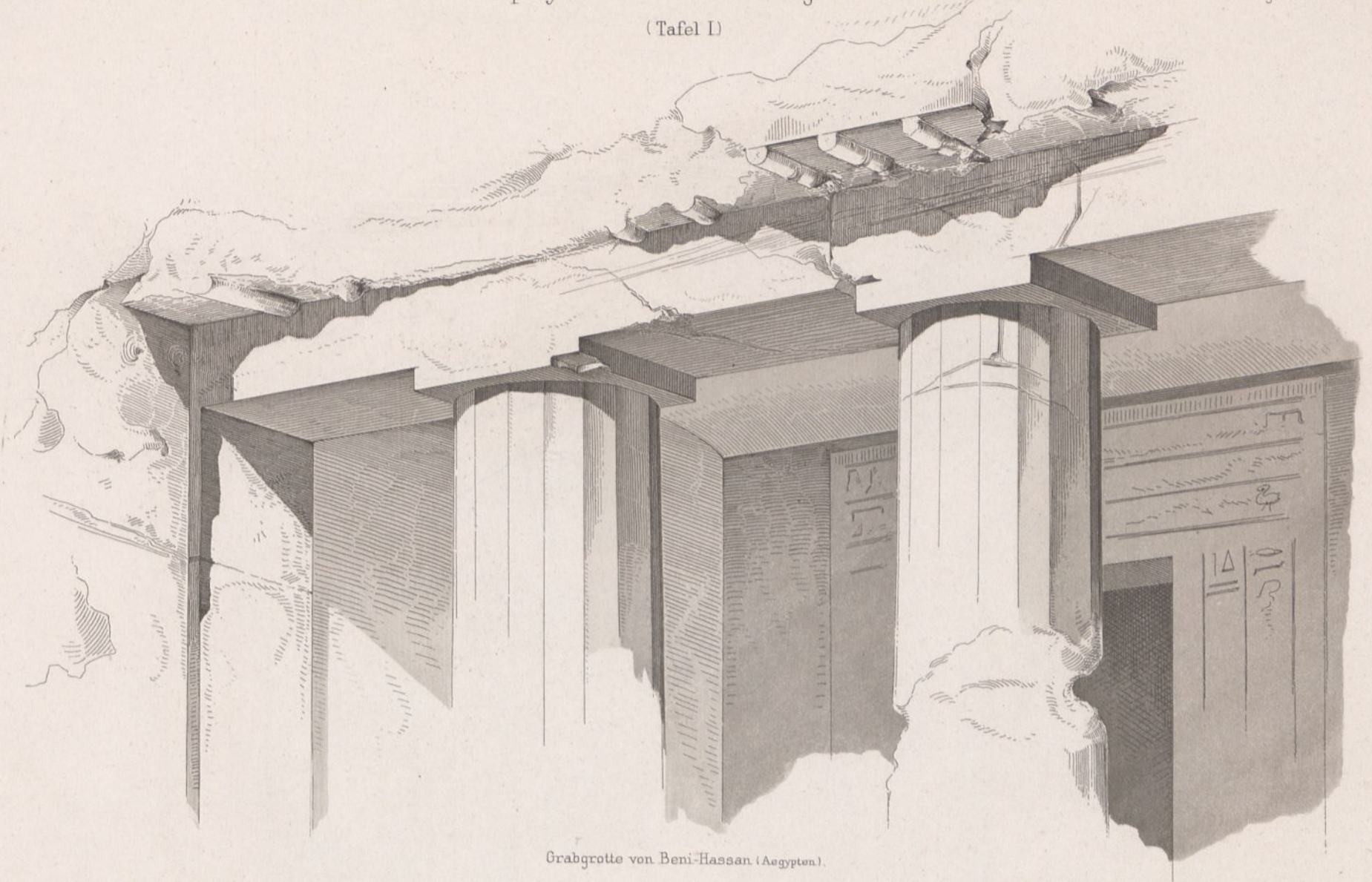


2

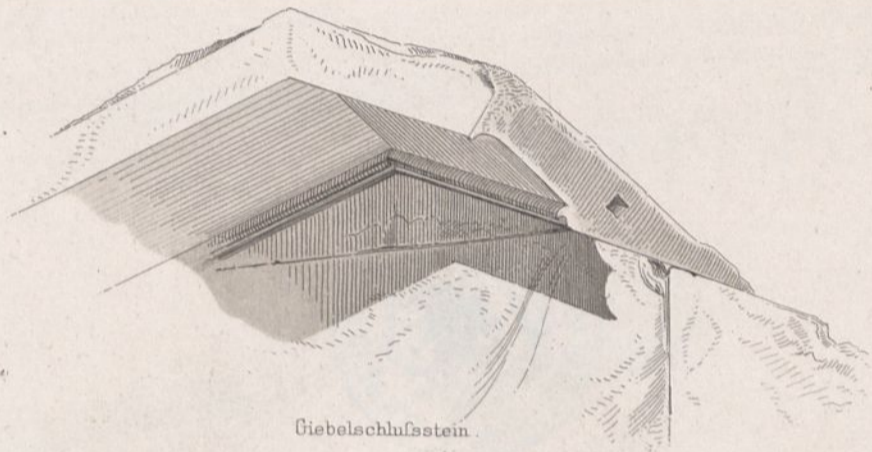


1

(Tafel I)



Grabgrotte von Beni-Hassan (Aegypten).

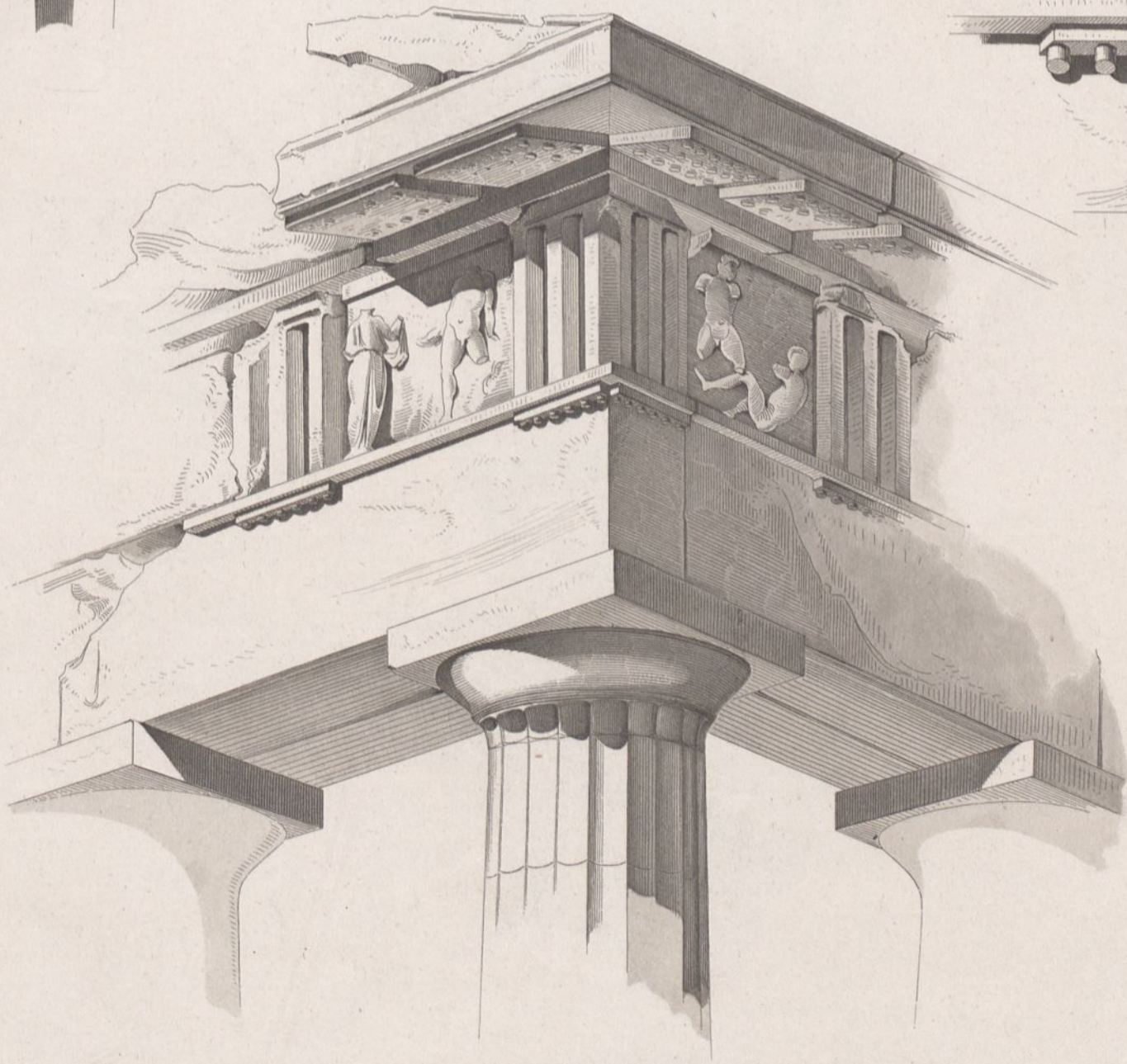
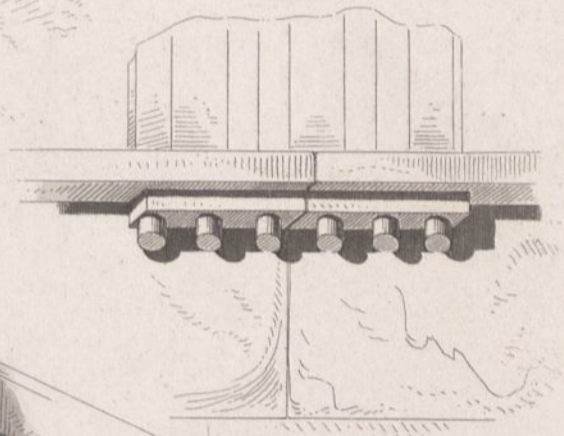


Giebelabschlussstein.

Endigung der Caneluren.



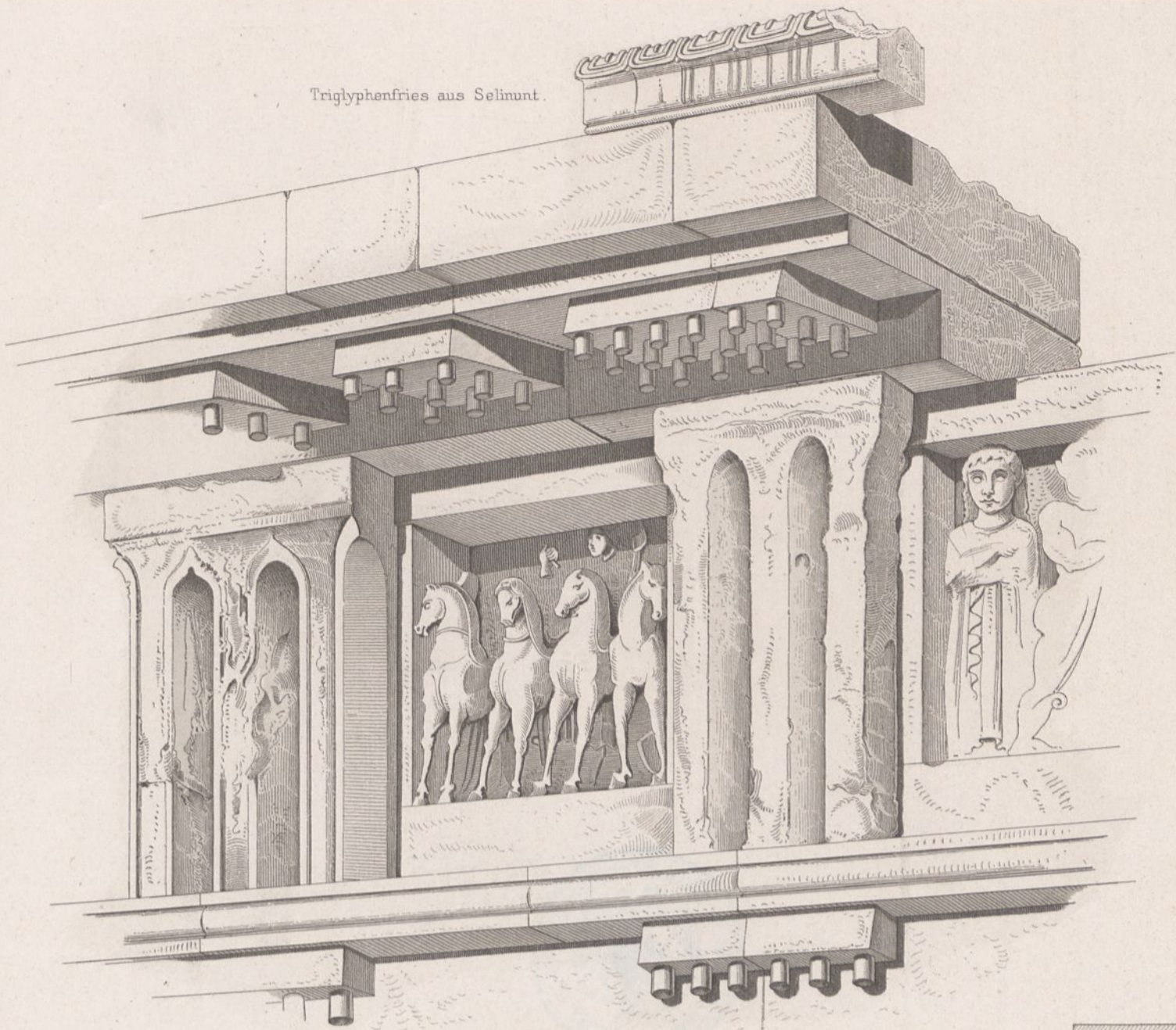
Tropfenregula.



Theseustempel in Athen.. Ostgiebelecke.

(Tafel II)

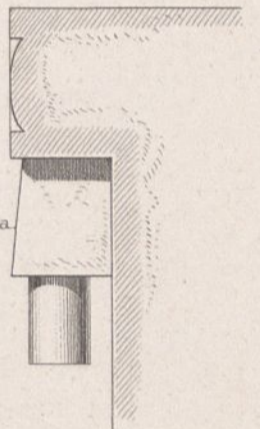
Triglyphenfries aus Selinunt.



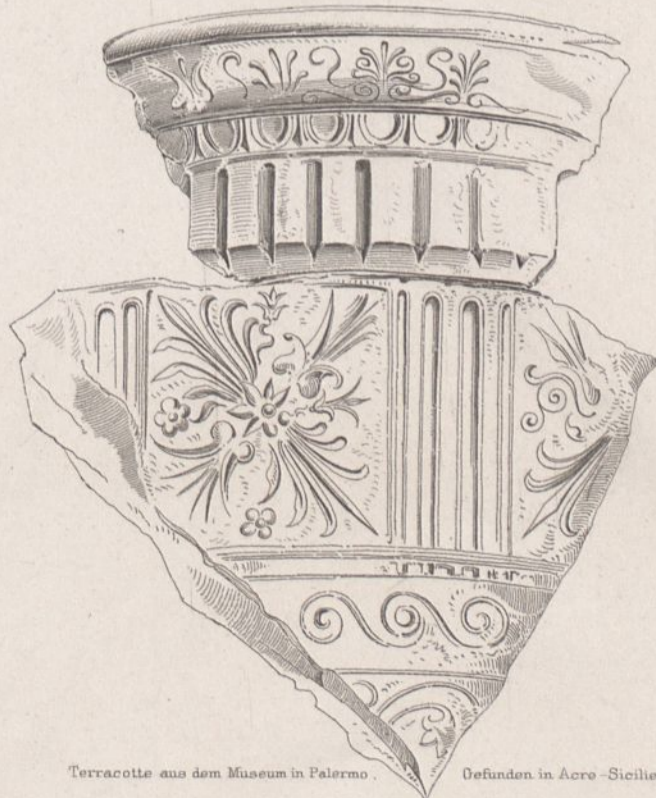
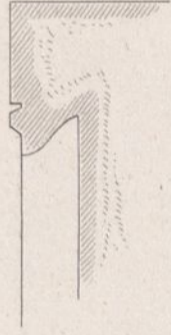
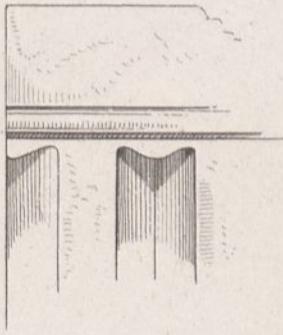
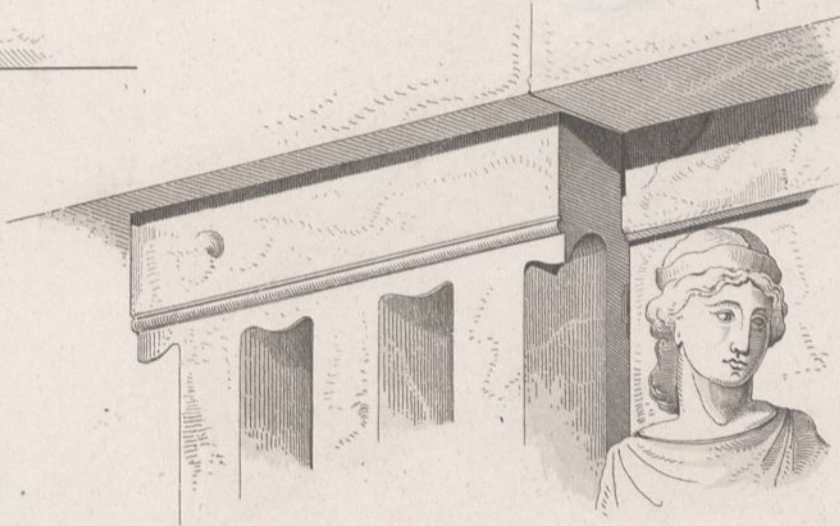
Horizontalschnitt d. d. Trg.



Tropfenregula

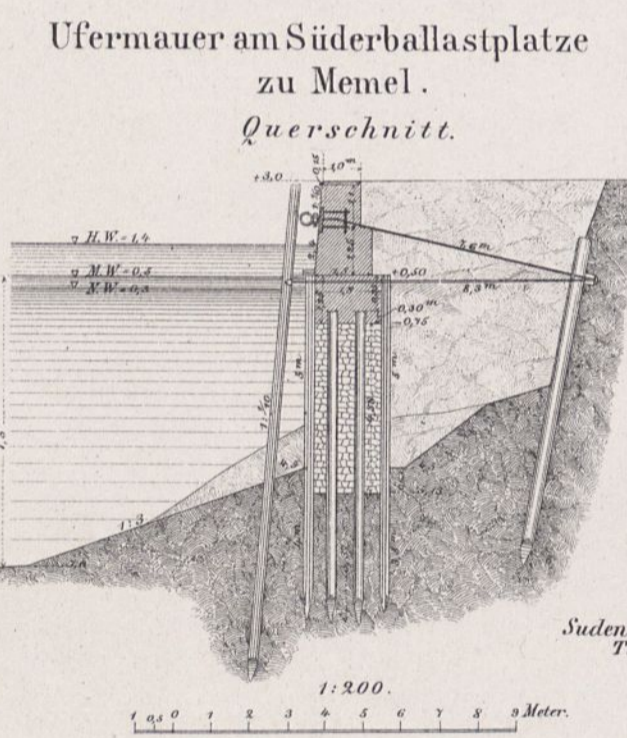
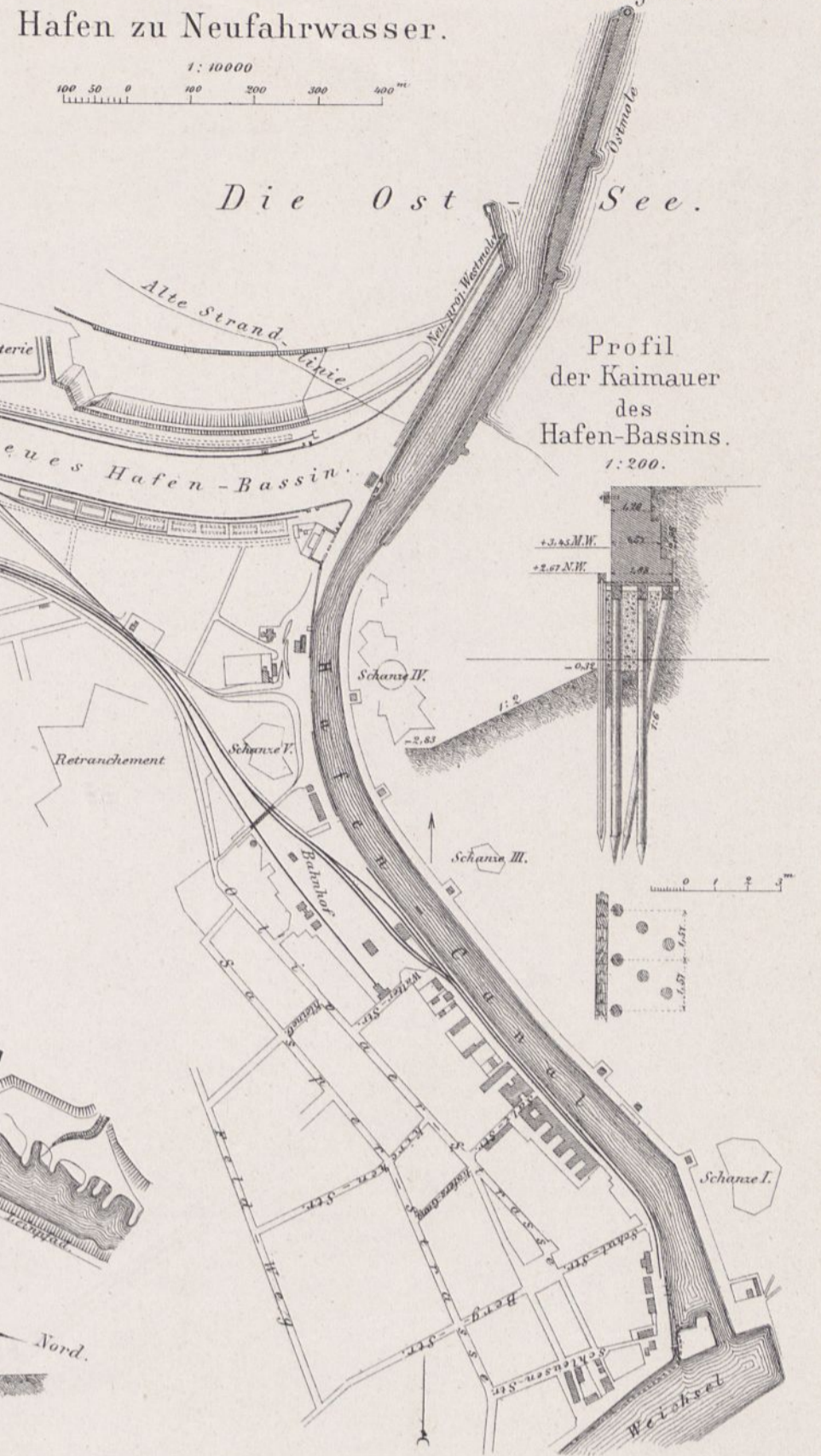
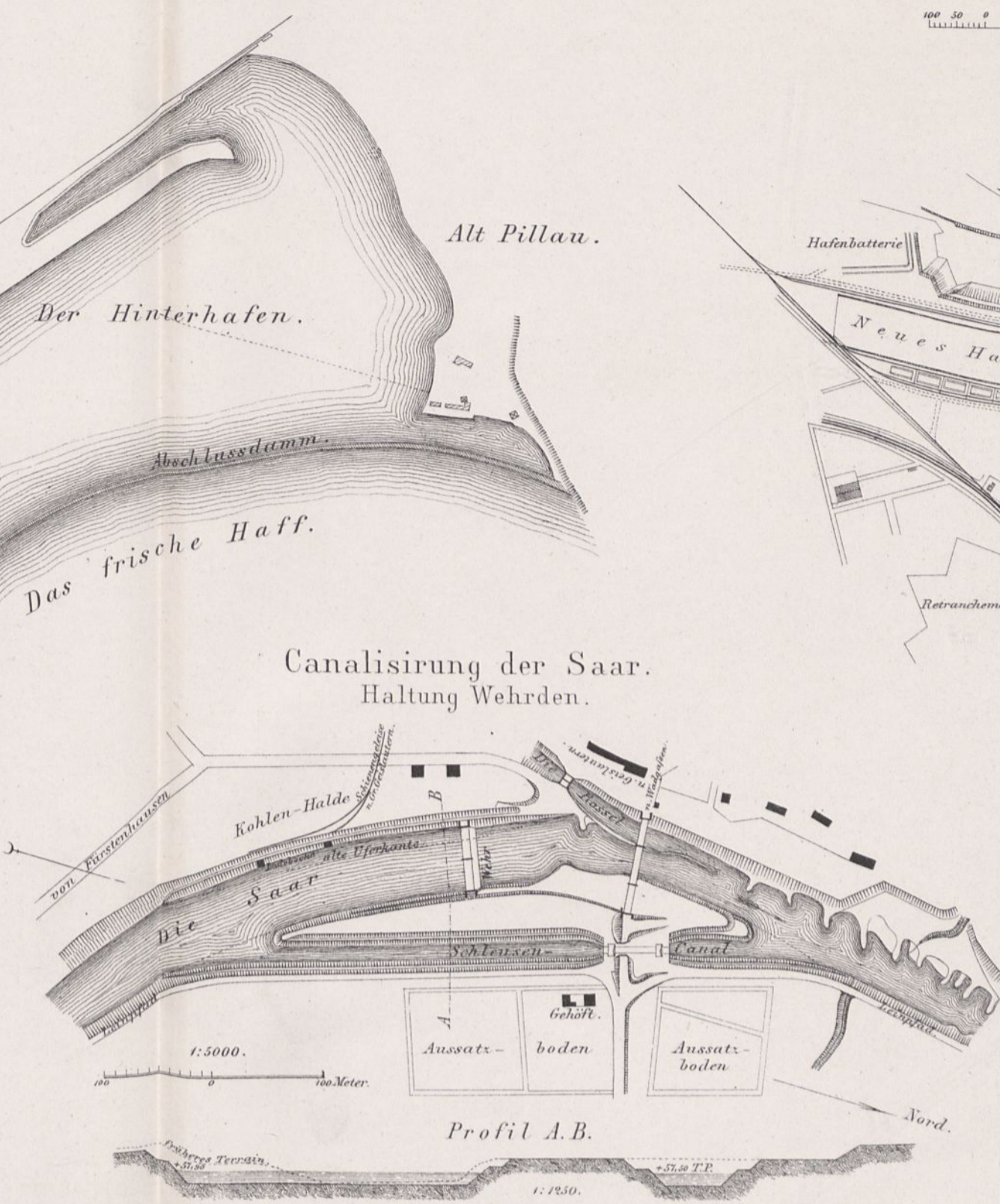
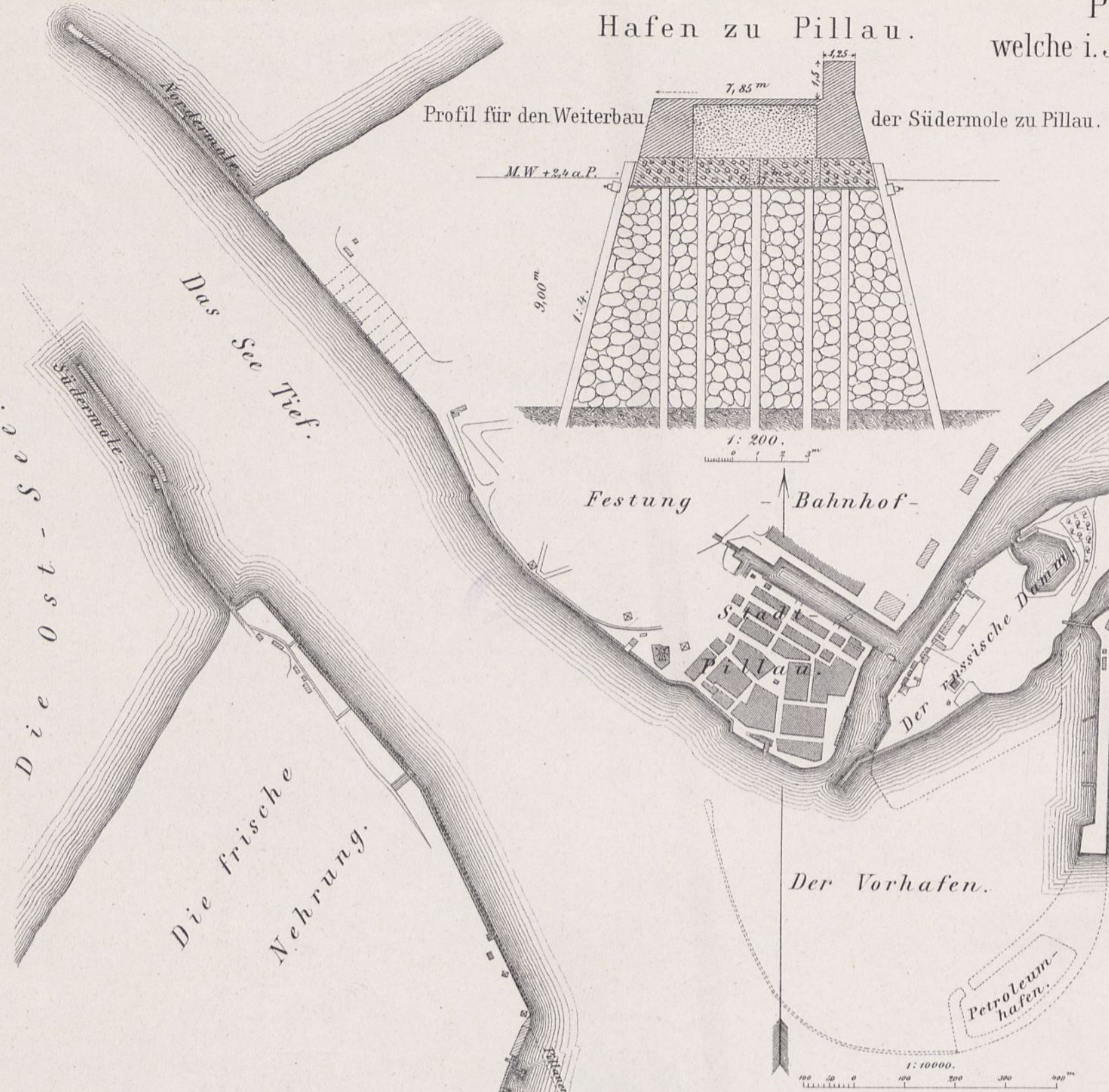


Triglyphenbildung aus Selinunt.



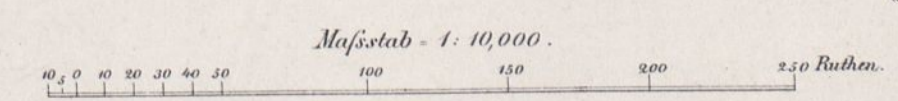
Terracotte aus dem Museum in Palermo. Gefunden in Acro-Sicilien. Nat. Gr.

Dorisches Gesimse.



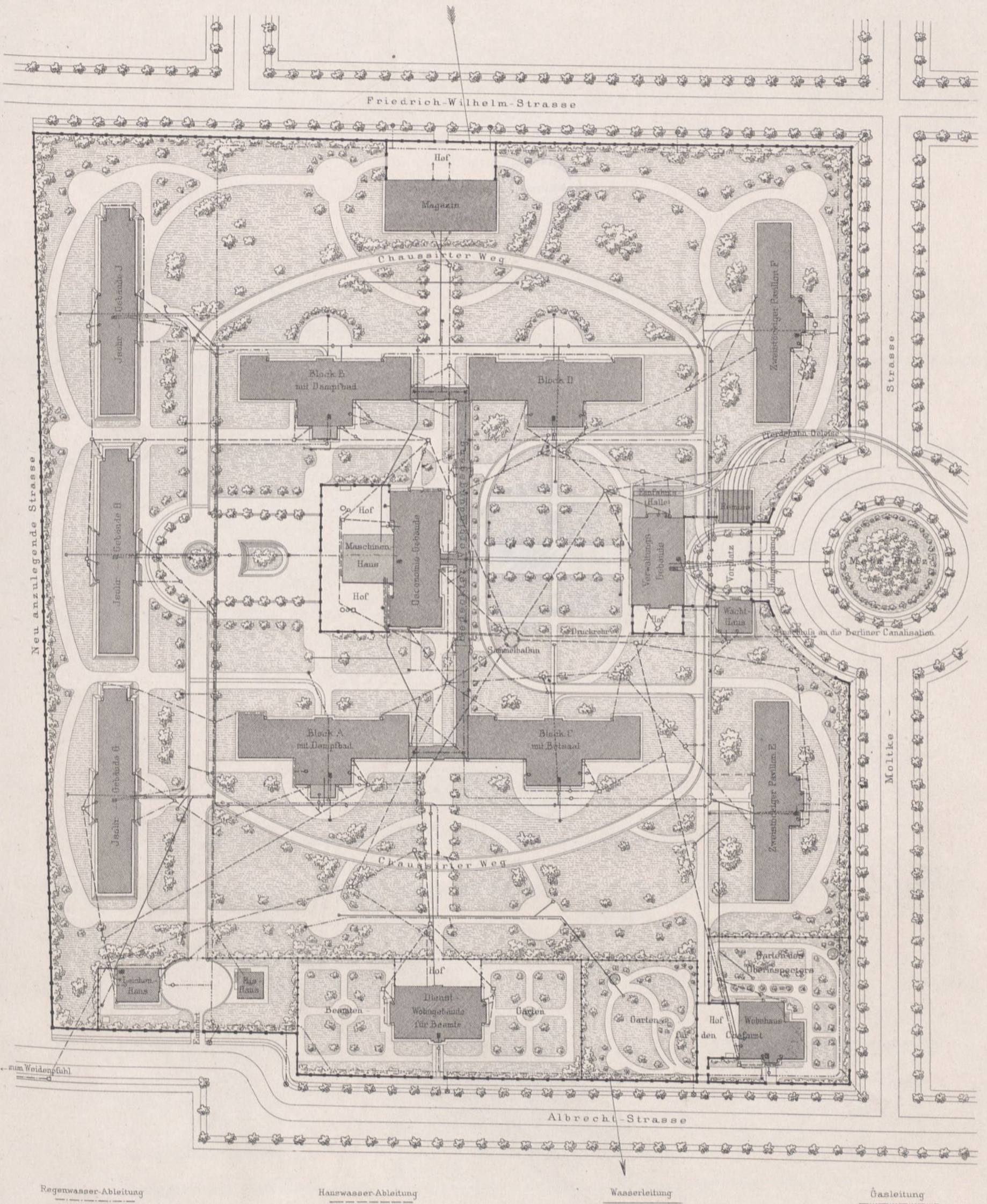
Parallelwerke an dem Friedrich-Wilhelms-Garten u. Stadtmarsch, und an dem grossen Werder bei Magdeburg.

23. Das mit a a bezeichnete Deckwerk an der Neustädter Ablage ist ausgeführt, die mit b b bezeichneten Parallelwerke am Gr. Werder, am Friedrich-Wilhelms-Garten und Stadtmarsch nur begonnen. — Das mit c c bezeichnete Parallelwerk am Peters- u. Jacobs-Förder ist projectirt. —



II. Garnison-Lazareth für Berlin bei Tempelhof.

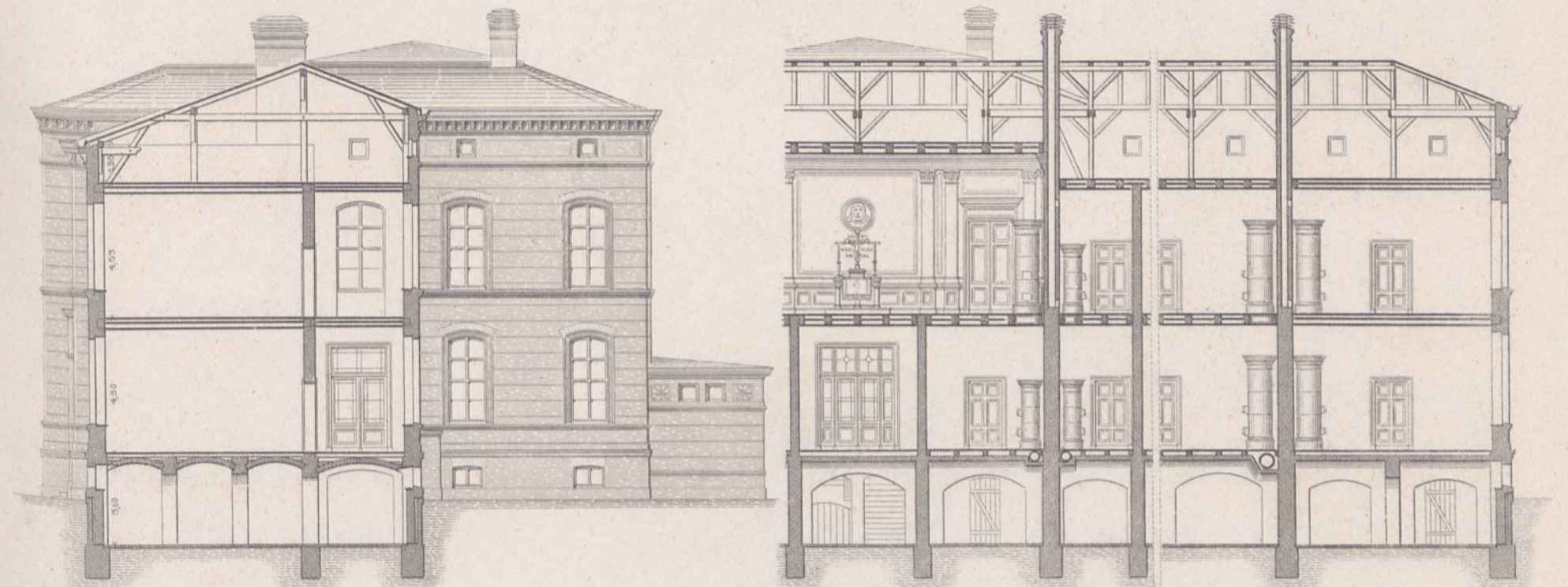
Situationsplan.



Block für 65 Betten.

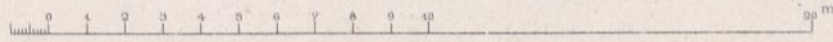


Haupt-Ansicht.

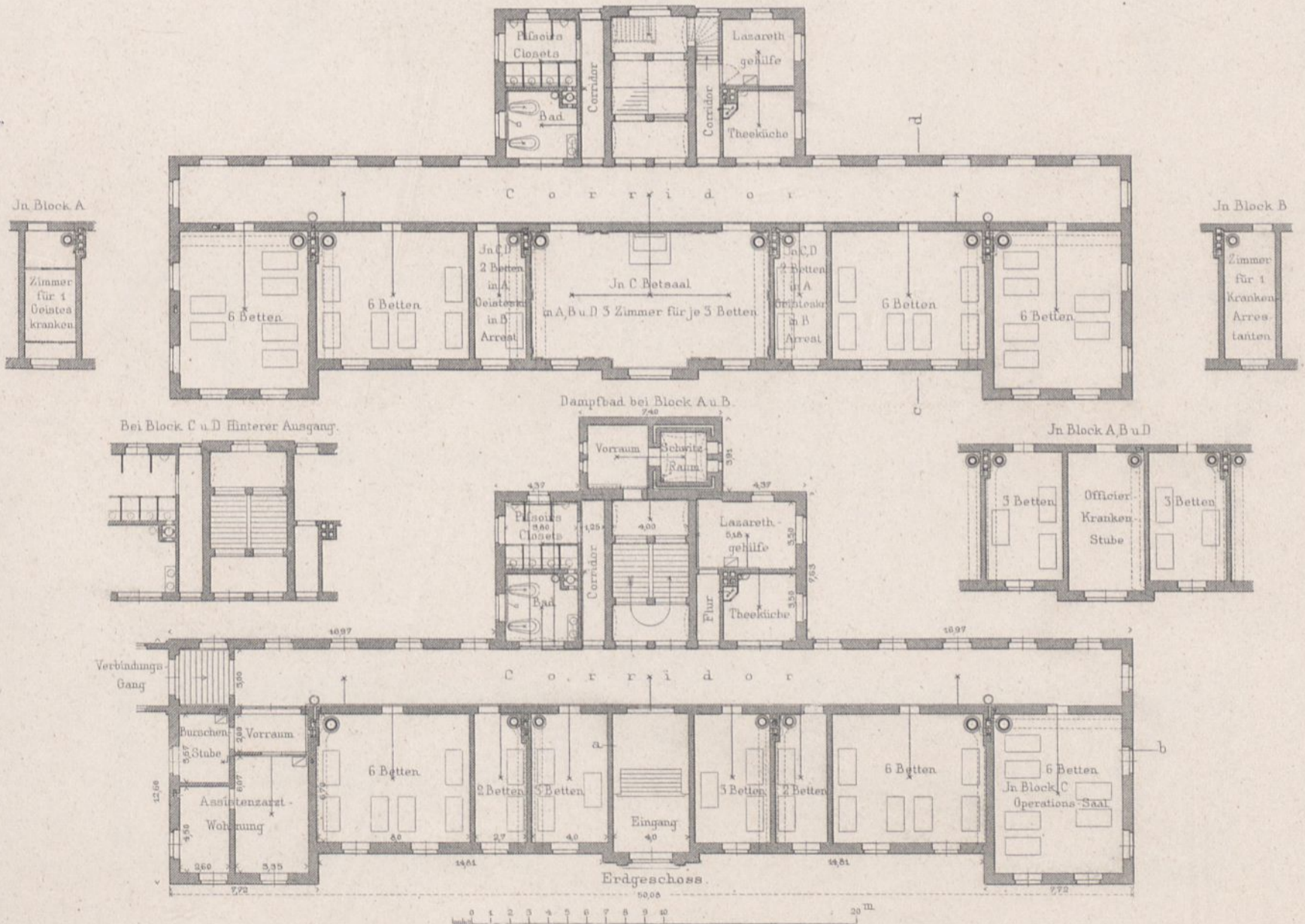


Schnitt c d.

Schnitt a b.

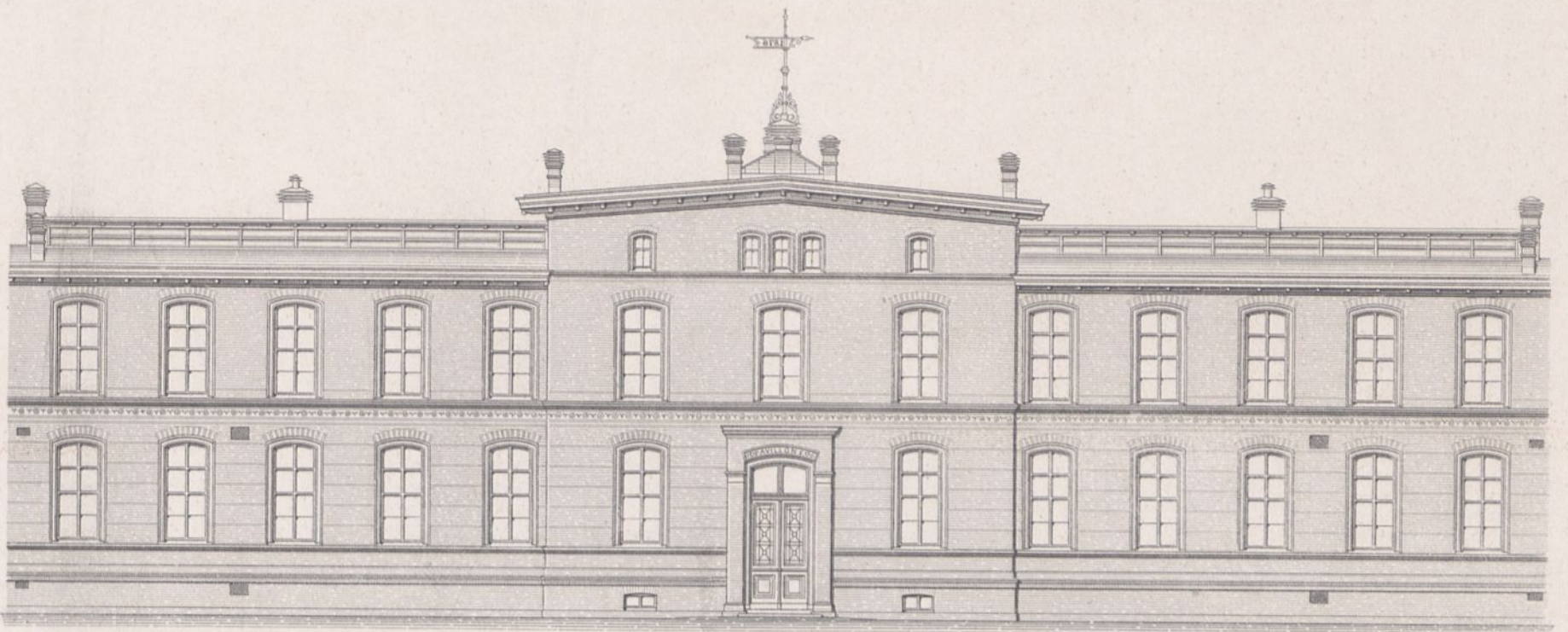


I. Stockwerk.

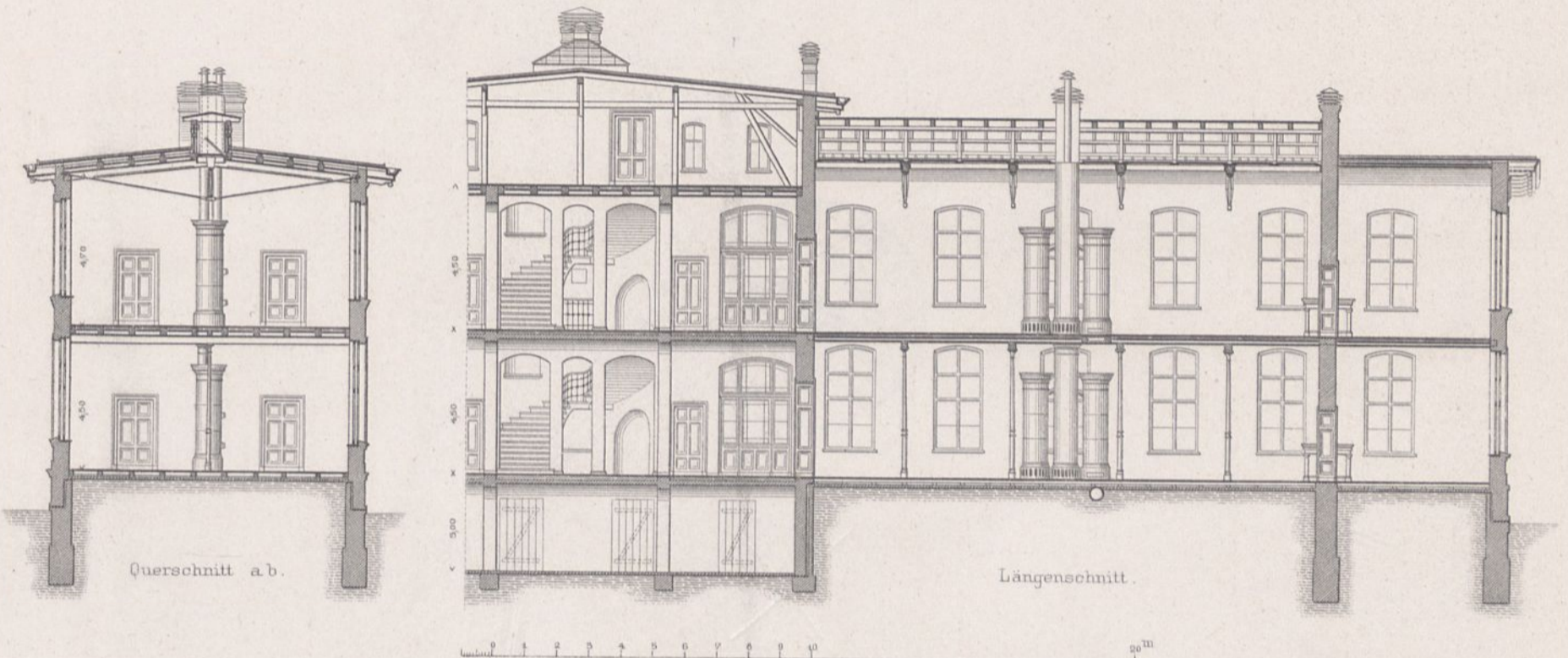


bei Tempelhof.

Pavillon für 74 Betten.

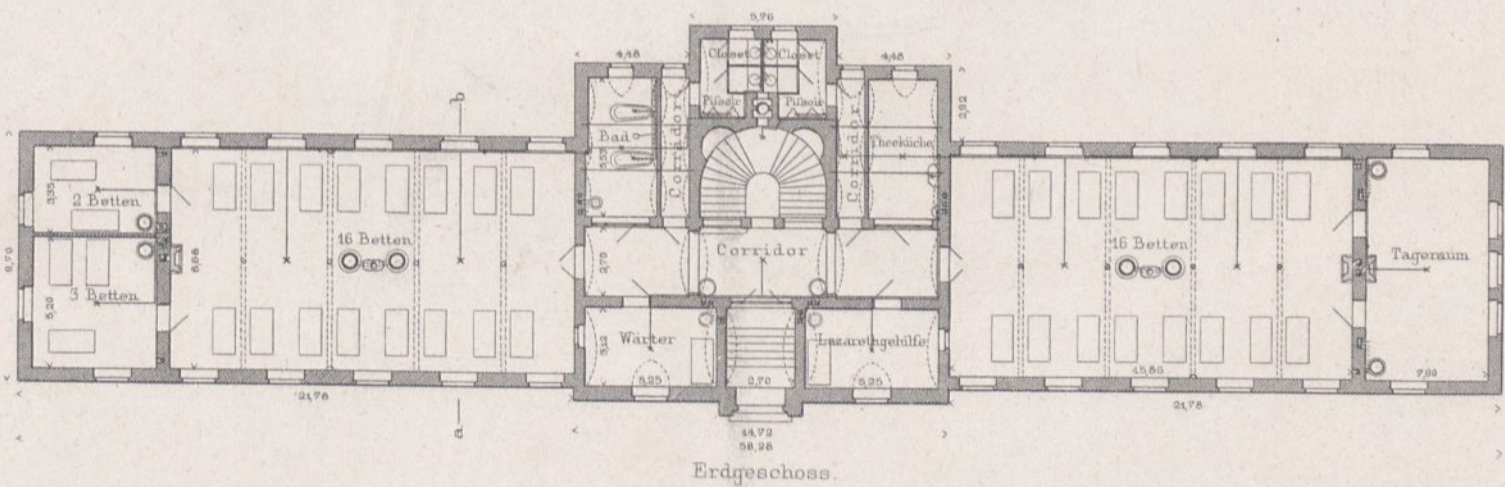


Vorder-Ansicht.

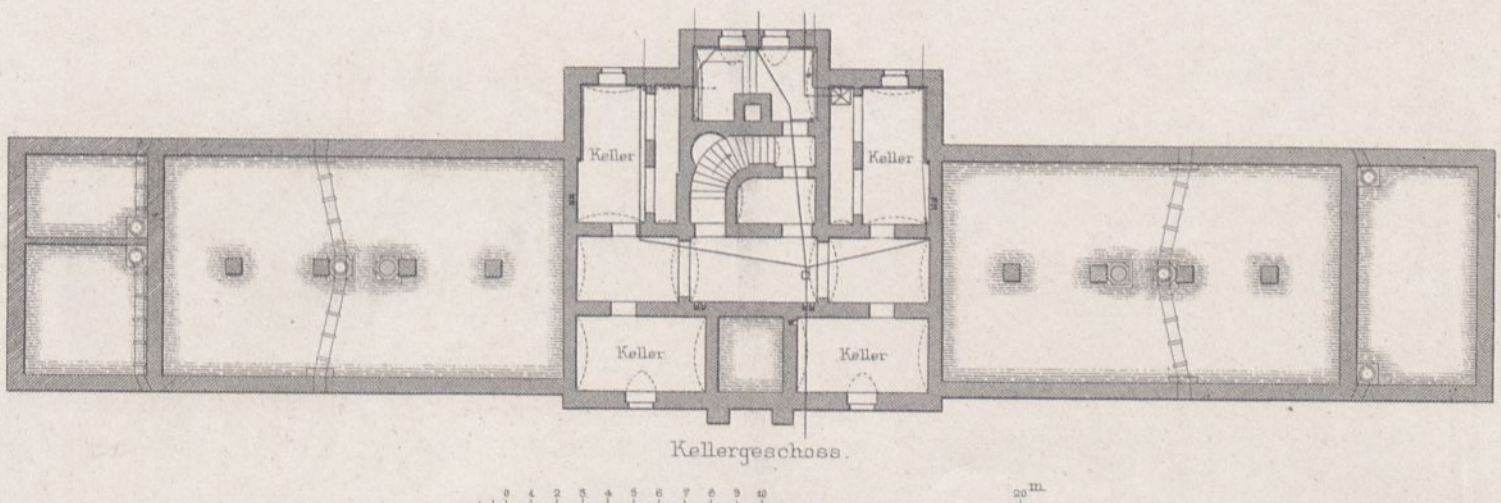


Querschnitt a.b.

Längenschnitt.



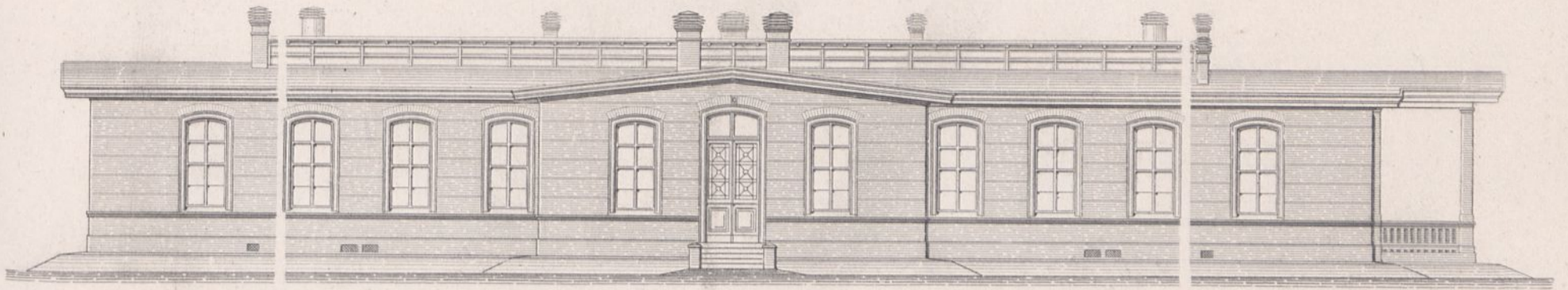
Erdgeschoss.



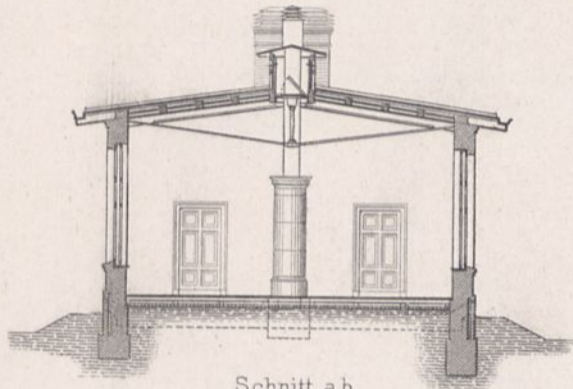
Kellergeschoss.

bei Tempelhof.

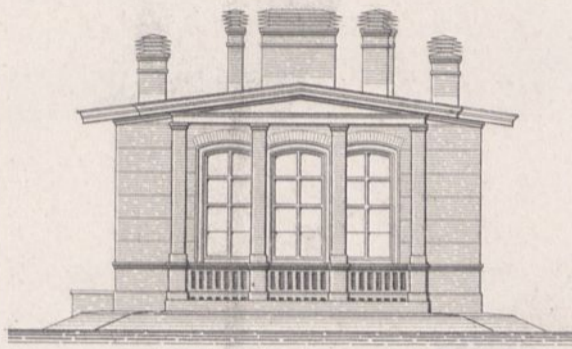
Isolir-Gebäude für 37 Betten.



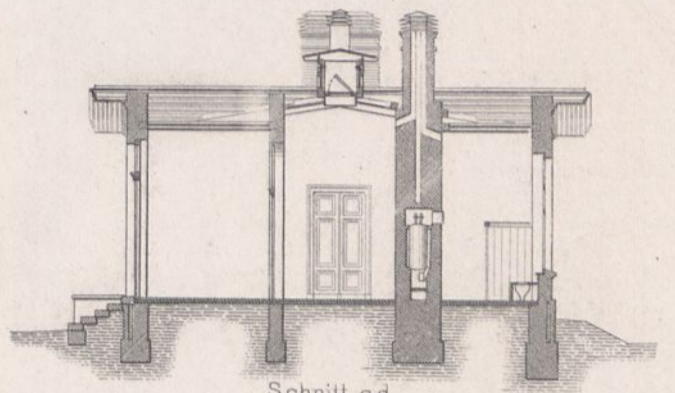
Vorder-Ansicht.



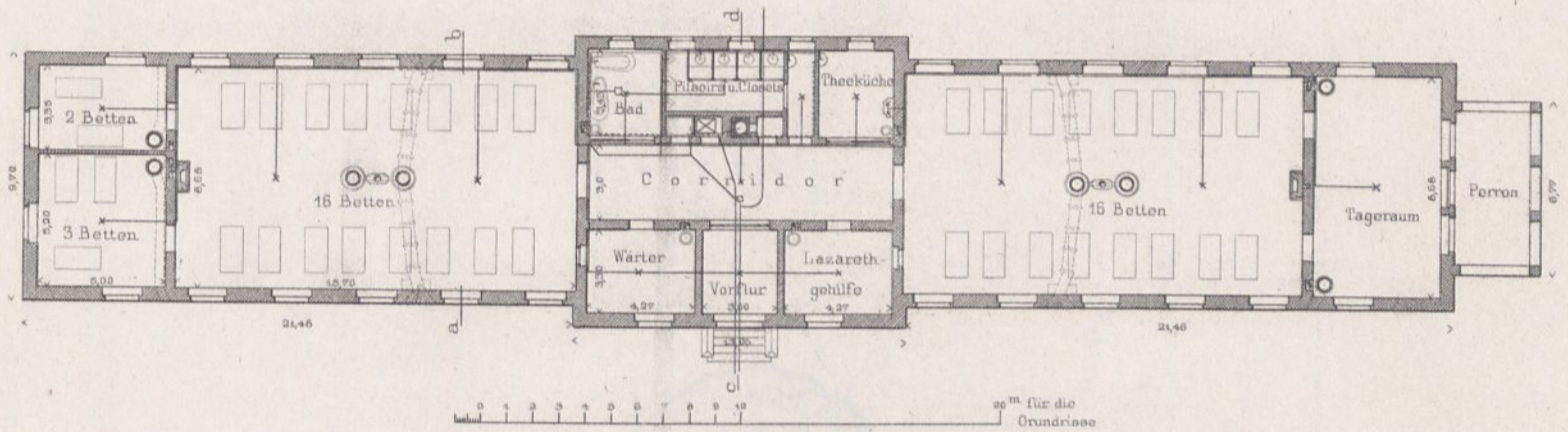
Schnitt a b.



Südliche Giebel-Ansicht.



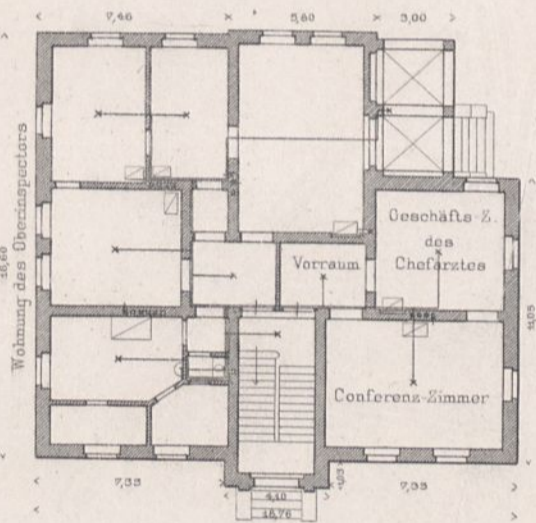
Schnitt c d.



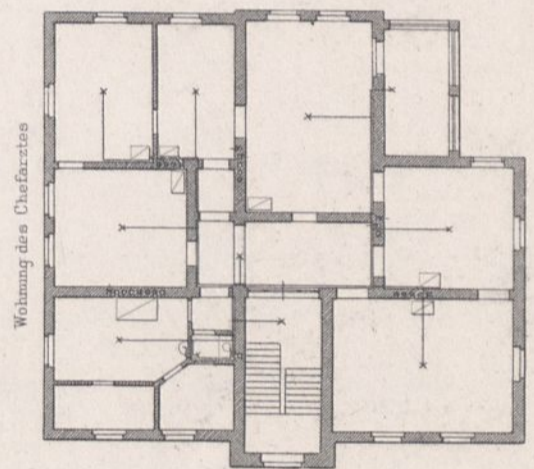
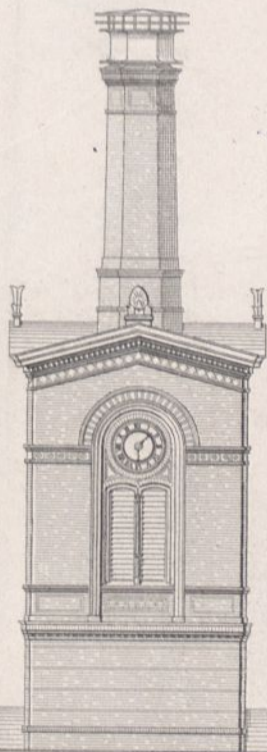
Chefarzt-Wohngebäude.

Oeconomie-Gebäude.

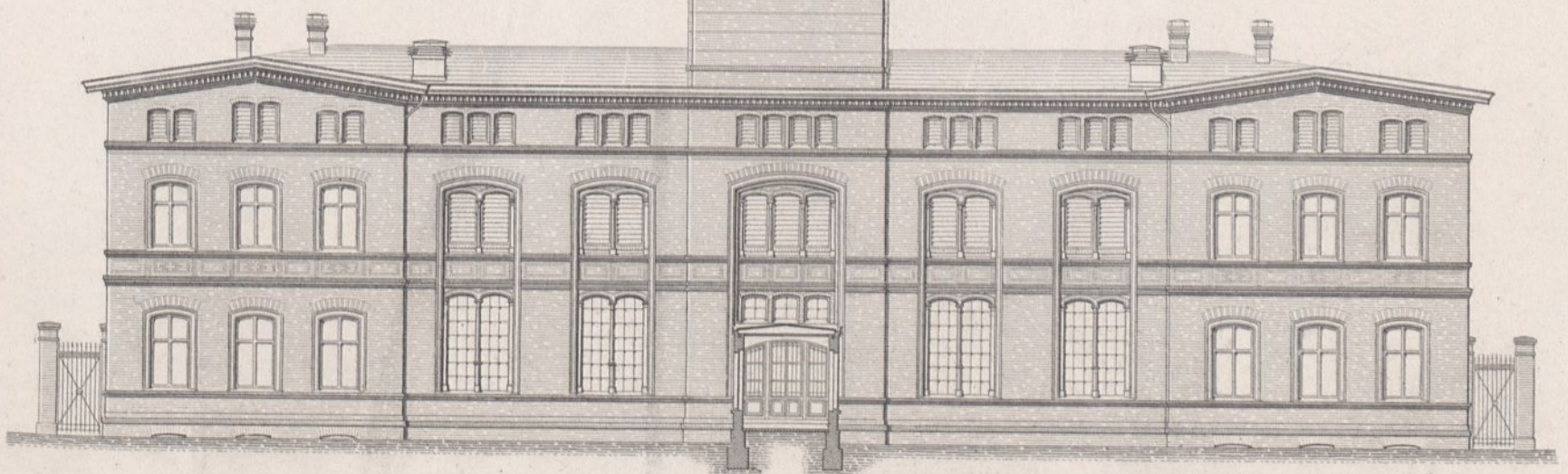
Chefarzt-Wohngebäude.



Erdgeschoss.



Oberes Stockwerk.



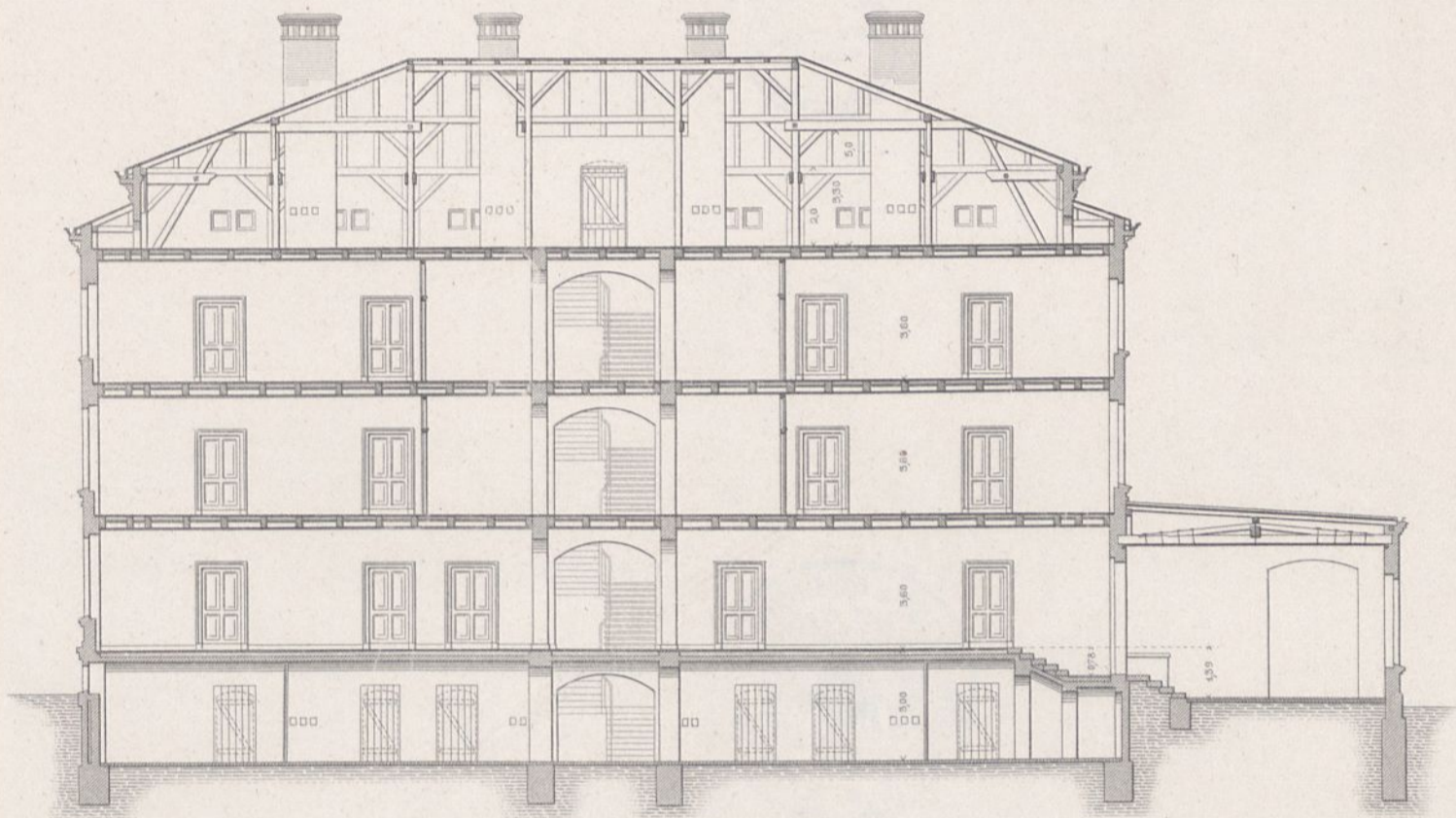
Vorder-Ansicht.

Scale bar for the elevations and sections, indicating 20 meters.

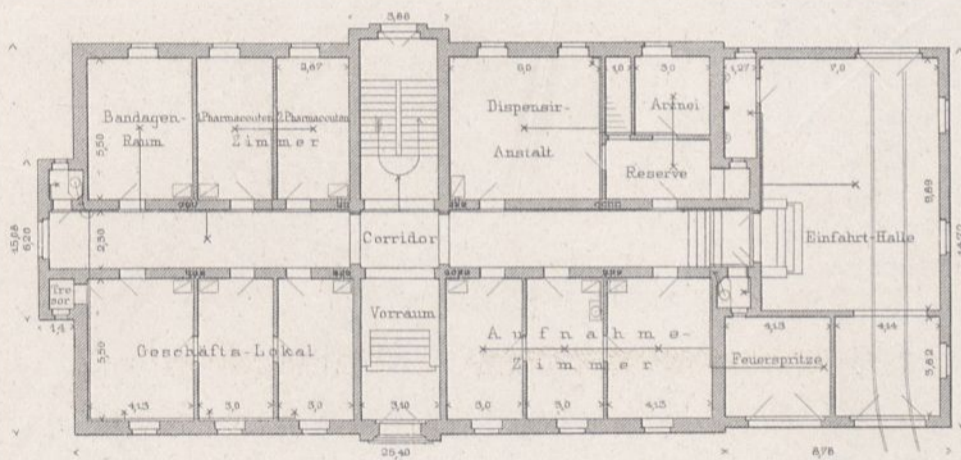
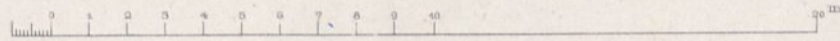
Verwaltungsgebäude und Dienstwohnhaus.



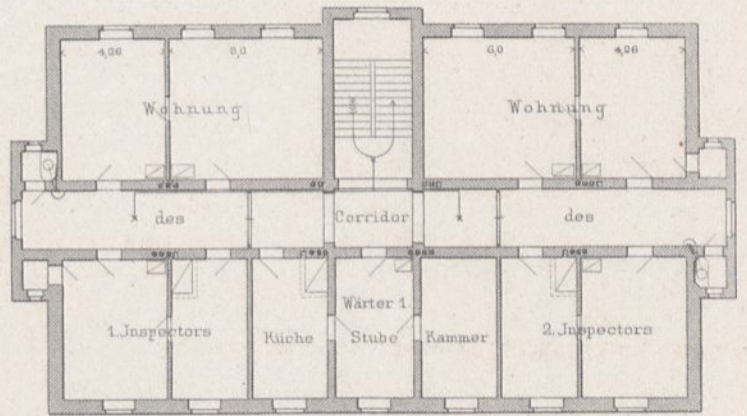
Vorder-Ansicht.



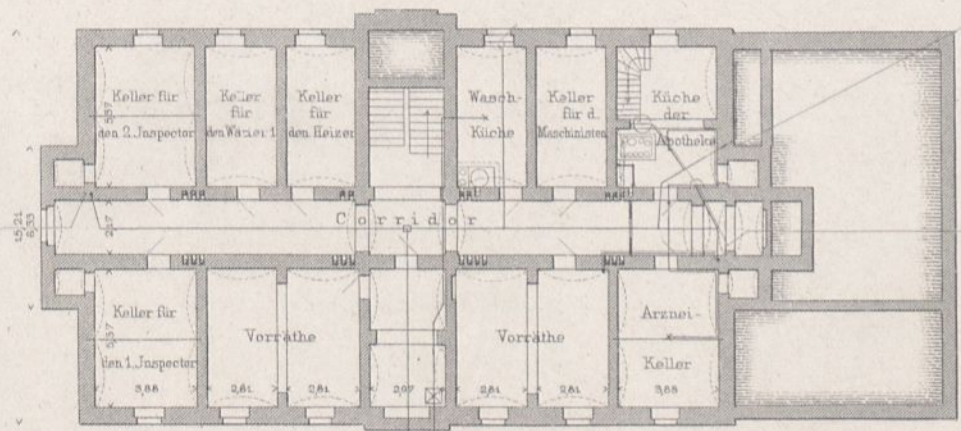
Längenschnitt.



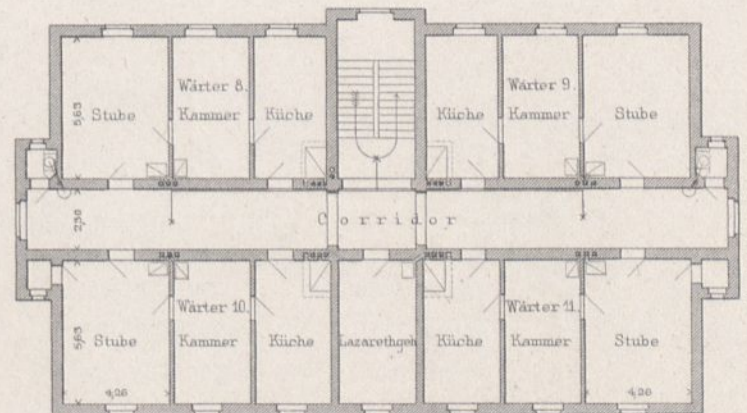
Erdgeschoss des Verwaltungsgebäudes.



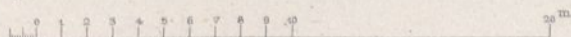
Erstes Stockwerk des Verwaltungsgebäudes.

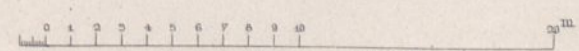
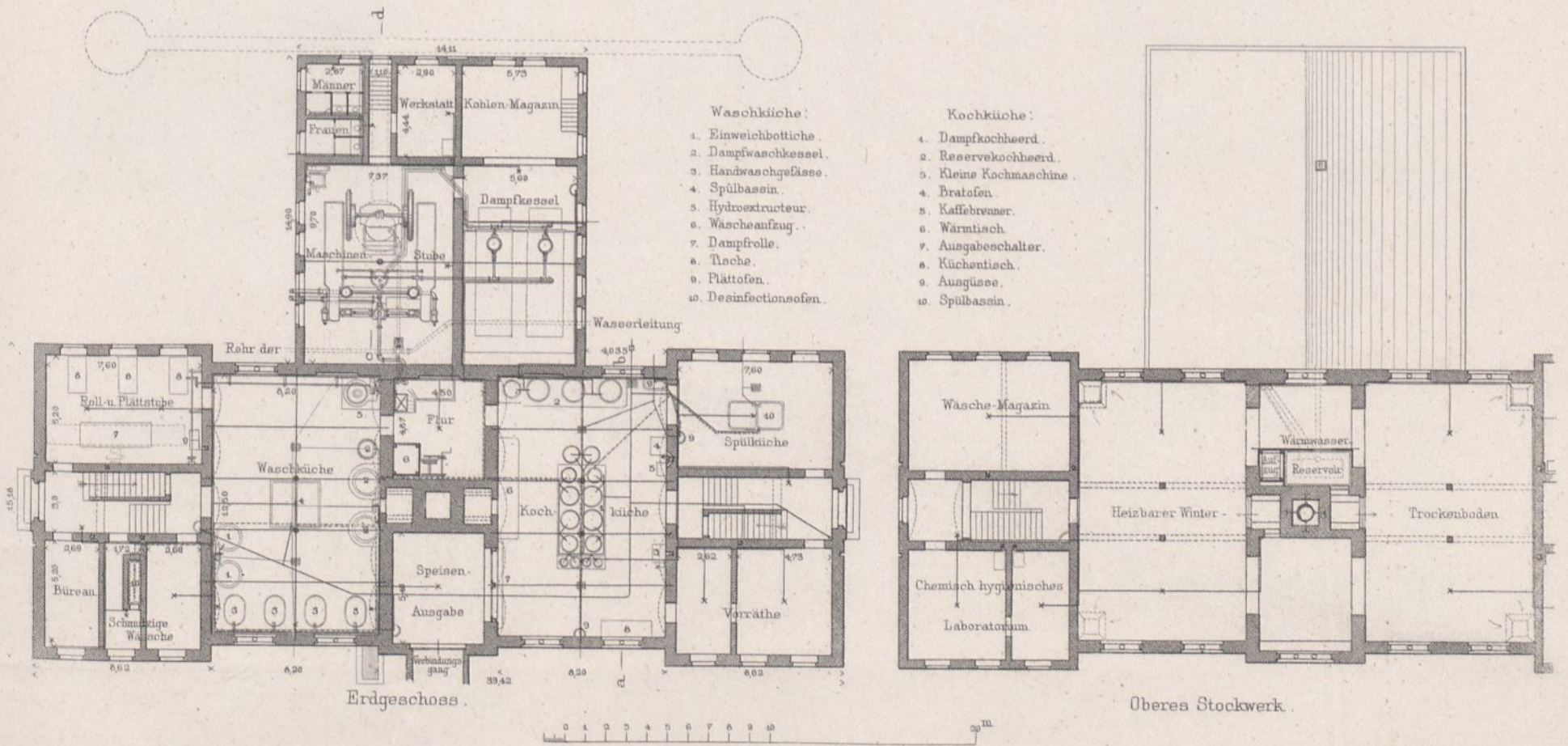
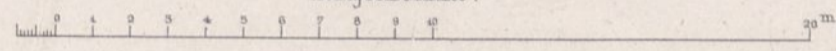
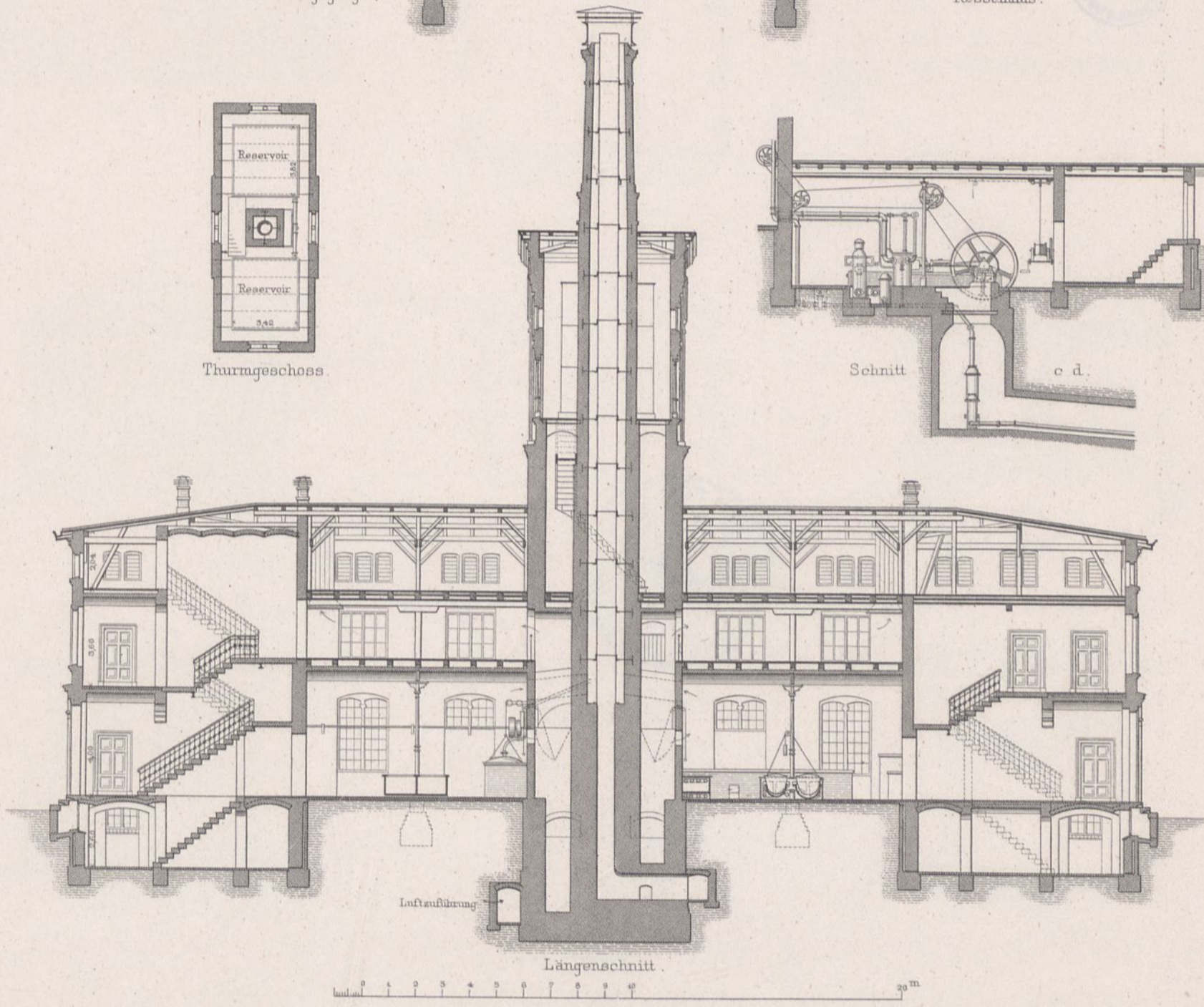
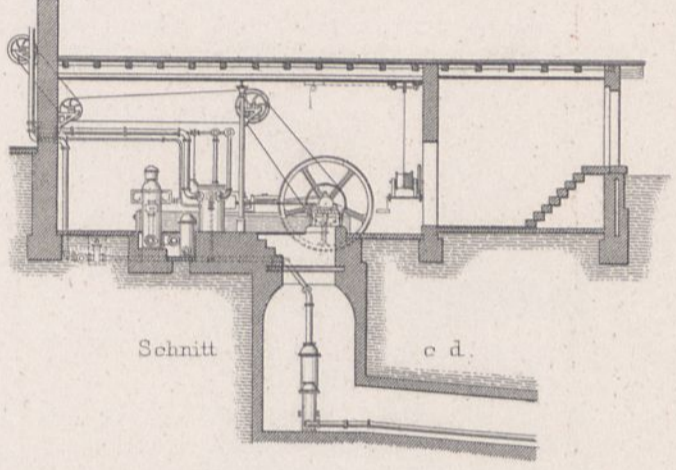
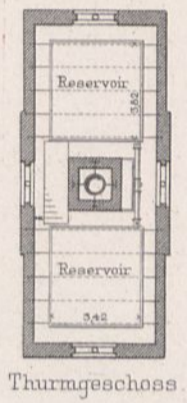
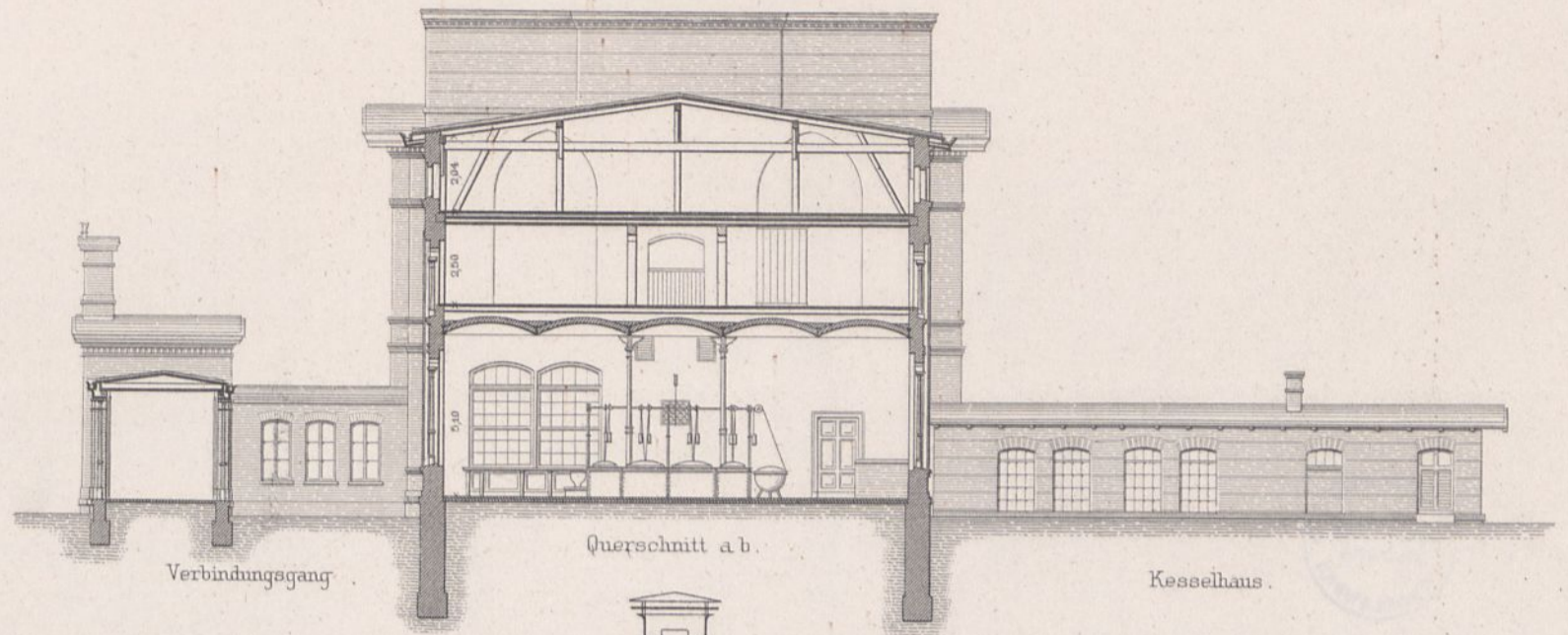


Kellergeschoss des Verwaltungsgebäudes.

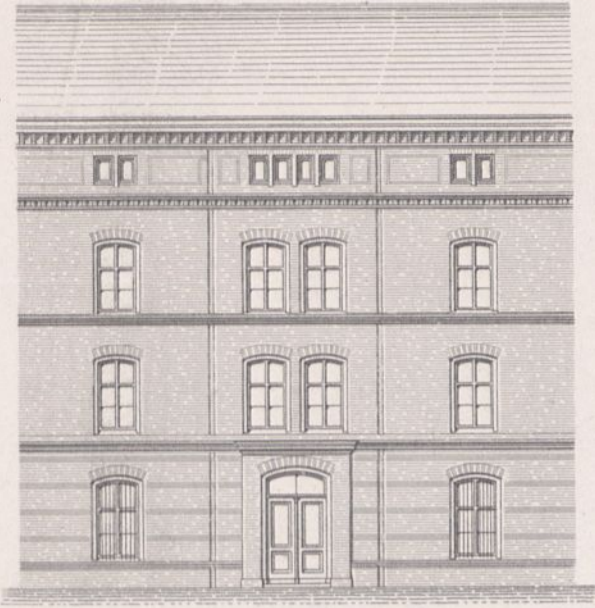


Zweites Stockwerk des Dienstwohnhauses.

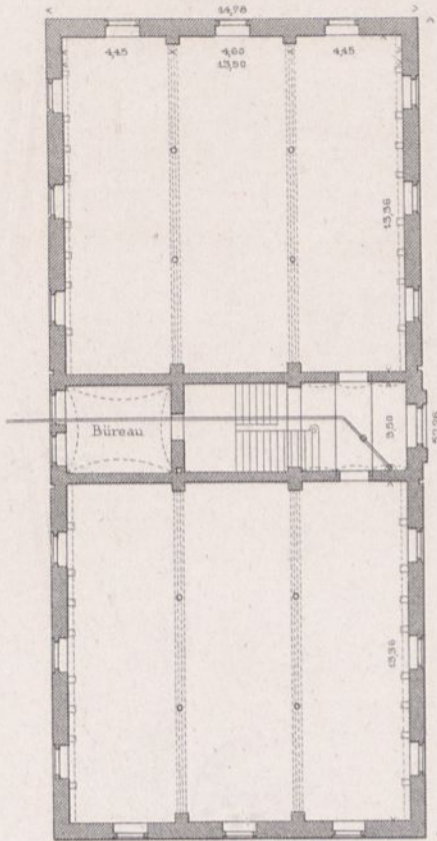




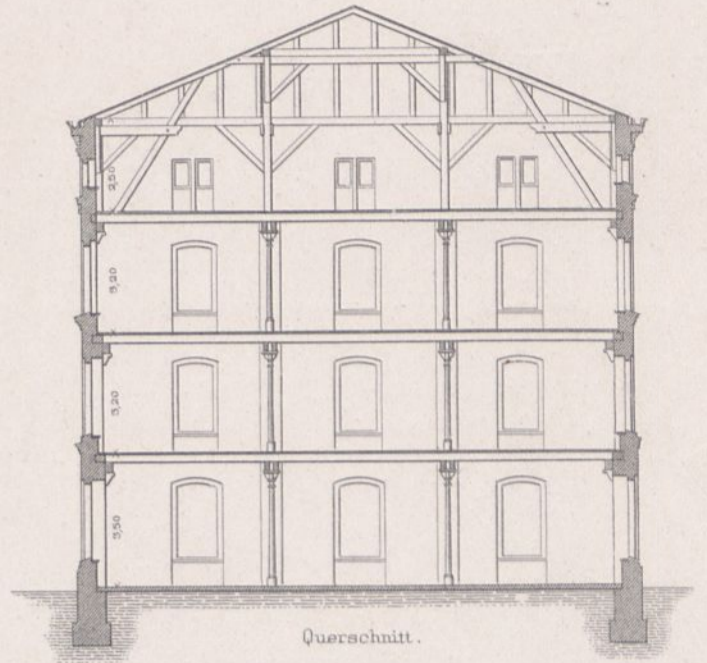
Magazin.



Vorder-Ansicht.

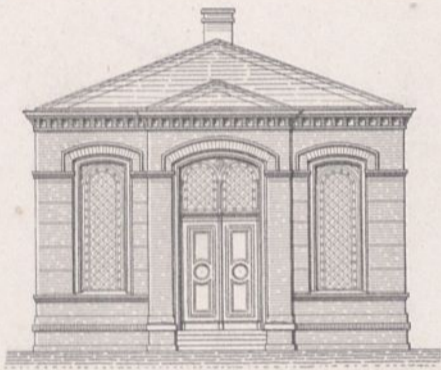


Grundriss des Erdgeschosses.

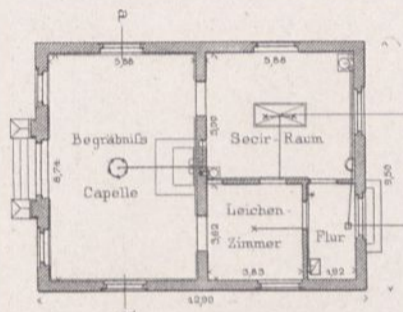


Querschnitt.

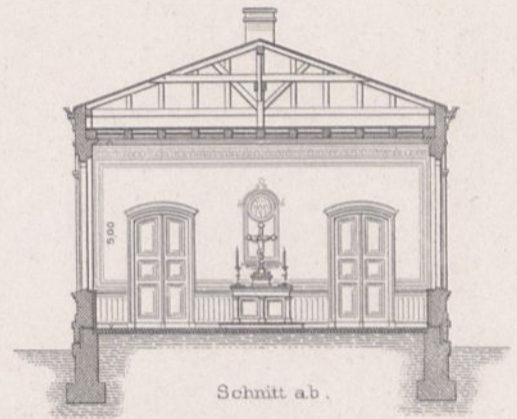
Leichenhaus.



Vorder-Ansicht.

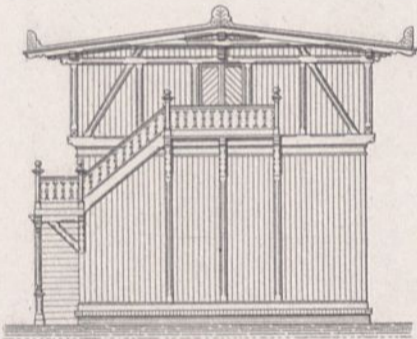


Grundriss.

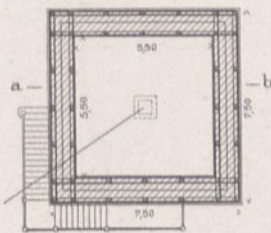


Schnitt ab.

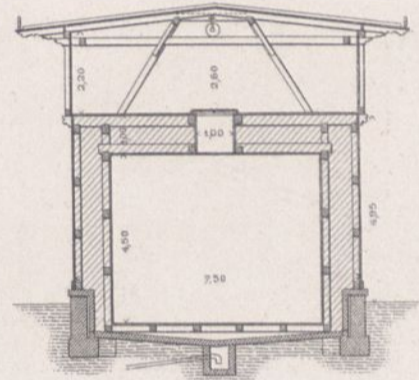
Eishaus.



Vorder-Ansicht.

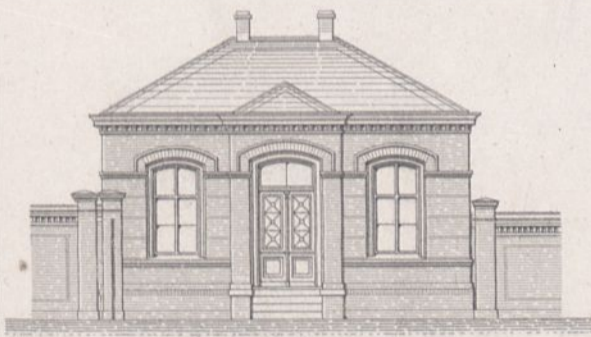


Grundriss.

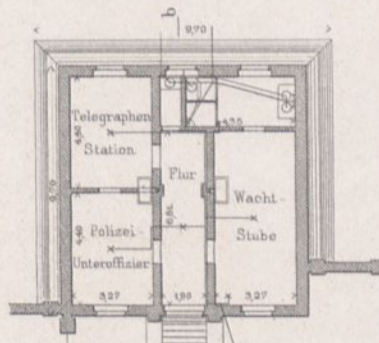


Schnitt ab.

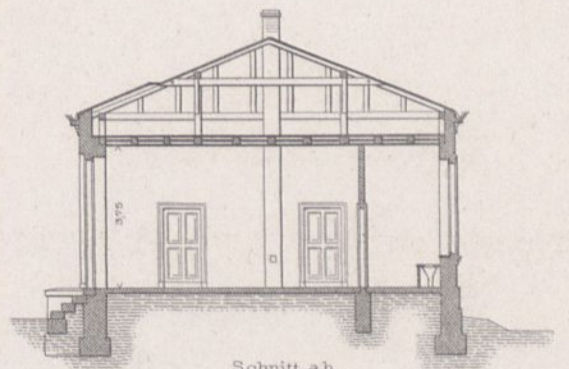
Wachthaus.



Vorder-Ansicht.

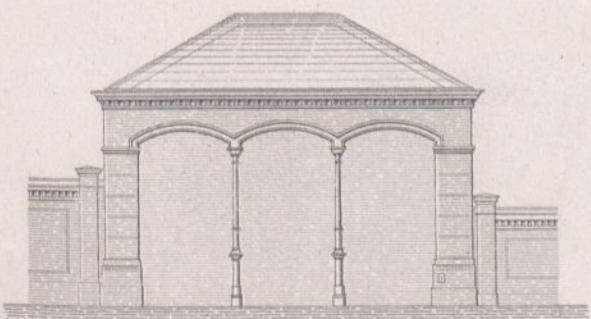


Grundriss.

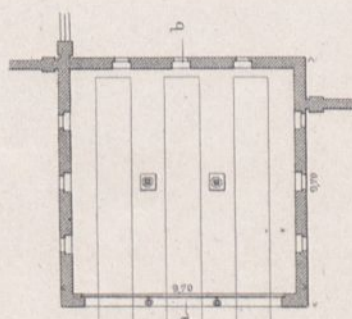


Schnitt ab.

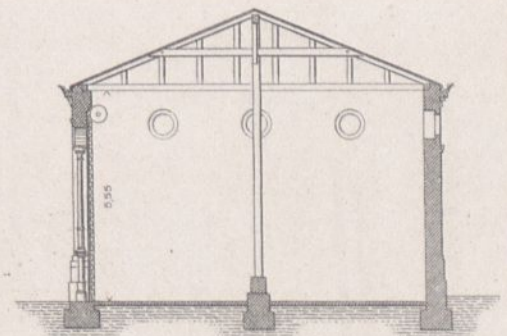
Remise für Pferdebahnwagen.



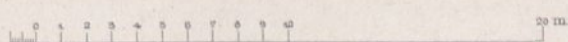
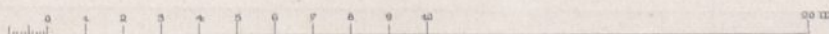
Vorder-Ansicht.



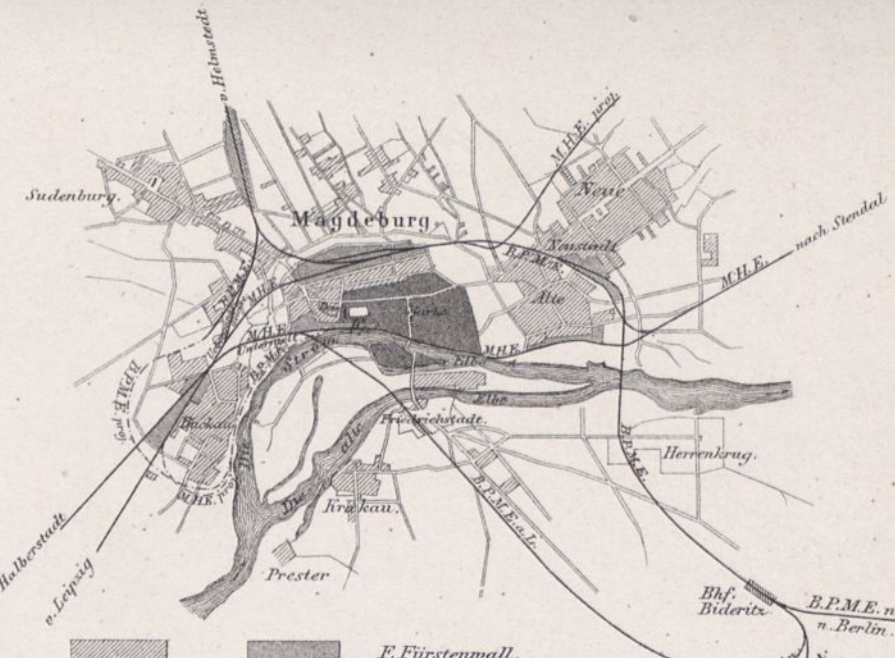
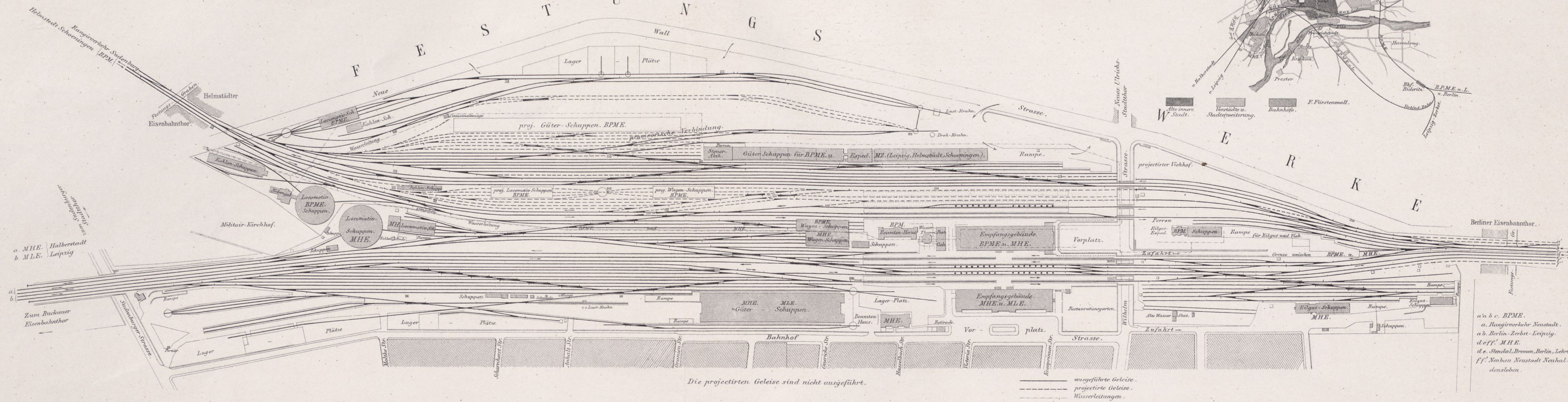
Grundriss.



Schnitt ab.



Ernst & Korn, Berlin.

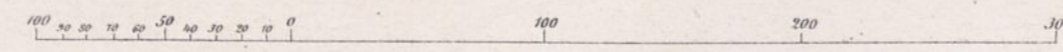


a a b c. BPME.
 a. Rangirverkehr Neustadt.
 a b. Berlin-Zerbst-Leipzig.
 d e f. MHE.
 d e. Stendal, Bremen, Berlin, Lehrte.
 f f. Neubau Neustadt Neuhaldensleben.

Die projectirten Geleise sind nicht ausgeführt.

— ausgeführte Geleise.
 - - - projectirte Geleise.
 --- Wasserleitungen.

Maafstab 1:3000.



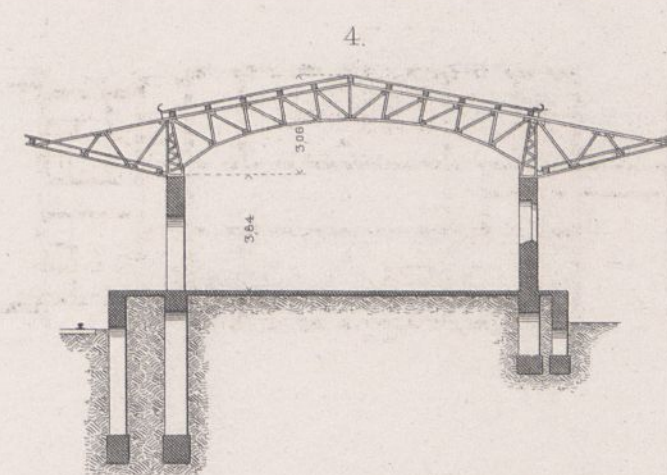
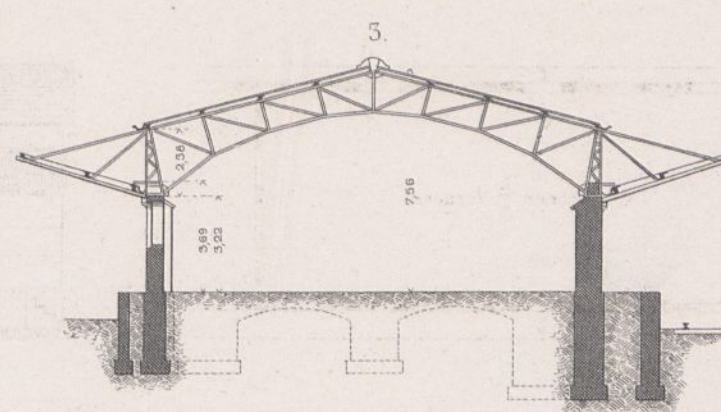
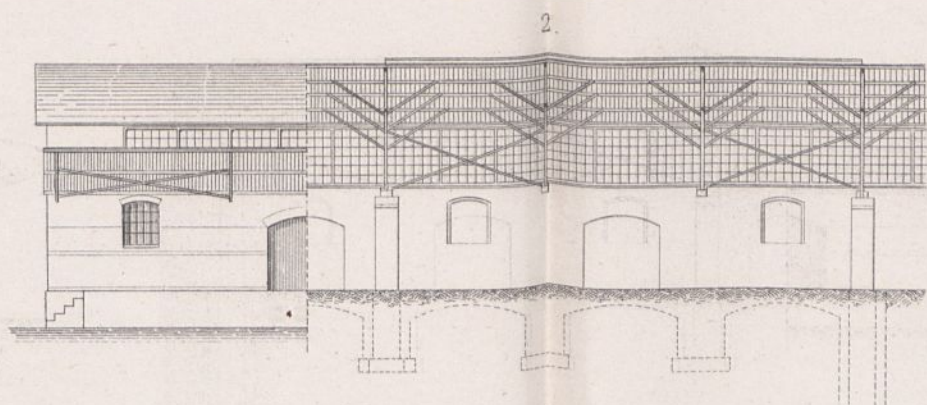
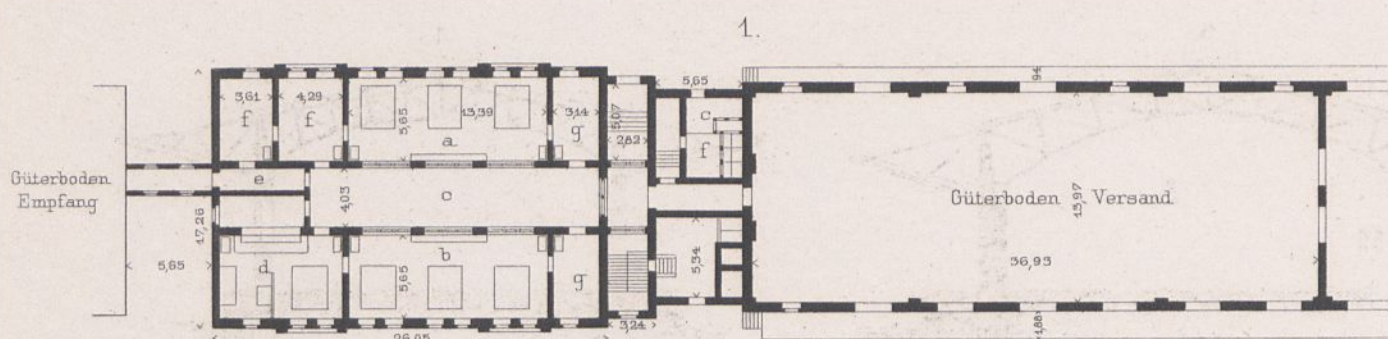


Fig. 1-3 Güterschuppen der Berlin-Potsdam-Magdeburger Eisenbahn.

- a. Versand-Exp.
- b. Empfang-Exp.
- c. Publikum
- d. Casse
- e. Durchgang
- f. Bureau
- g. Bote

Detail d. Ventil.-Vorrichtung.

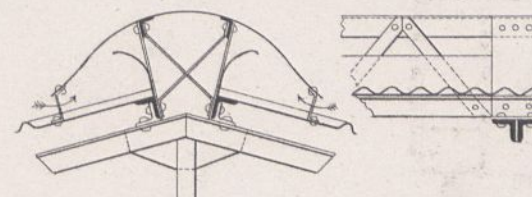


Fig. 4 u. 5. Eilgüterschuppen d. B.-P.-M. E.

- a. Exped.
- b. Publikum
- c. Casse
- d. Vorsteher
- e. Bote

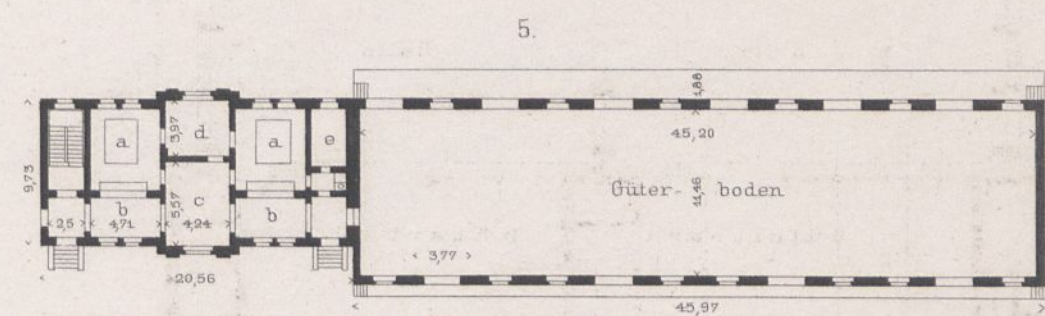
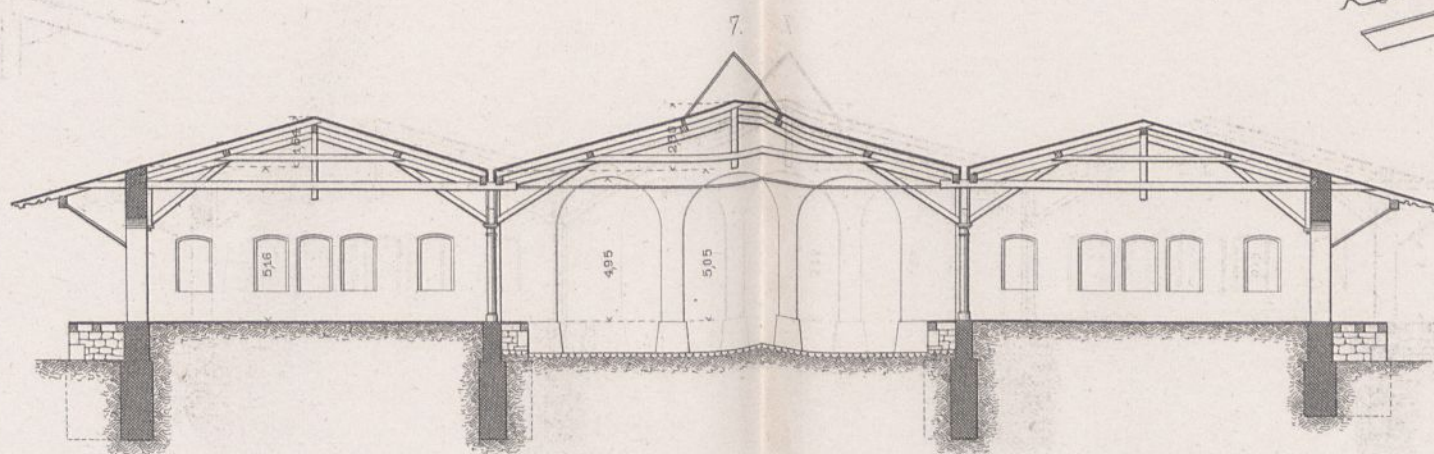
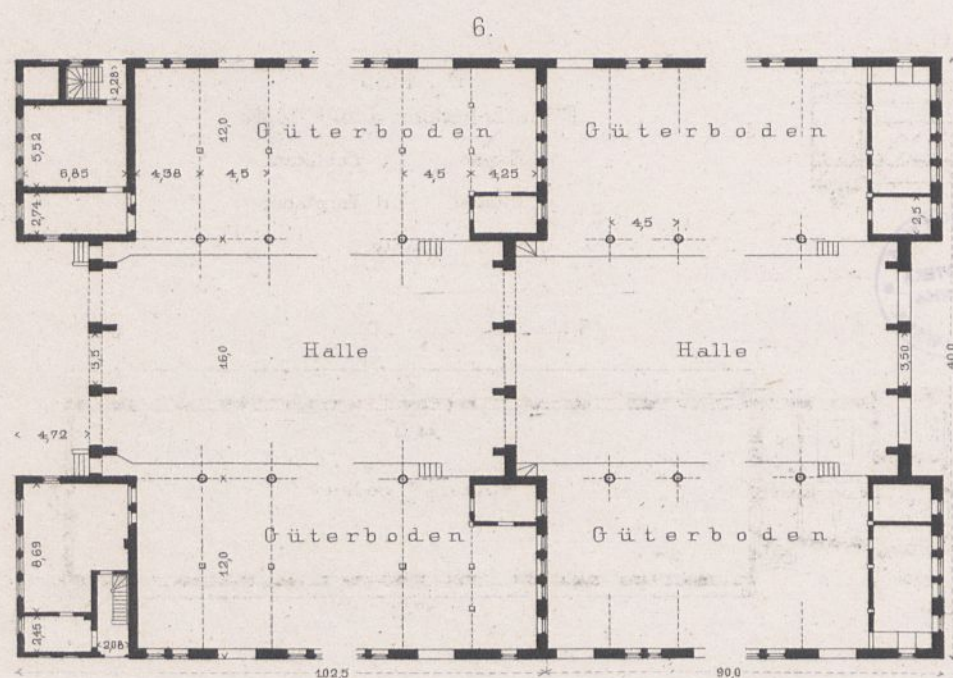
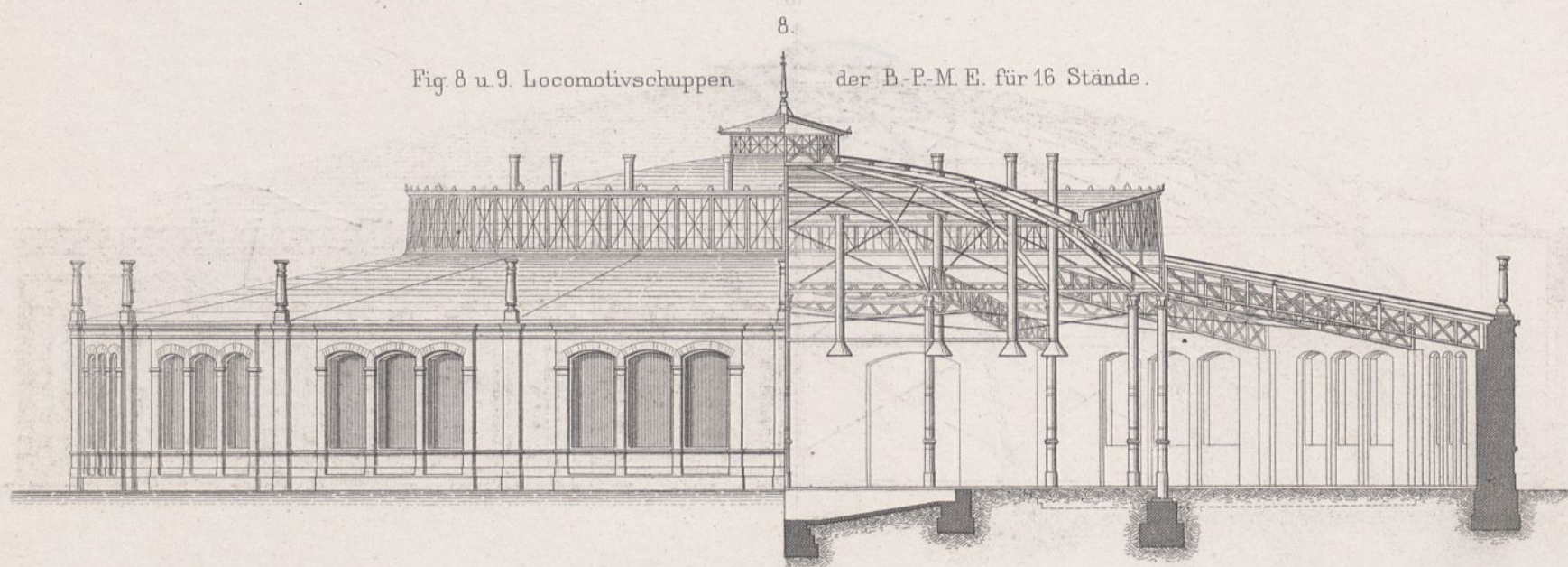


Fig. 6 u. 7 Gütersch. d. Magdeburg-Halberstädter E.

Fig. 8 u. 9. Locomotivschuppen der B.-P.-M. E. für 16 Stände.



- a. Locomotivführer
- b. Bureau
- c. Putzer
- d. Corridor
- e. Lampen
- f. Schlaflsaal
- g. Wohnräume

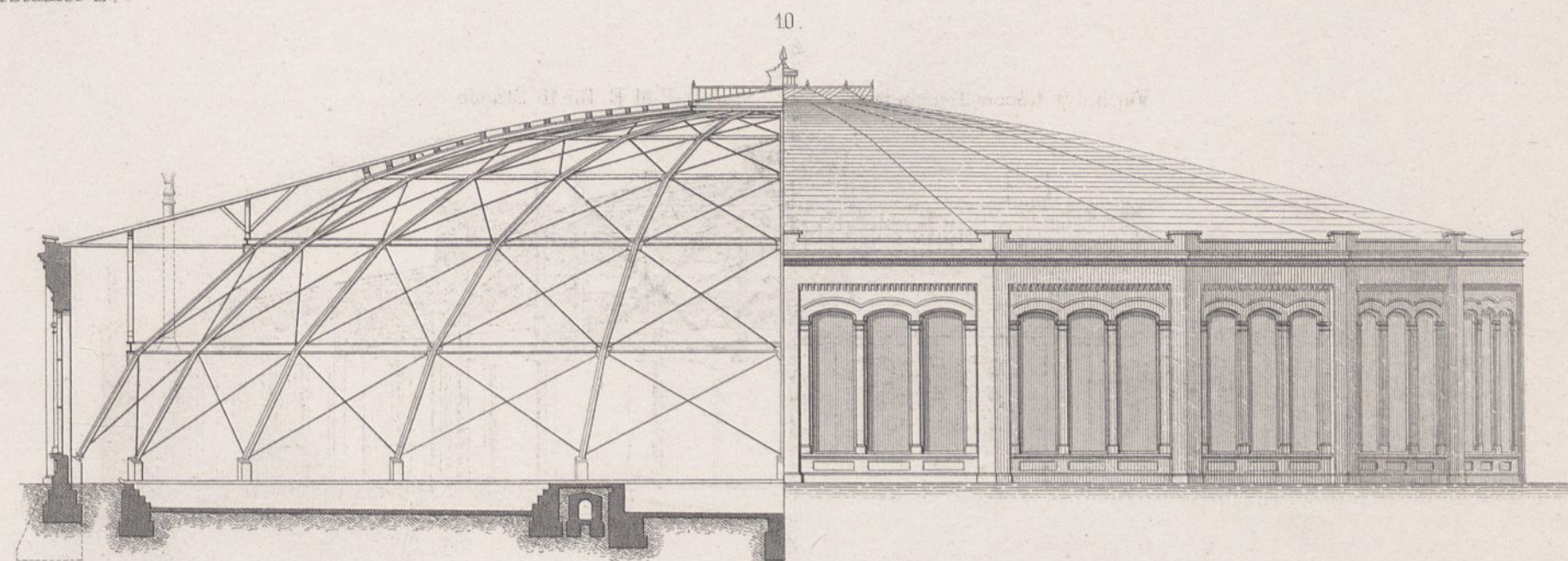


Fig. 10 u. 11. Locomotivsch. d. M.-H. E. für 22 Stände.

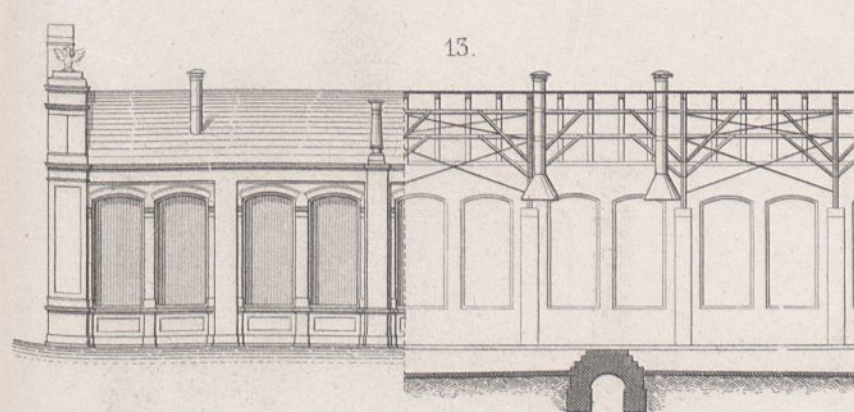
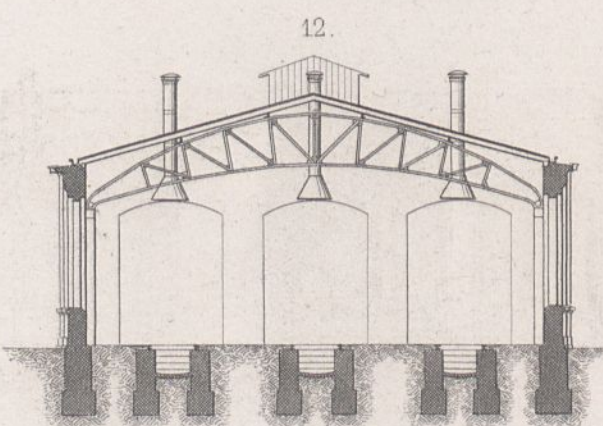
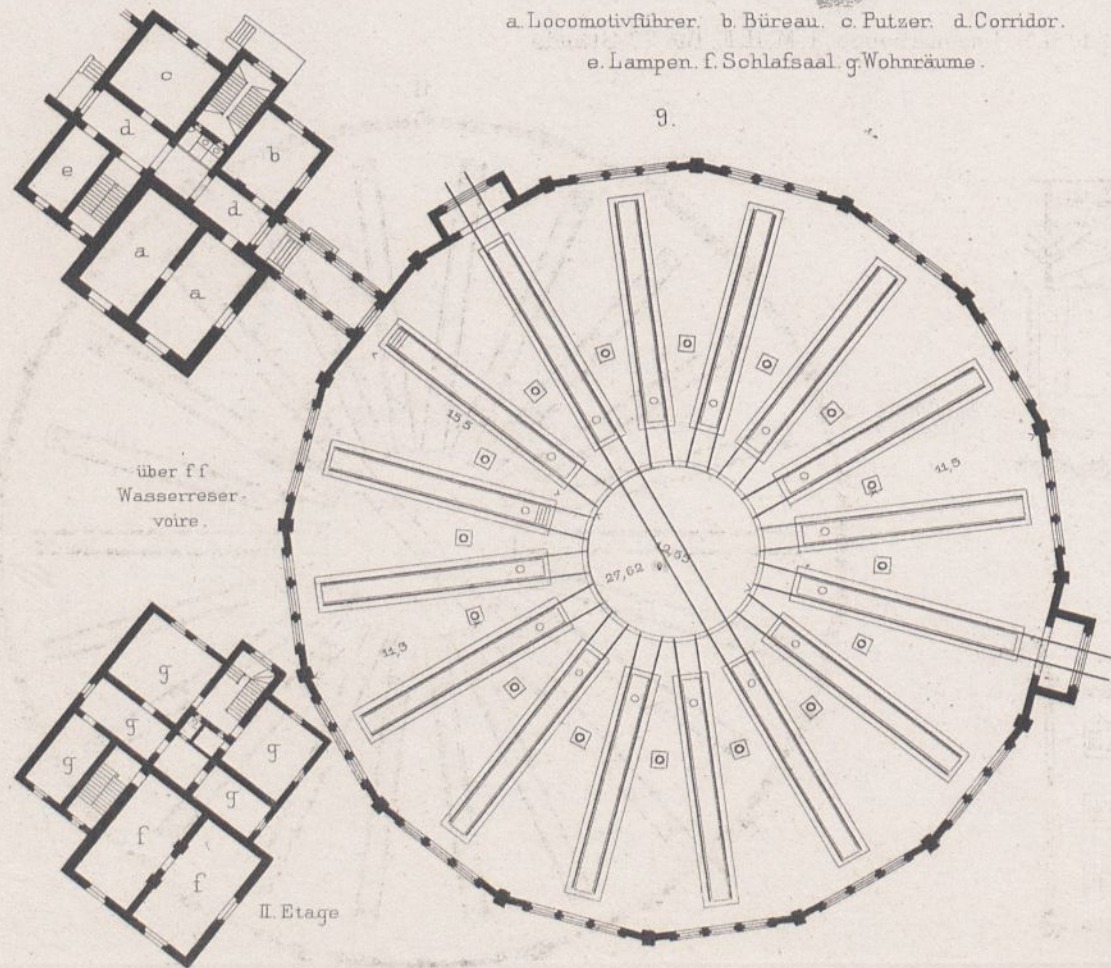
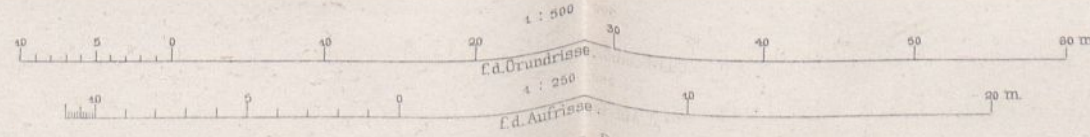
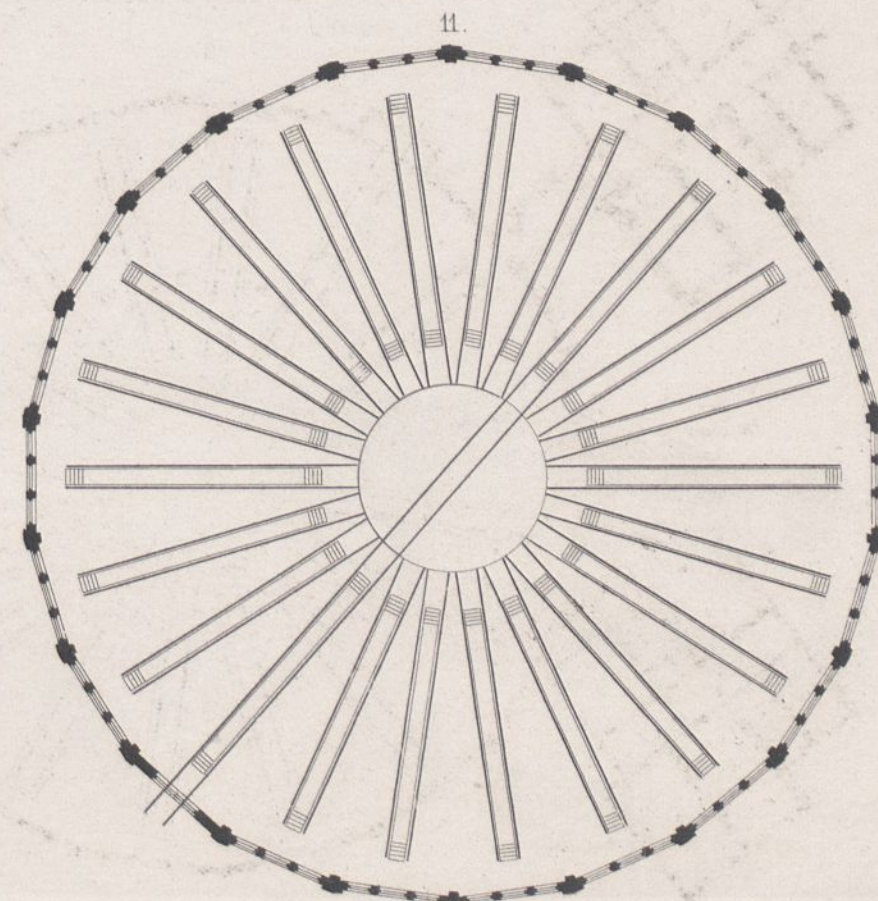
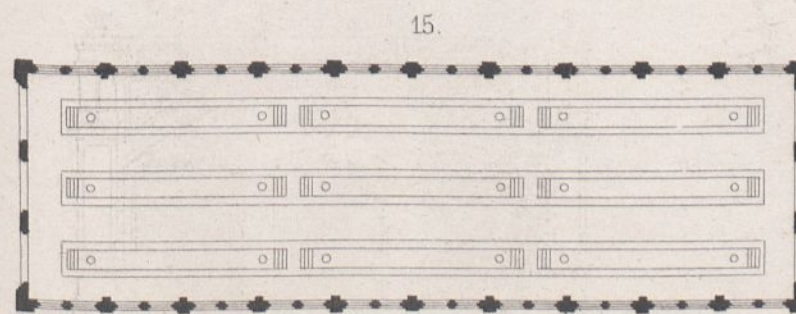
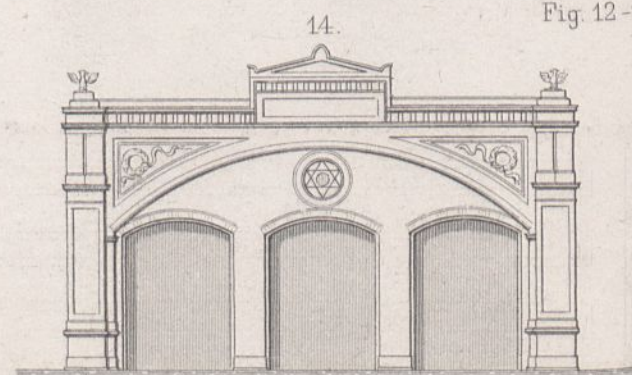
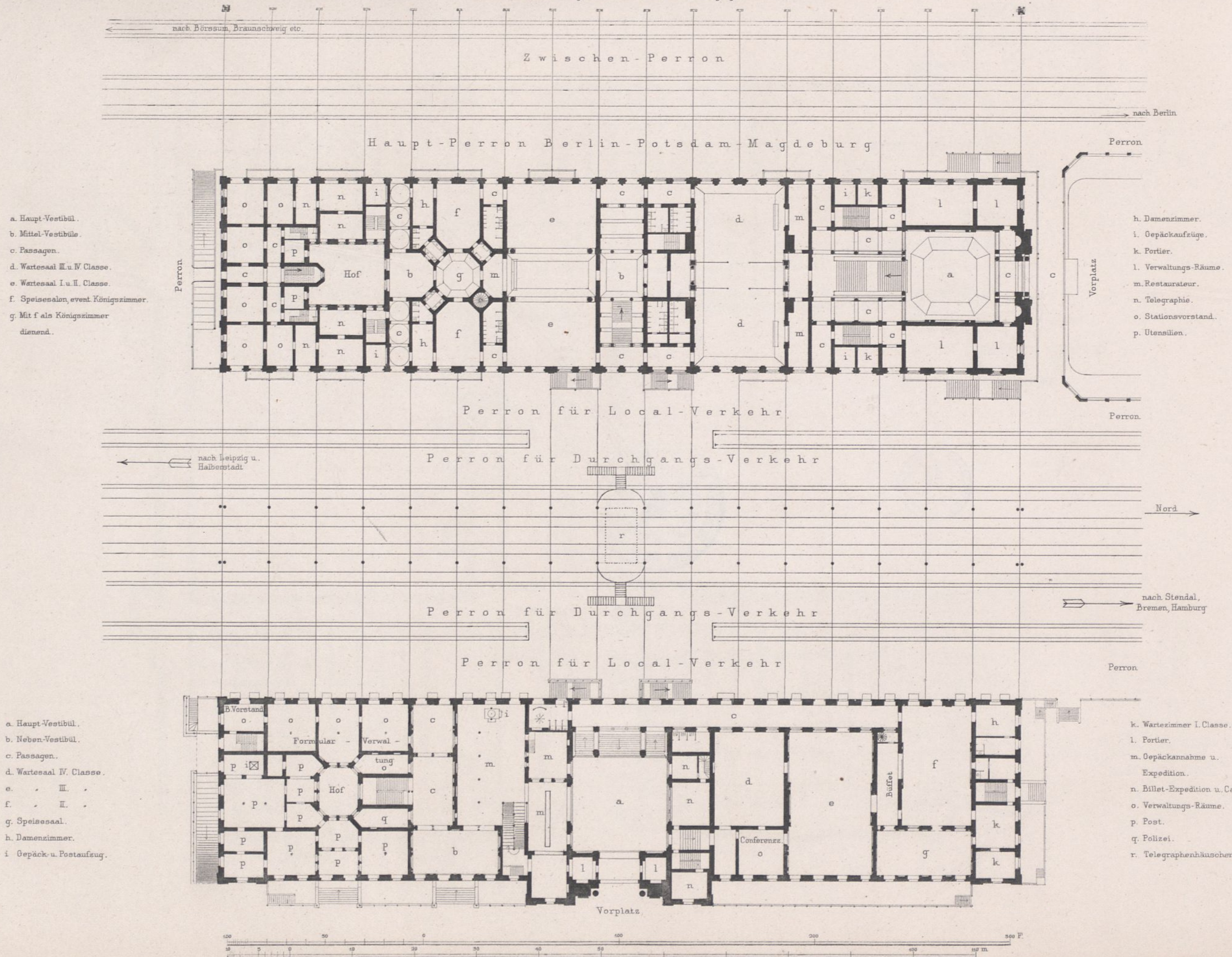


Fig. 12-15 Locomotivsch. d. B.-P.-M. E.



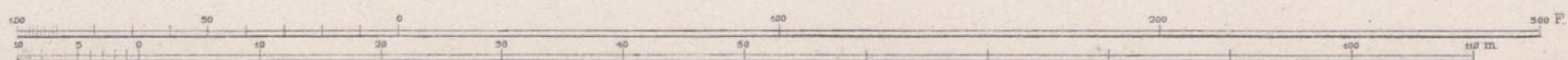


- a. Haupt-Vestibül.
- b. Mittel-Vestibüle.
- c. Passagen.
- d. Wartesaal III u. IV Classe.
- e. Wartesaal I u. II. Classe.
- f. Speisesalon, event Königszimmer.
- g. Mit f als Königszimmer dienend.

- h. Damenzimmer.
- i. Gepäckaufzüge.
- k. Portier.
- l. Verwaltungs-Räume.
- m. Restaurateur.
- n. Telegraphie.
- o. Stationsvorstand.
- p. Utensilien.

- a. Haupt-Vestibül.
- b. Neben-Vestibül.
- c. Passagen.
- d. Wartesaal IV. Classe.
- e. " III "
- f. " II "
- g. Speisesaal.
- h. Damenzimmer.
- i. Gepäck- u. Postaufzug.

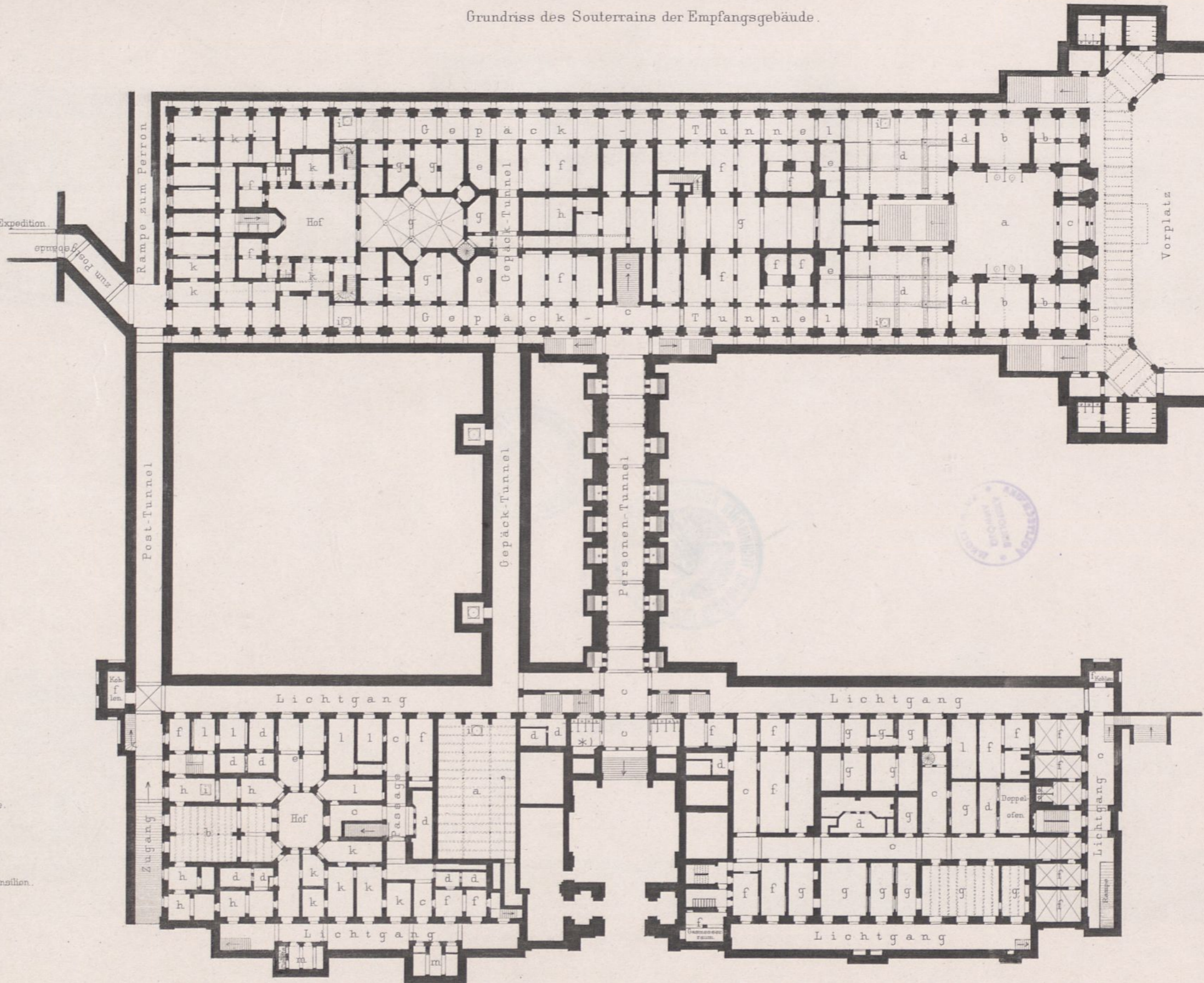
- k. Wartezimmer I. Classe.
- l. Portier.
- m. Gepäckannahme u. Expedition.
- n. Billet-Expedition u. Casse.
- o. Verwaltungs-Räume.
- p. Post.
- q. Polizei.
- r. Telegraphenhäuschen.



Grundriss des Souterrains der Empfangsgebäude.

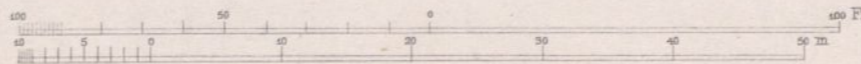
- a. Haupt-Vestibül.
- b. Billet-Expedition.
- c. Passagen.
- d. Gepäck-Annahme u. Expedition.
- e. Luftheizung.

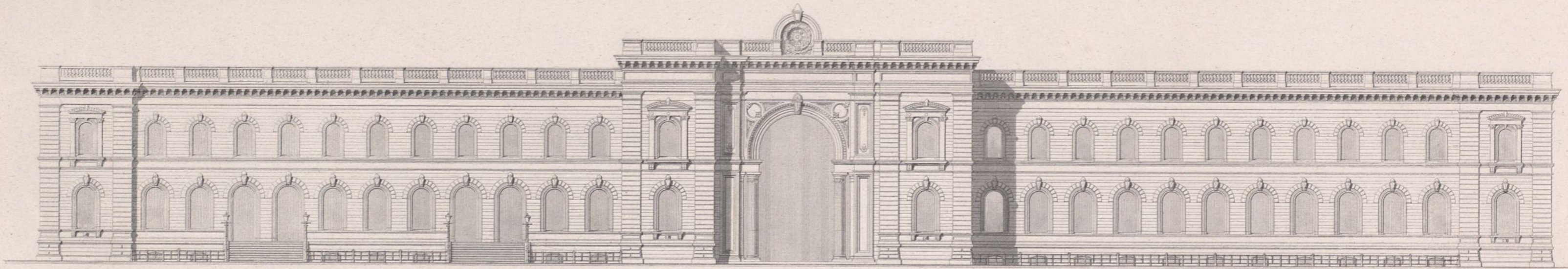
- f. Heizmaterialien u. Utensilien.
- g. Restaurateur.
- h. Eiskeller.
- i. Aufzüge.
- k. für Dienstwohnungs-Zwecke.



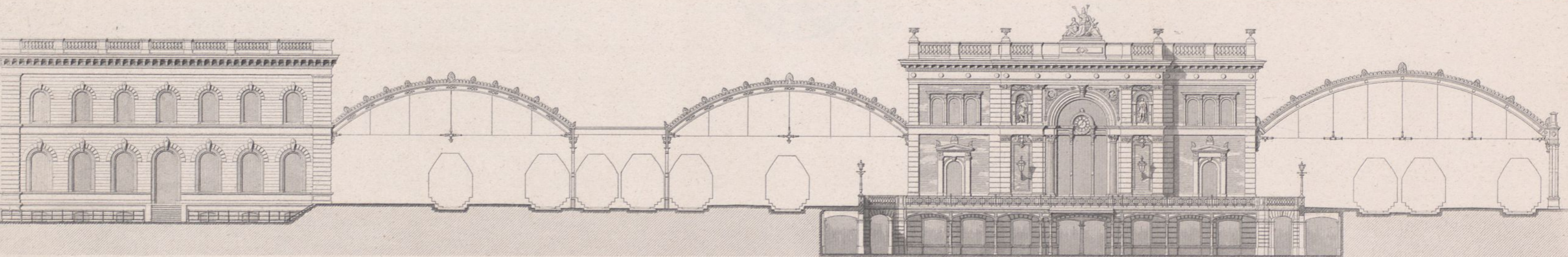
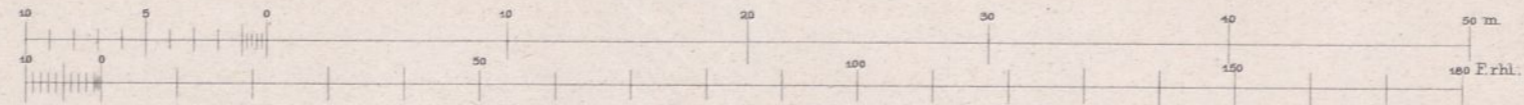
- a. Gepäckraum.
- b. Lampenputzer.
- c. Passagen u. Corridore.
- d. Luftheizungen.
- e. Warmflaschenraum.
- f. Heizmaterialien u. Utensilien.

- g. Restaurateur.
- h. Posträume.
- i. Post-u. Gepäckaufzug.
- k. Wohnung des Hausverwalters.
- l. für Dienstwohnungs-Zwecke.
- m. Raum für Asche u. Müll.

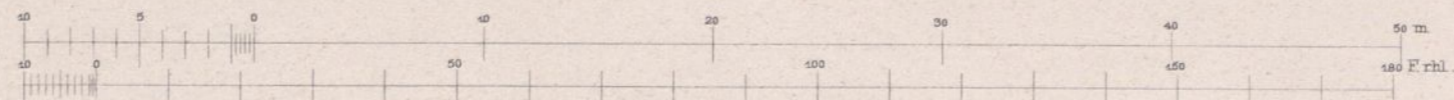




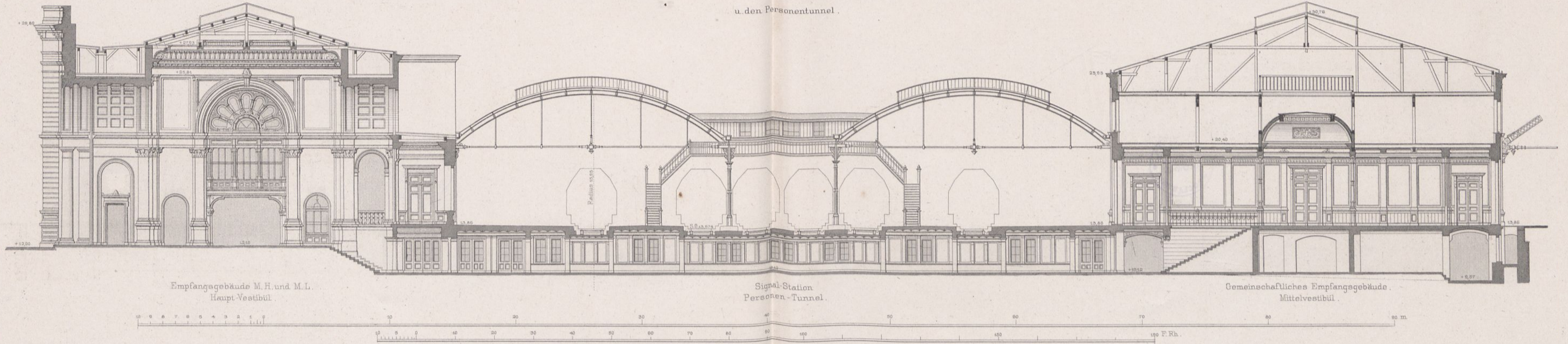
Ostansicht des östlichen Empfangsgebäudes.
(Magdeburg Halberstadt u. Magdeburg Leipzig).



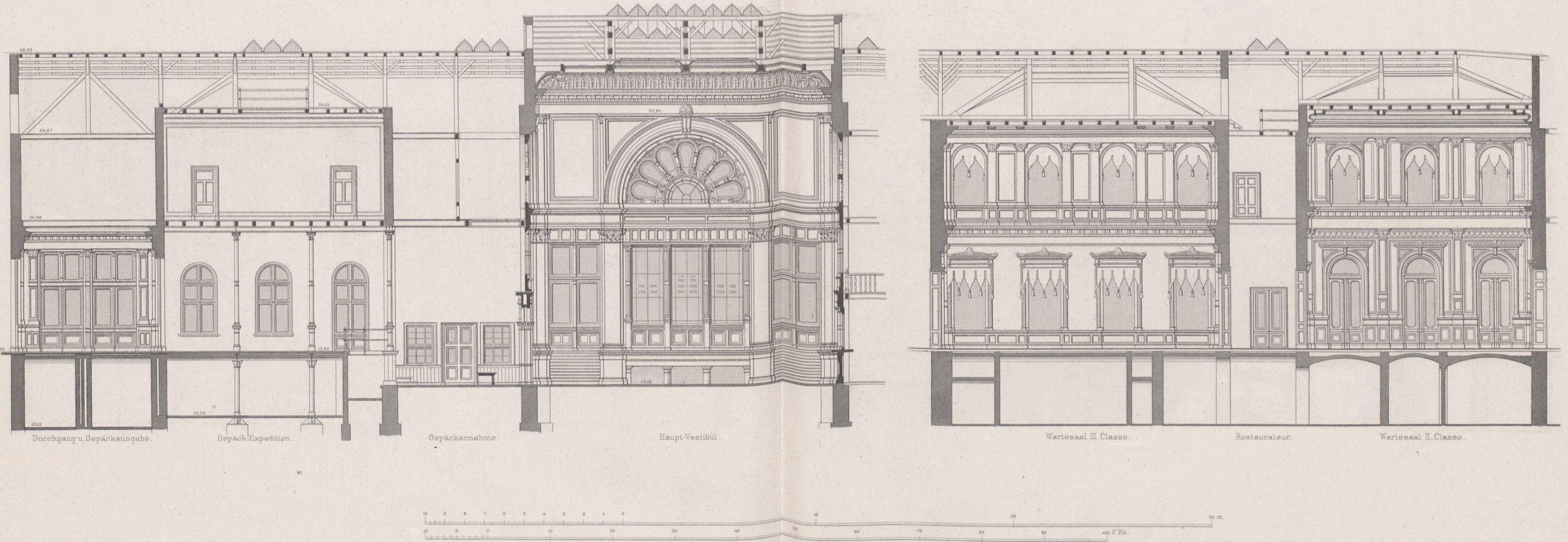
Nordansicht der beiden Empfangsgebäude nebst Perronhallen.

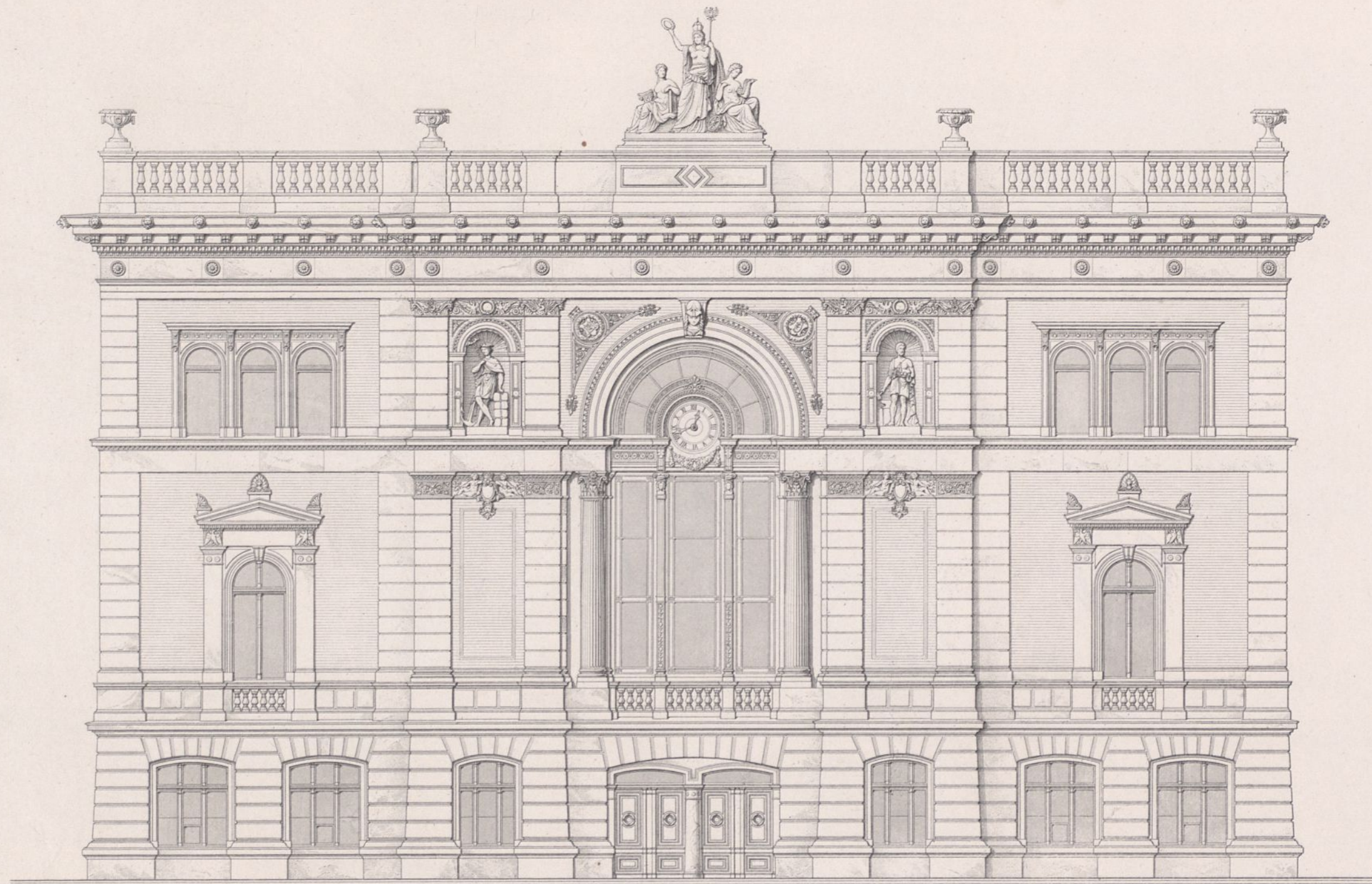


Querschnitt durch die beiden Empfangsgebäude
u. den Personentunnel.

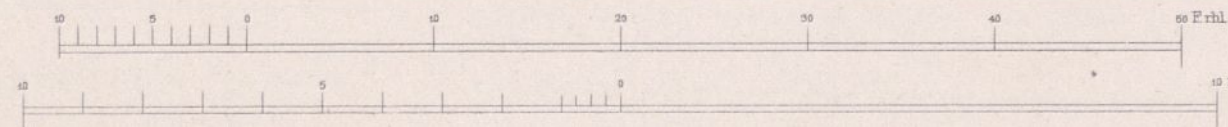


Längenschnitt durch das Empfangsgebäude M. H. u. M. L.





Giebelansicht des gemeinschaftlichen Empfangsgebäudes.

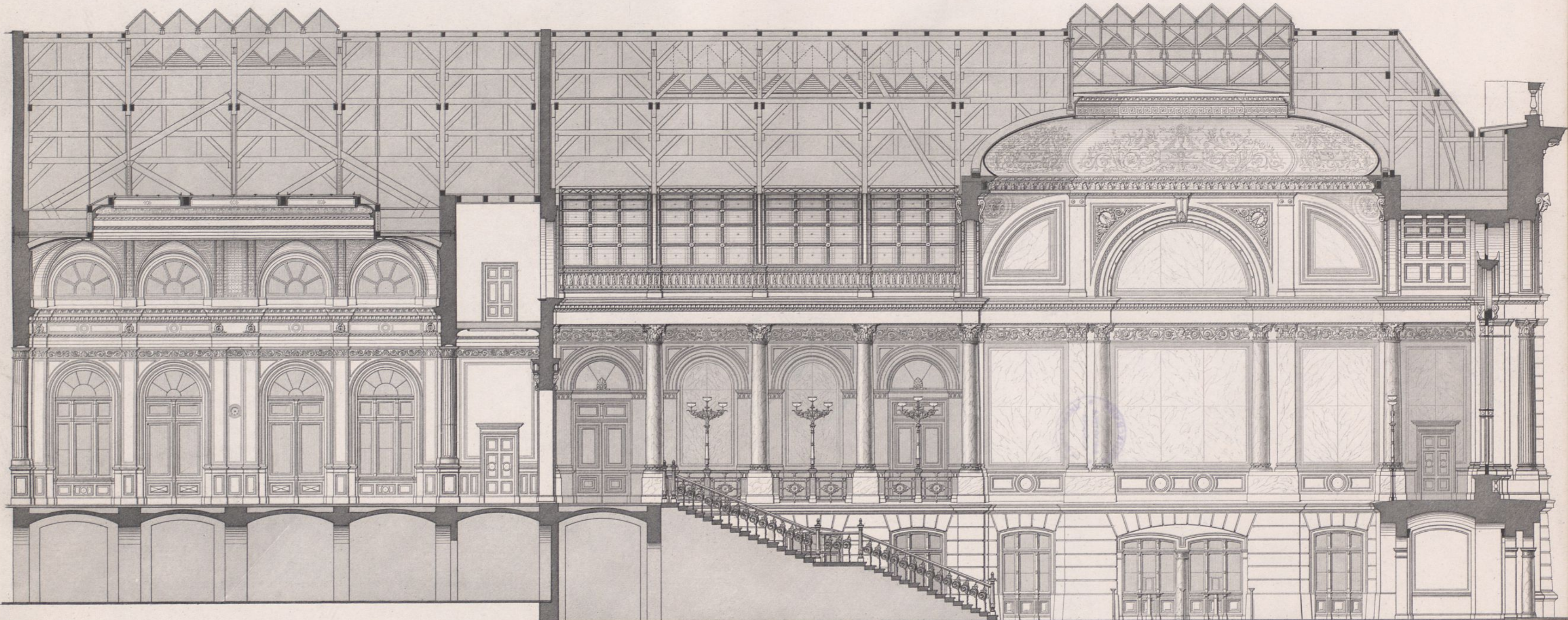


Ernst & Korn Berlin.

Arch. Gebr. Ritter u. Pisgel.

Centralbahnhof Magdeburg.

Längenschnitt durch das gemeinschaftliche (westliche) Empfangsgebäude.

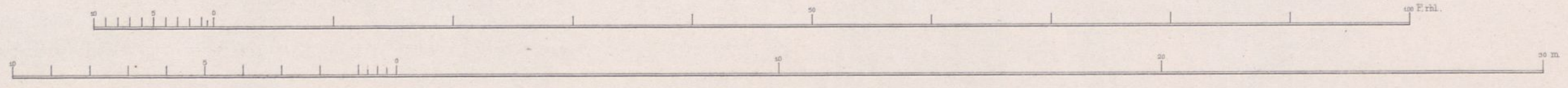


Wartesaal III. u. IV. Classe.

Perron-Passage.

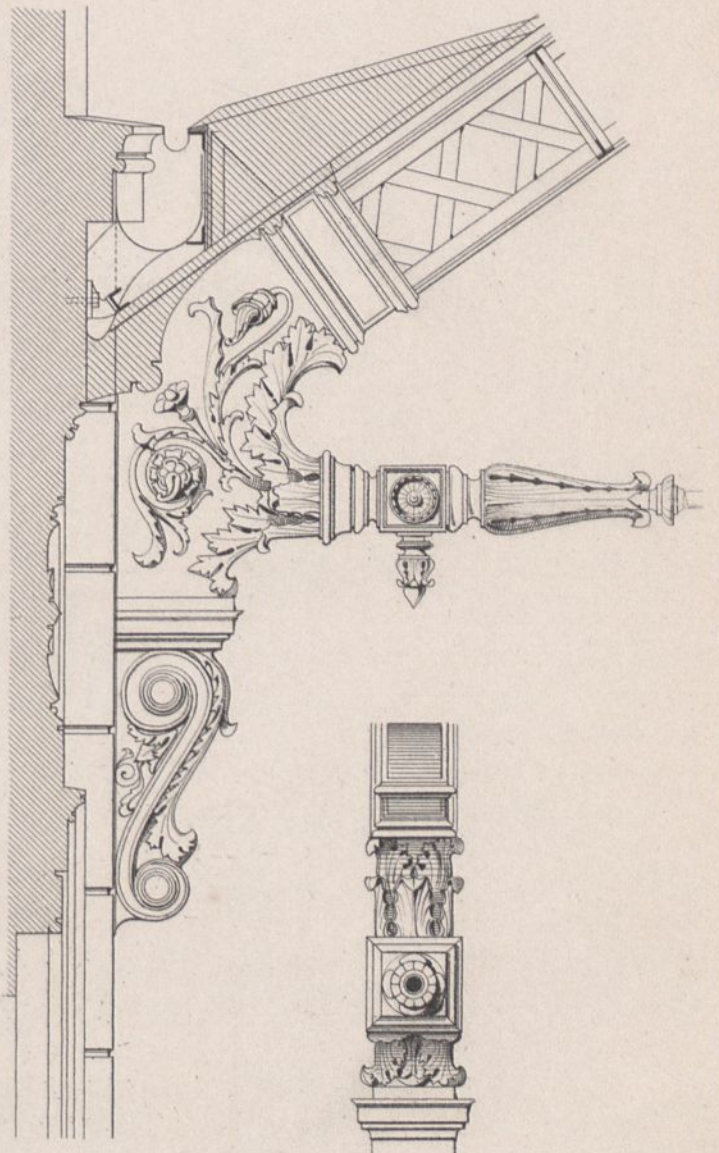
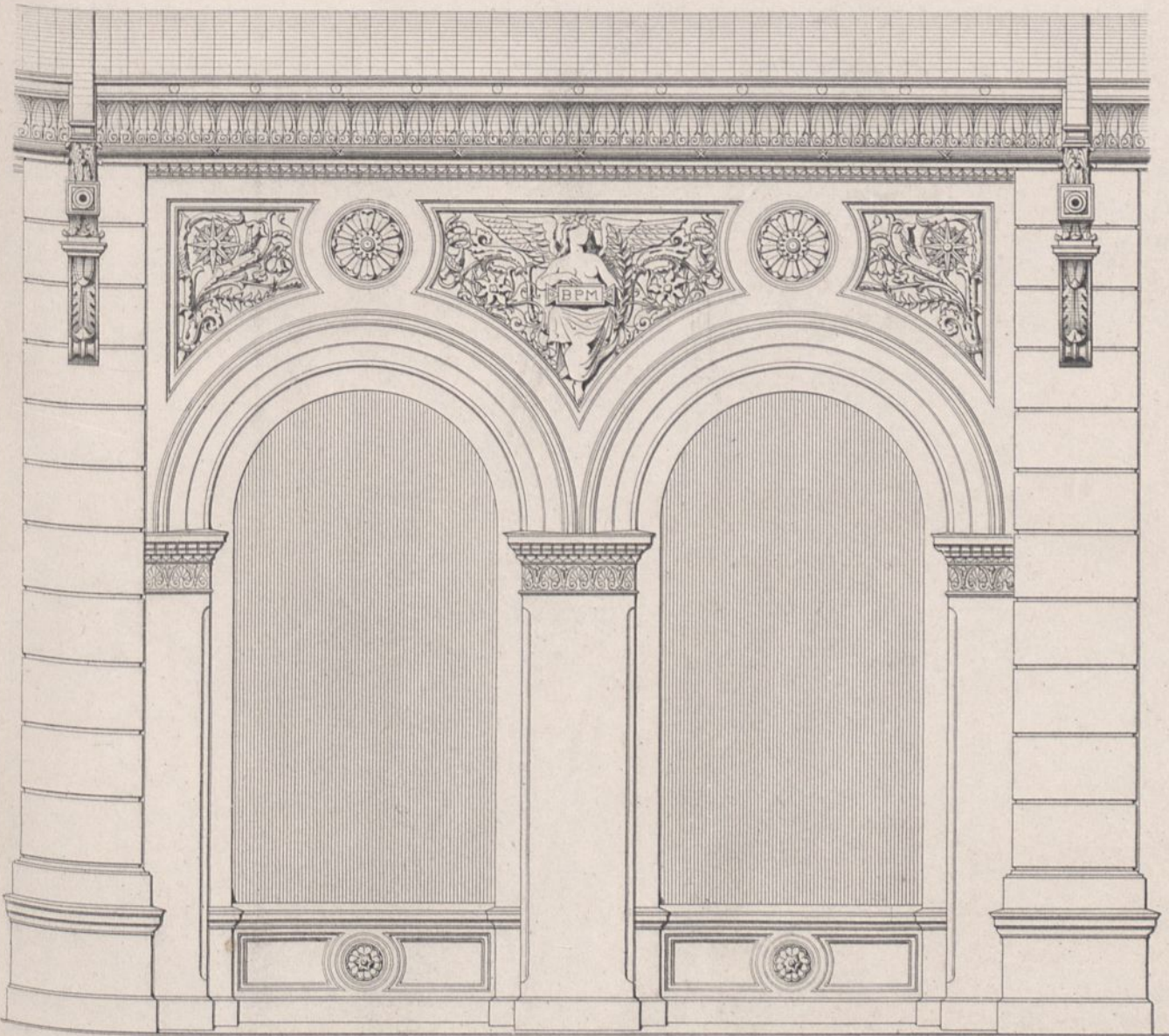
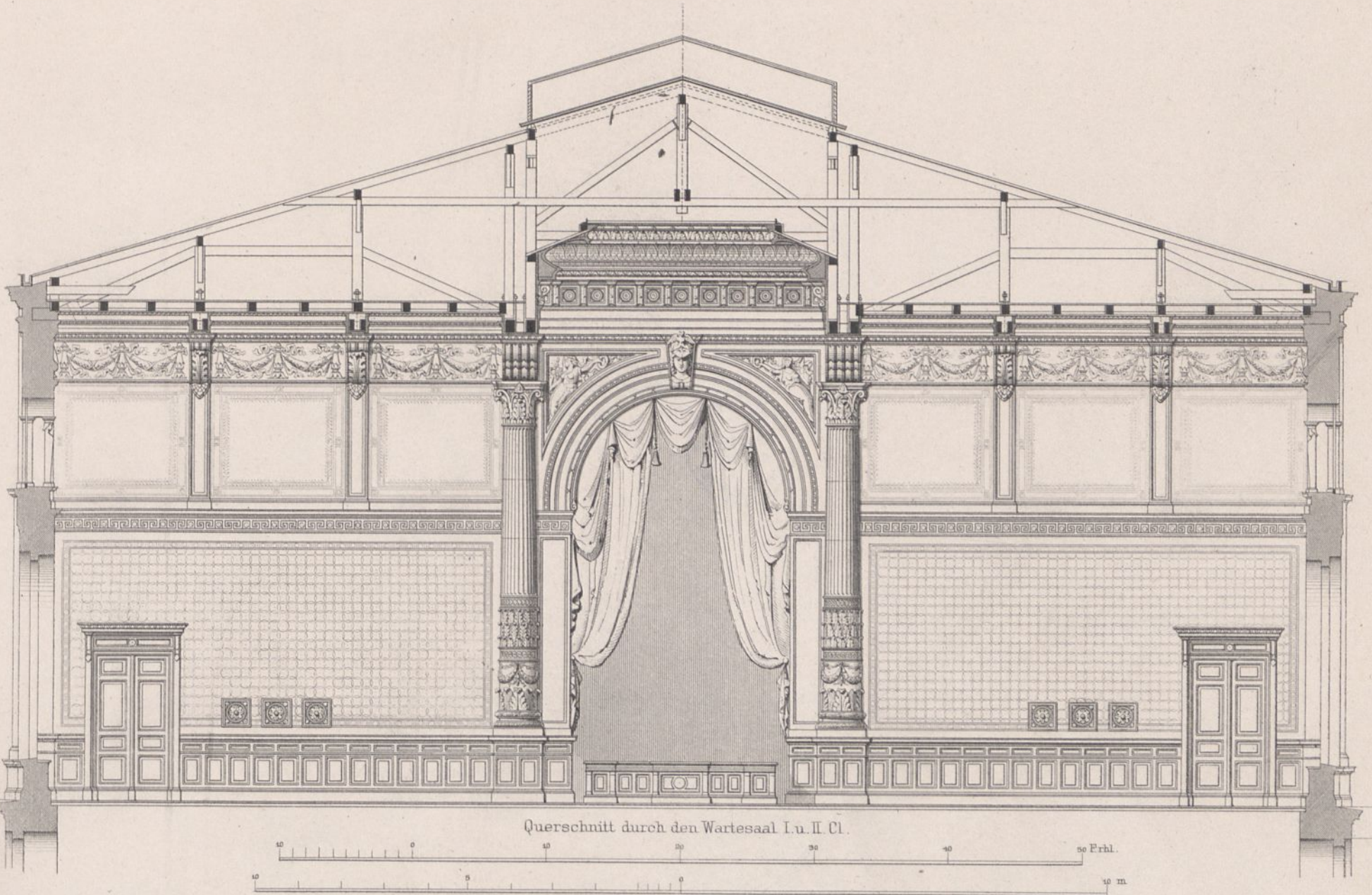
Haupt-Vestibül.

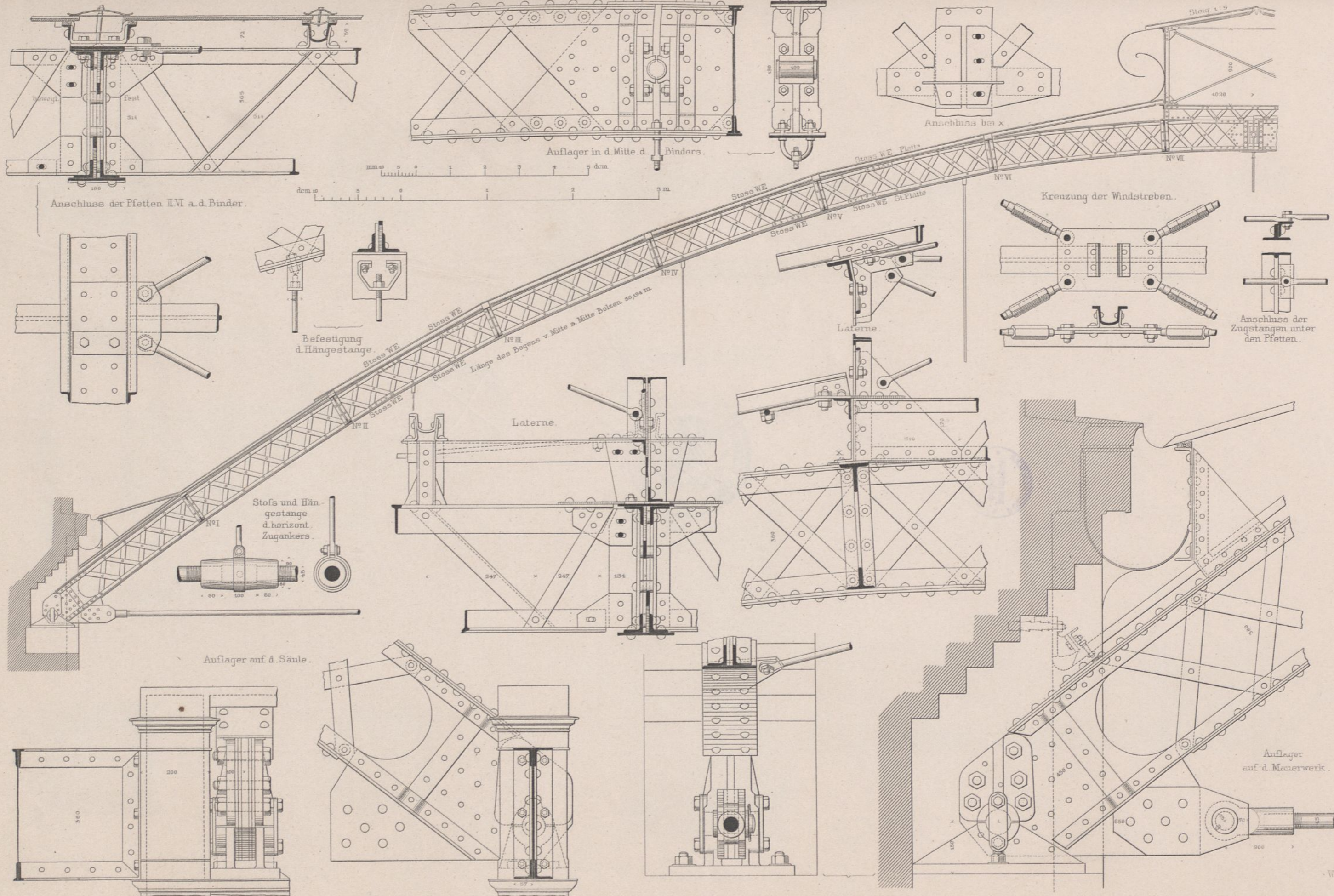
Billetschalter.



Ernst & Korn. Berlin.

Arch. Gebr. Ritter u. Riegel.
J.G. Riegel gest.

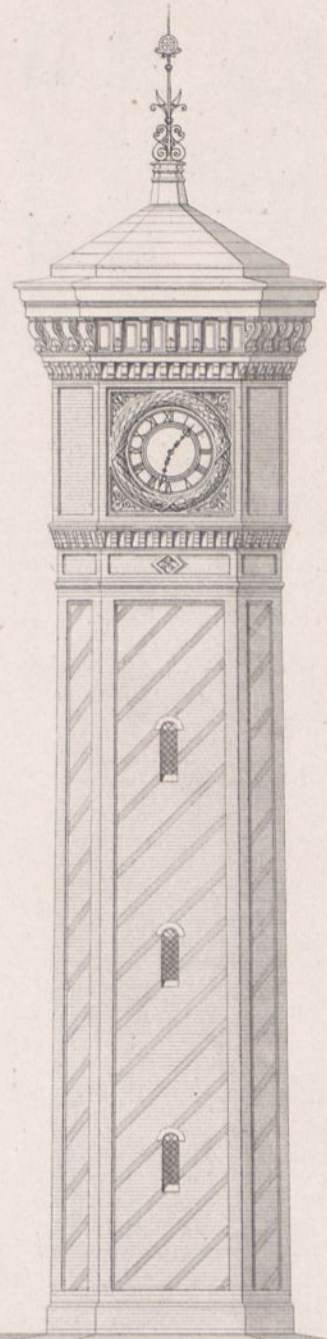
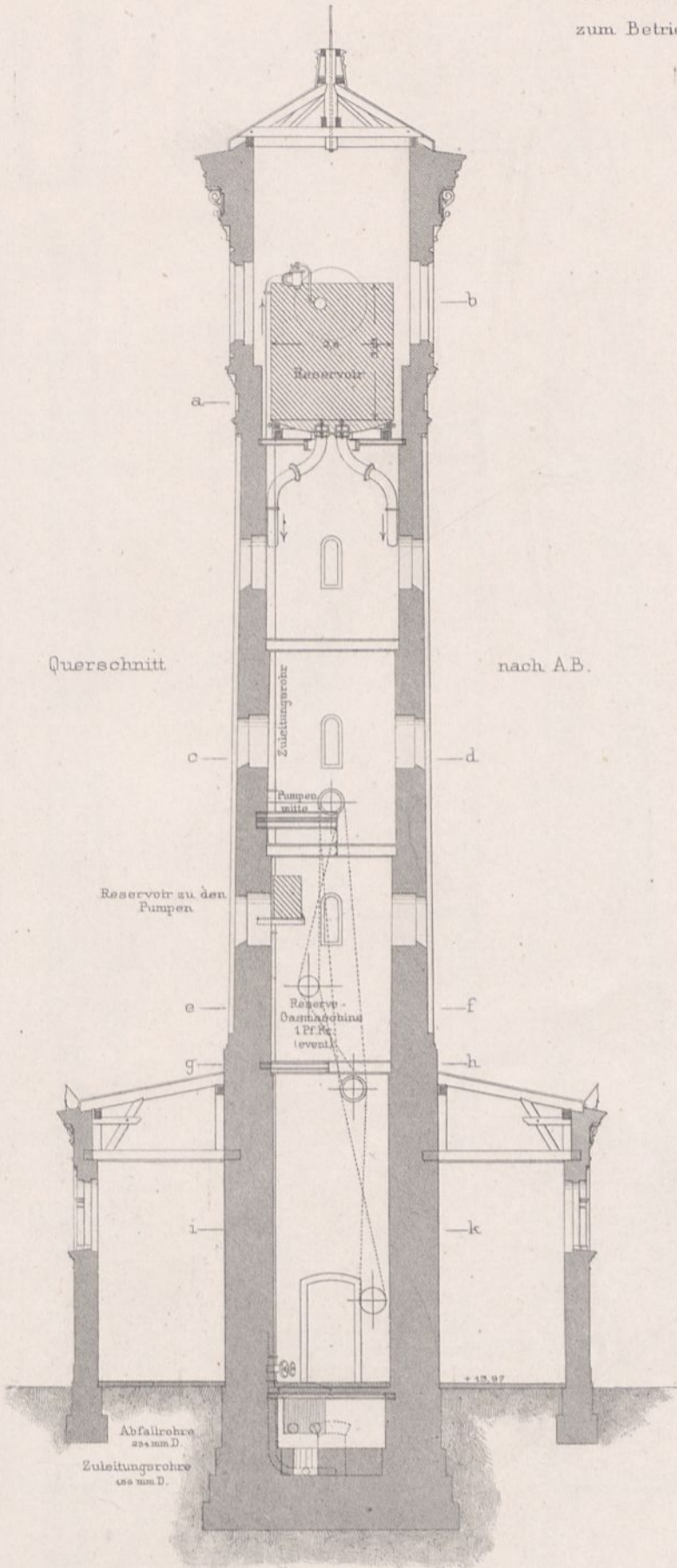




Gemeinschaftlicher Wasserthurm
zum Betrieb der hydraulischen Aufzüge.

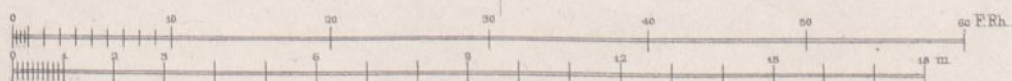
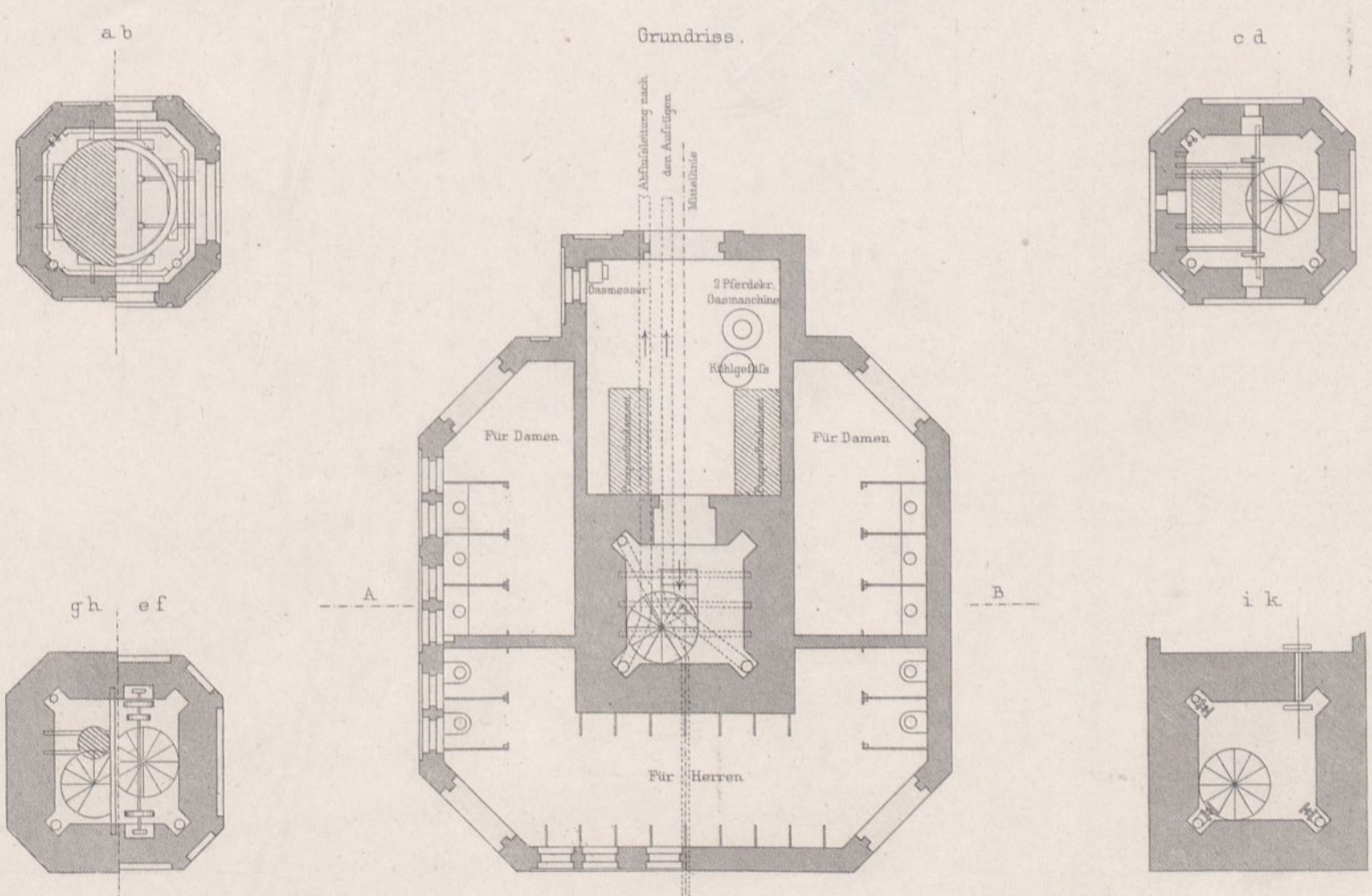
Querschnitt

nach A.B.



Ansicht.

Grundriss.

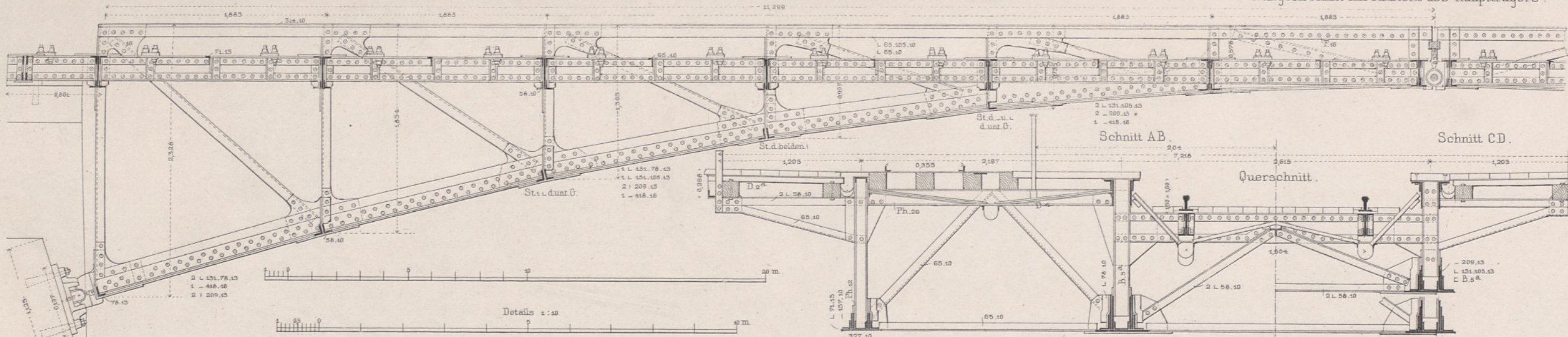


Ernst & Korn, Berlin.

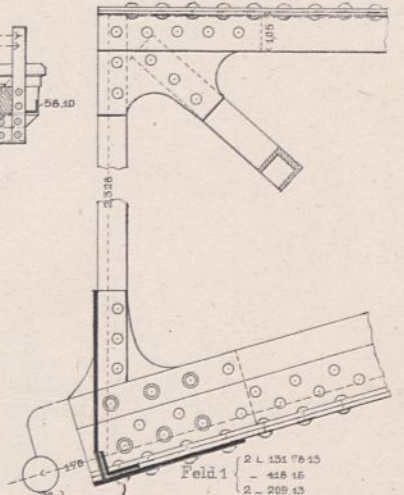
Atlr. Gebr. Ritter u. Riegel

Längenschnitt mit Ansicht des Hauptträgers.

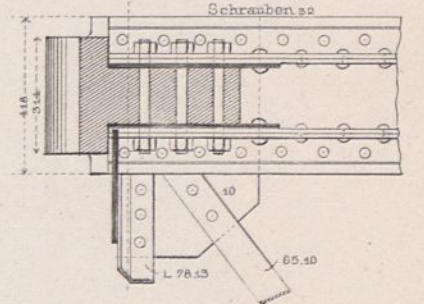
Hauptträger am Anflager.



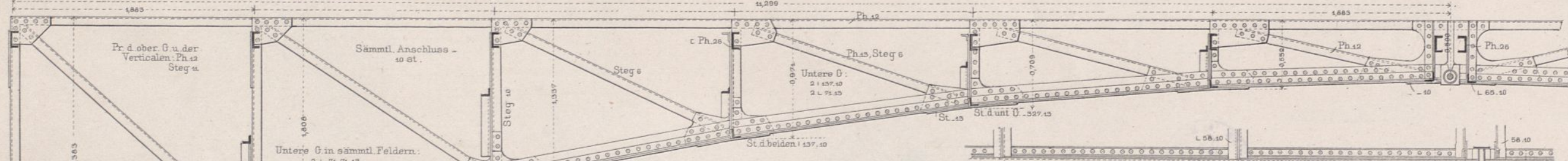
Obere Gurtung.



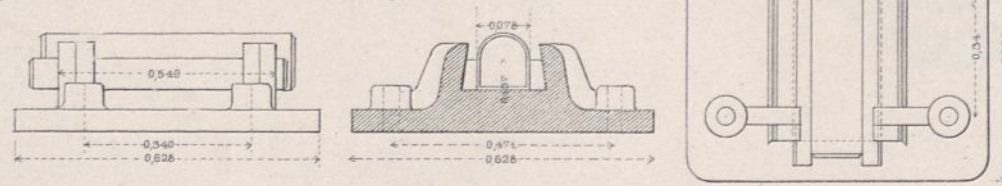
Untere Gurtung.



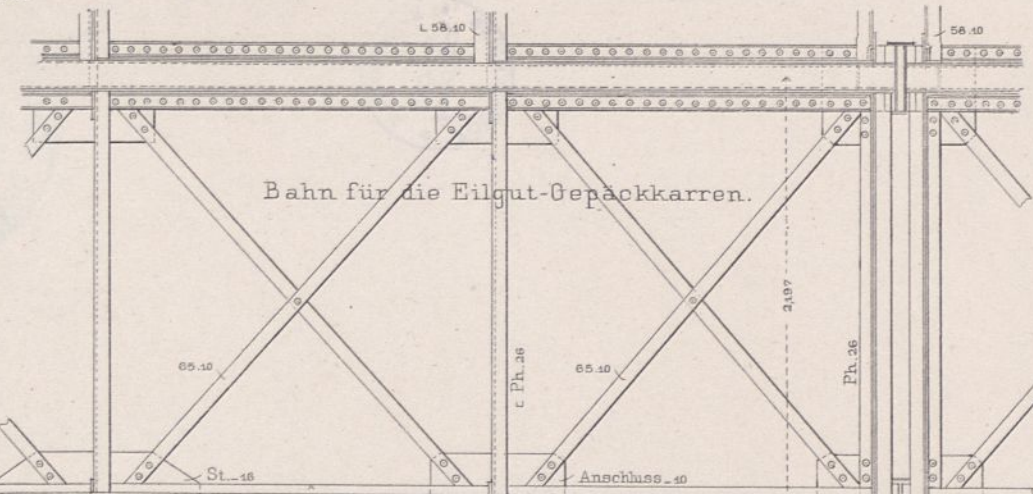
Längenschn. mit Ansicht d. Trägers der Karrenbahn.



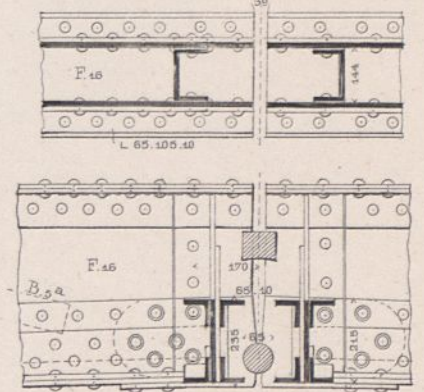
Detail des Auflagers der Bögen für die Geleise.



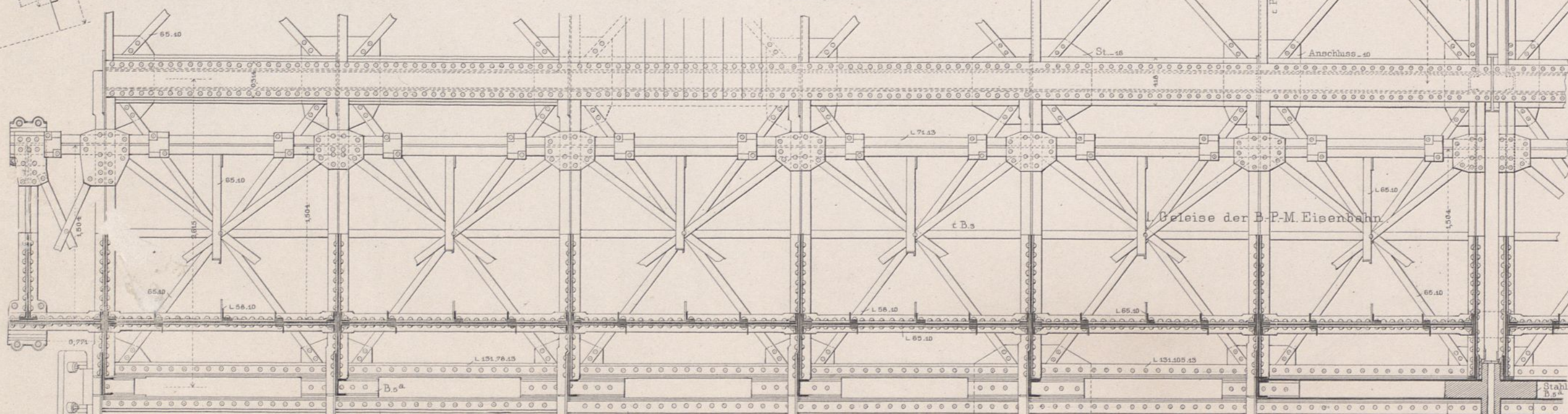
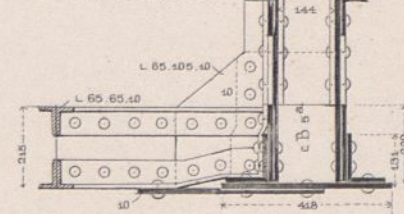
Bahn für die Eilgut-Gepäckkarren.



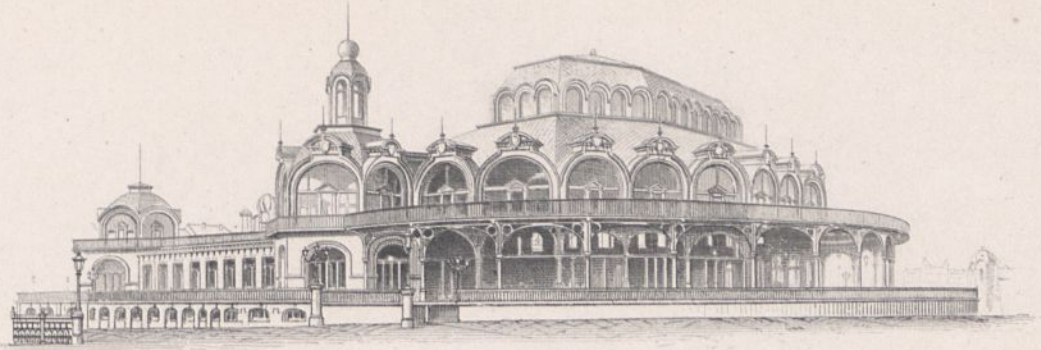
Hauptträger im Scheitel.



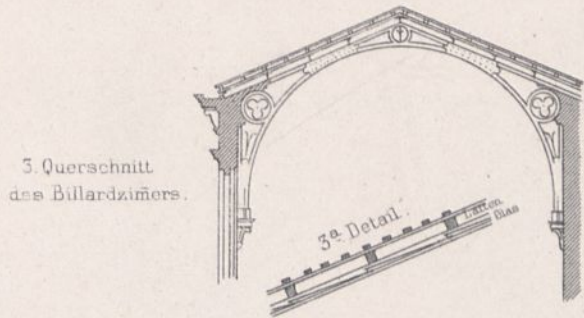
Querträgeranschluss im Scheitel.



Es bezeichnen: L Winkelseisen. - Platte. | Verticalblech. F Füllblech. G Gurtung. Pr Profil. St Stofs. B Burbacher Hütte N° D Dillinger Hütte N° Ph Phönix N°

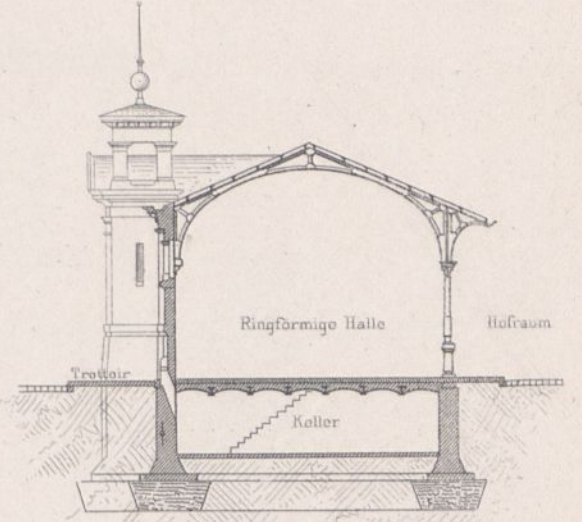


2. Ansicht.

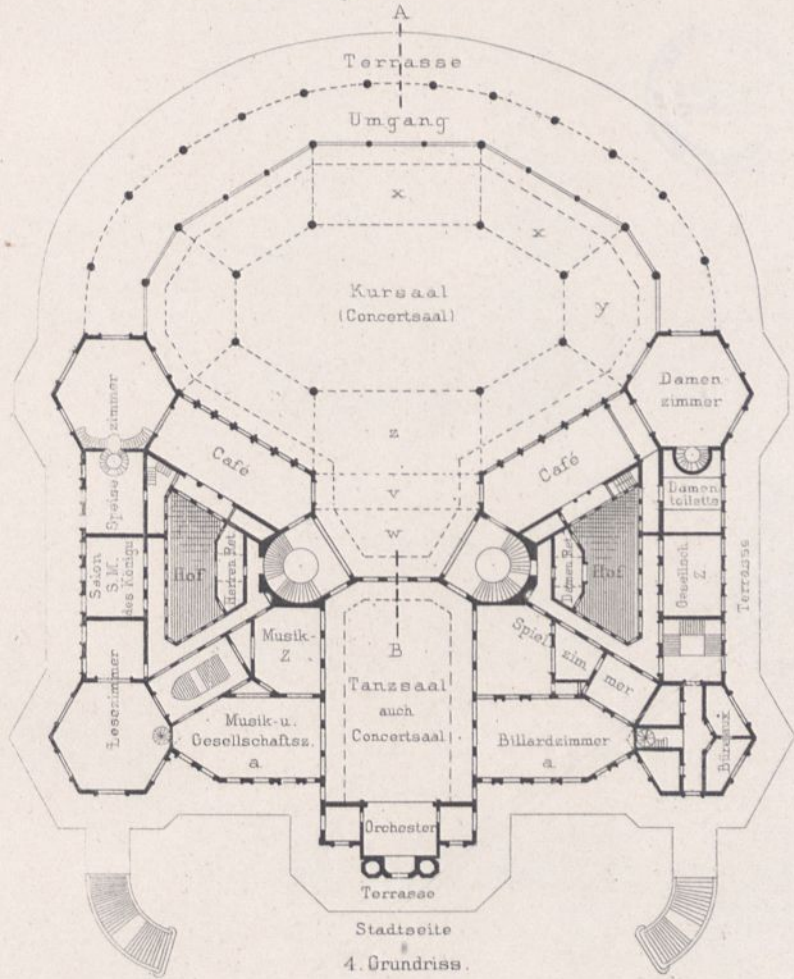


3. Querschnitt des Billardzimmers.

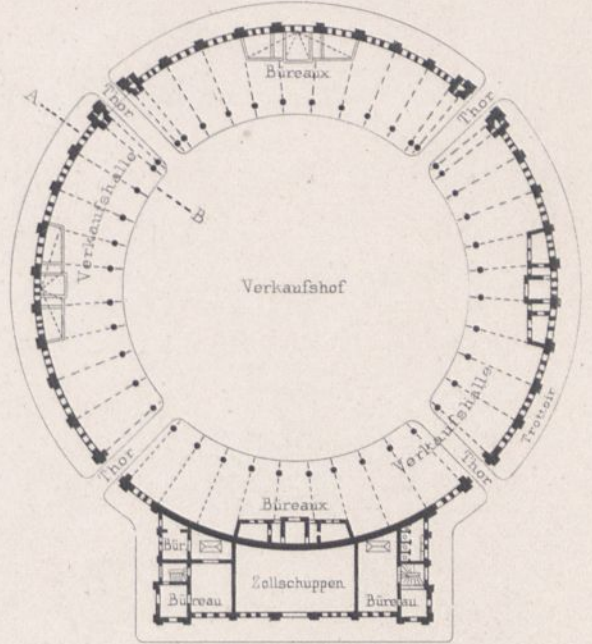
2-5 Das neue Kurhaus
6-8 Der neue Fischmarkt.



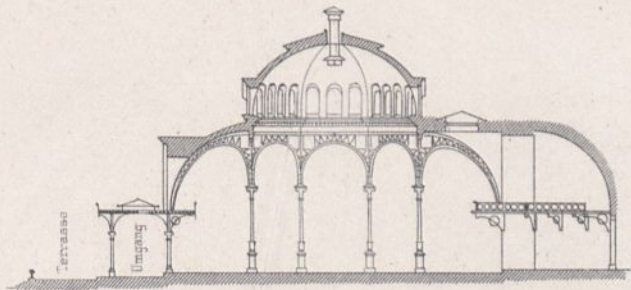
6. Querschnitt CD.



4. Grundriss.



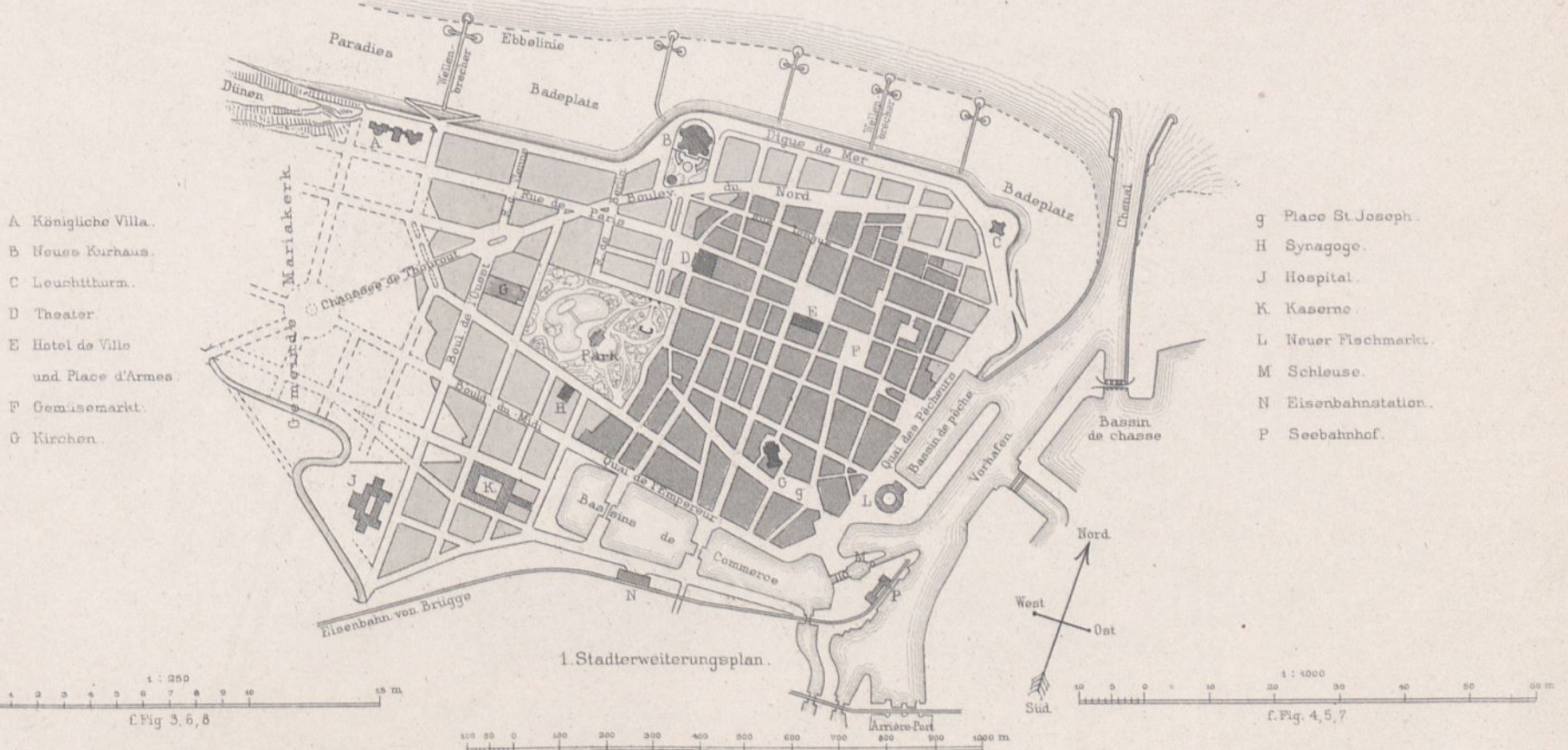
7. Grundriss.



5. Querschnitt.



8. Portalansicht.



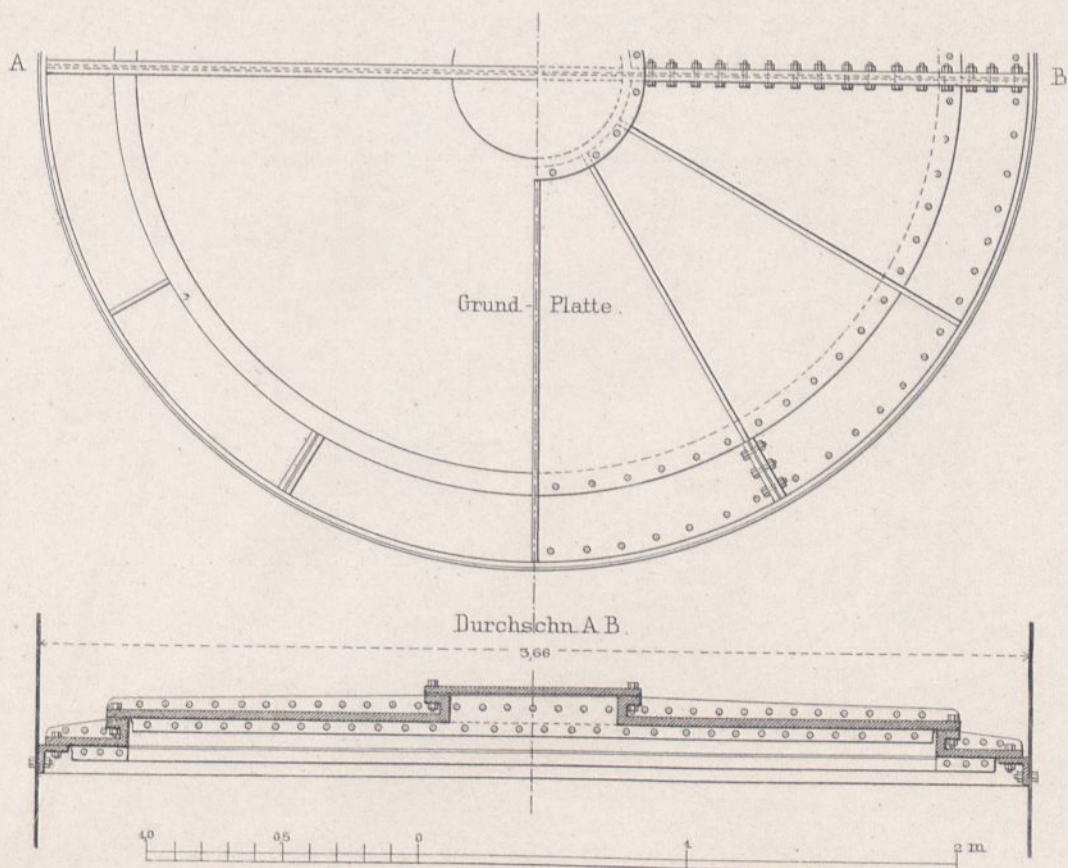
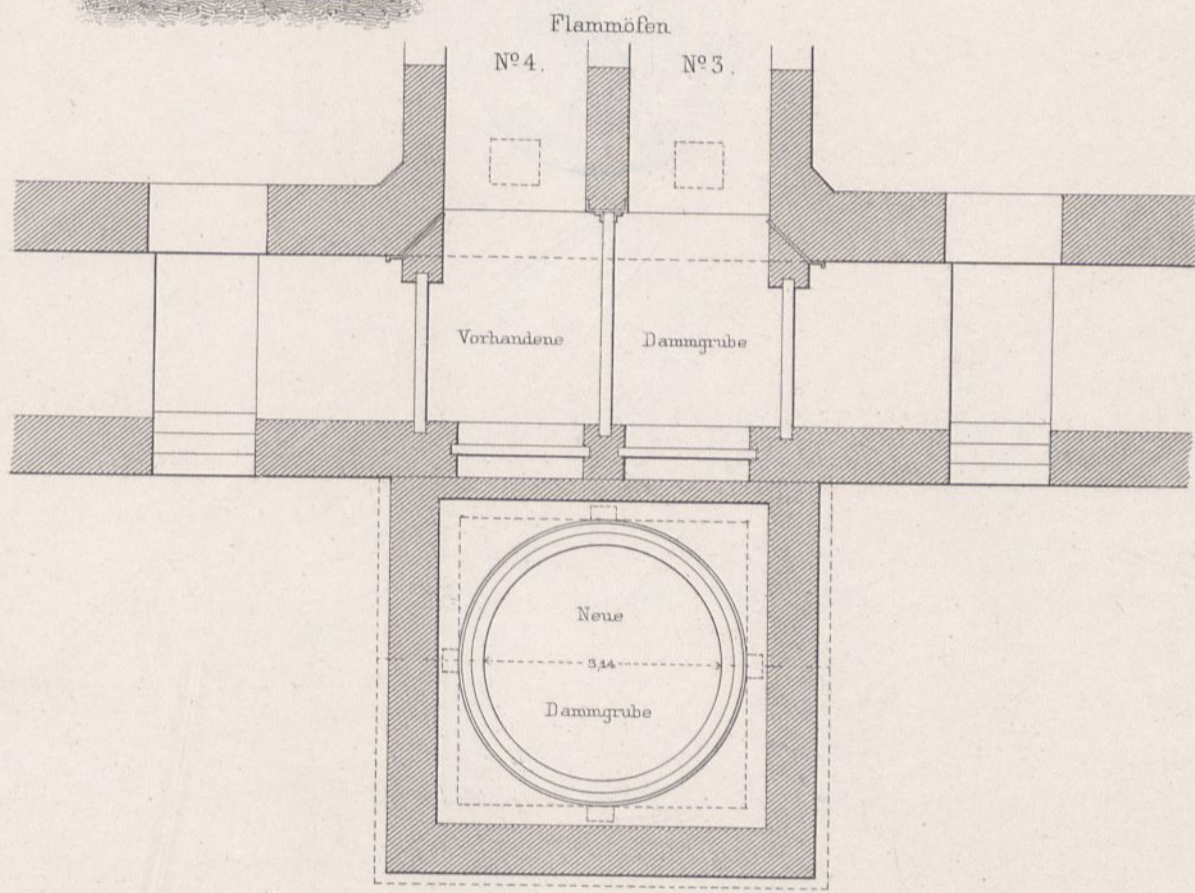
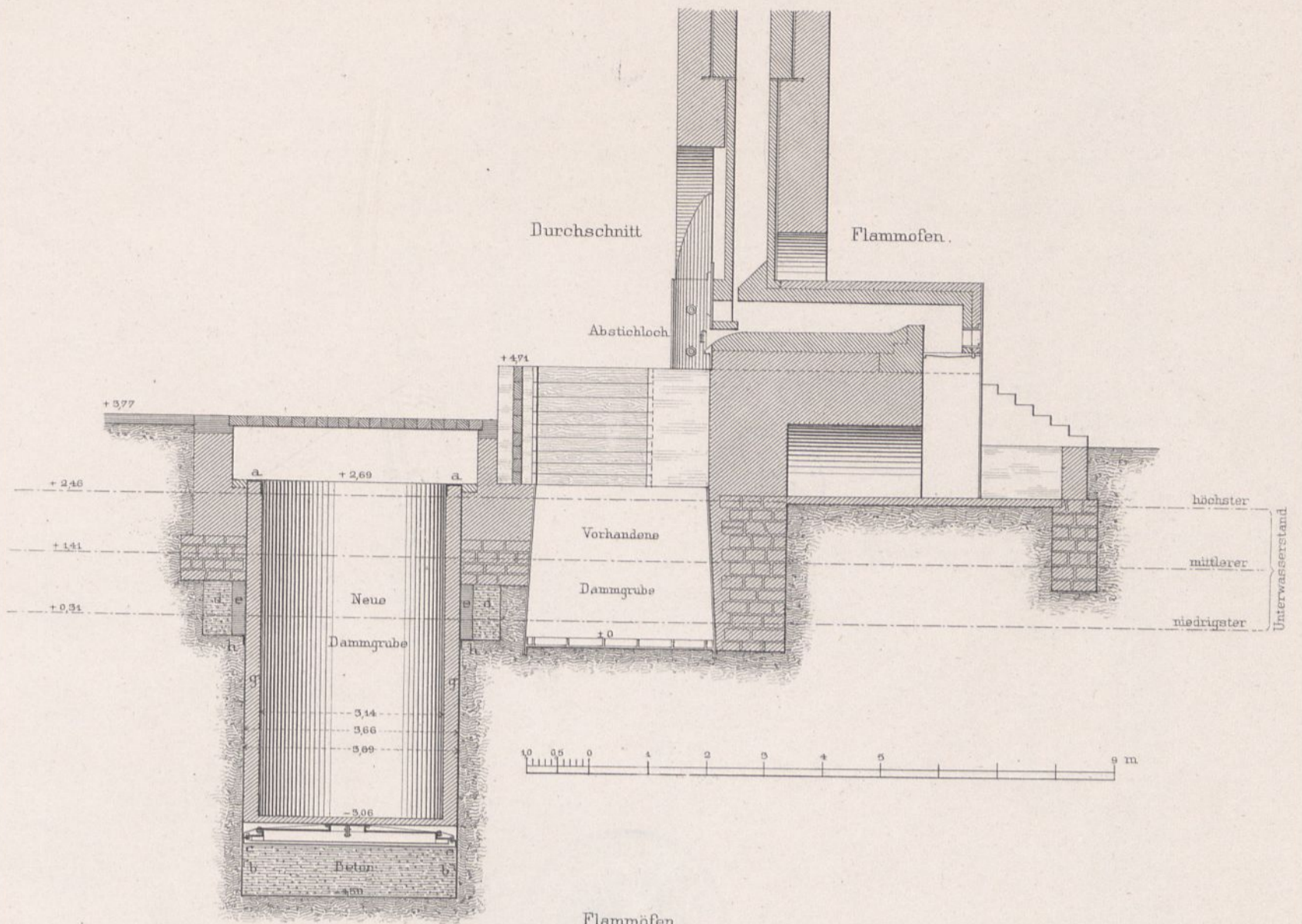
- A Königliche Villa.
- B Neues Kurhaus.
- C Leuchtturm.
- D Theater.
- E Hotel de Ville und Place d'Armes.
- F Gemüsemarkt.
- G Kirchen.

- g Place St. Joseph.
- H Synagoge.
- J Hospital.
- K Kaserne.
- L Neuer Fischmarkt.
- M Schleuse.
- N Eisenbahnstation.
- P Seebahnhof.

1 : 250
f. Fig. 3, 6, 8

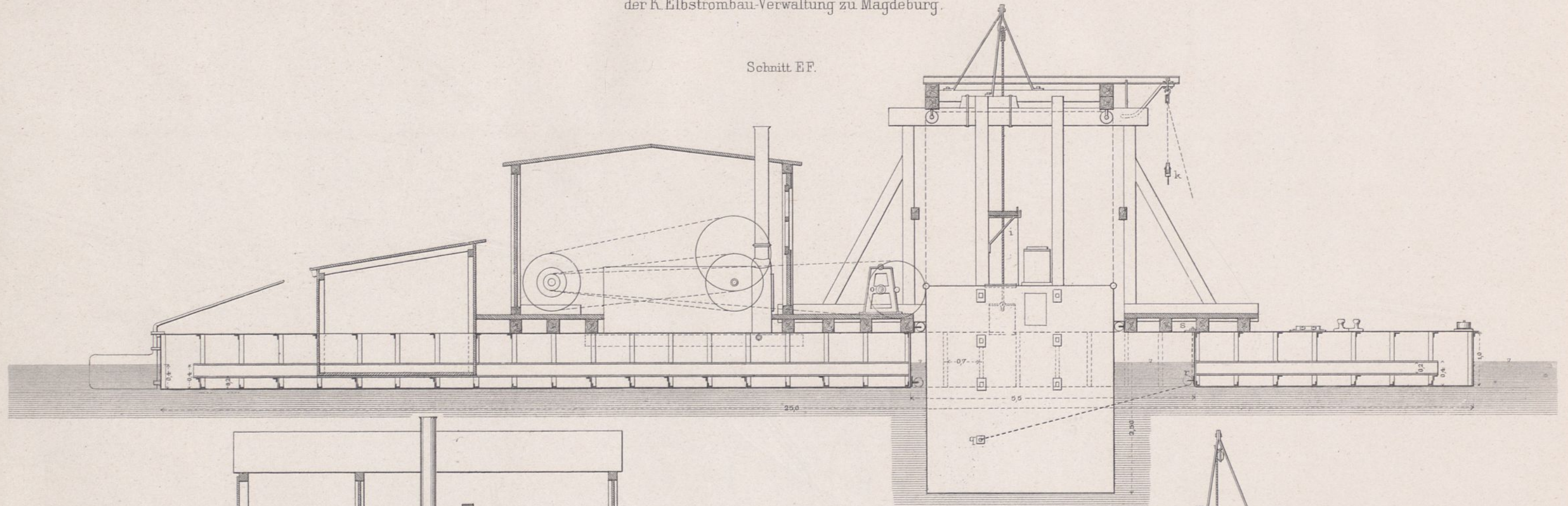
1 : 4000
f. Fig. 4, 5, 7

Dammgruben-Anlage im Gießhause der K.Geschützgießerei in Spandau.

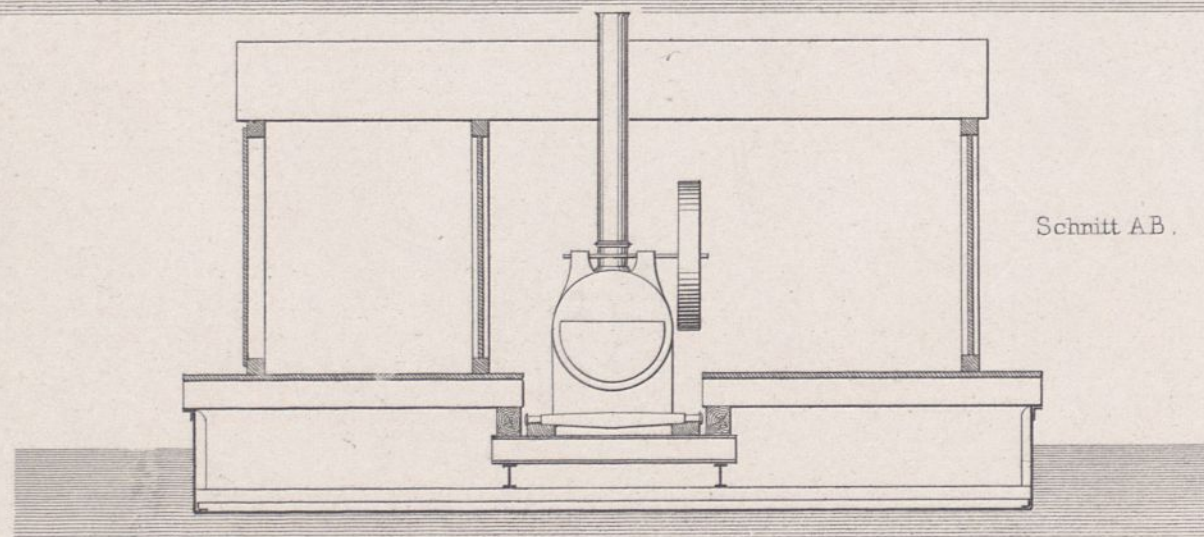


Taucher-Apparat der K. Elbstrombau-Verwaltung zu Magdeburg.

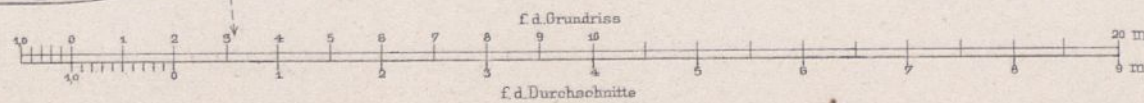
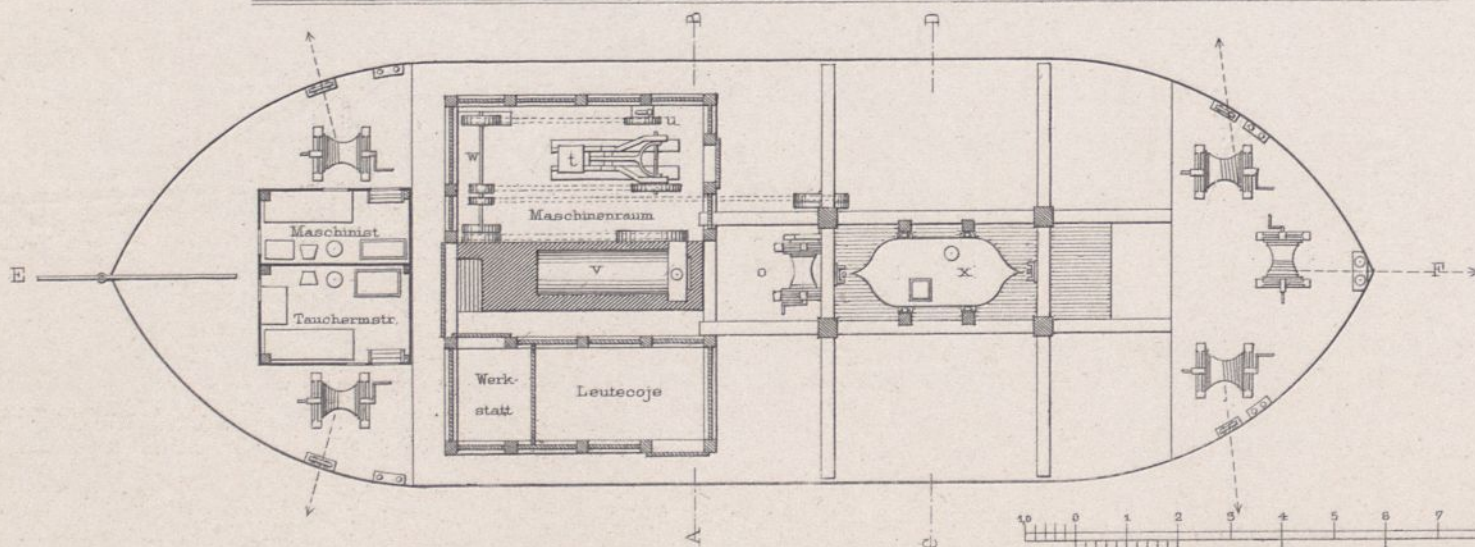
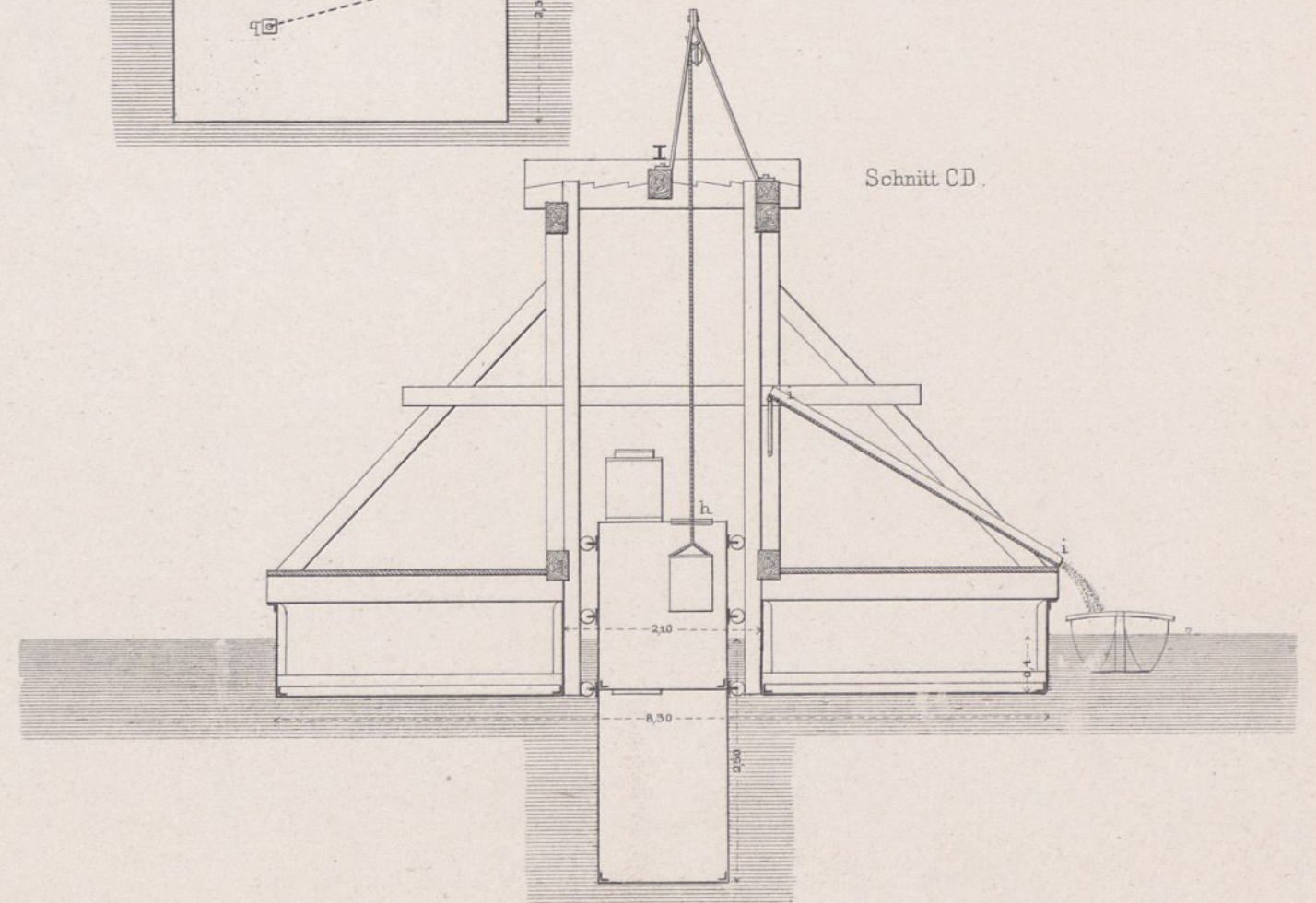
Schnitt E F.



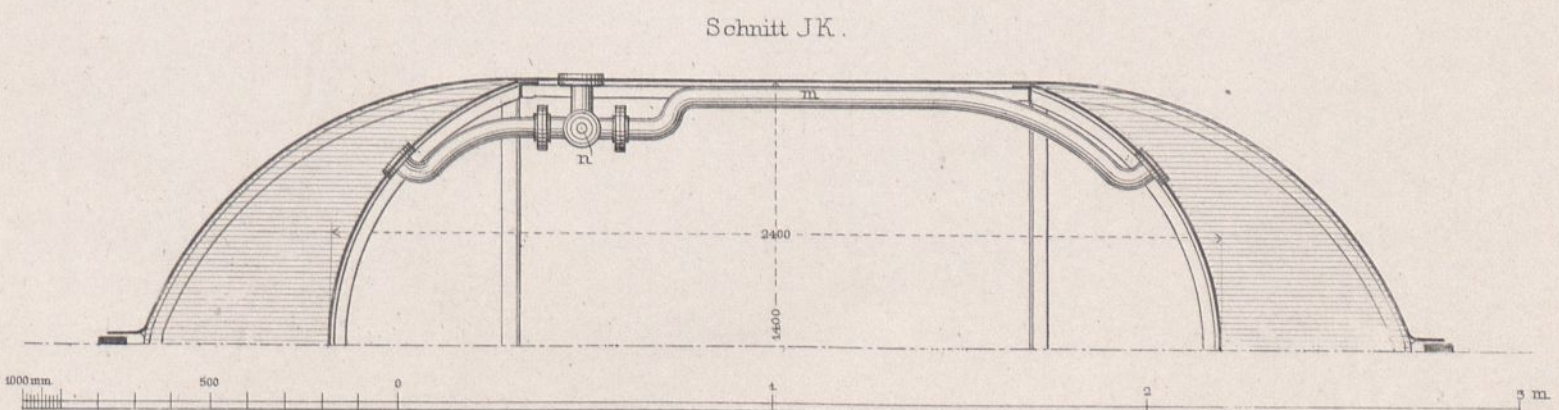
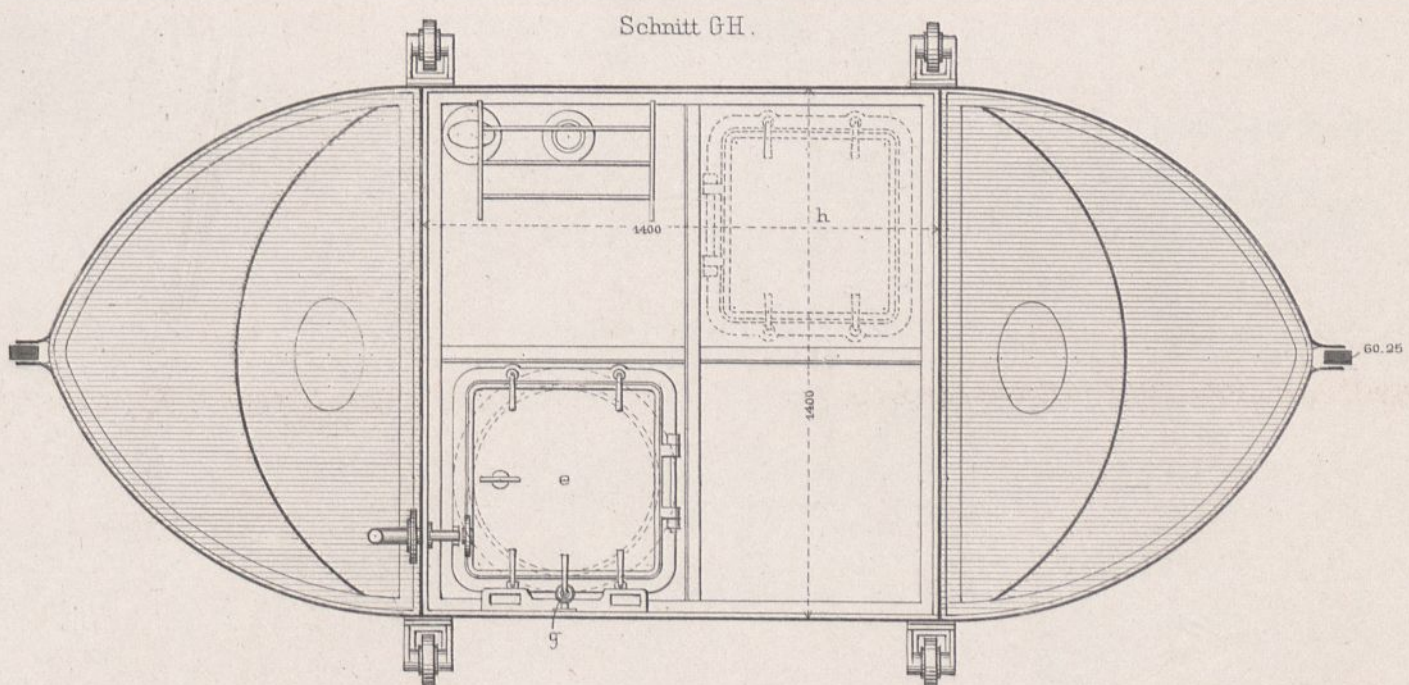
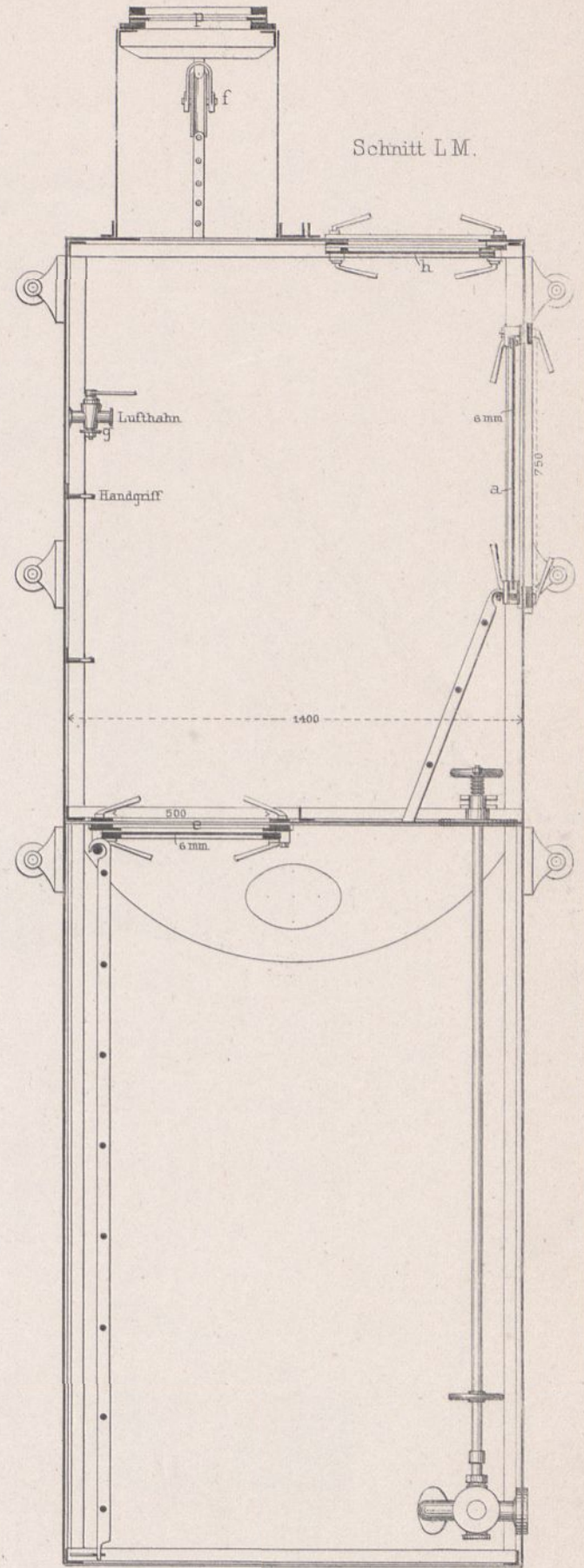
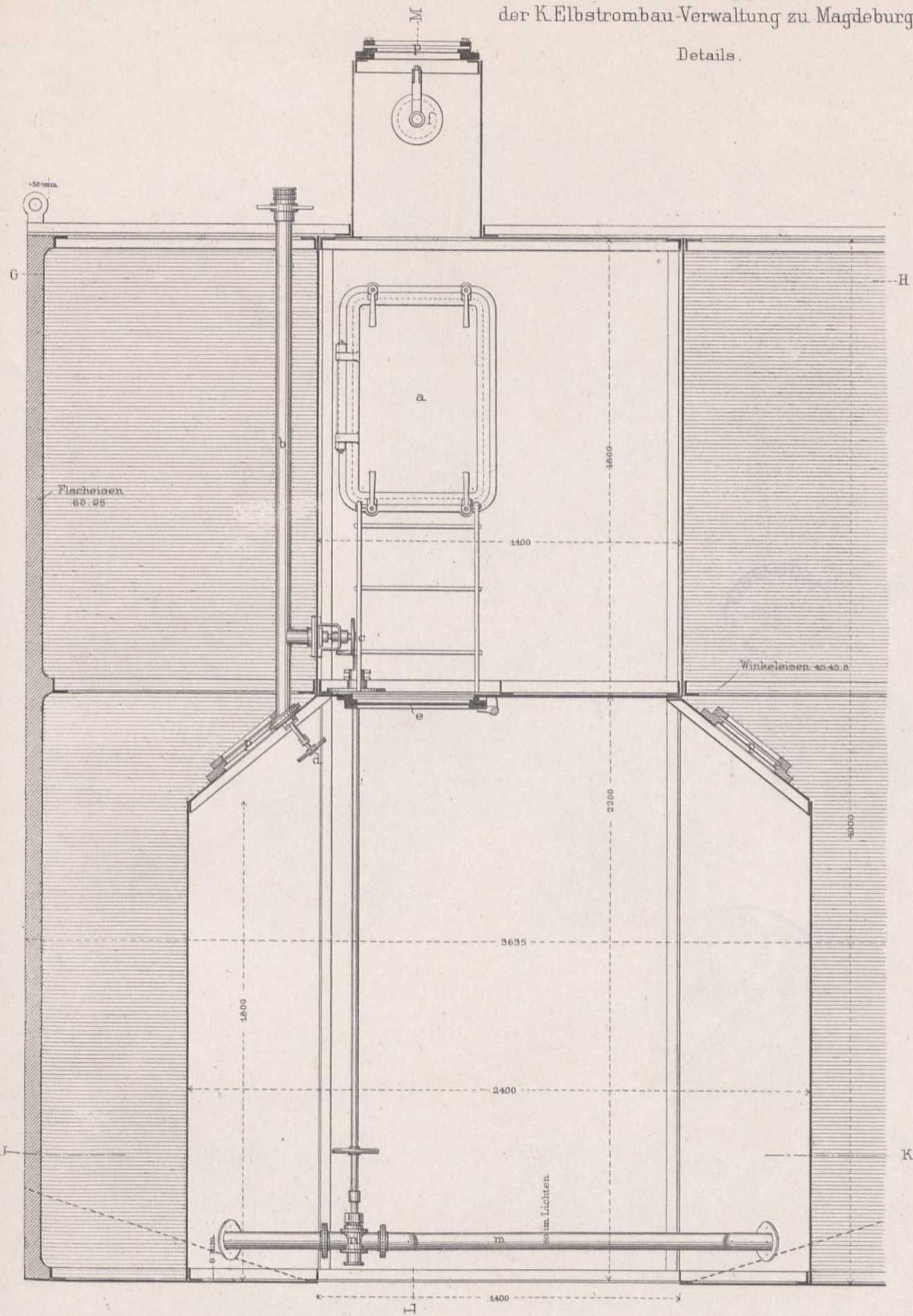
Schnitt A B.



Schnitt C D.

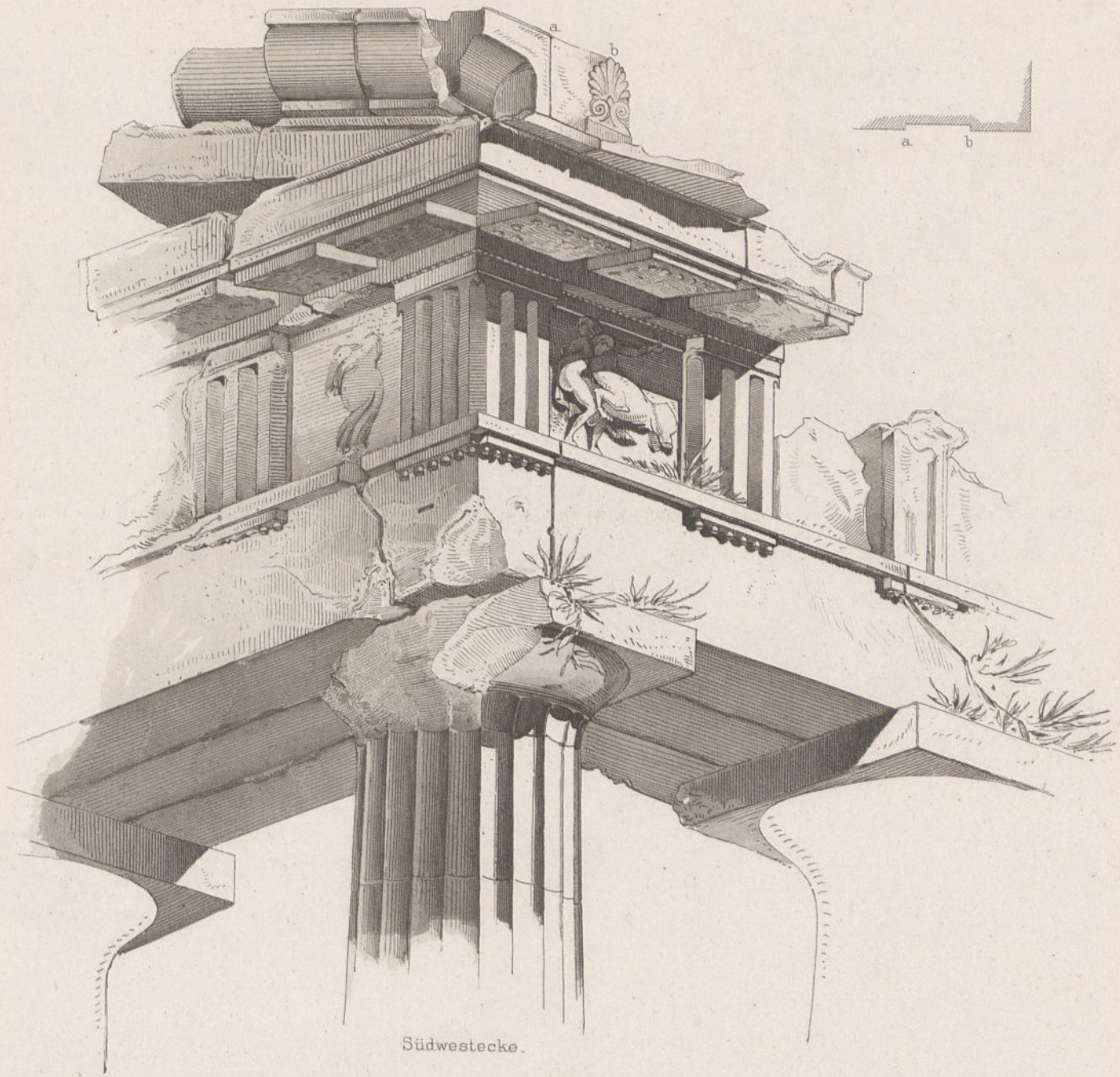


Details.



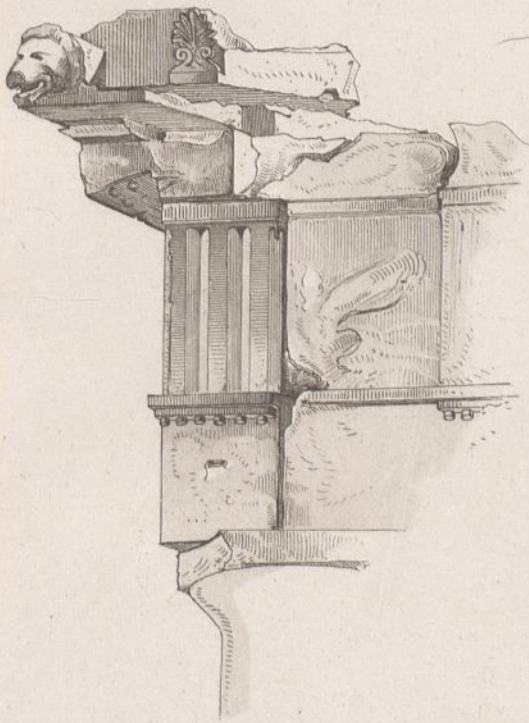
(Tafel III)

Parthenon.

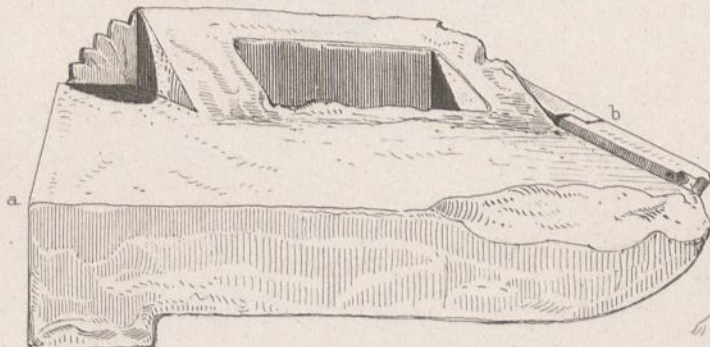
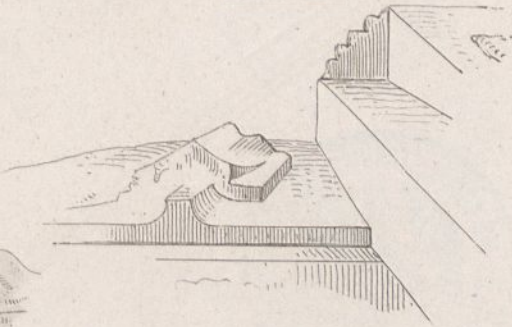
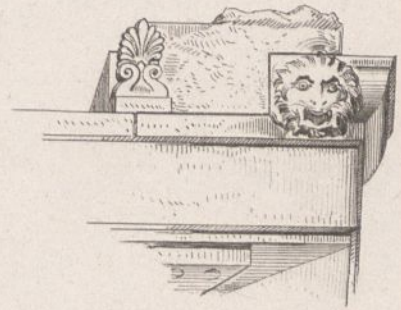


Südwestecke.

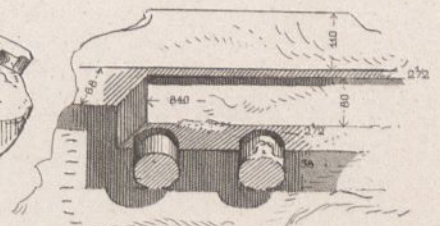
Nordostecke.



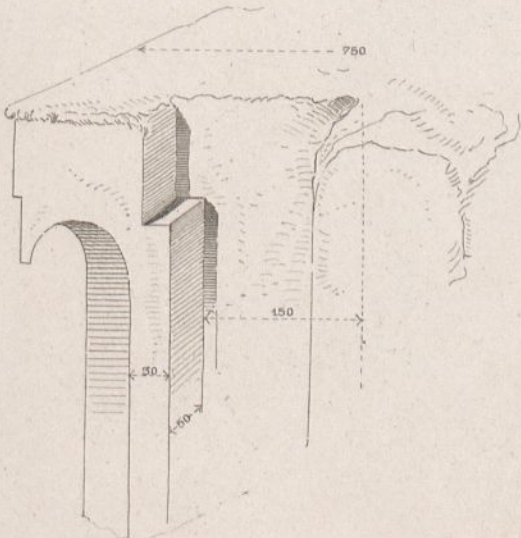
Nordwestecke.



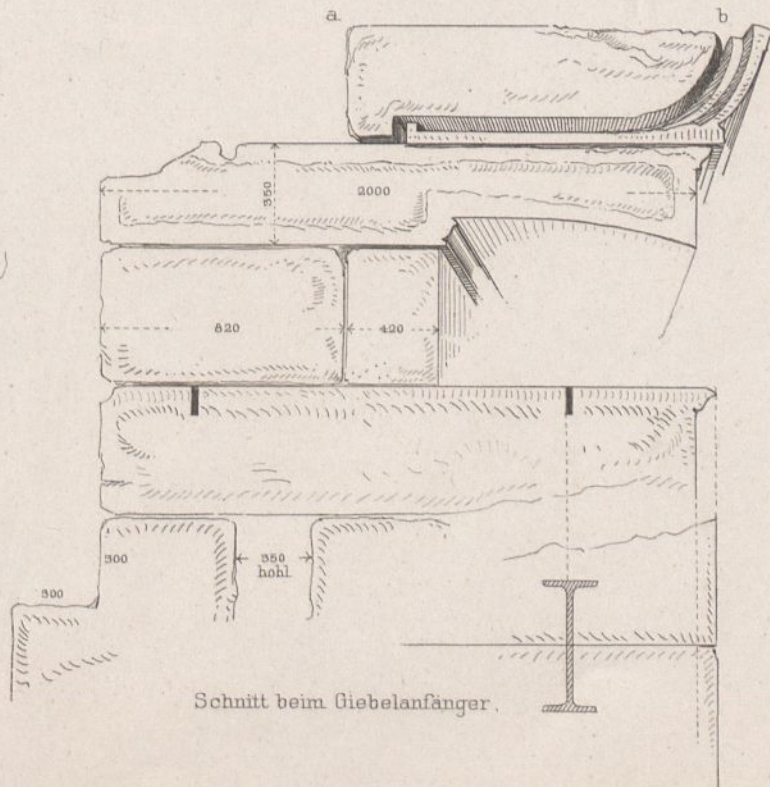
Giebeleckstein mit angearbeitetem Akroterienuntersatz.



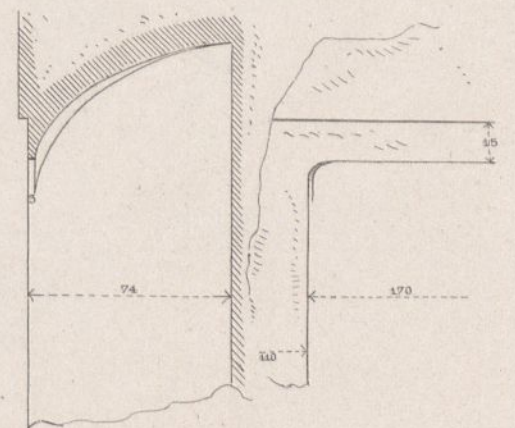
Tropfenregula.



Triglyphe. Sootia u. Falz für Metope.



Schnitt beim Giebelanfänger.

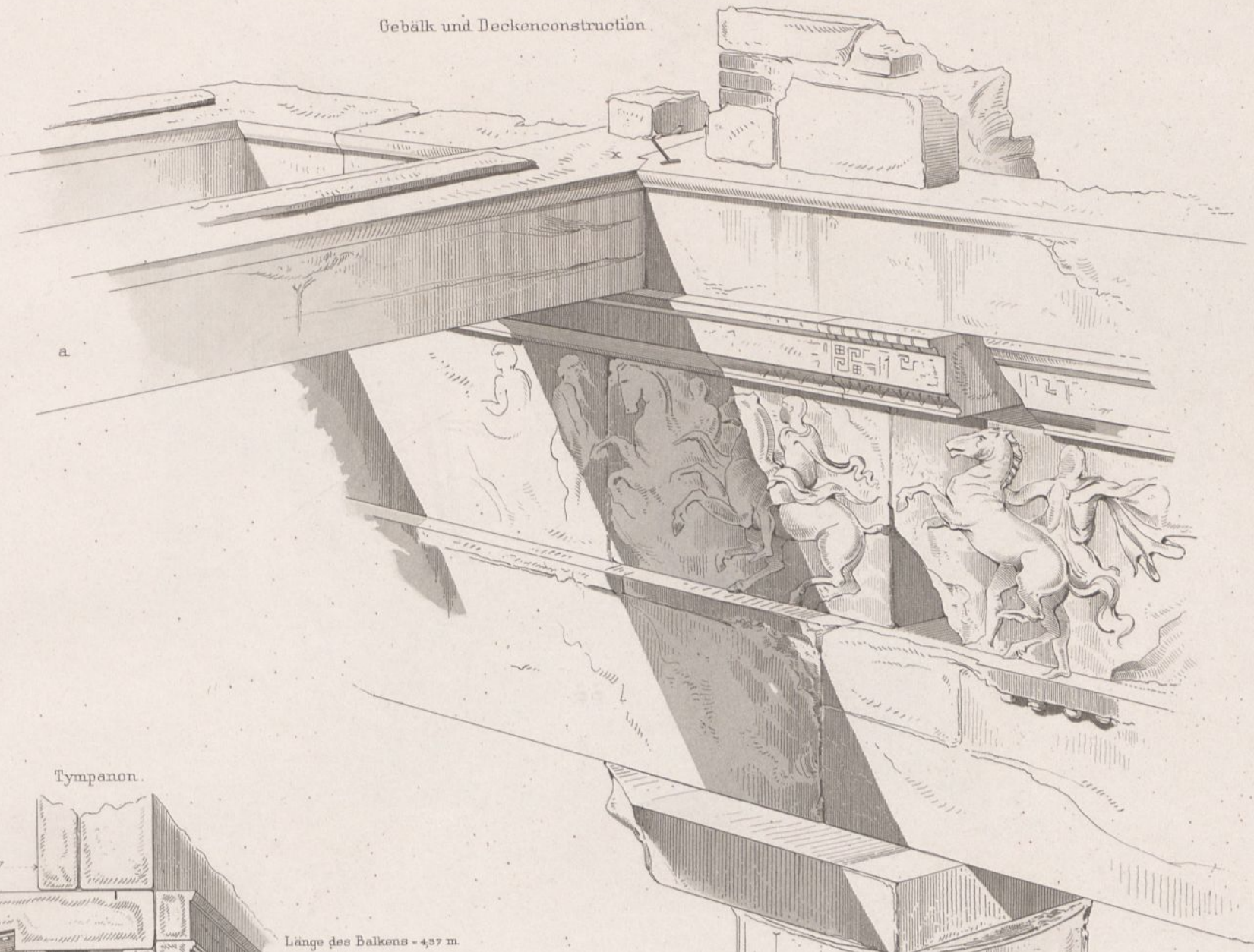


Schluss u. Scotia einer Triglyphe.

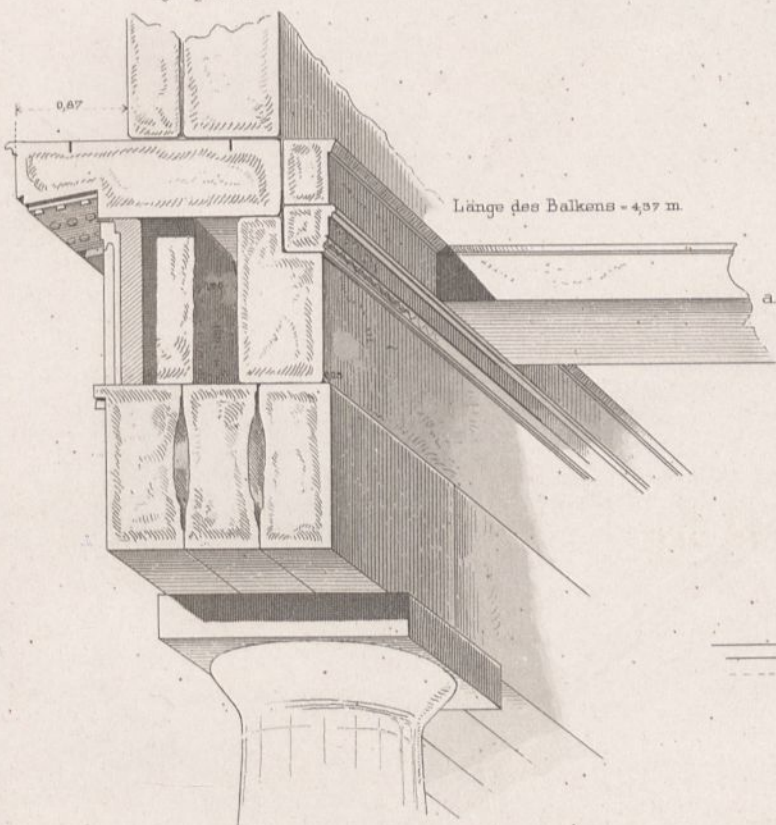
(Tafel IV)

Parthenon.

Gebälk und Deckenconstruction.

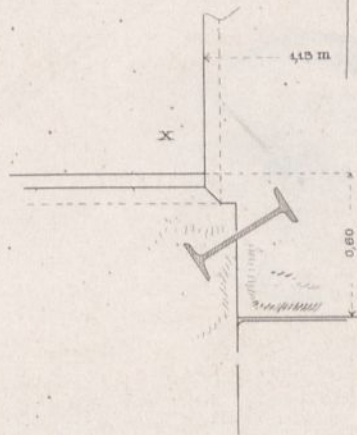


Tympanon.



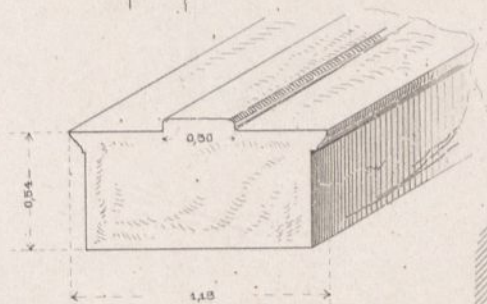
Länge des Balkens - 4,37 m.

Schnitt fg.

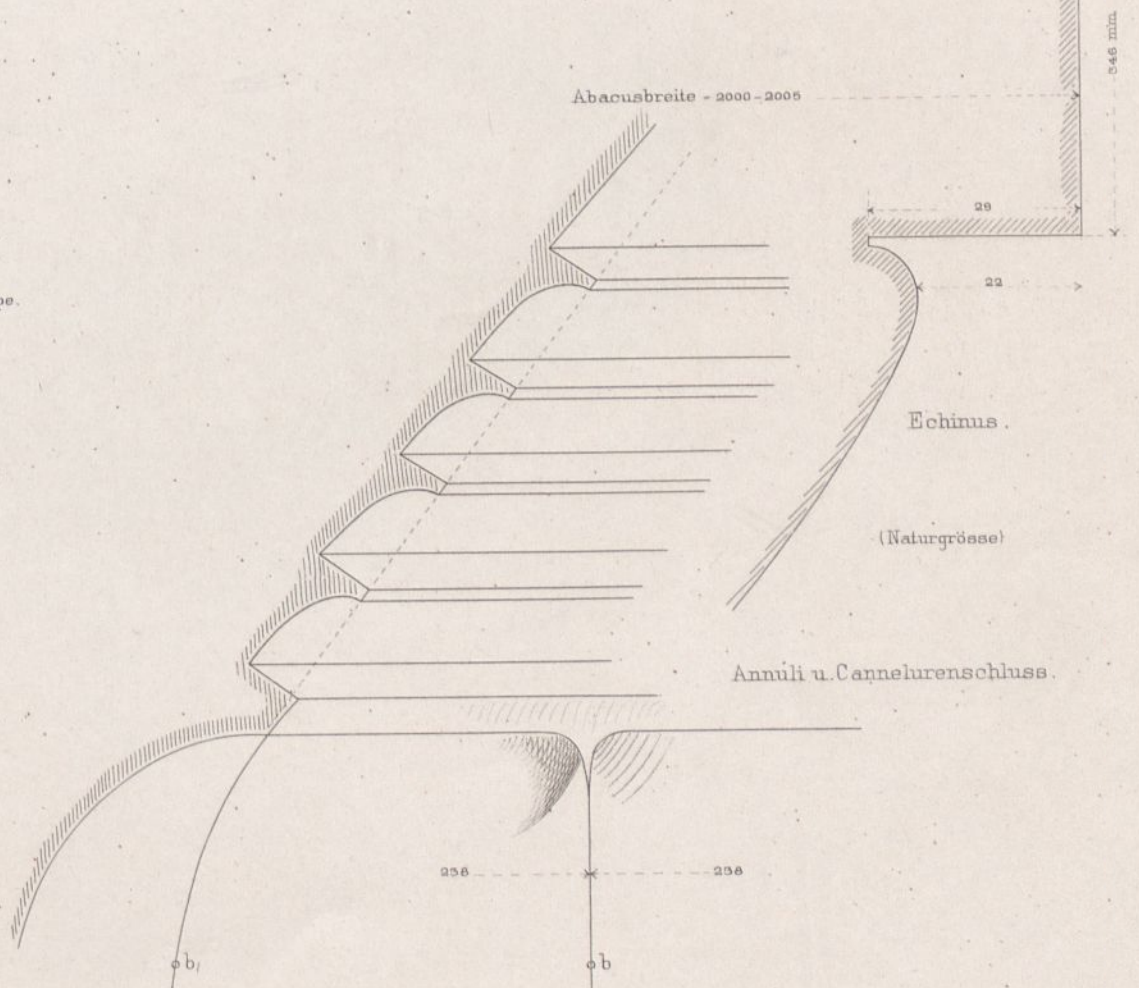
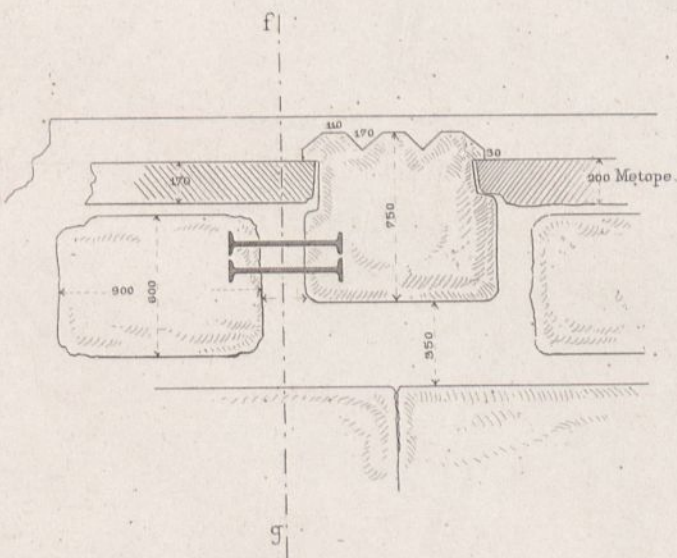


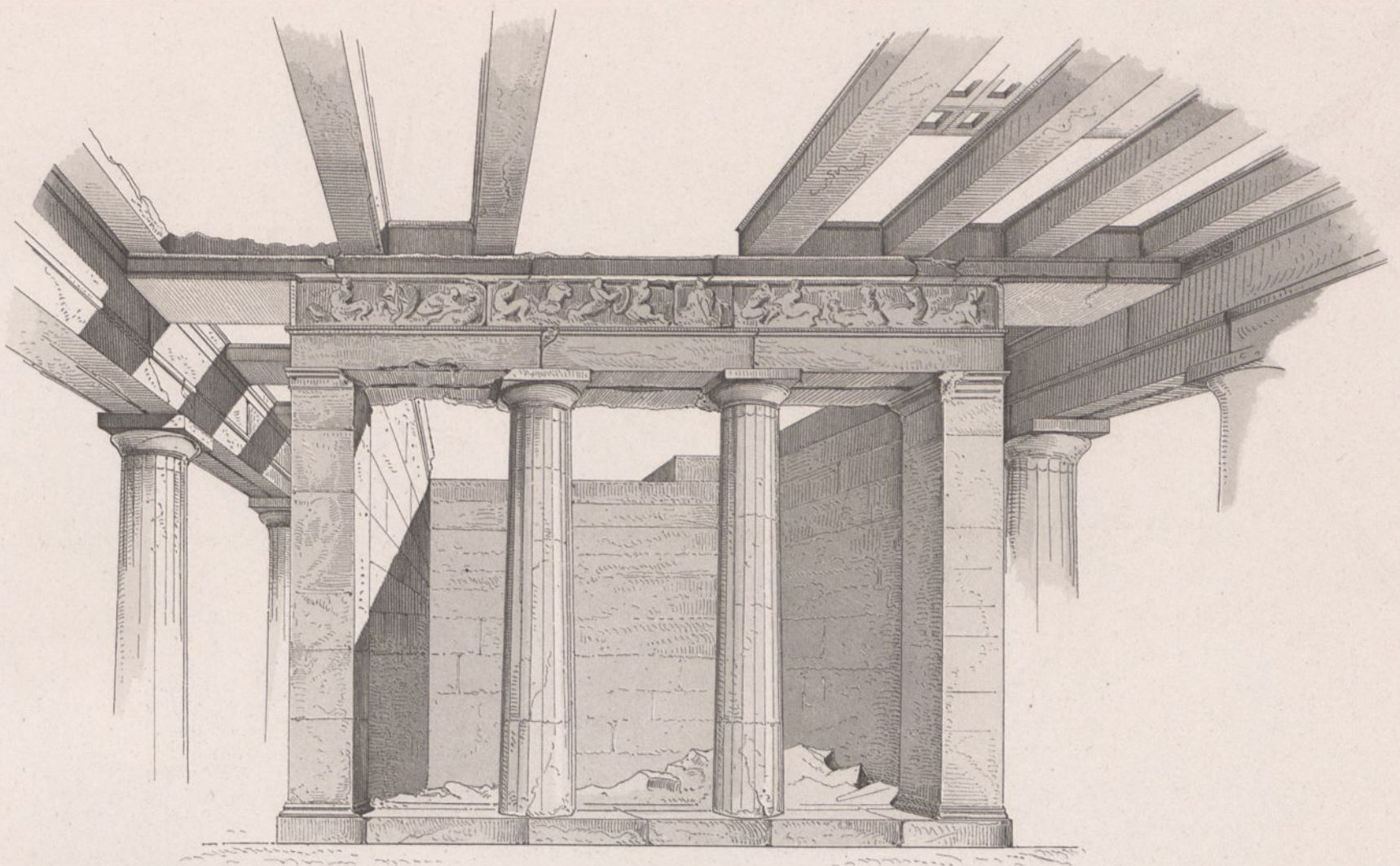
Auflager - 0,60 des Balkens

Querschn. d. Balkens a.

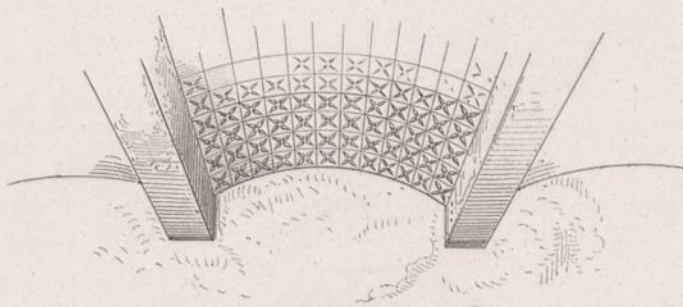
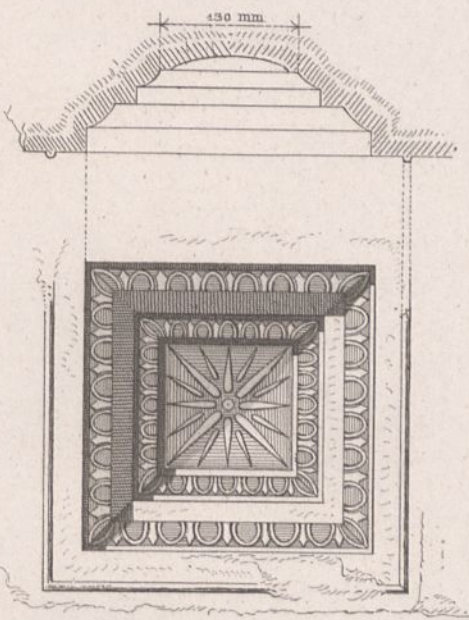


Abacusbreite - 2000-2005

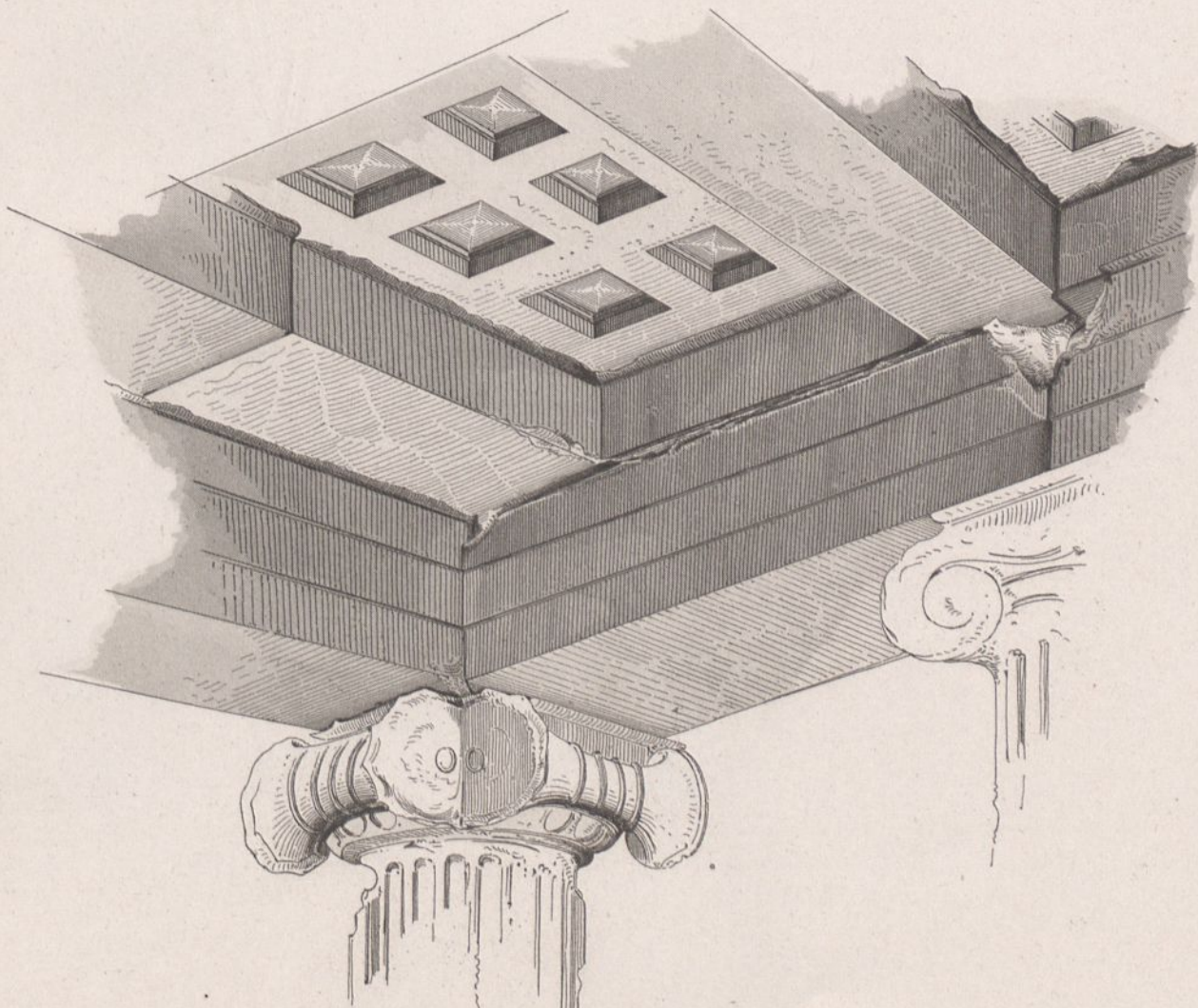
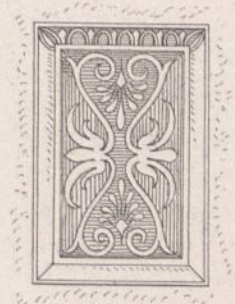




Deckenconstruction des Theseion in Athen.

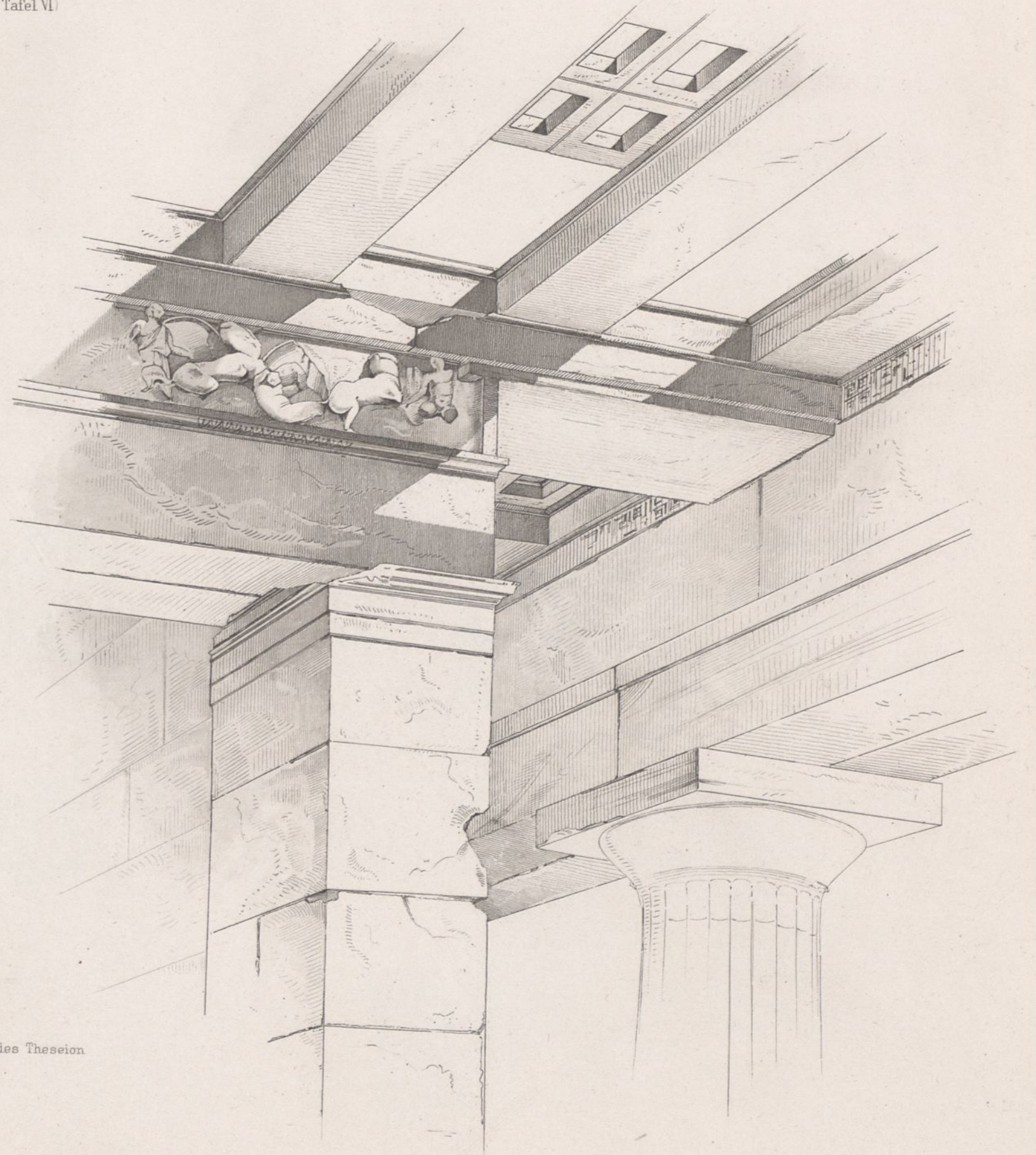
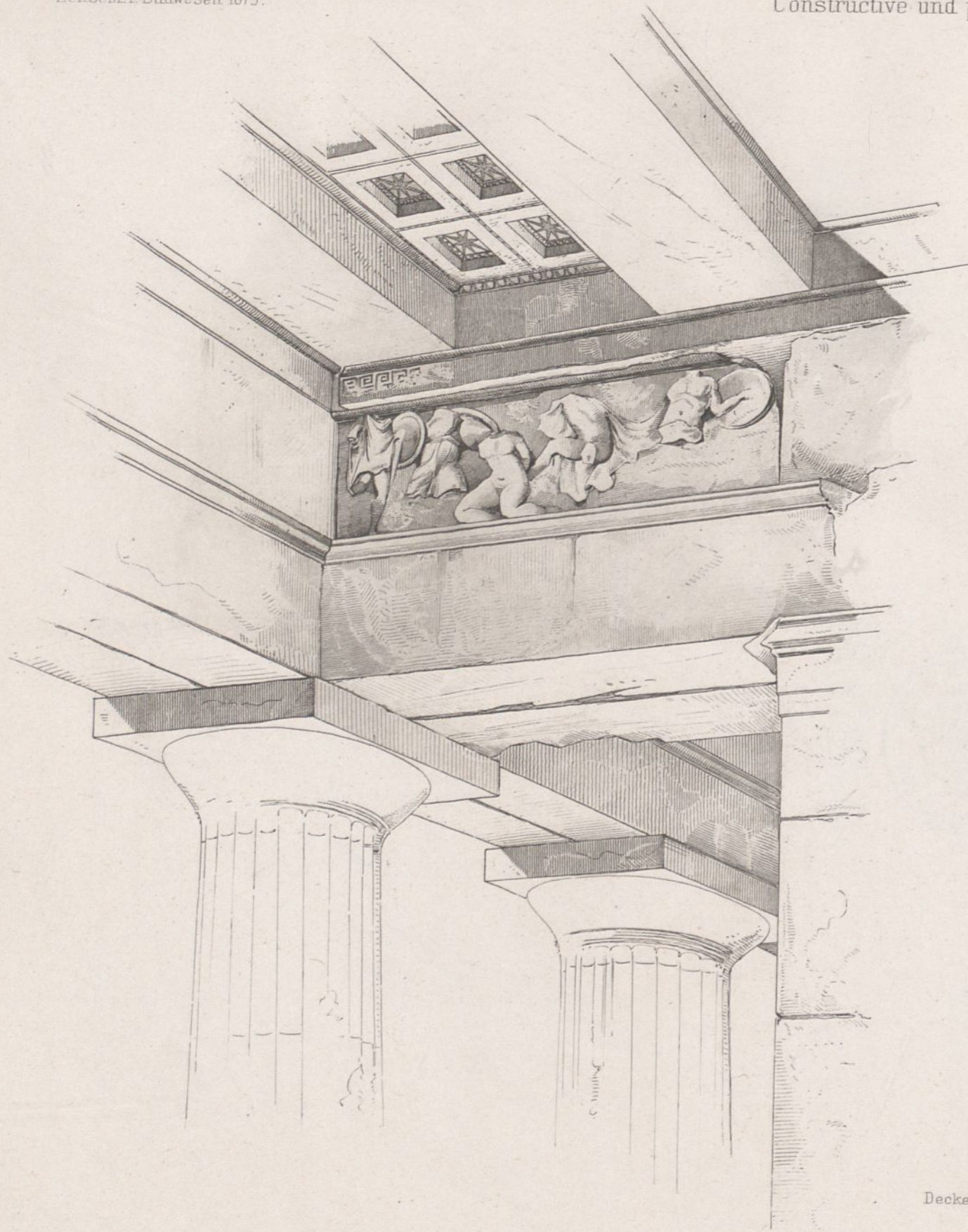


Aus dem Fels gehauene und bemalte Decke einer Grabkammer in Beni-Hassan.



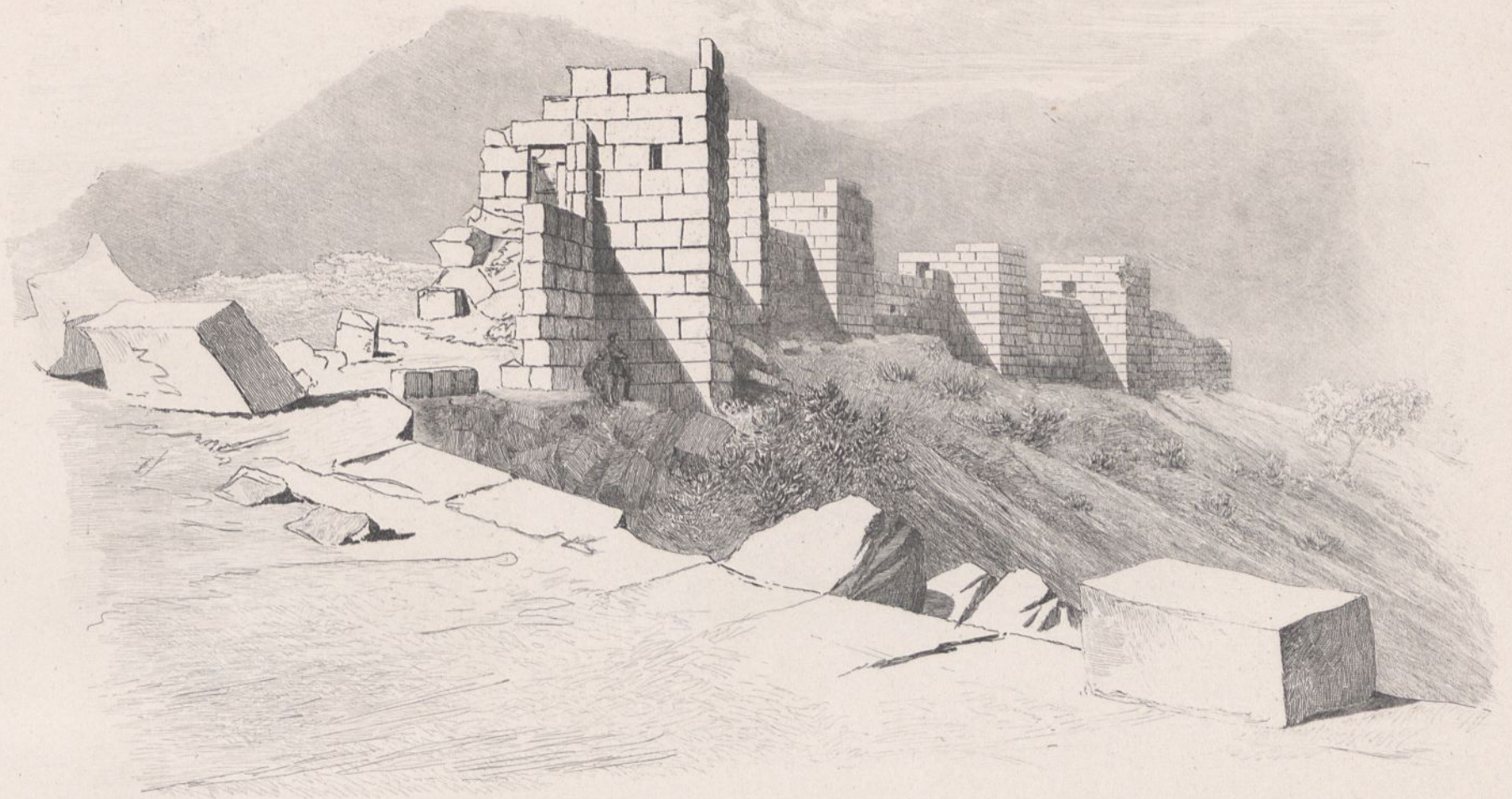
Deckenconstruction des Tempels der Nike apteros.

(Tafel VI)

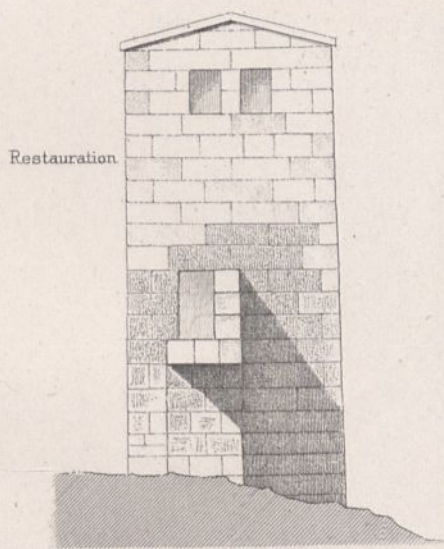


Deckenconstruction des Theseion
in Athen.

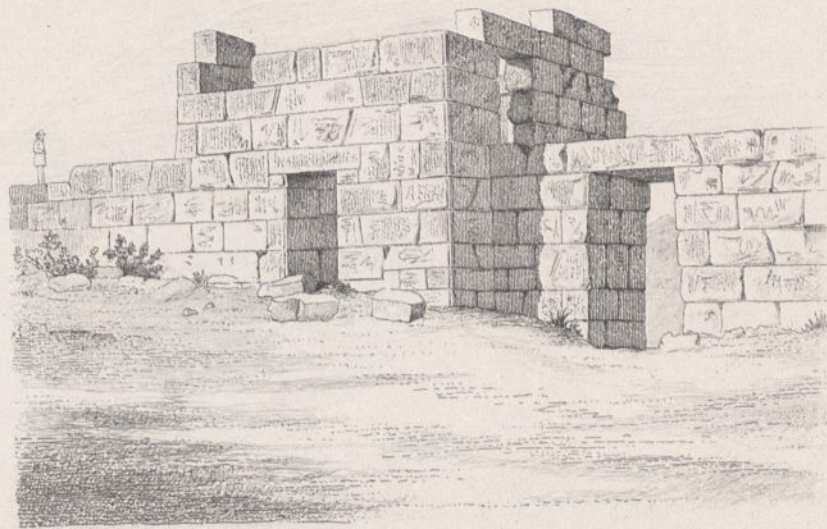
Ernst & Korn. Berlin.



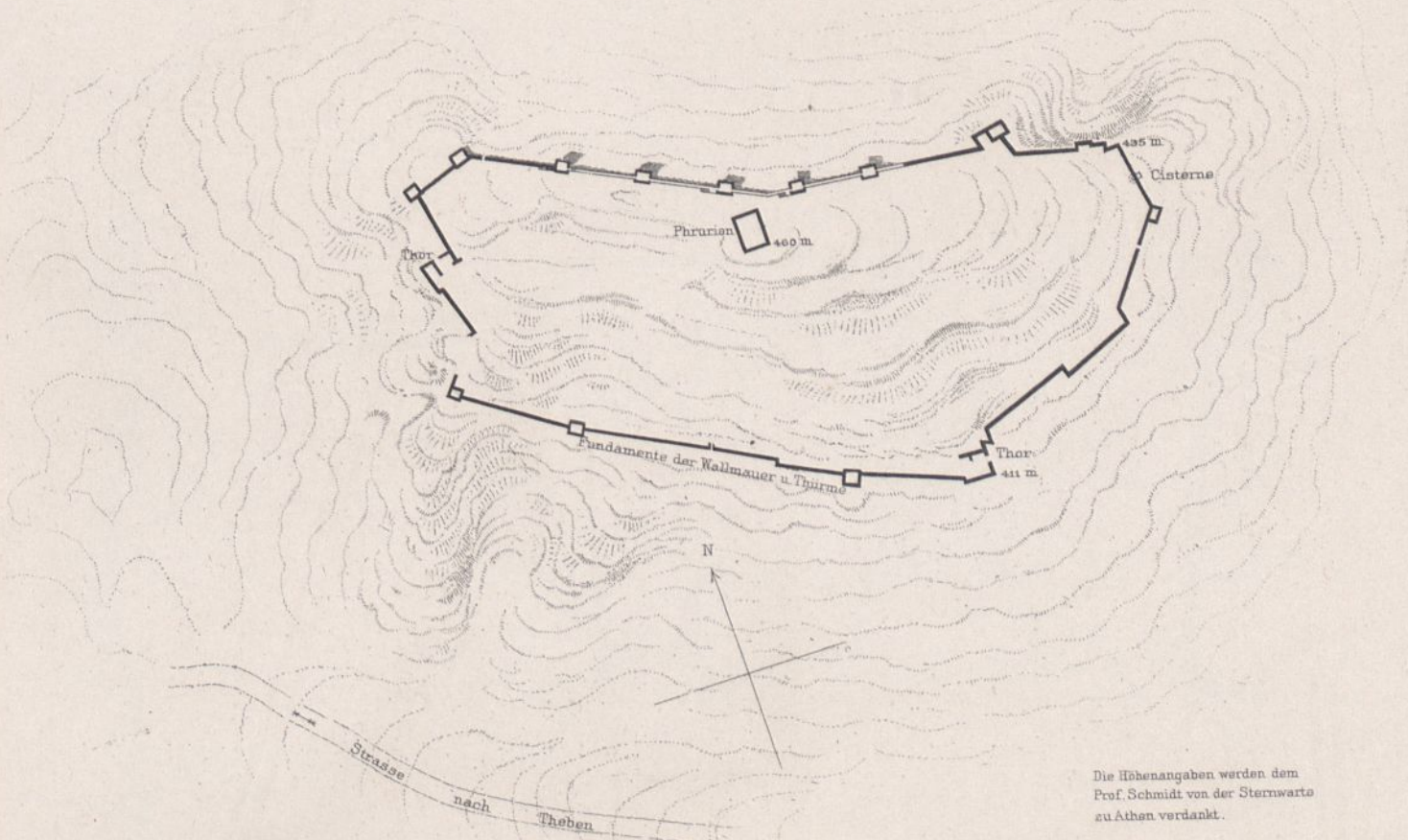
Nordfront von Eleutheræ.



Schnitt durch d. Mauer mit restaurirtem Thurm.



Thurm von der Innenseite mit Pfortchen u. Wallgang.



Die Höhenangaben werden dem Prof. Schmidt von der Sternwarte zu Athen verdankt.

0 50 100 m

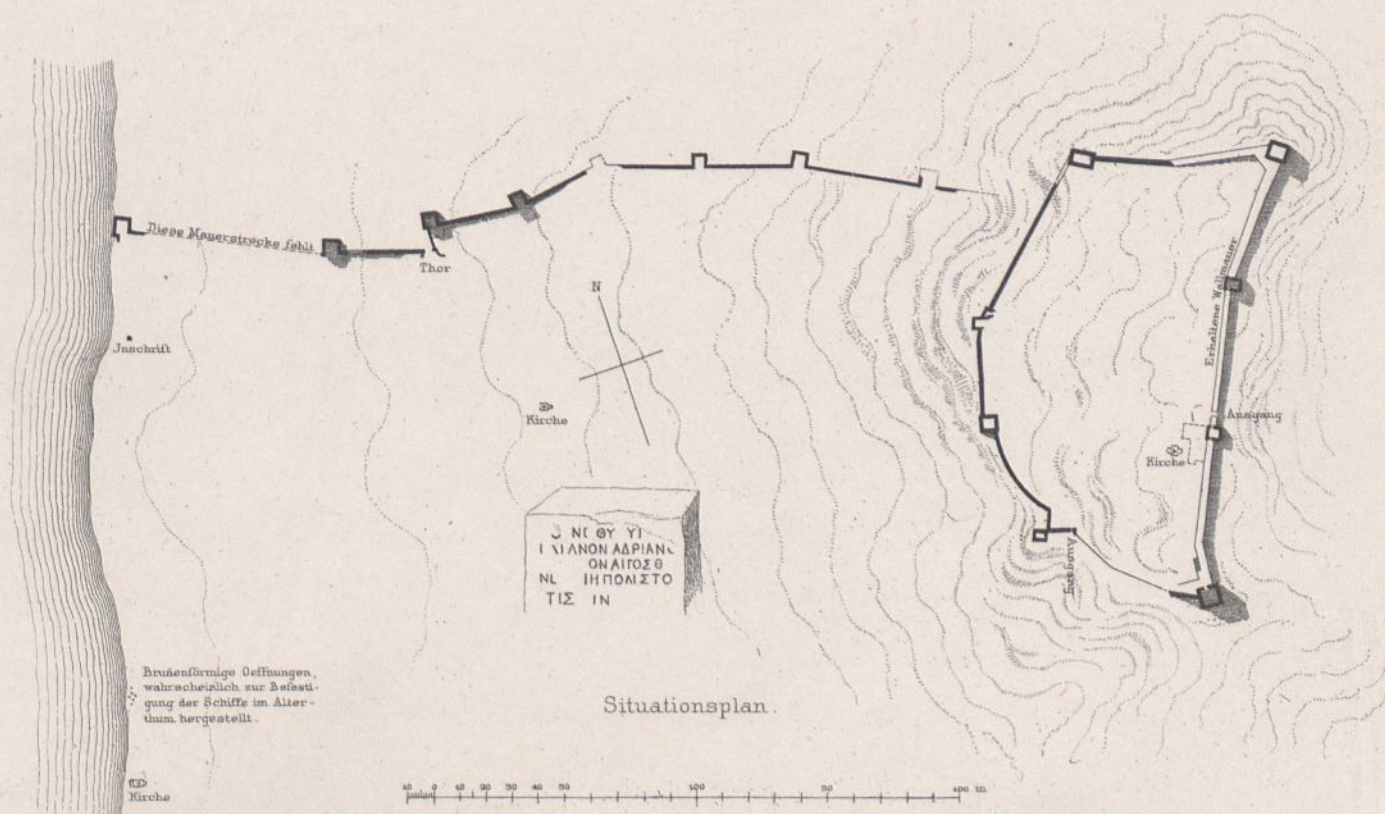
Ernst & Korn. Berlin.



Ansicht von dem Wege nach Vilia.



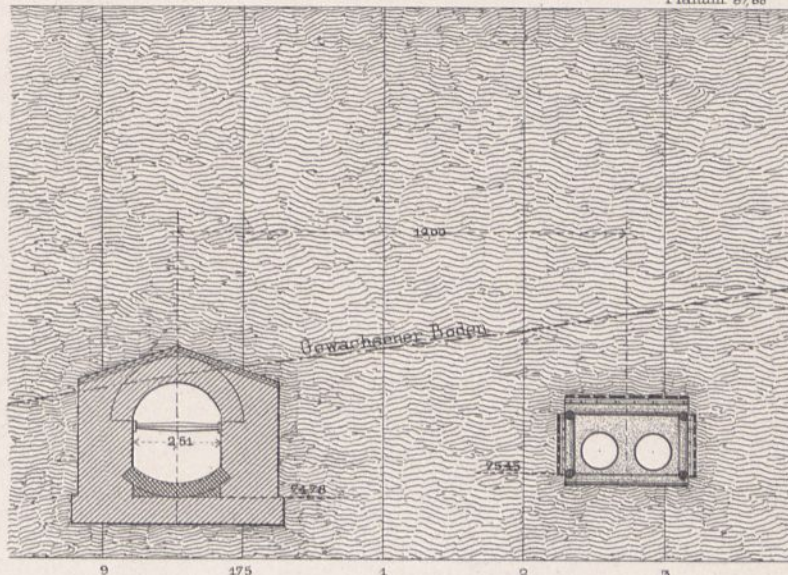
Südost-Thurm.



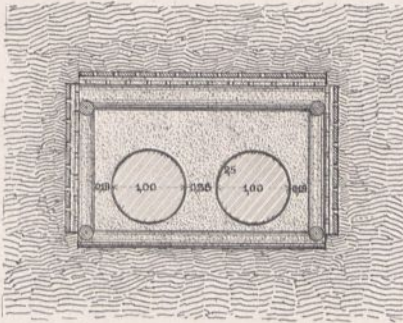
Situationsplan.

Schnitt AB.

Planum 67,66

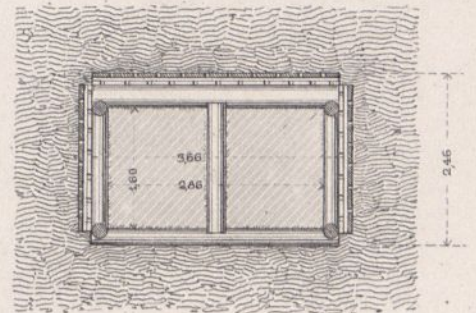


Querschn. d. Röhrendurchlasses



n. d. Ausführung.

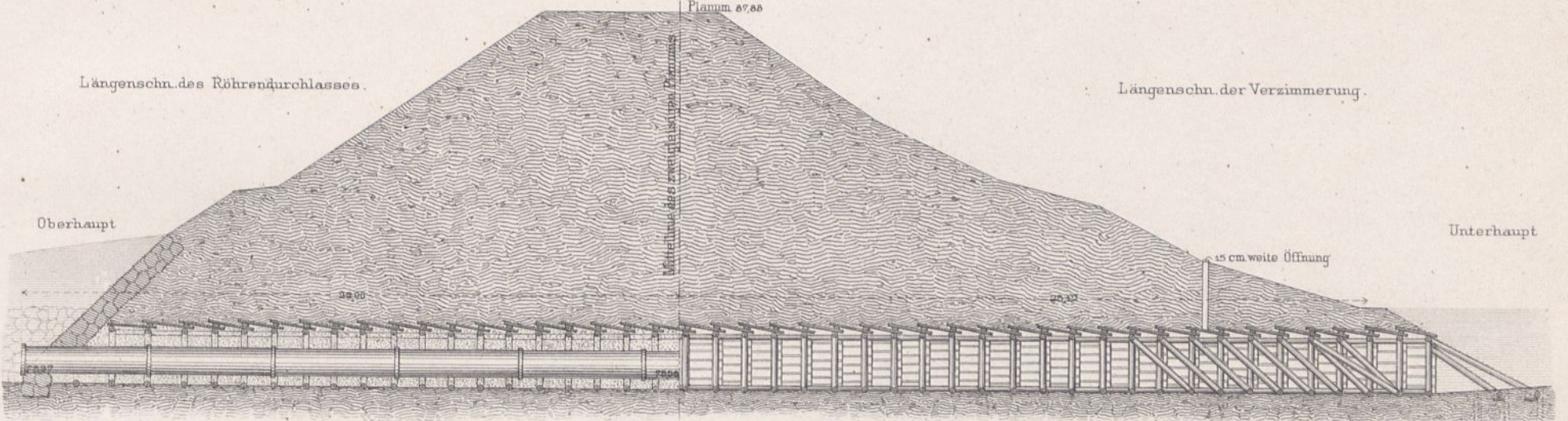
Querschn. d. Verzimmerung



n. d. Ausführung.

Schnitt C.D.

Planum 67,66

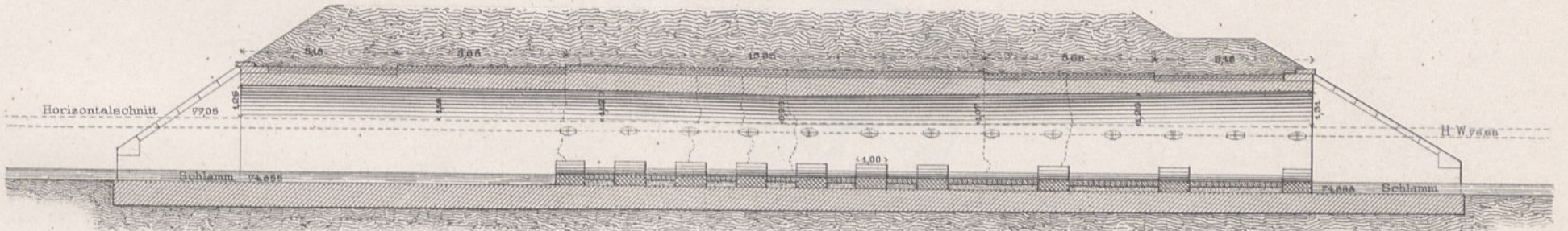


Längenschn. des Röhrendurchlasses.

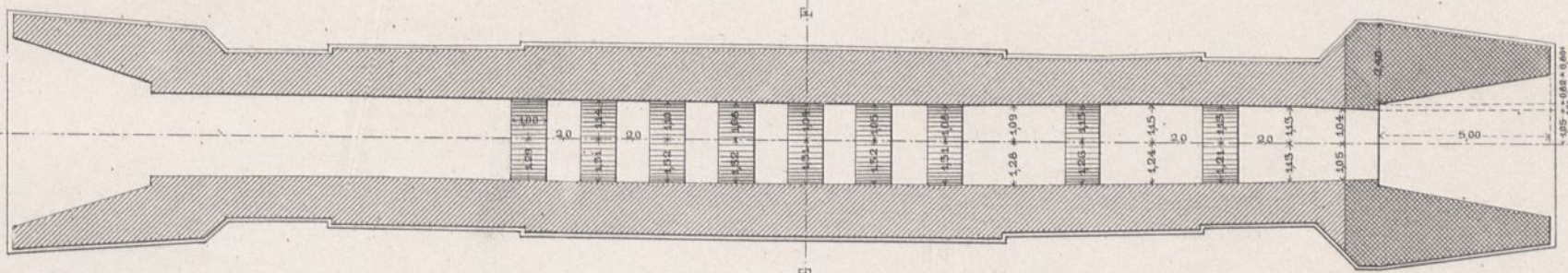
Längenschn. der Verzimmerung.

Reconstruction des alten Durchlasses.

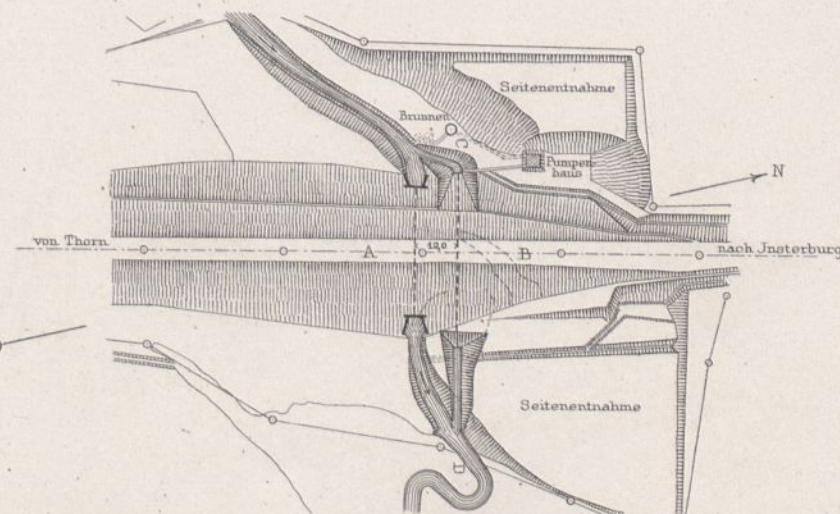
Längenschnitt.



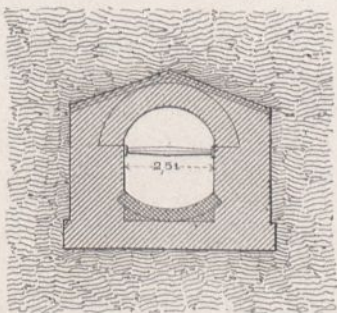
Grundriss.



Situation.

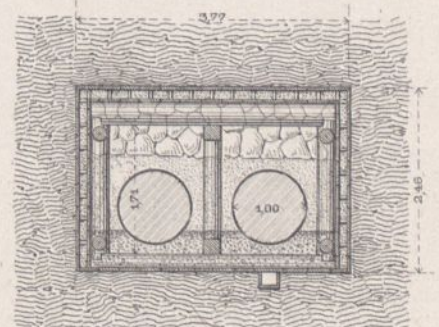


Querschn. E F

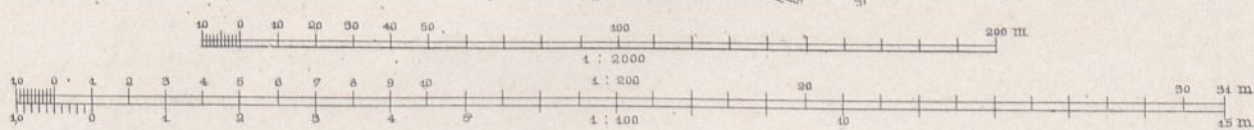


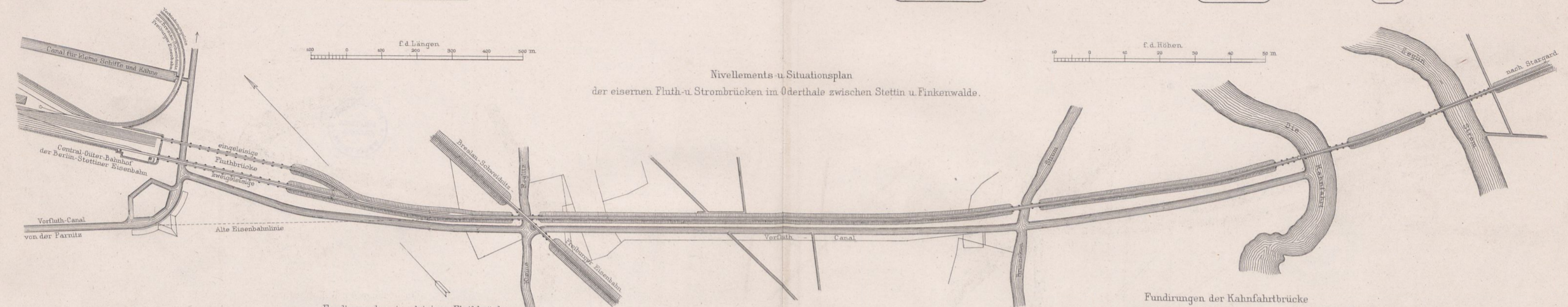
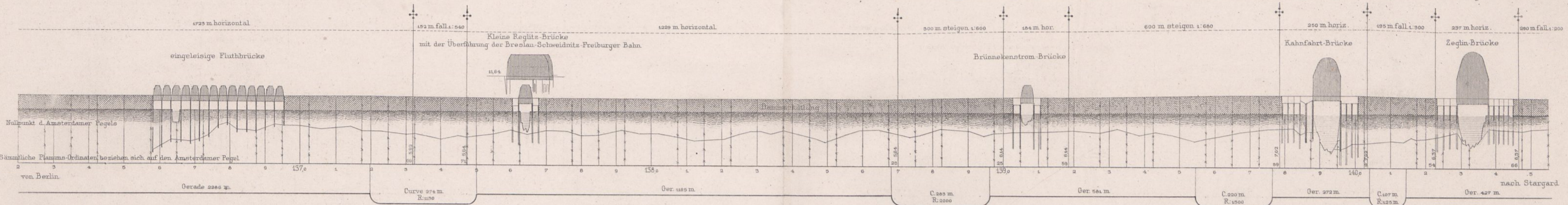
des rekonstruirten alten Durchlasses.

Querschn. d. Verzimmerung u. d. Röhrendurchlasses



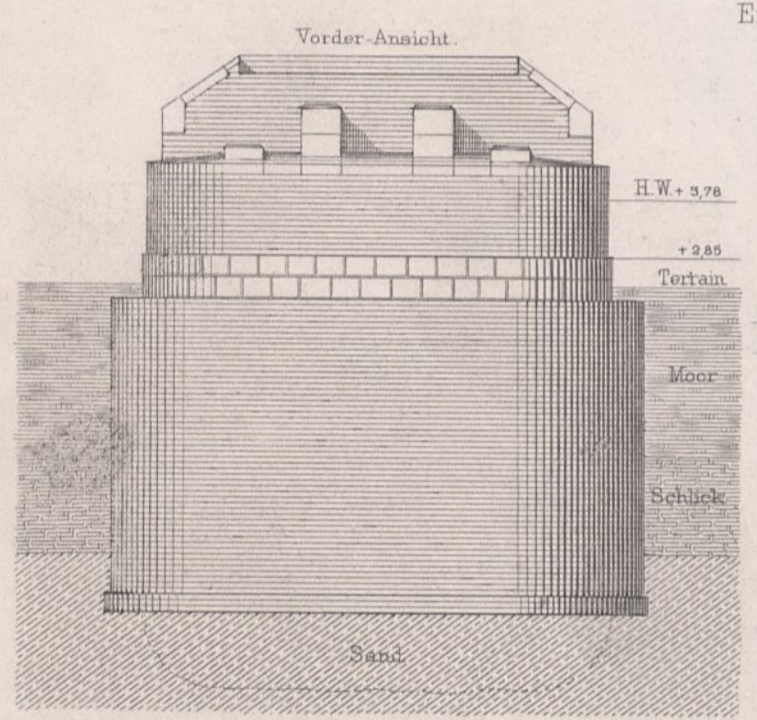
nach dem genehmigten Project.



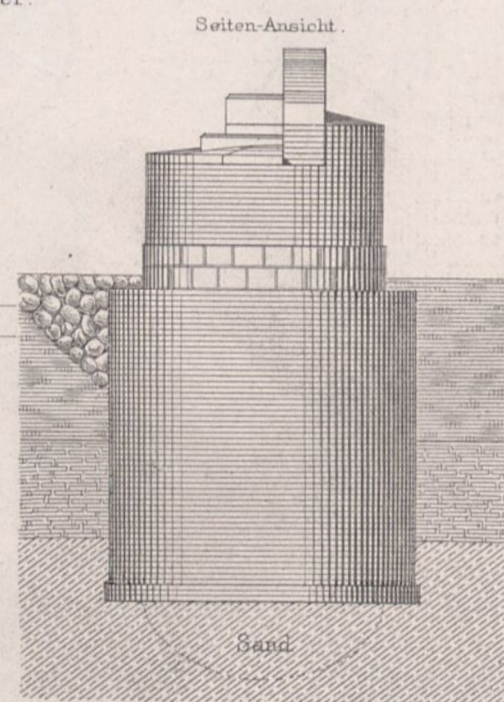


Nivellements- u. Situationsplan der eisernen Fluth- u. Strombrücken im Oderthale zwischen Stettin u. Finkenwalde.

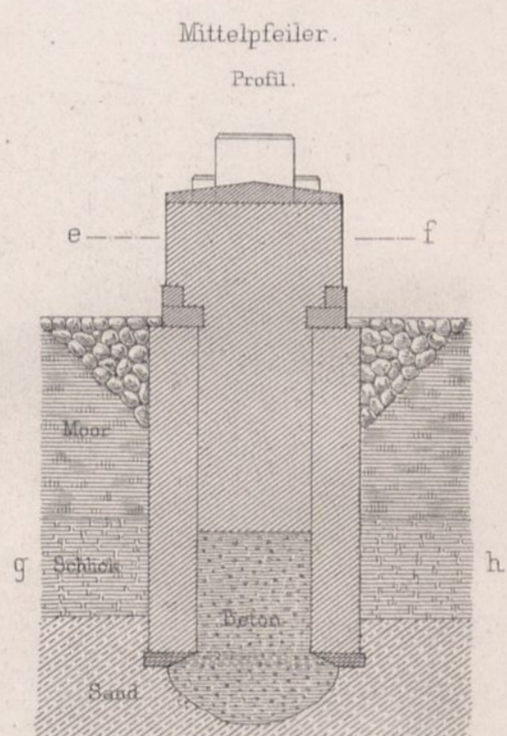
Fundirung der eingleisigen Fluthbrücke.



Endpfeiler.

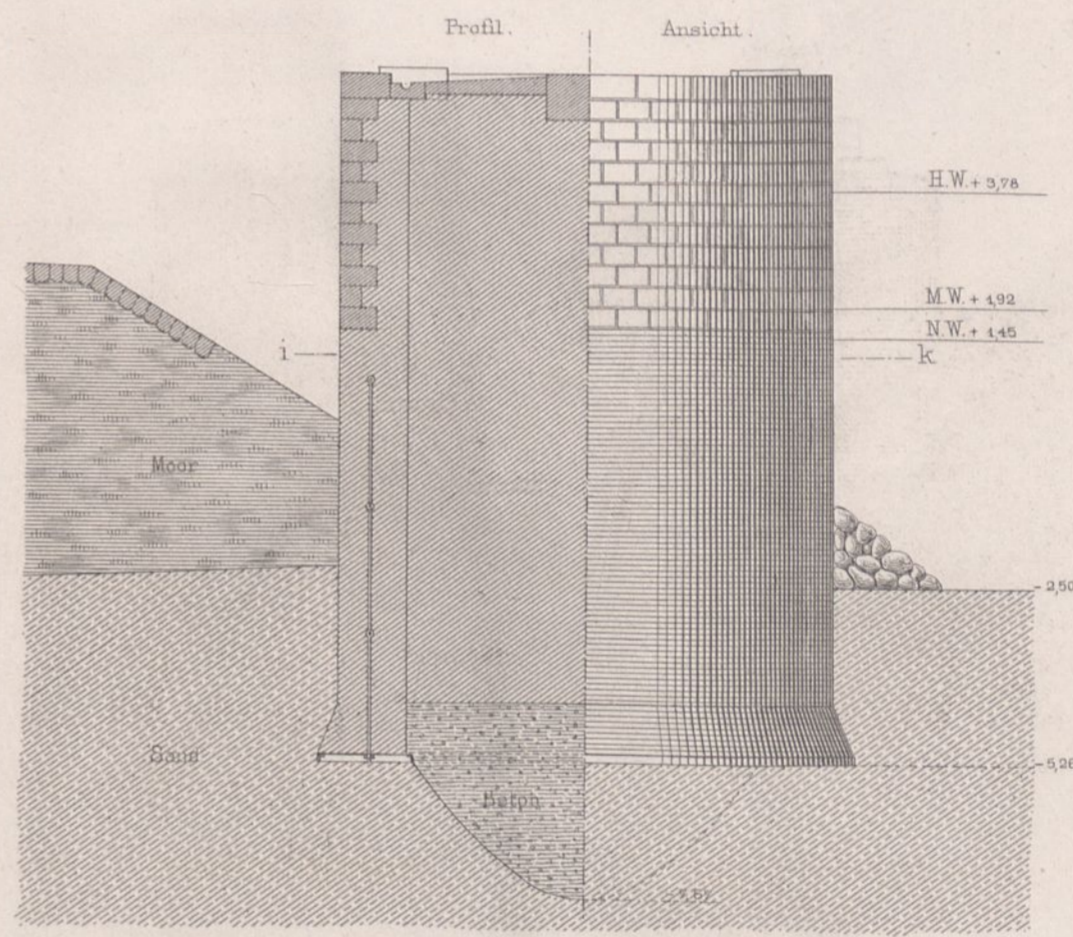


Seiten-Ansicht.



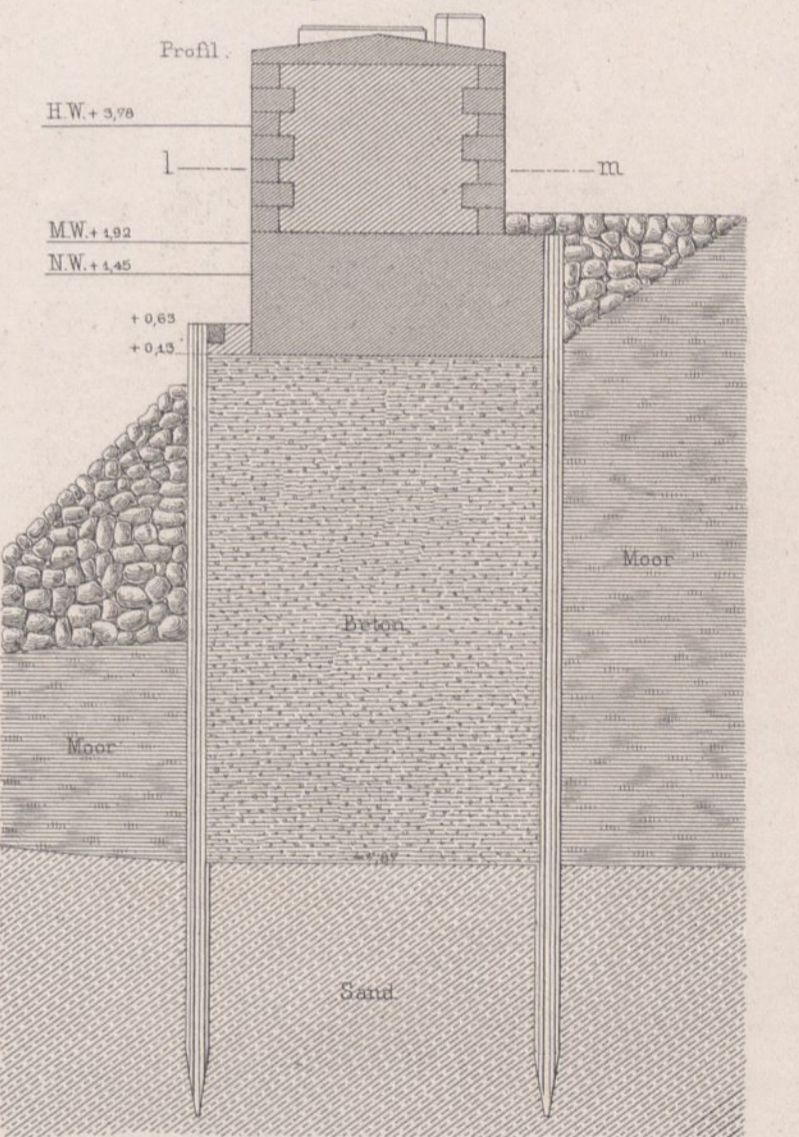
Mittelpfeiler.

Profil.



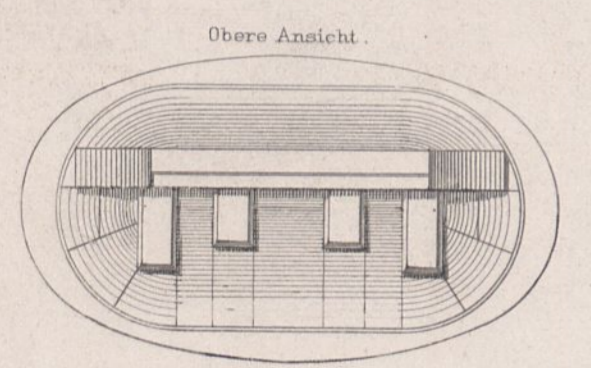
Drehpfeiler.

Profil. Ansicht.

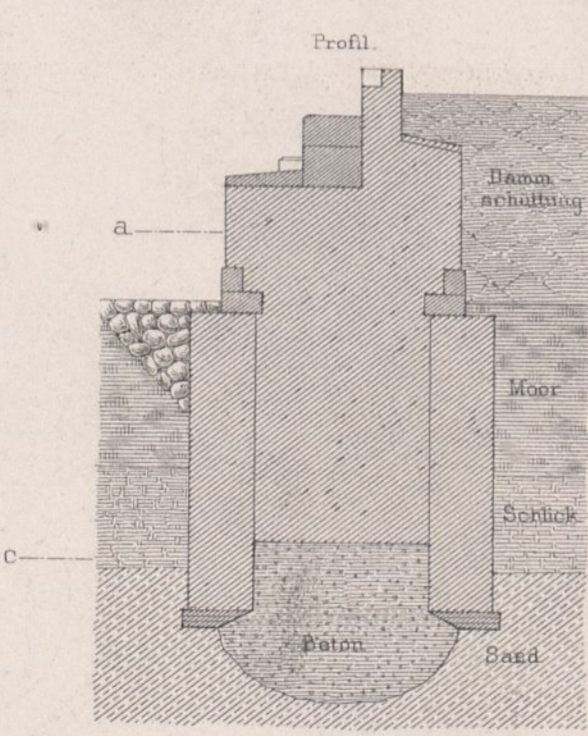


Rechter Uferpfeiler der Strombrücke.

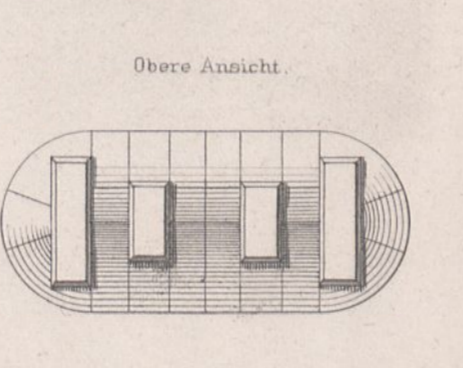
Profil.



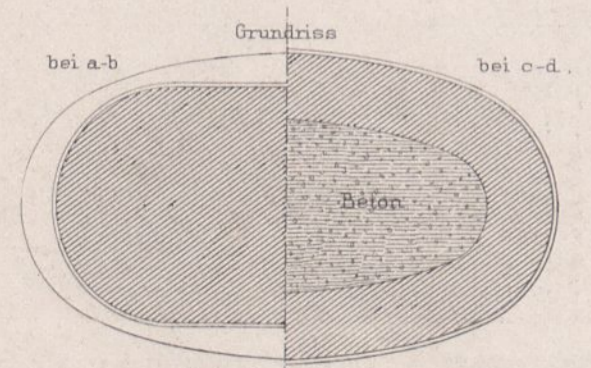
Obere Ansicht.



Profil.

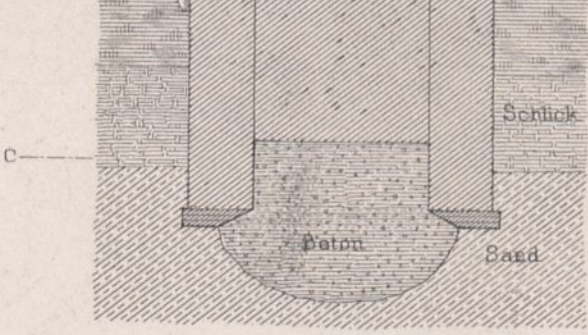


Obere Ansicht.



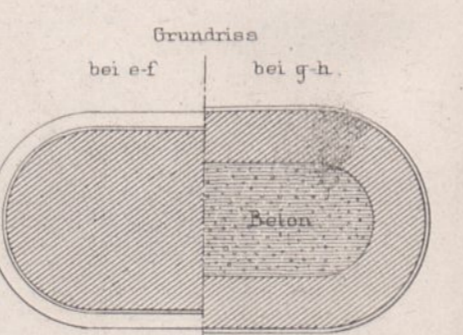
Grundriss bei a-b.

bei c-d.

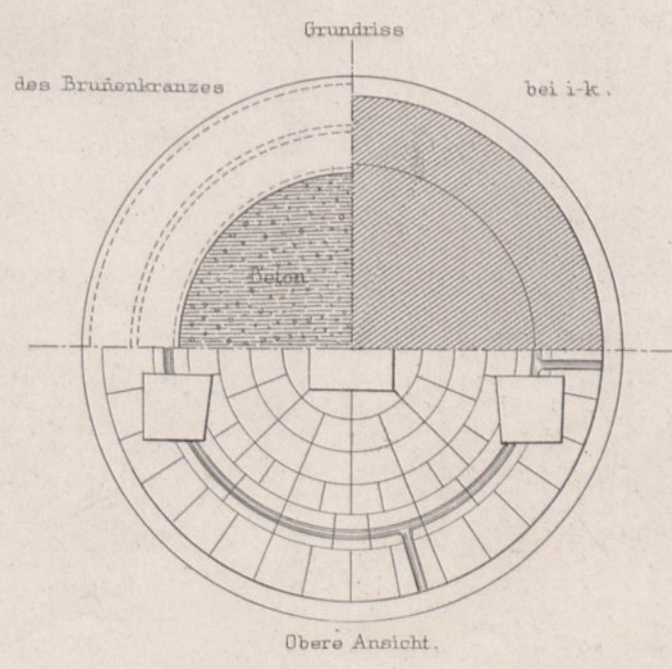


Grundriss bei e-f.

bei g-h.

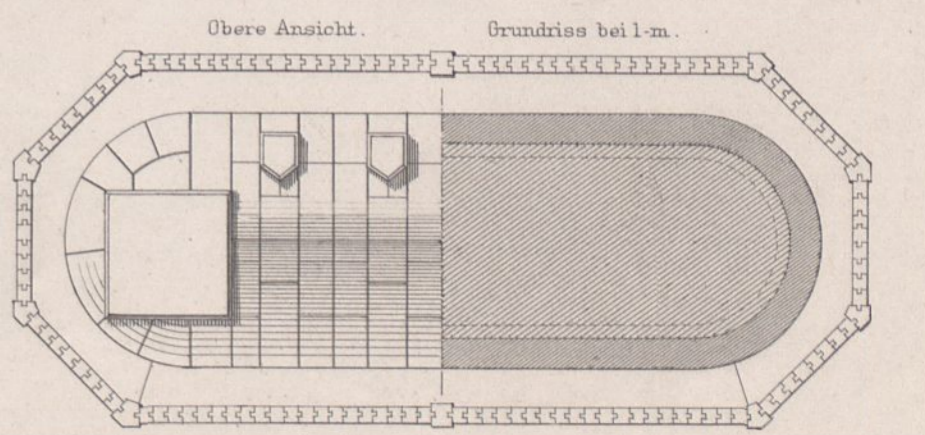


Grundriss bei g-h.



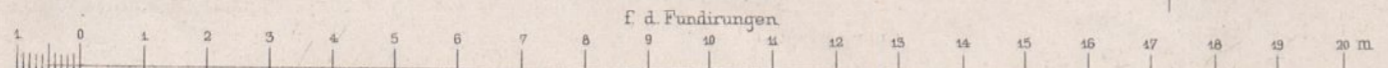
Grundriss des Brückenkranzes bei i-k.

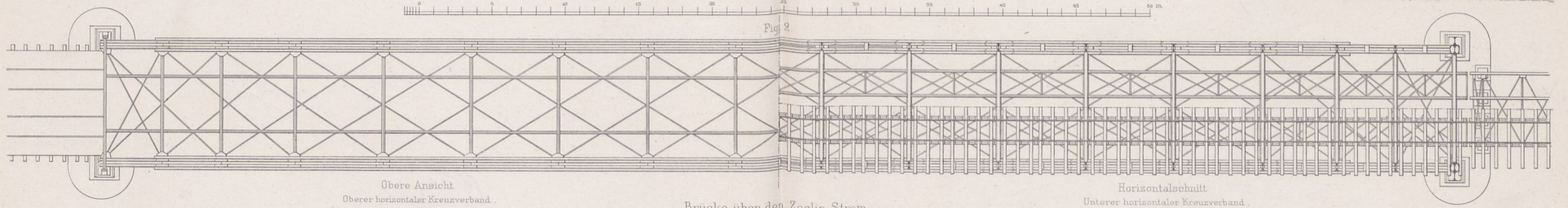
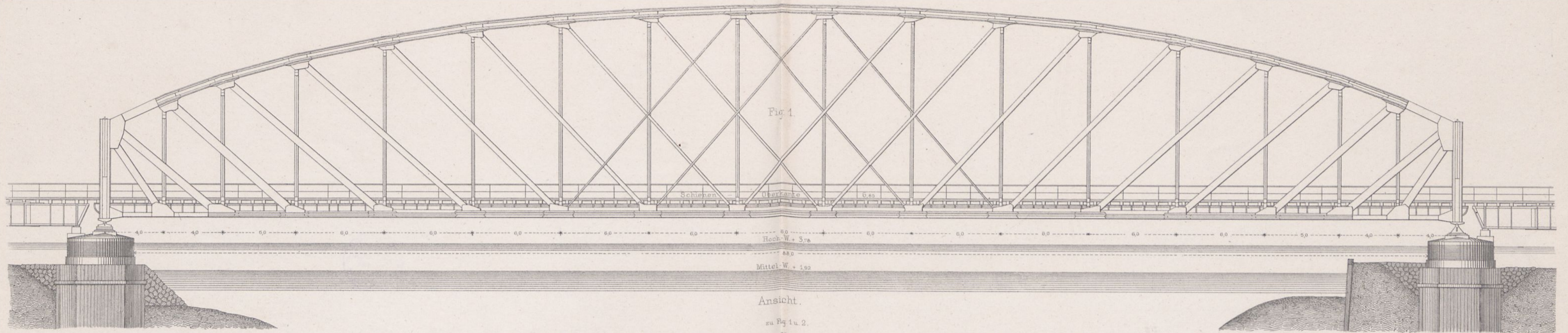
Obere Ansicht.



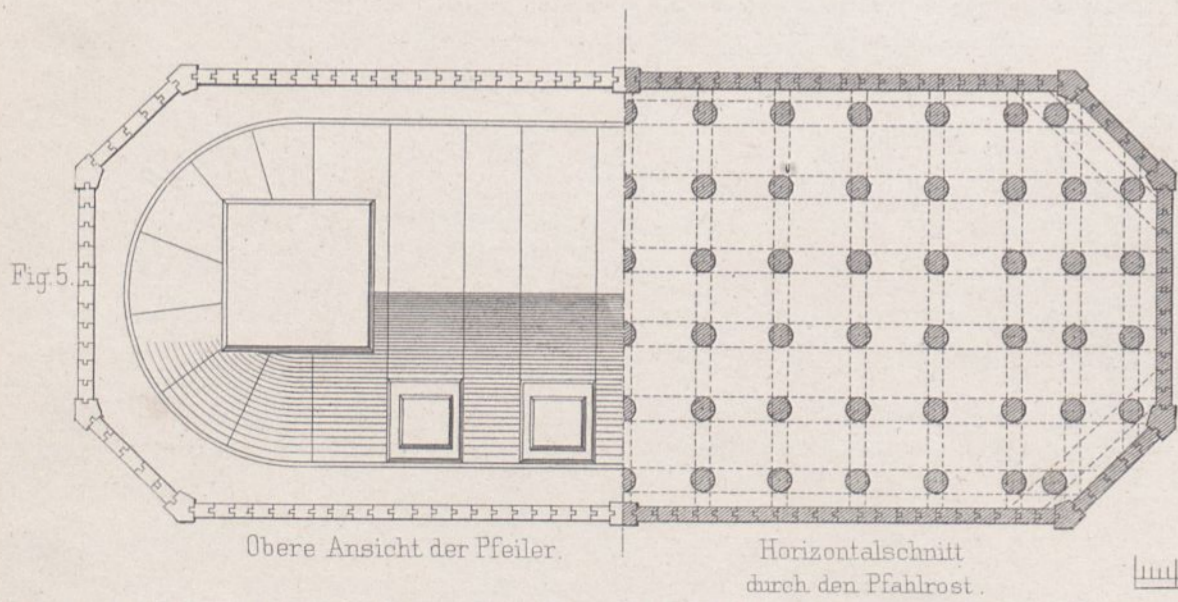
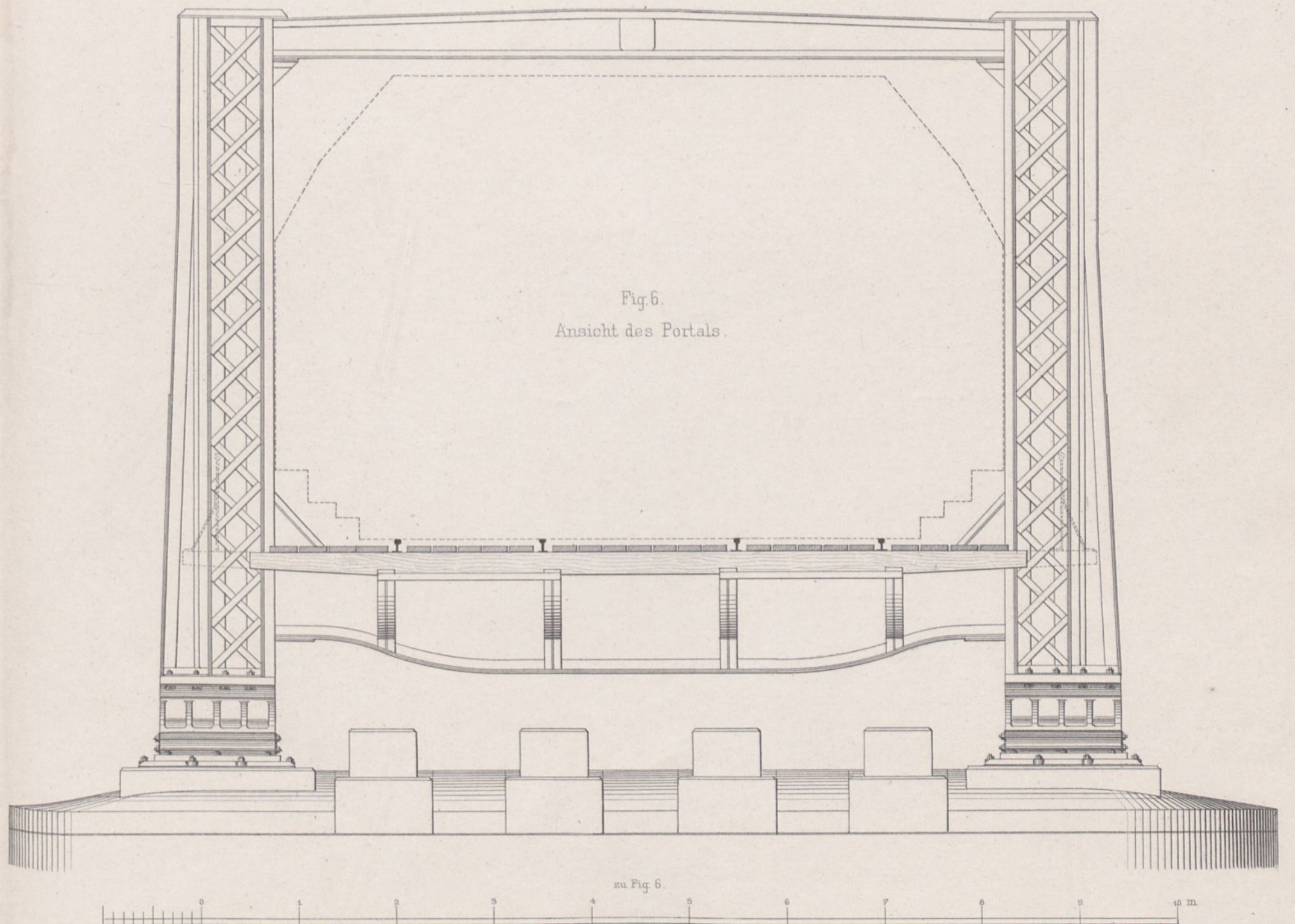
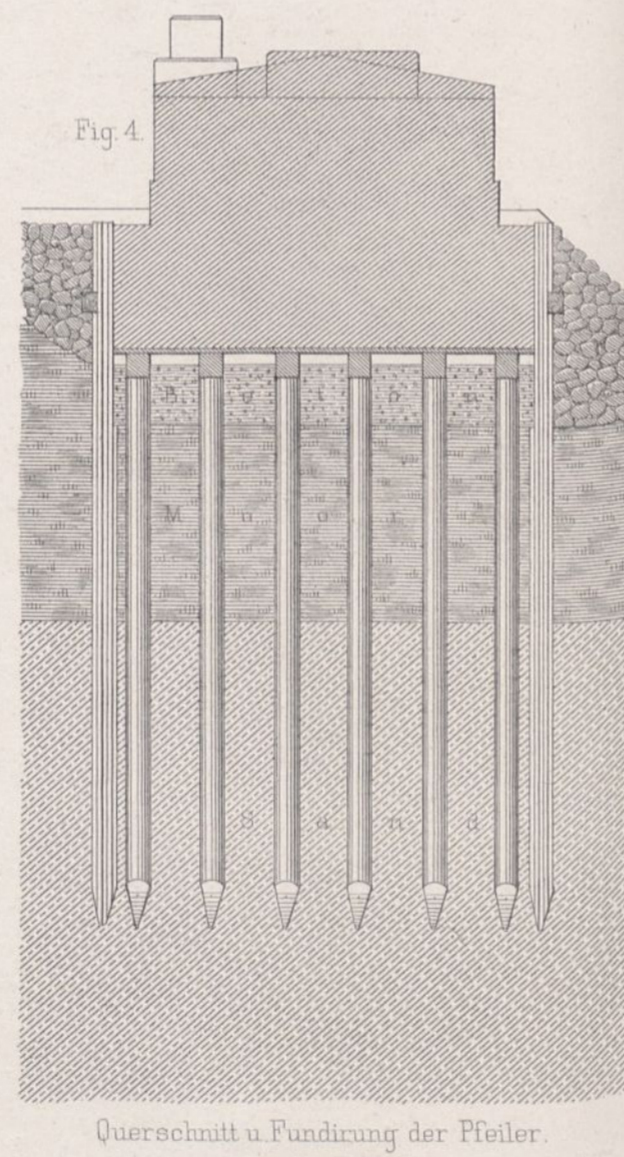
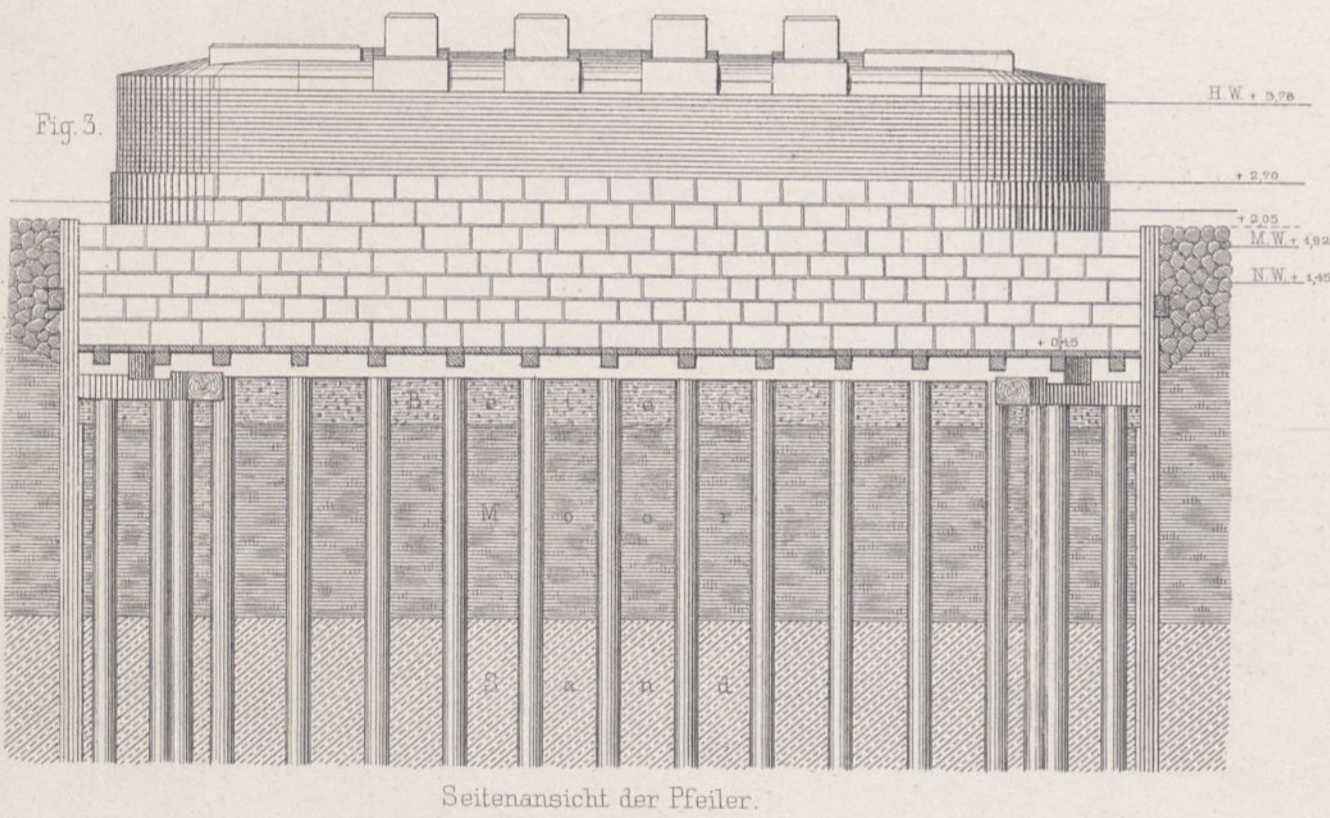
Obere Ansicht.

Grundriss bei l-m.





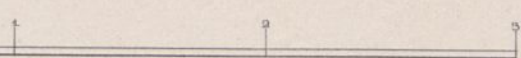
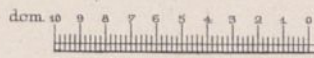
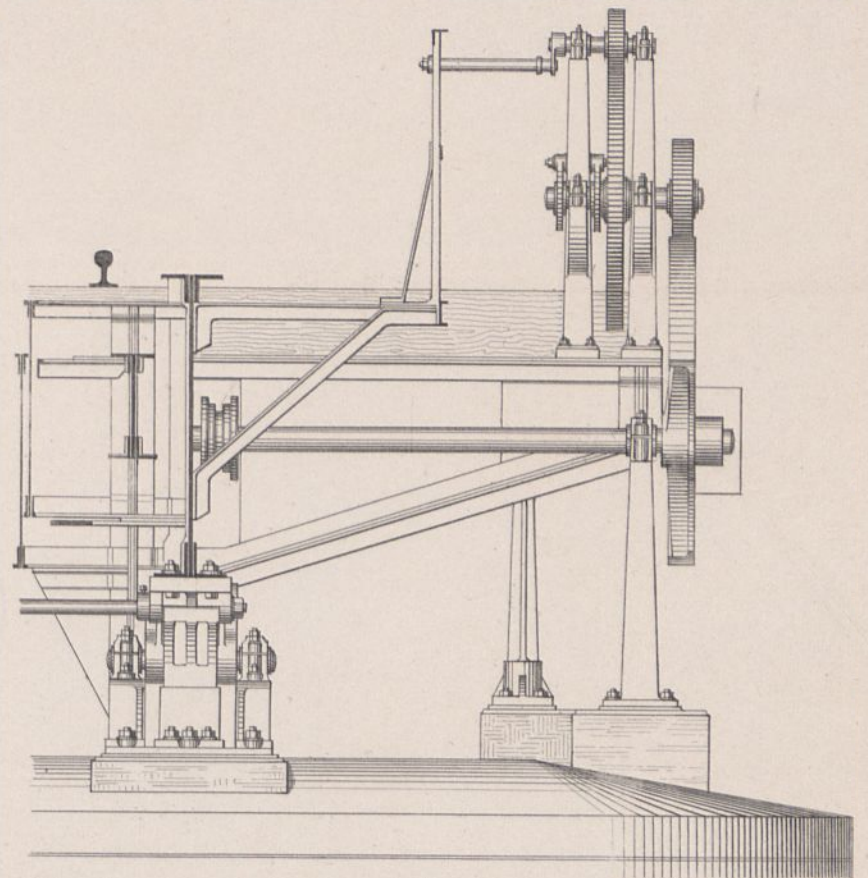
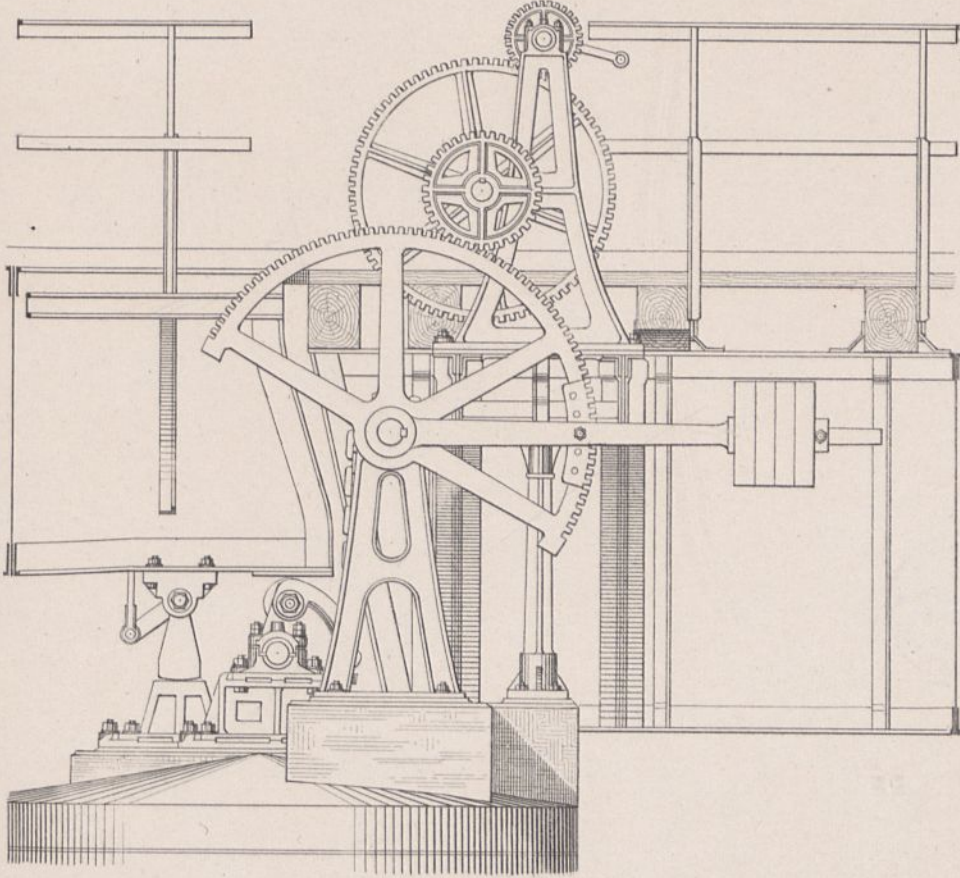
Brücke über den Zeglin-Strom.
Weite 92,0 m.



Ansicht nach B C.

Anhebe-Vorrichtung.

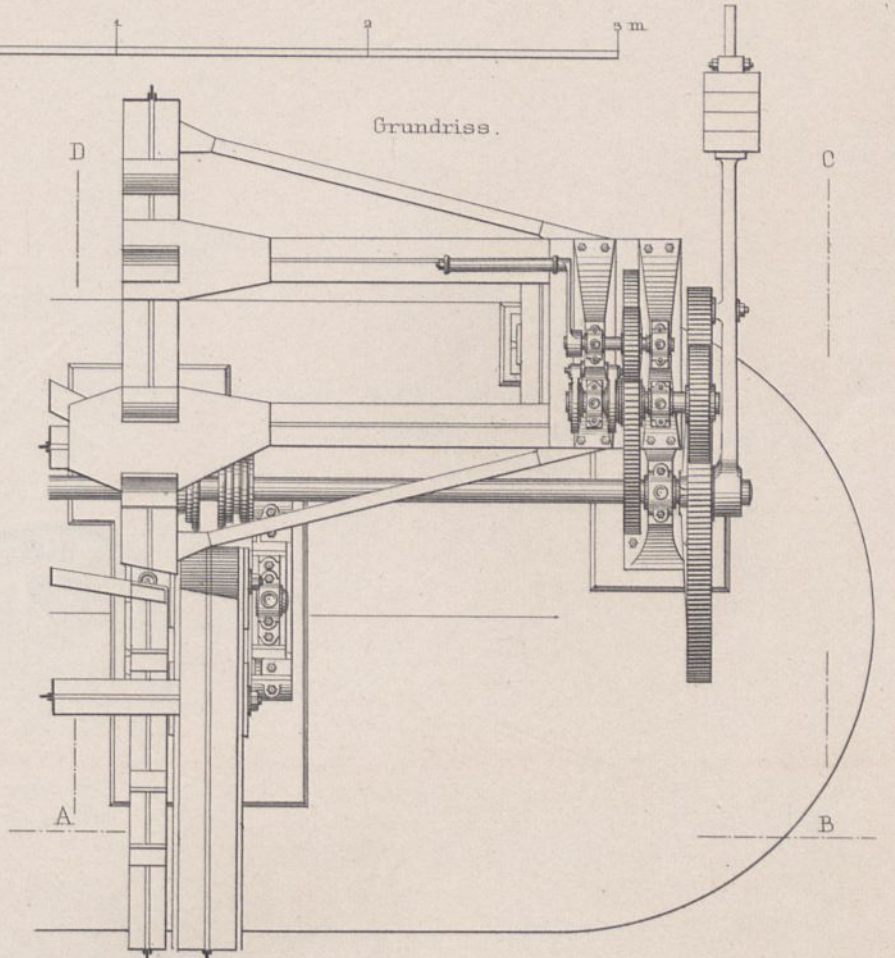
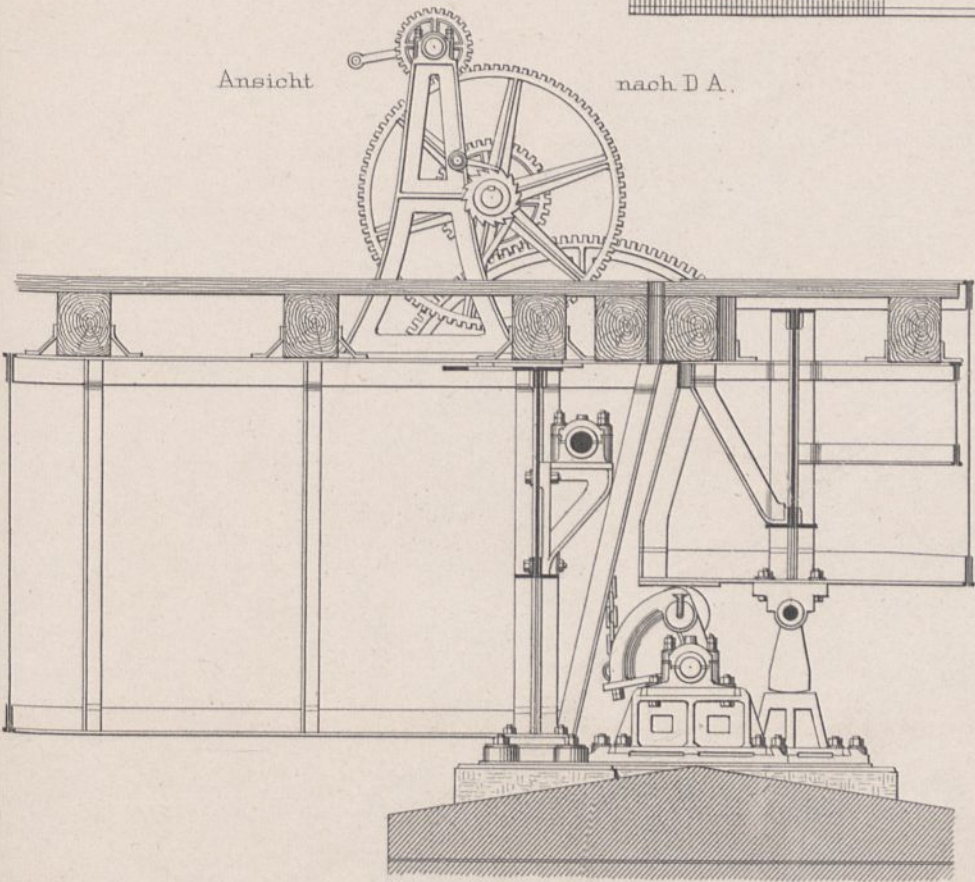
Ansicht nach A B.



Ansicht

nach D A.

Grundriss.



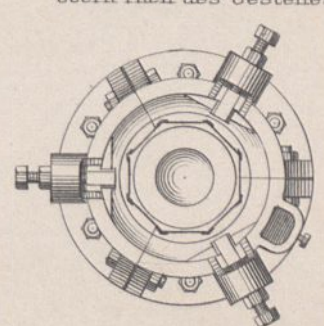
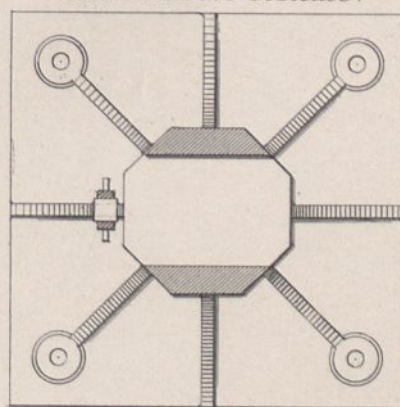
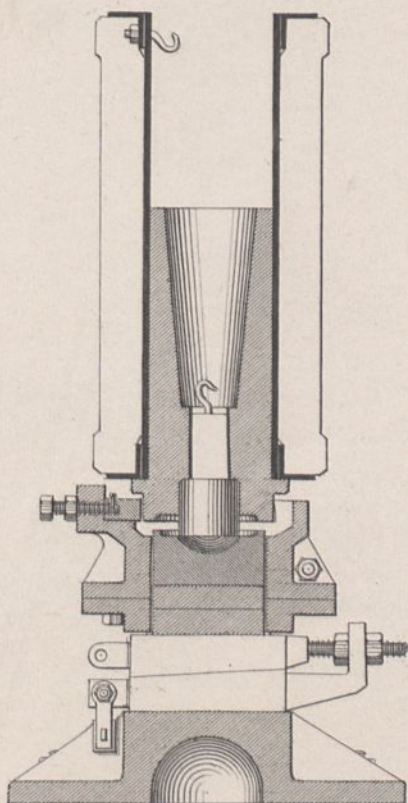
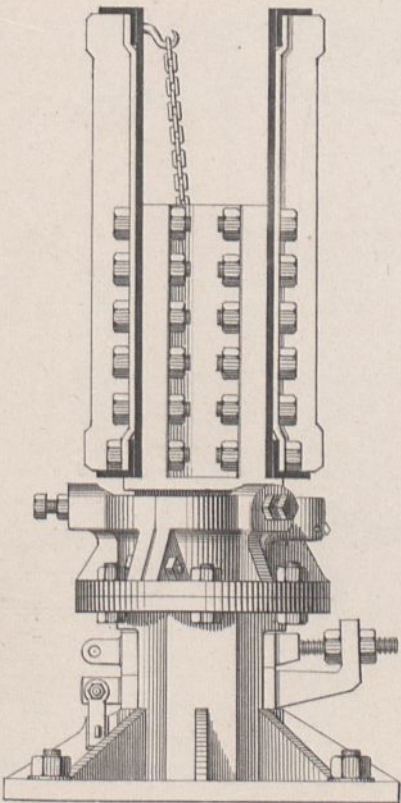
Drehzapfen.

Ansicht.

Vertikalschnitt.

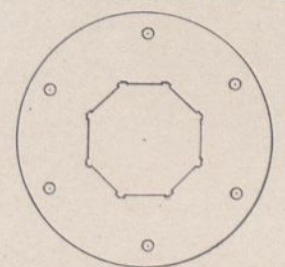
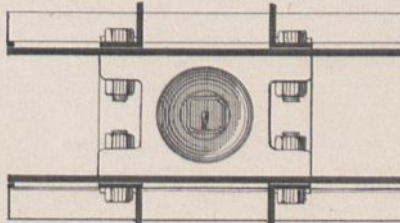
Horizontalschnitt durch den
untern Theil des Gestelles.

Obere Ansicht von dem
obern Theil des Gestelles.



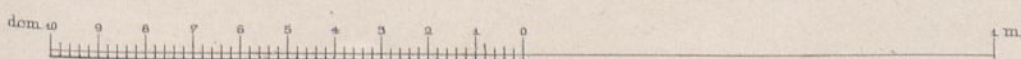
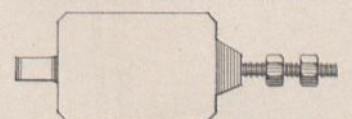
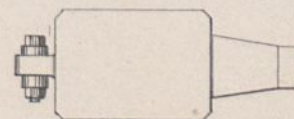
Grundriss des Zapfengehäuses.

Obere Ansicht von dem
untern Theil des Gestelles.

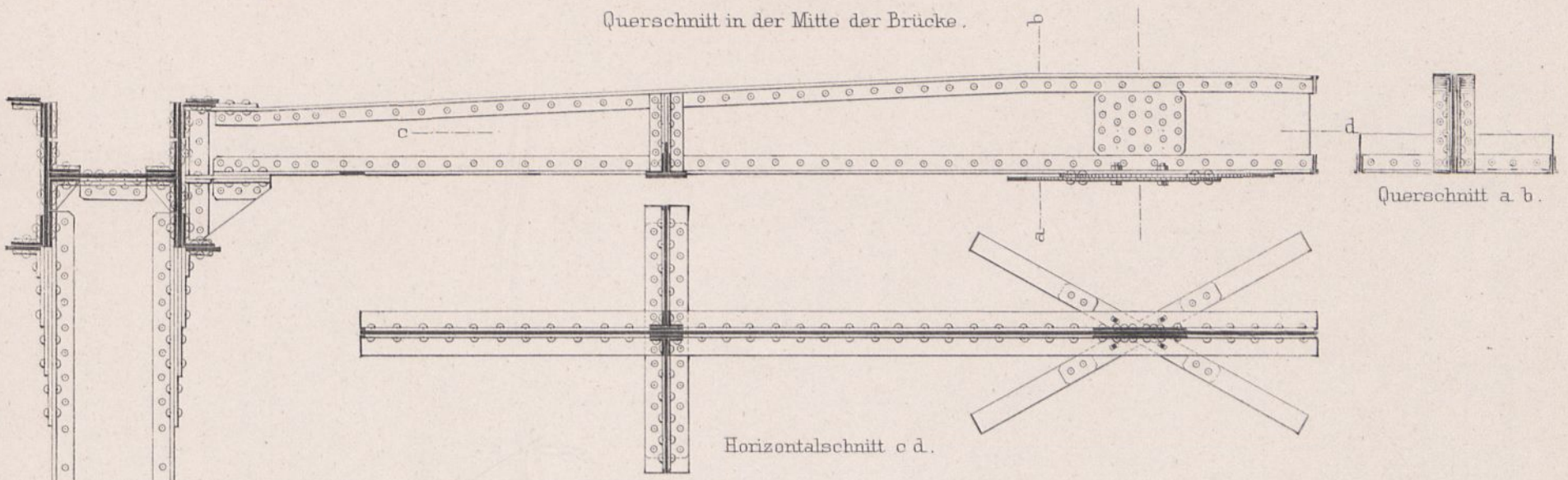


Grundriss des Unterkeiles.

Grundriss des Oberkeiles.



Querschnitt in der Mitte der Brücke.

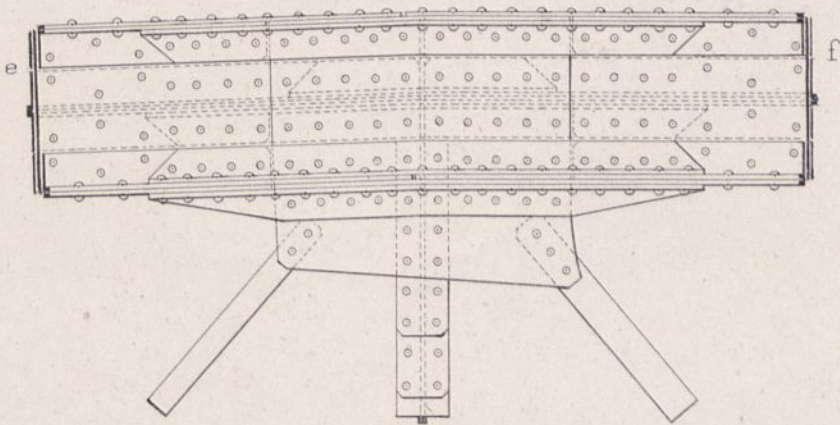


Querschnitt a. b.

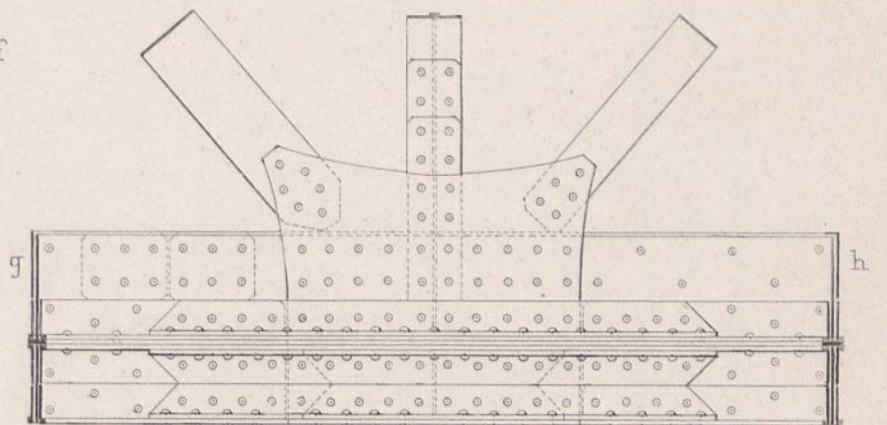
Horizontalschnitt c d.

Knotenpunkte zunächst der Mitte der Brücke.

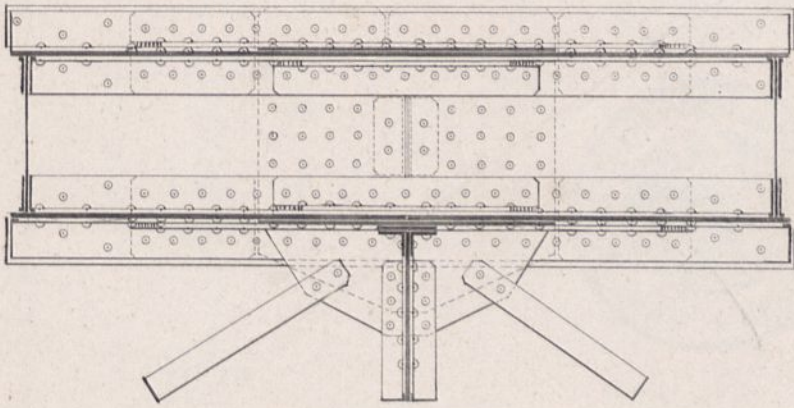
Obere Gurtung.
Ansicht.



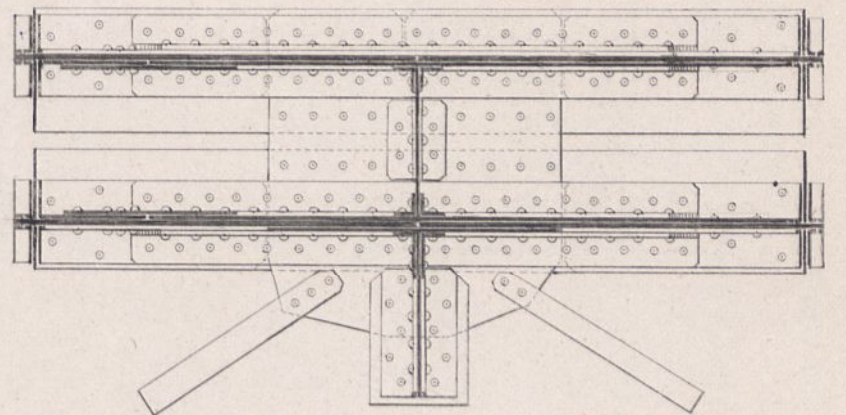
Untere Gurtung.
Ansicht.



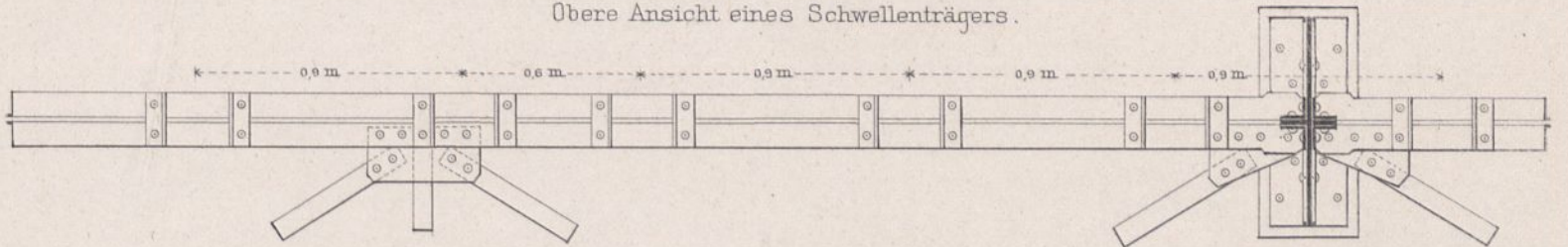
Horizontalschnitt e f.



Horizontalschnitt g h.

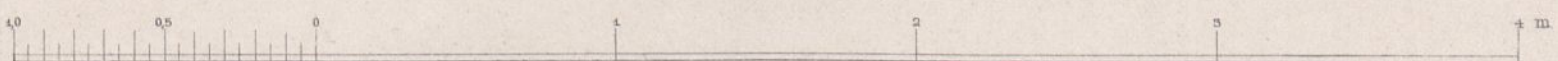


Obere Ansicht eines Schwellenträgers.

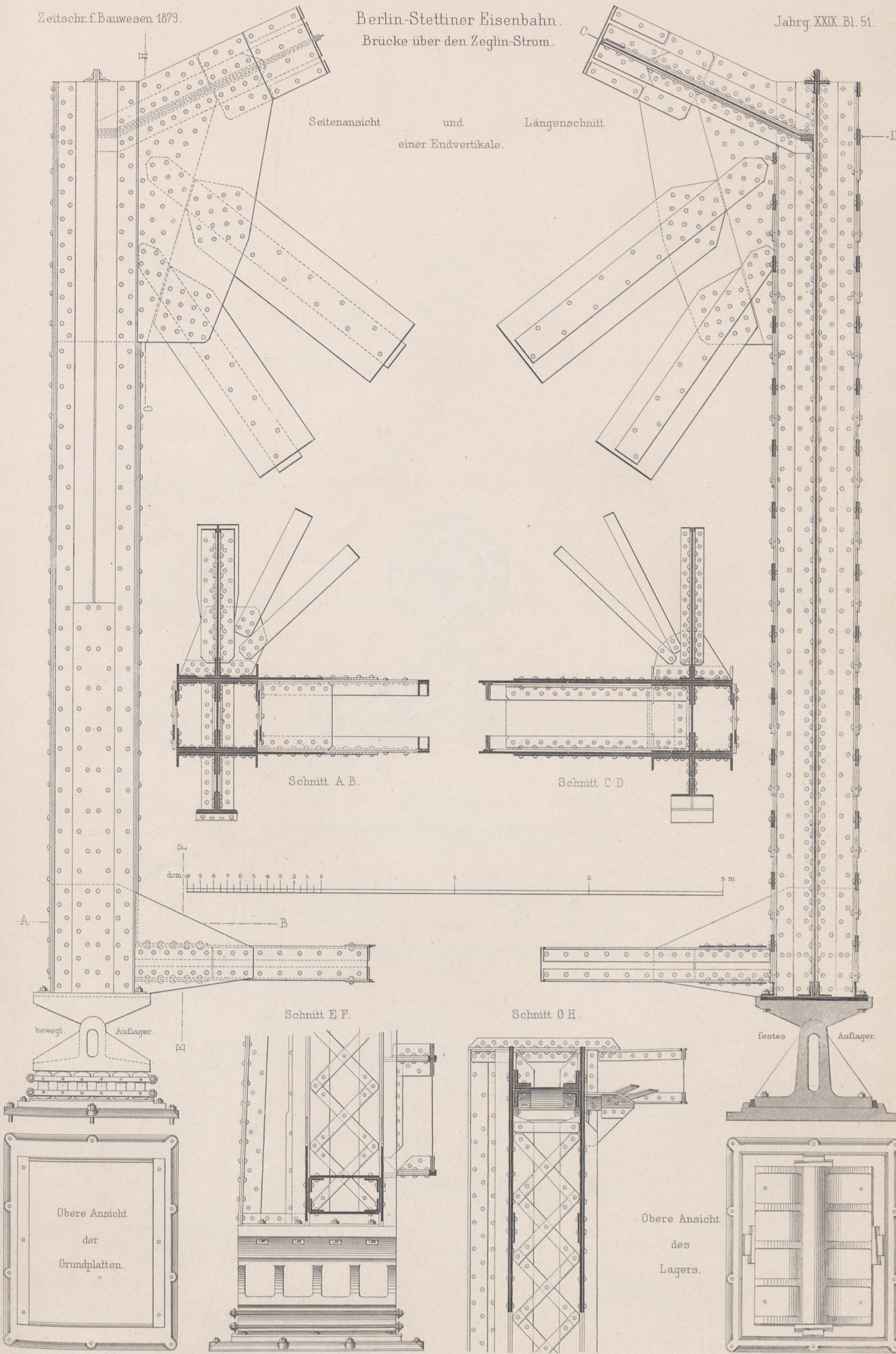


14 III.

0,262

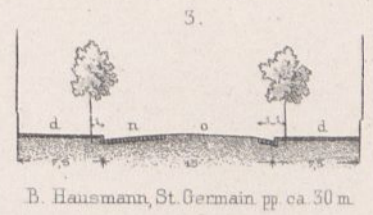
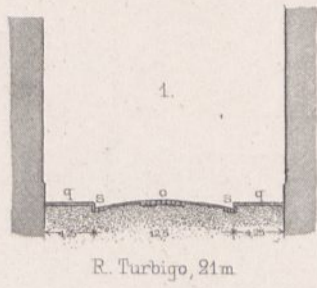
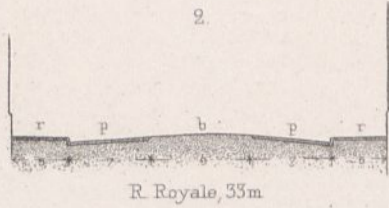


Seitenansicht und Längenschnitt einer Endvertikale.

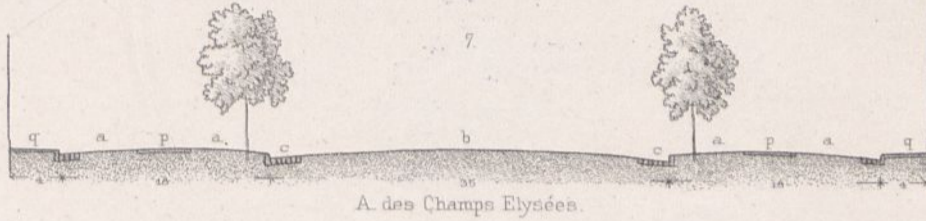
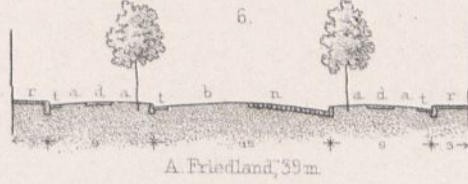
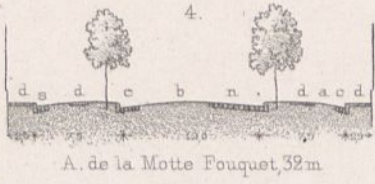


ohne Baumreihen.

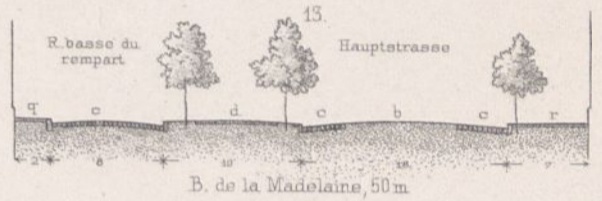
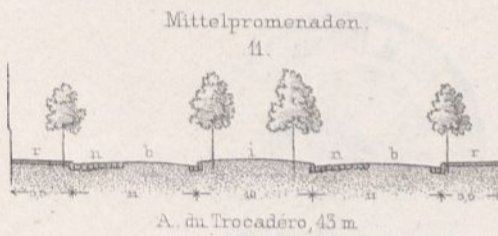
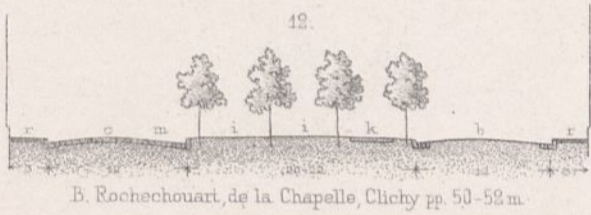
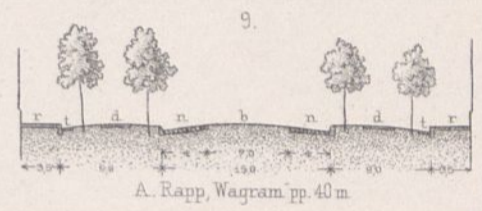
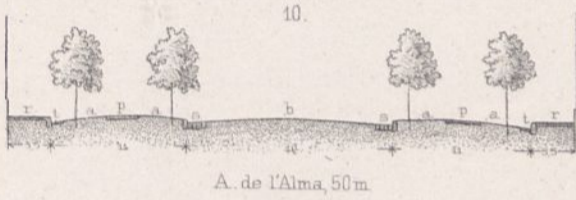
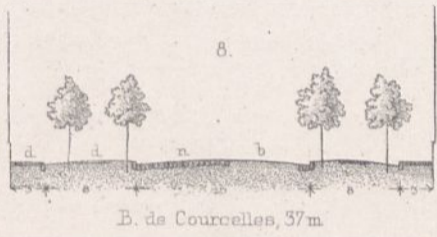
mit baumbesetzten Trottoiren.



Seitenpromenaden (contre allées), welche je eine Baumreihe tragen.

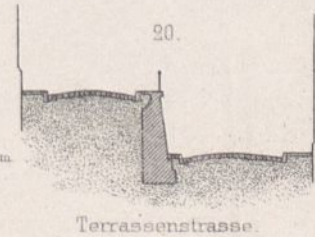
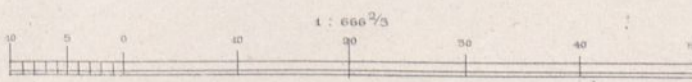
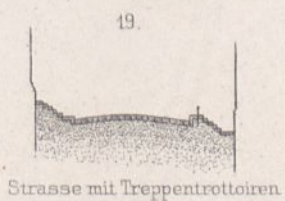
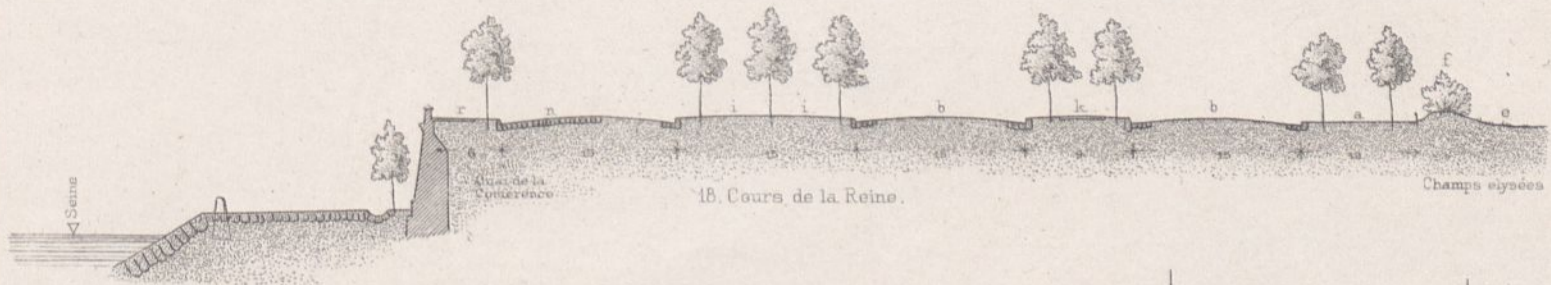
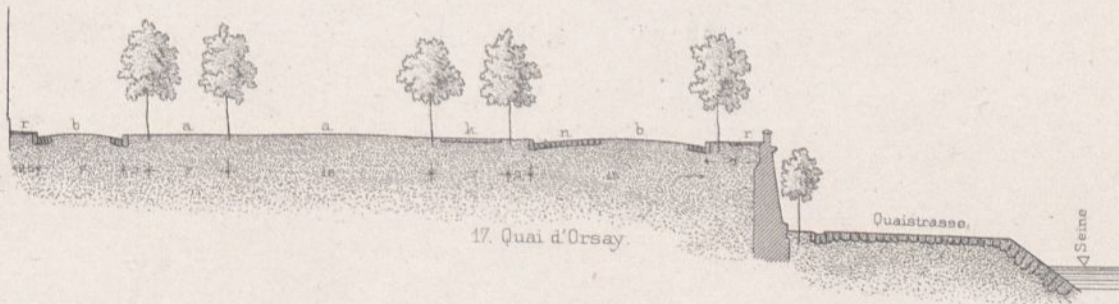
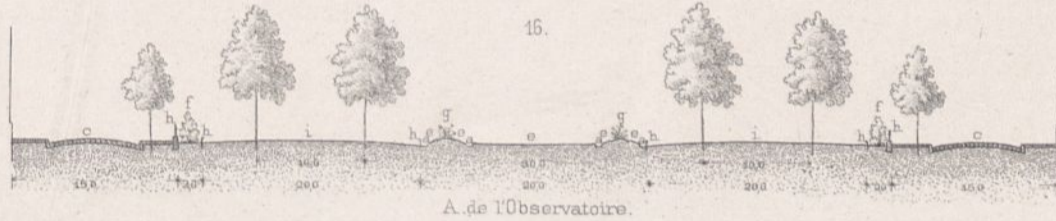
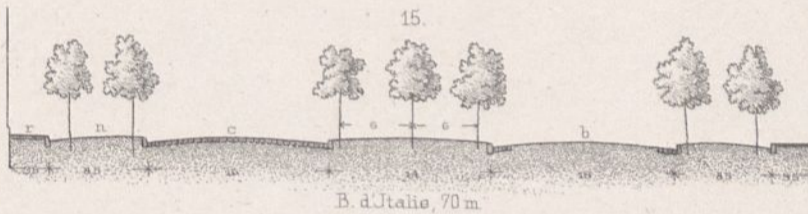
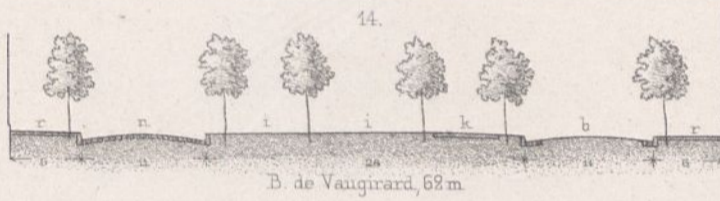


Seitenpromenaden mit je zwei Baumreihen.

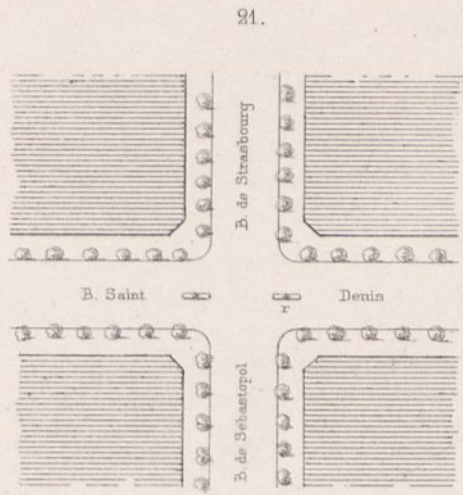


Mittelpromenaden.

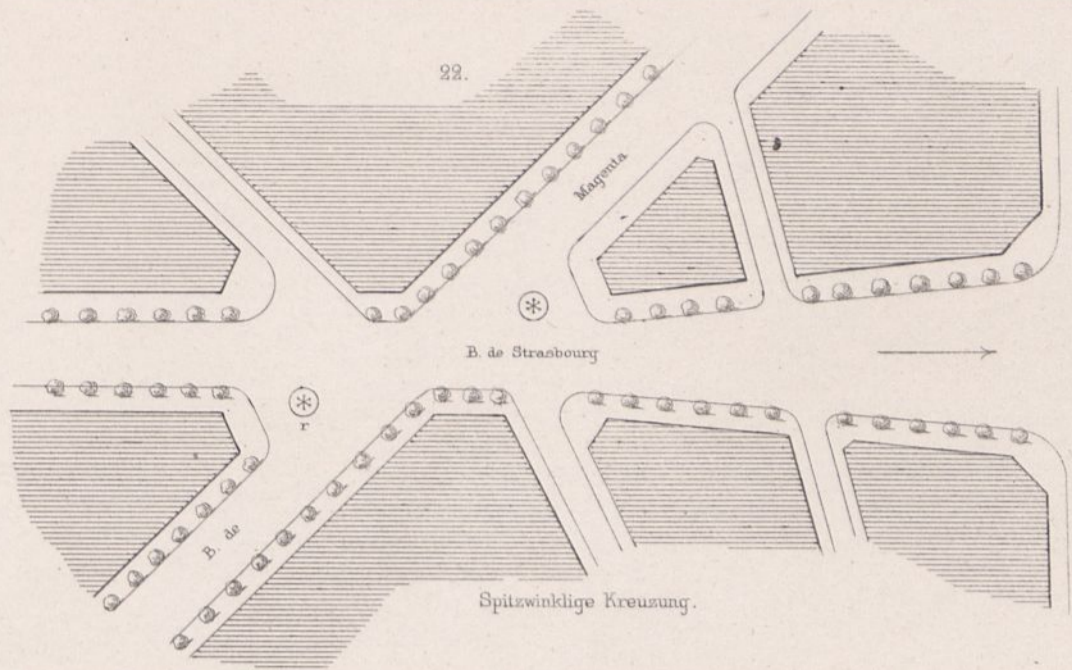
- A. Avenue.
- B. Boulevard.
- R. Rue.
- a. Kies.
- b. Macadam.
- c. Pflaster.
- d. Asphalt.
- e. Rasen.
- f. Strauchwerk.
- g. Blumen.
- h. Einfriedigung.
- i. Promenade.
- k. Reitweg.



- l. Fabrikstrasse.
- m. Tramway.
- n. Pflaster mit Tramway.
- o d^s mit 2 Tramway-geleisen.
- p. Asphaltstrasse.
- q. Plattentrottoir.
- r. Asphalttrottoir.
- s. Gefpflasterte Rinne.
- t. Asphaltrinne.

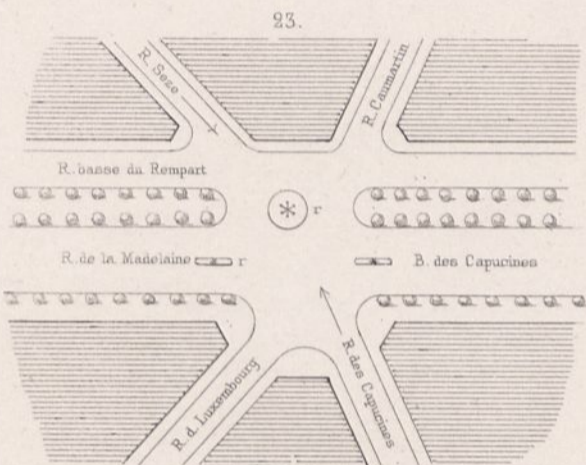


Rechtwinklige Kreuzung.

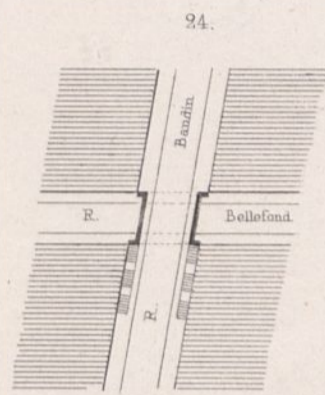


Spitzwinklige Kreuzung.

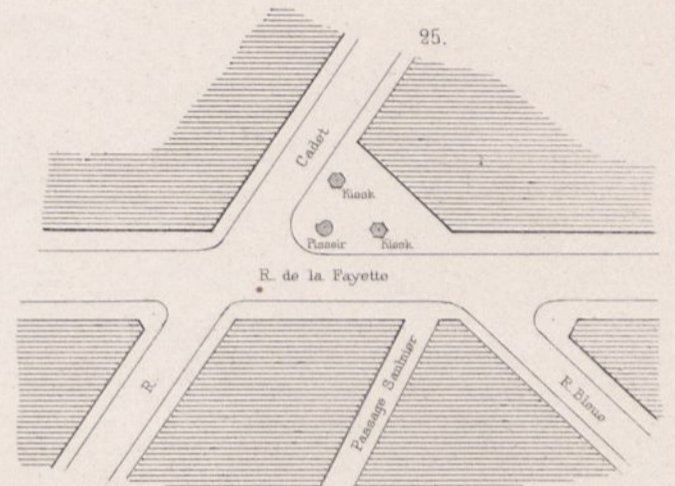
Vorterrasse des Straßburger Bahnhofs



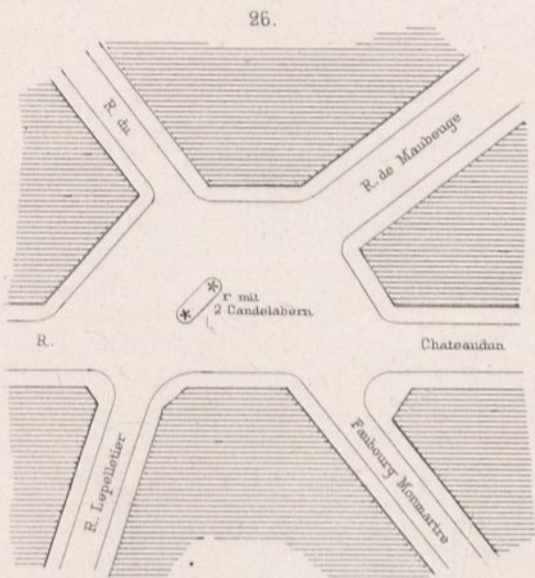
Knotenpunkt am B. des Capucines.



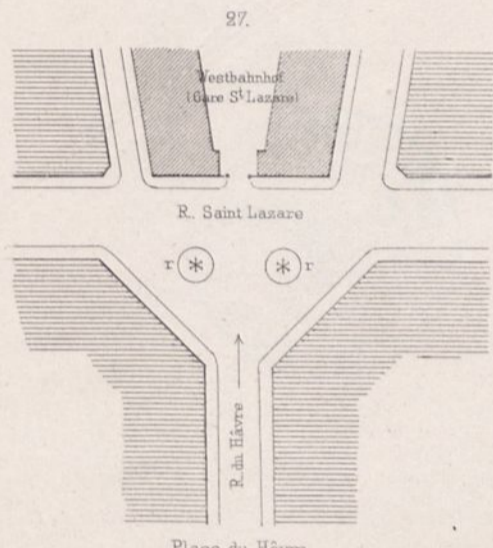
Strassenüberführung.



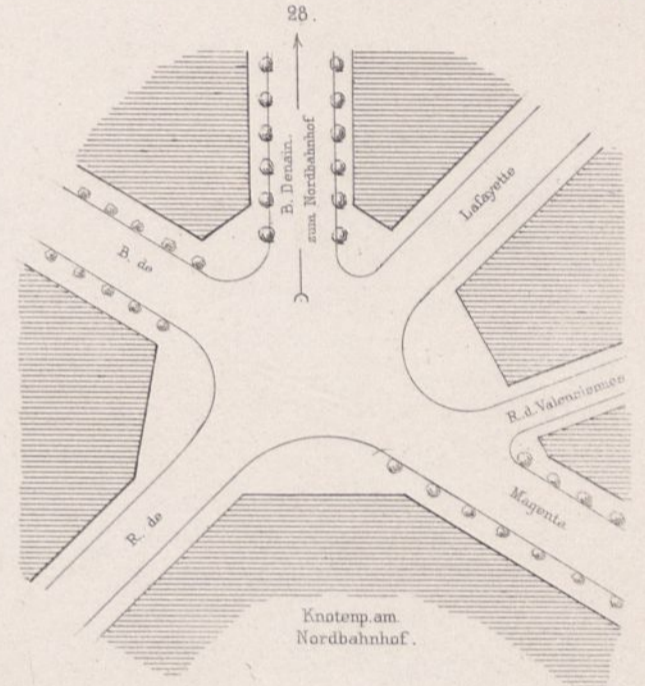
Strassenvereinigung an d. R. Cadet.



Knotenp. an d. R. Chateaudun.

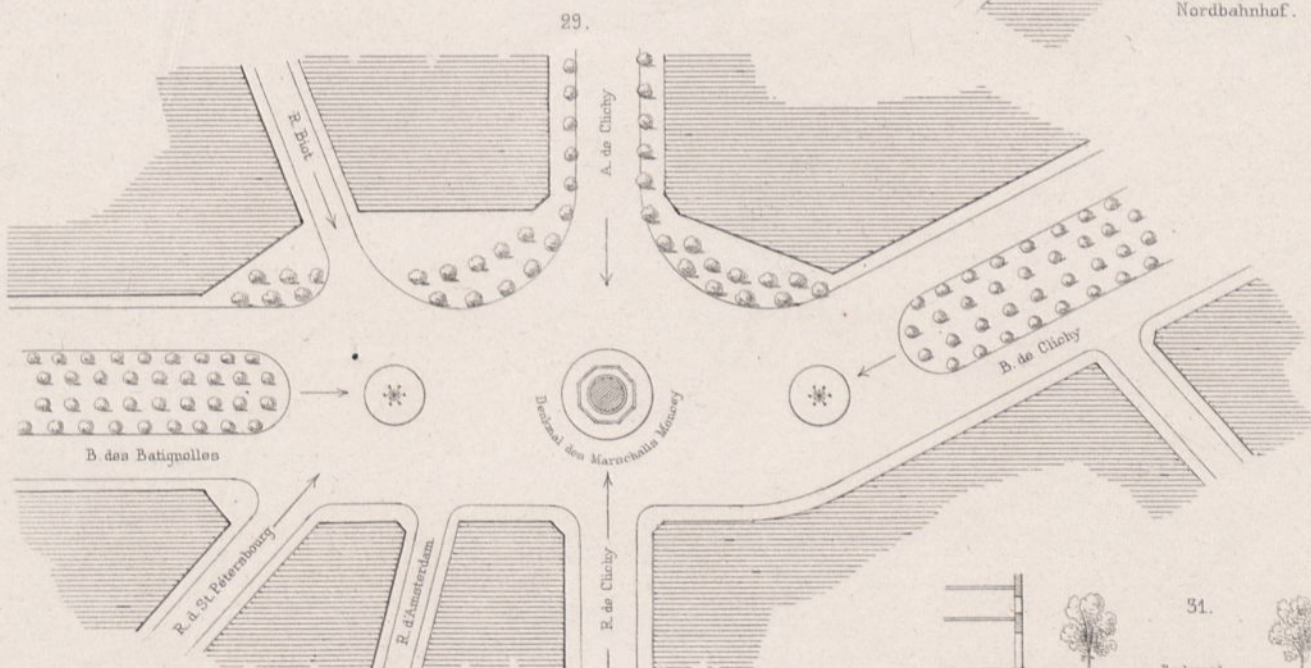


Place du Havre.

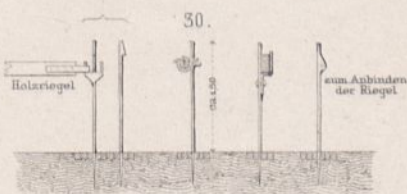


Knotenp. am Nordbahnhof.

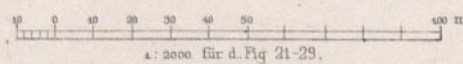
R. Rue.
r. Refuge.
B. Boulevard.



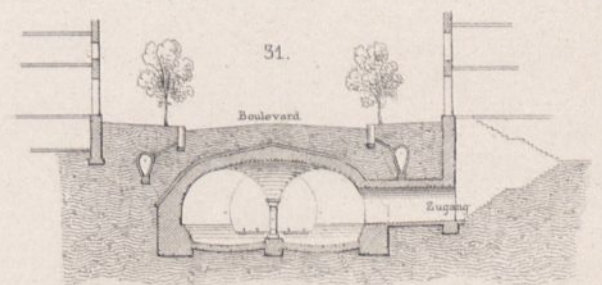
Place de Clichy.



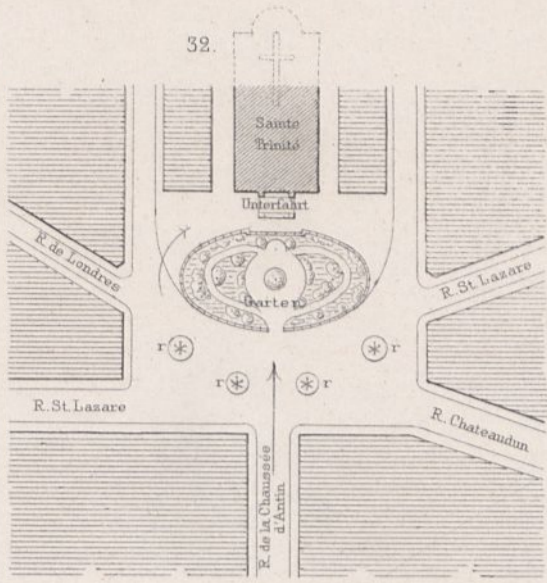
Einfriedigung von Arbeitsstellen.



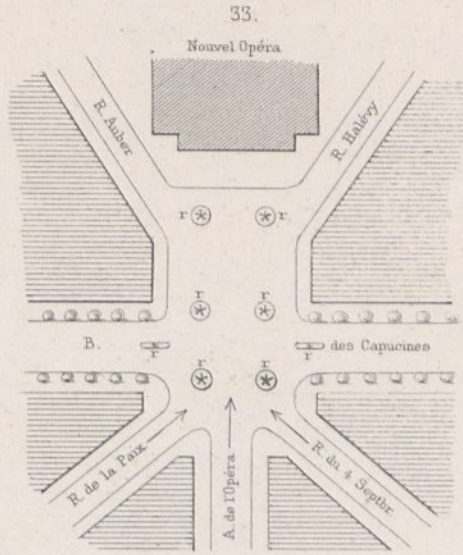
1: 2000 für d. Fig. 21-29.



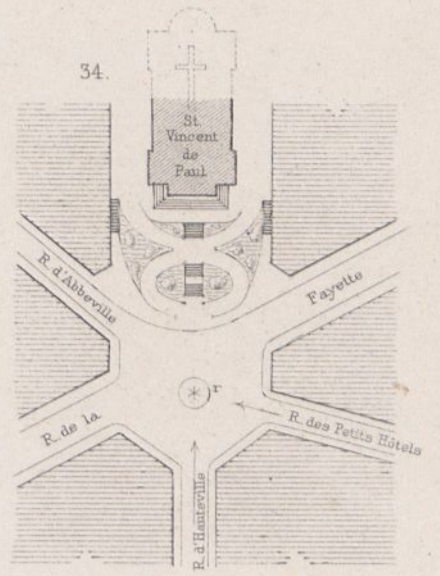
Aus Brunfaut's Stadtbahnproject.



P. St. Trinité.

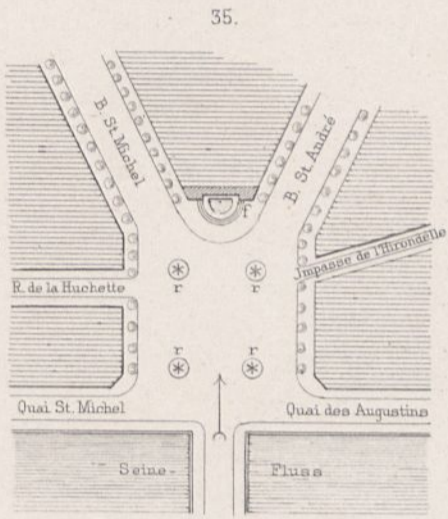


P. de l'Opéra.

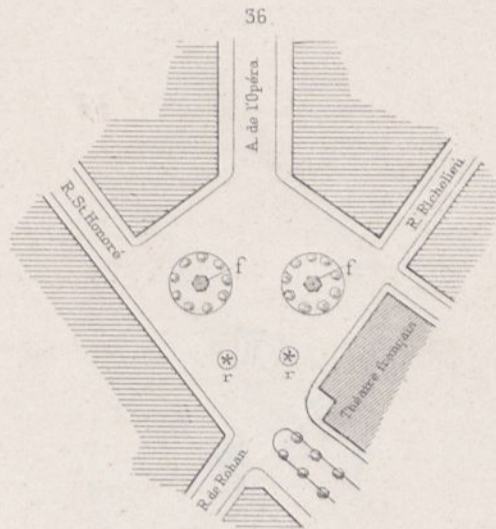


P. de la Fayette.

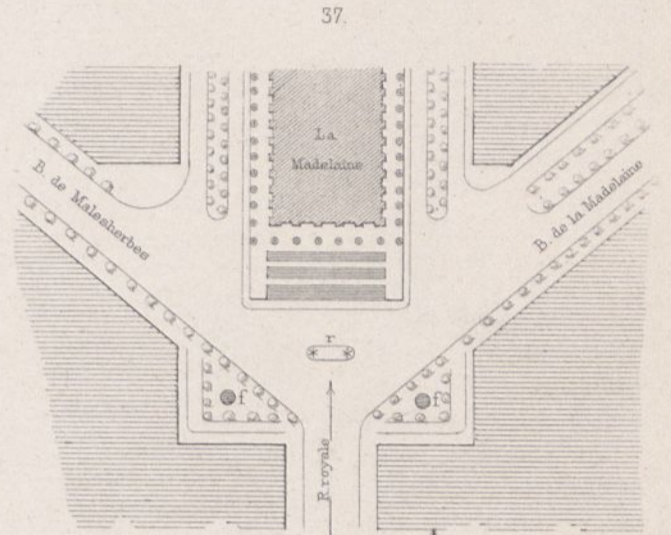
B. Boulevard. P. Place. R. Rue. a. Kies. b. Kiesstreifen. c. Cementrand.
 e. Rasen. f. Fontaine. g. Blumen. h. Einfriedigung. r. Refuge. s. Strasse. t. Trottoir. v. Vorgärten.



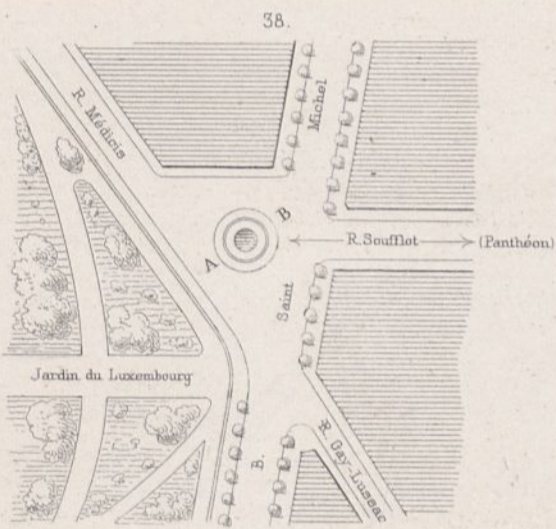
P. St. Michel.



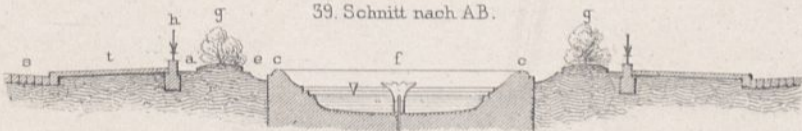
P. du Théâtre Français.



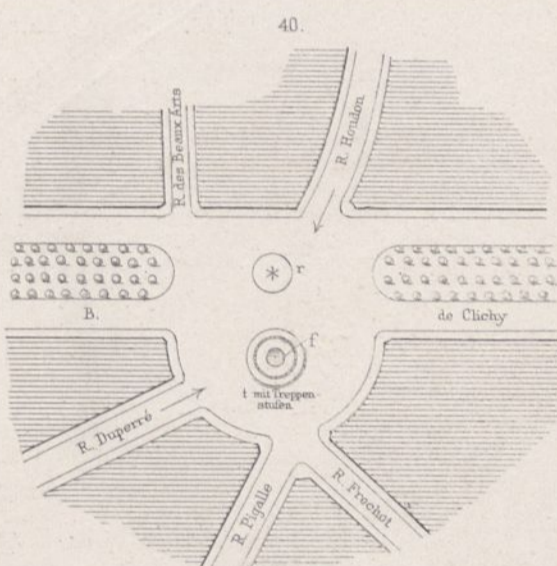
P. de la Madeleine.



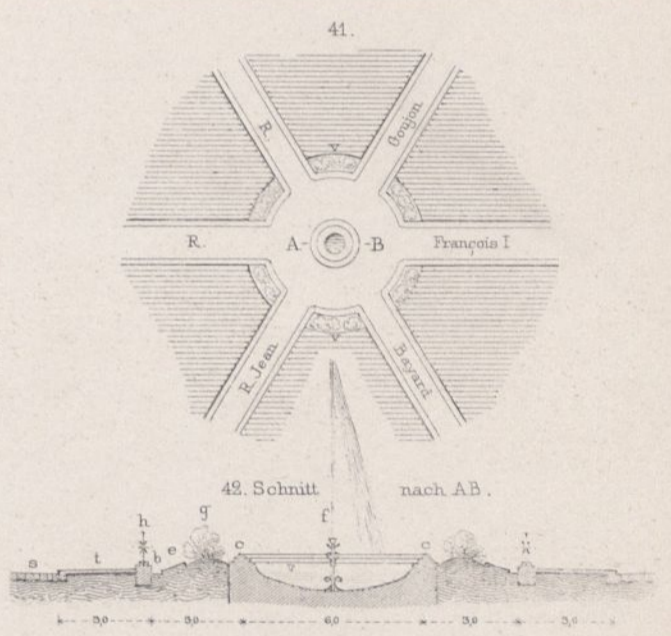
38, 39 Schnitt nach AB.



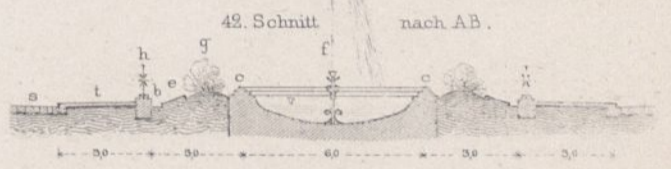
38, 39 Fontaine R. Médicis.



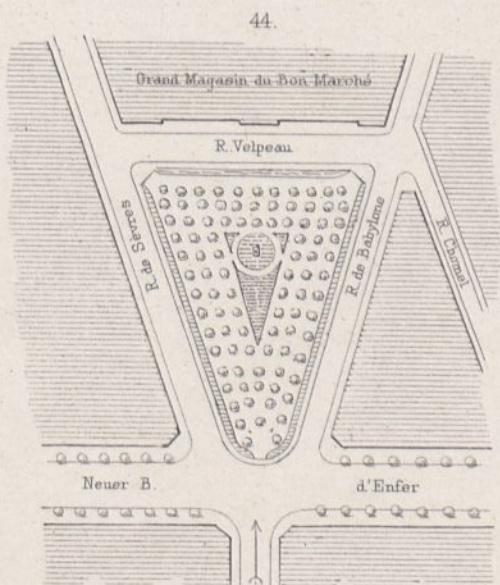
P. Pigalle.



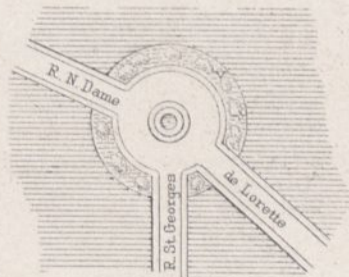
41, 42 P. François I^{er}.



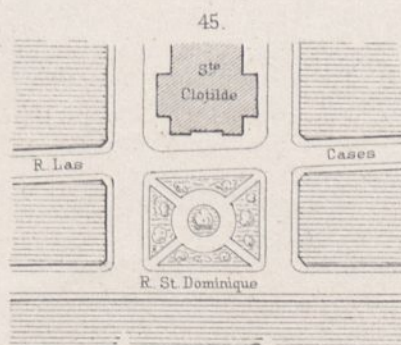
42. Schnitt nach AB.



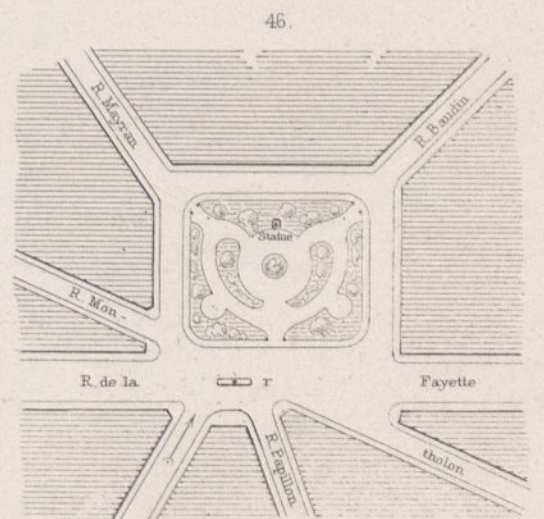
Square du Bon Marché.



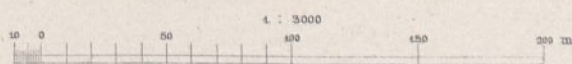
P. St. George.



P. de Bellechasse.

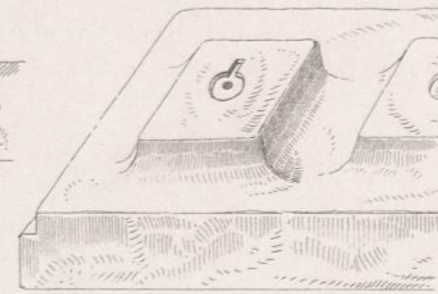
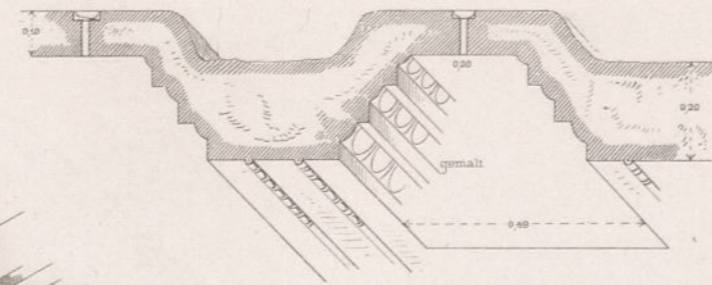


Square Montholon.

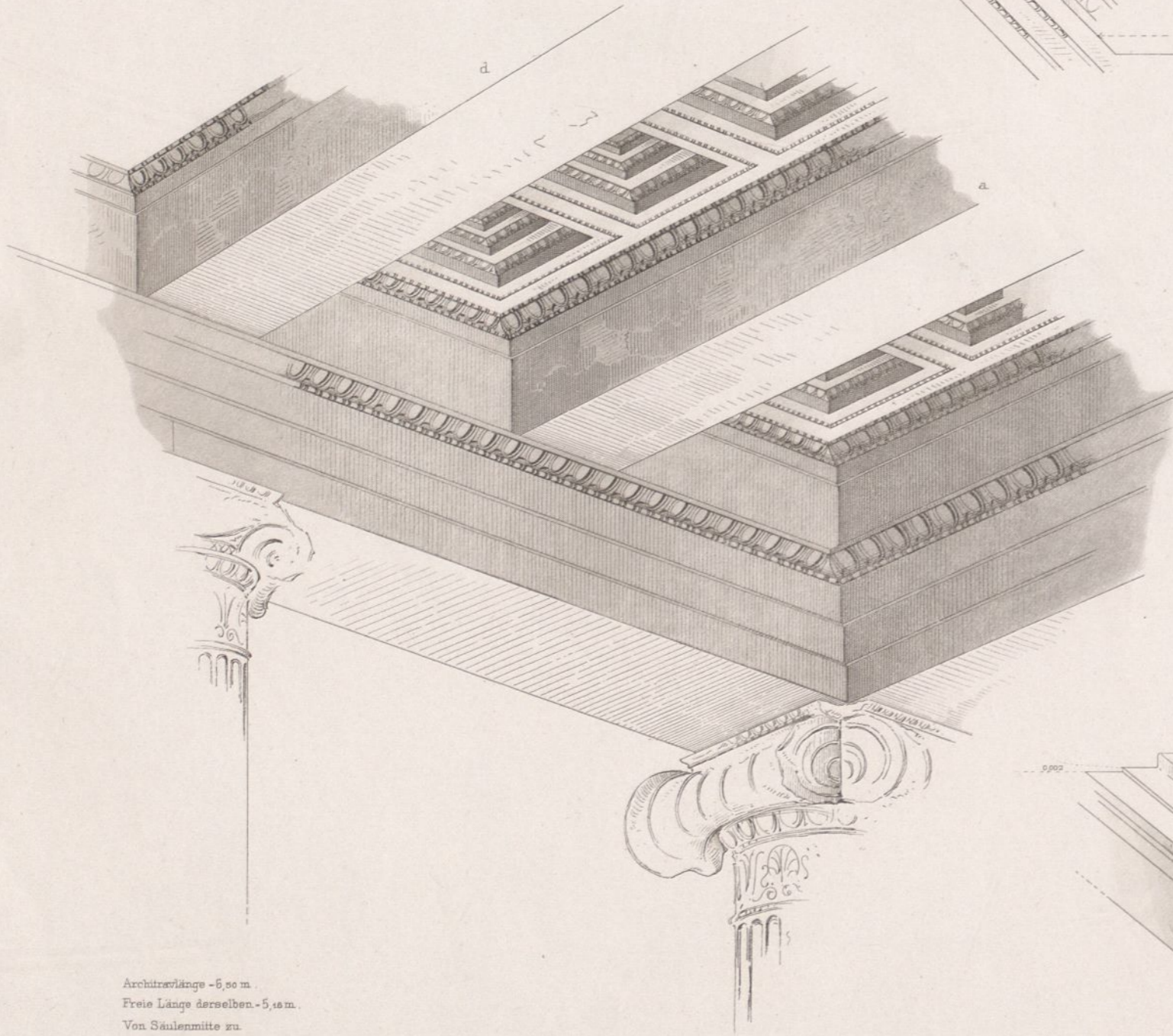
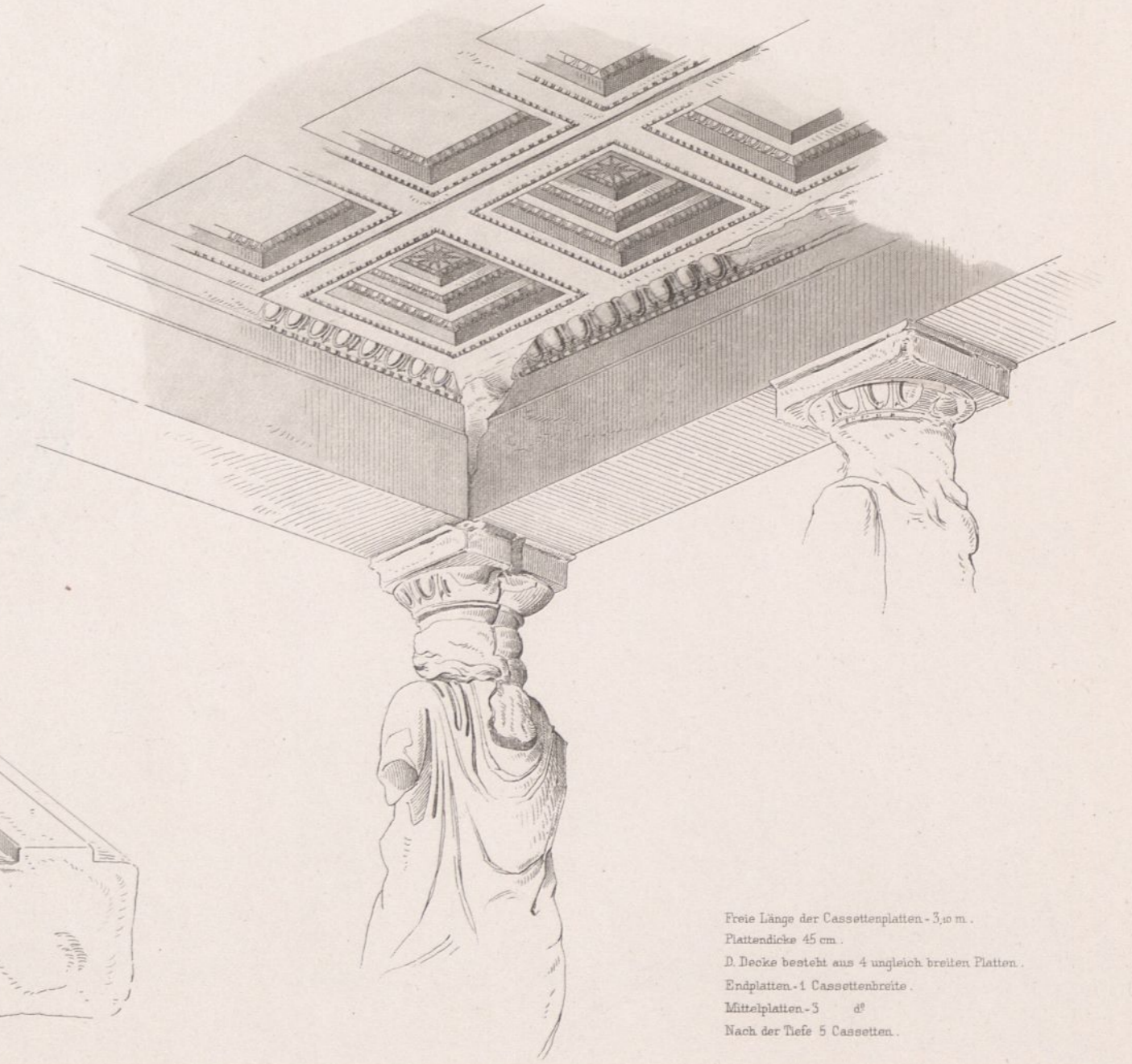


(Tafel VII.)

Decke der Nordhalle der Erechtheion.



Decke des Pandroseion.

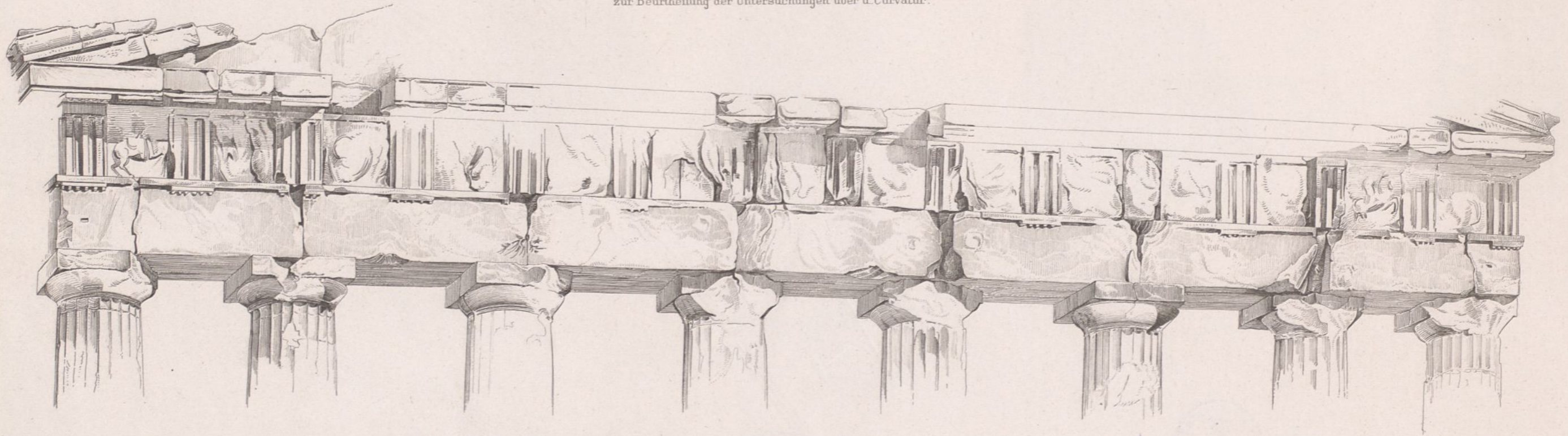


Architravlänge - 6,00 m.
 Freie Länge derselben - 5,16 m.
 Von Säulenmitte zu
 Säulenmitte, vorn - 3,16 m.
 desgl. seitlich - 3,16 m.
 Nach der Tiefe 8 Cassetten.

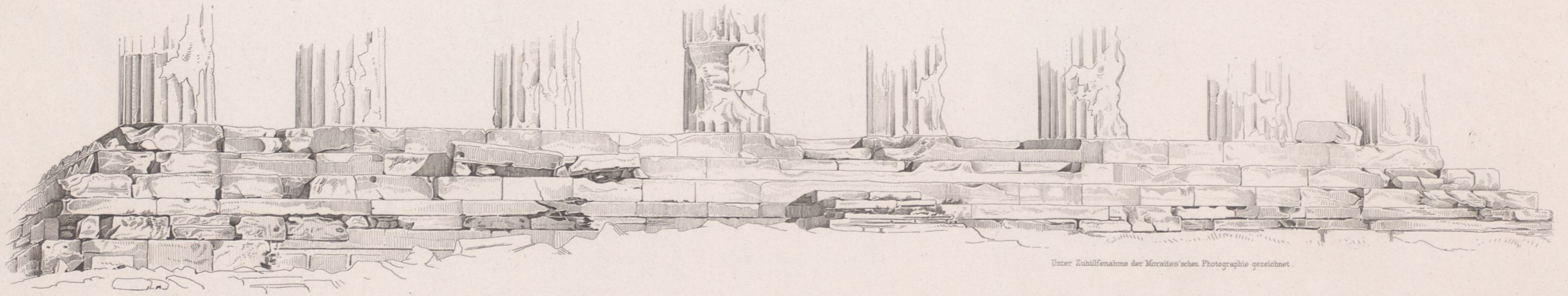
Freie Länge der Cassettenplatten - 3,10 m.
 Plattendicke 45 cm.
 D. Decke besteht aus 4 ungleich breiten Platten.
 Endplatten - 1 Cassettenbreite.
 Mittelplatten - 5 d.
 Nach der Tiefe 5 Cassetten.

(Tafel VIII.)

Jetziger Zustand der Architrave am Westgiebel des Parthenon
zur Beurtheilung der Untersuchungen über d. Curvatur.



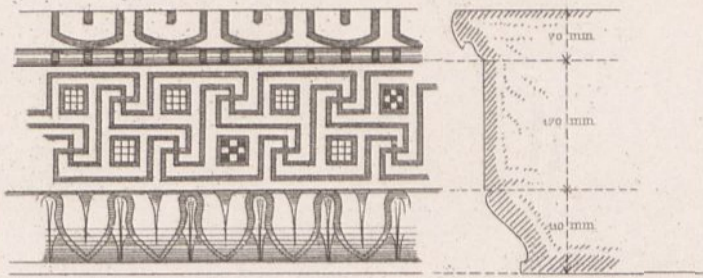
Zustand des Krepidoma.



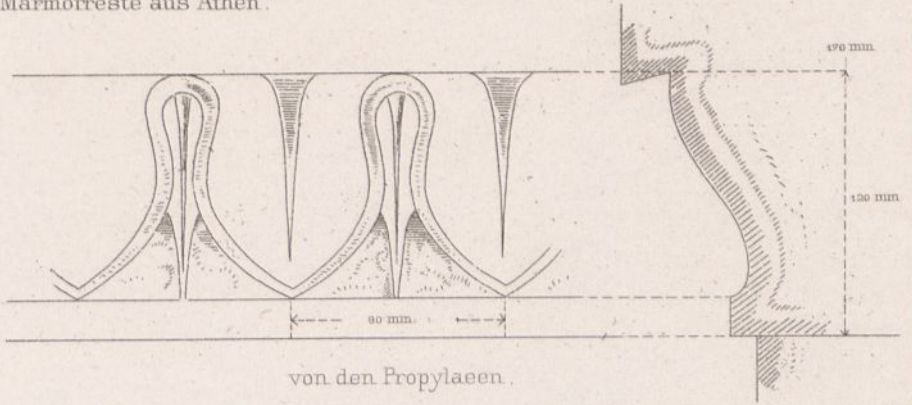
Unter Zuhilfenahme der Moraites'schen Photographie gezeichnet.

(Tafel IX.)

Bemalte Marmorreste aus Athen.

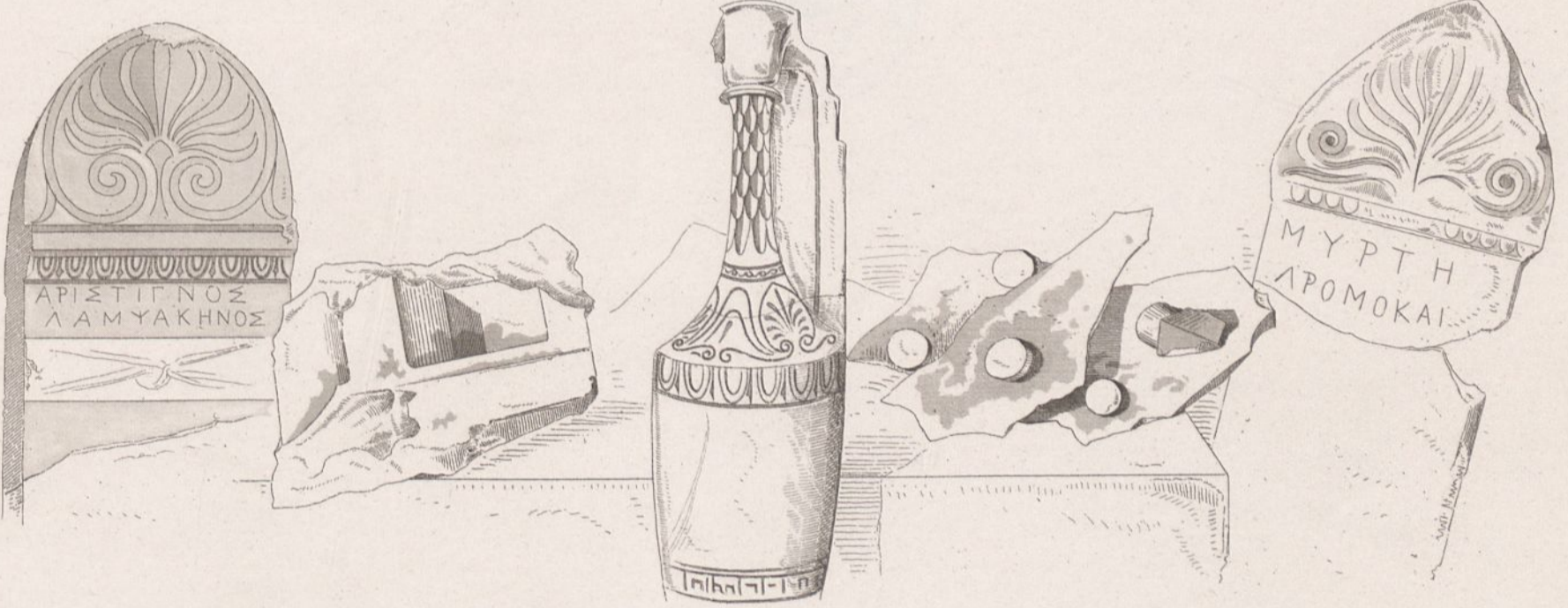
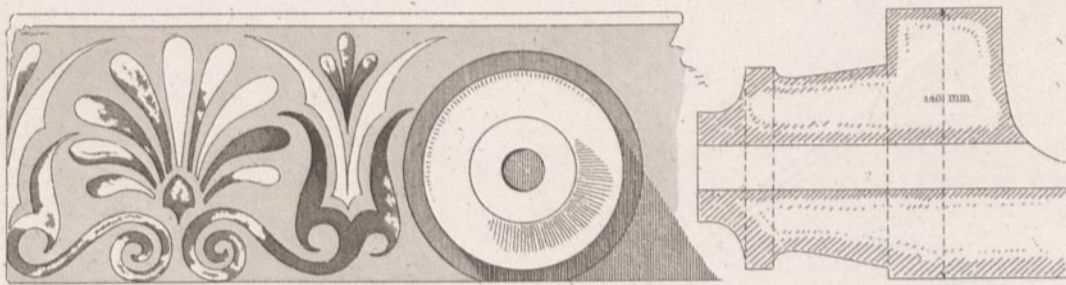
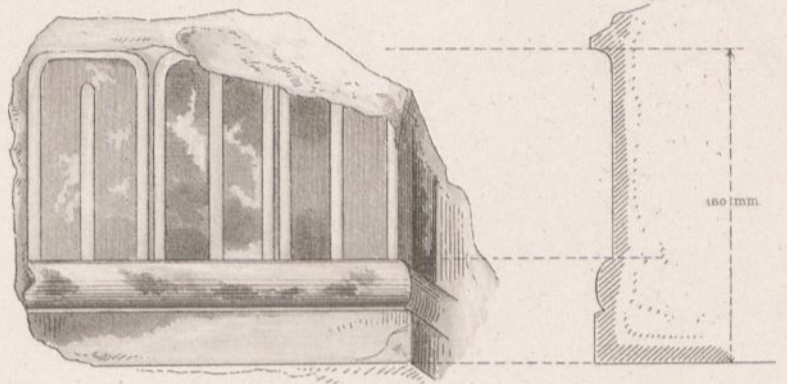
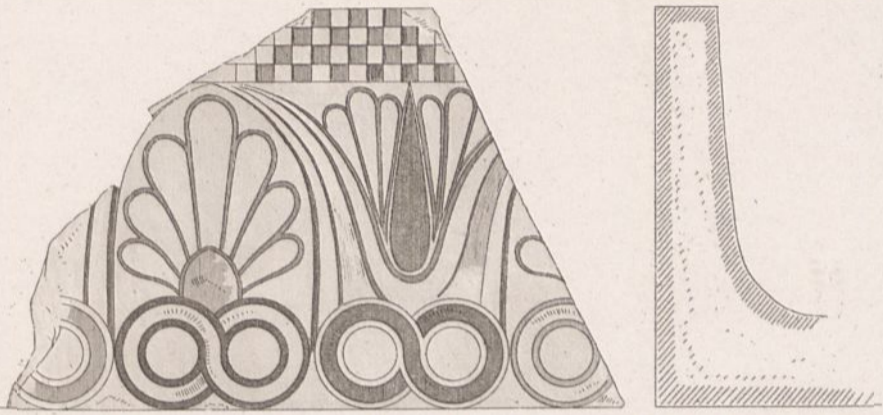


vom Parthenon.

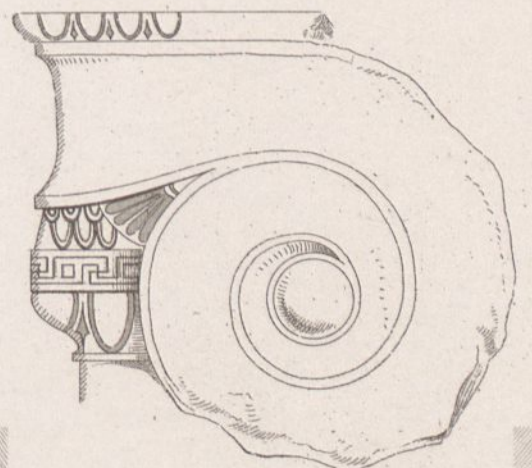
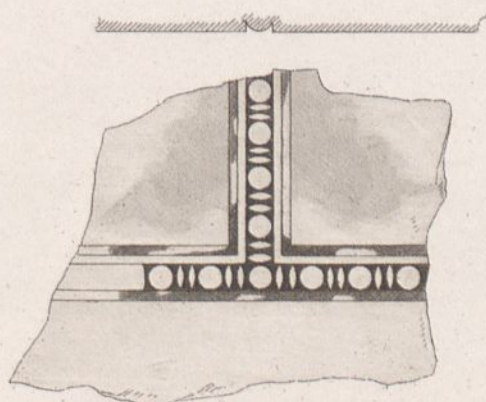
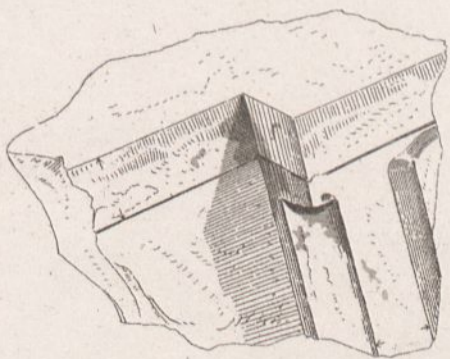


von den Propylaeen.

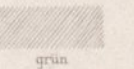
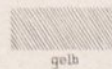
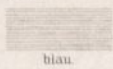
Rinneleiten.

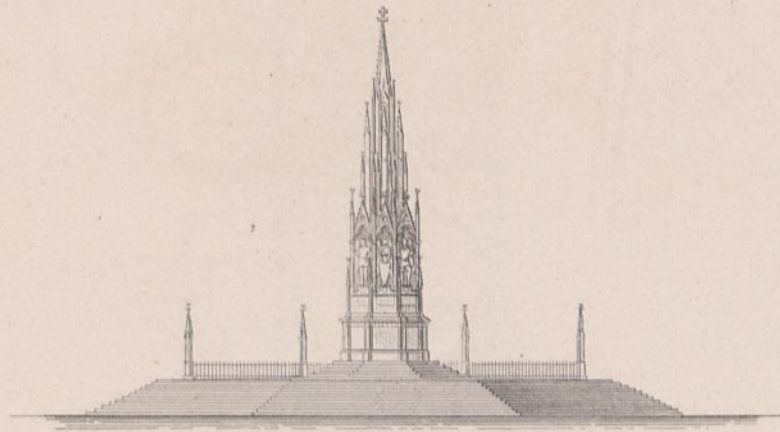


Aus dem Theseion.

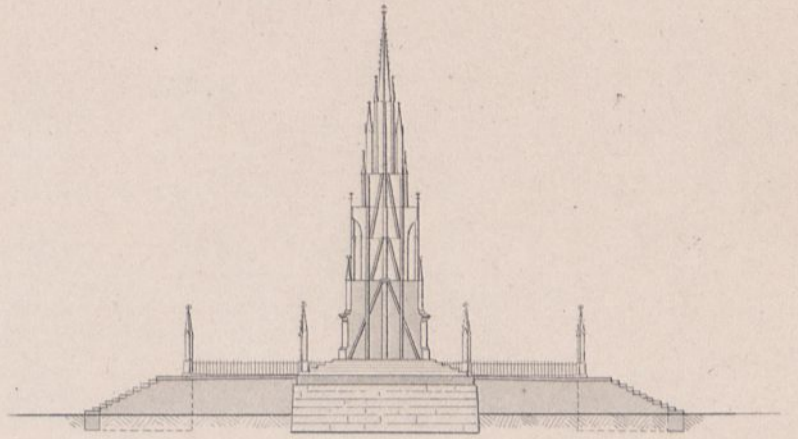


Bedeutung der Schraffirungen.

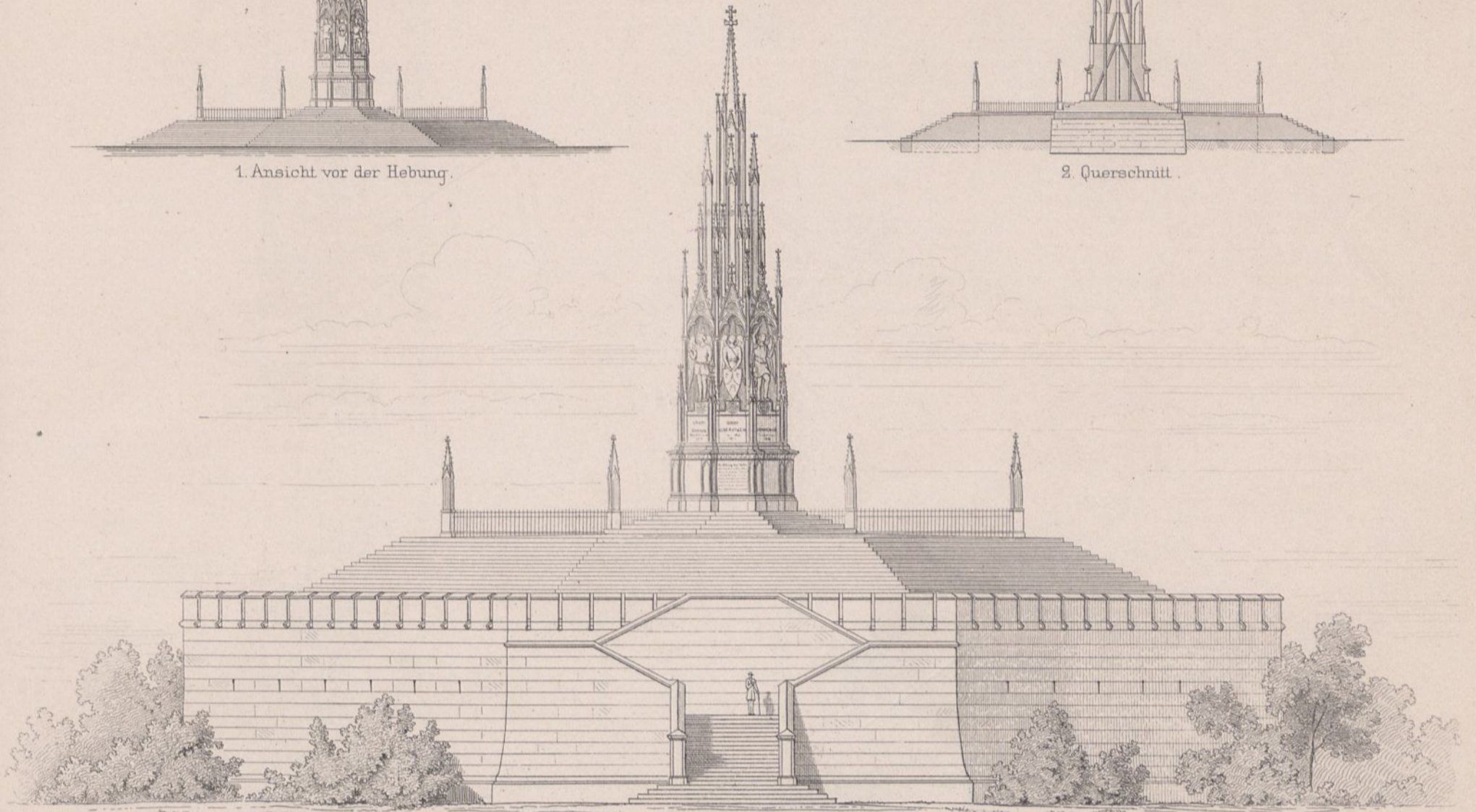




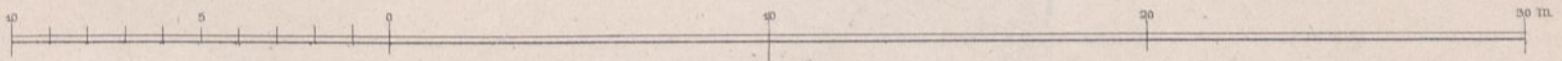
1. Ansicht vor der Hebung.



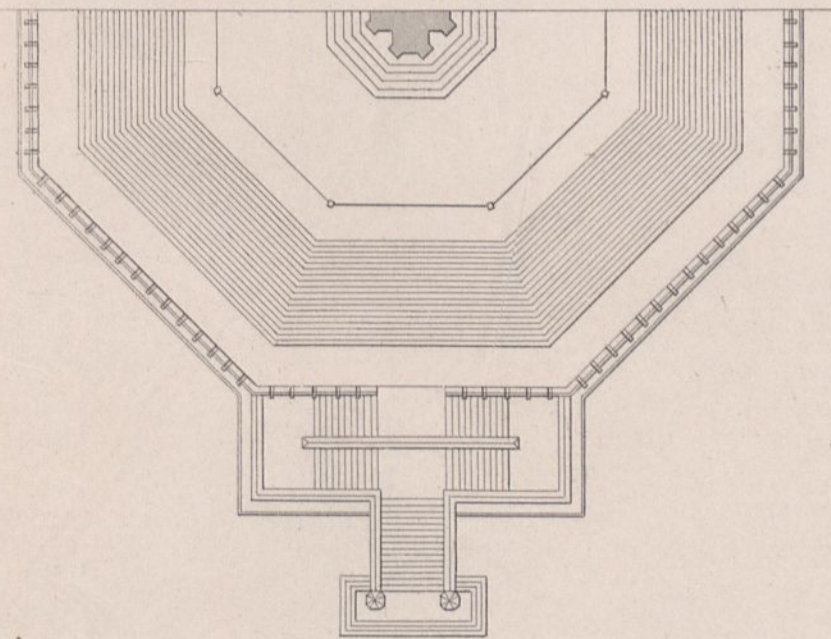
2. Querschnitt.



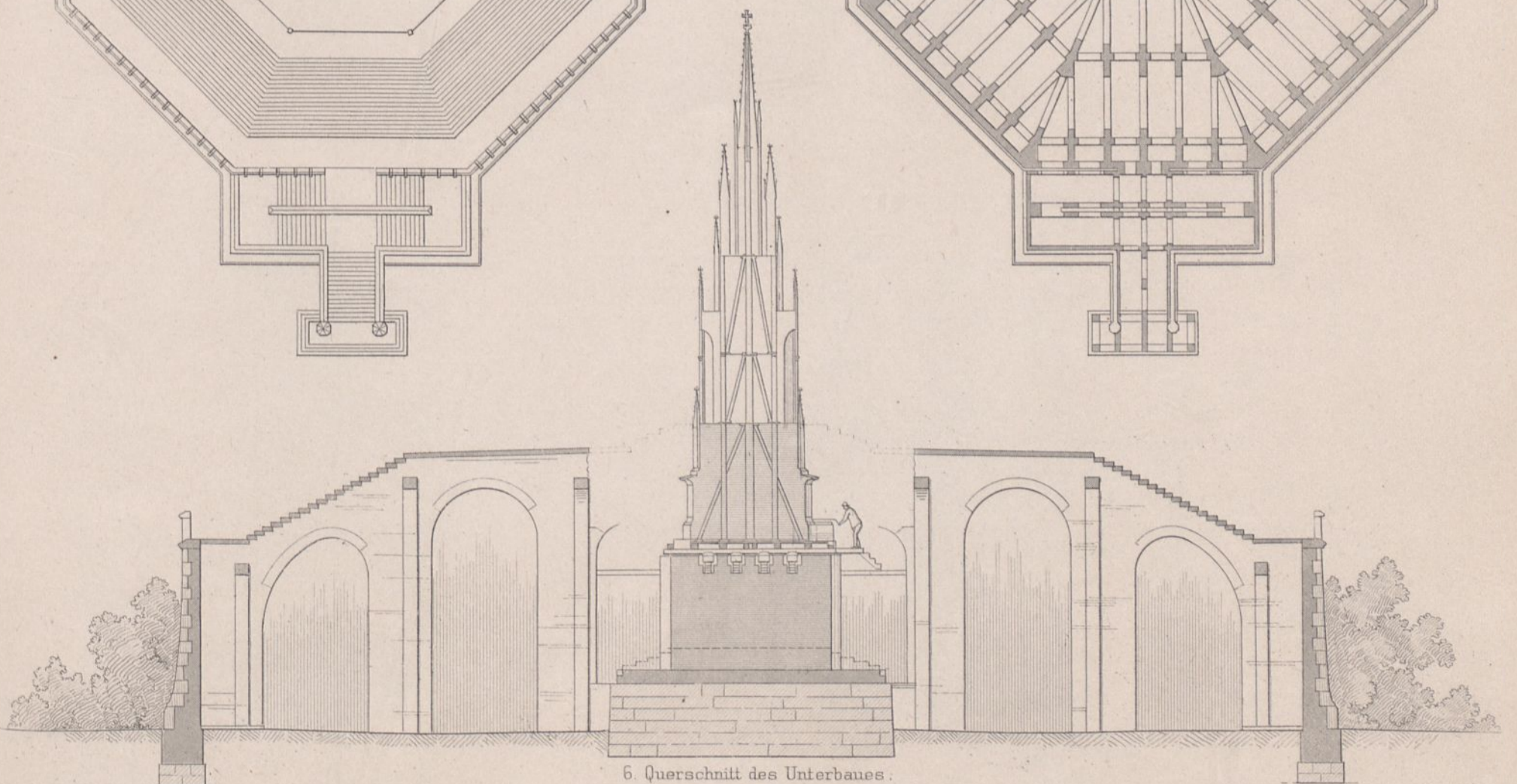
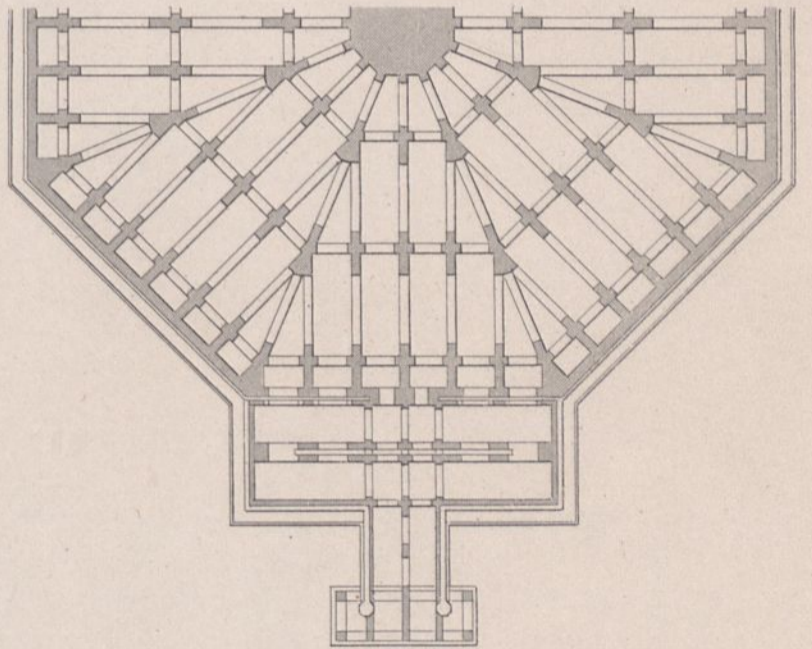
3. Haupt-Ansicht mit dem neuen Unterbau.



4. Aufsicht des Unterbaues.

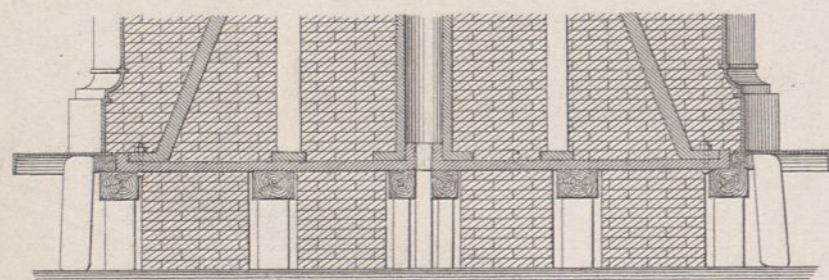


5. Grundriss des Unterbaues.

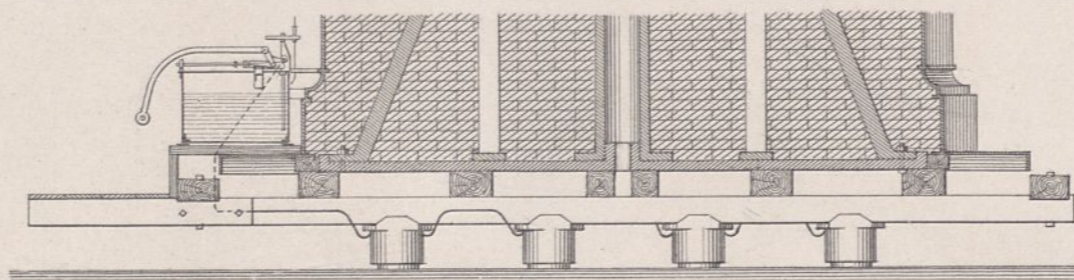


6. Querschnitt des Unterbaues.

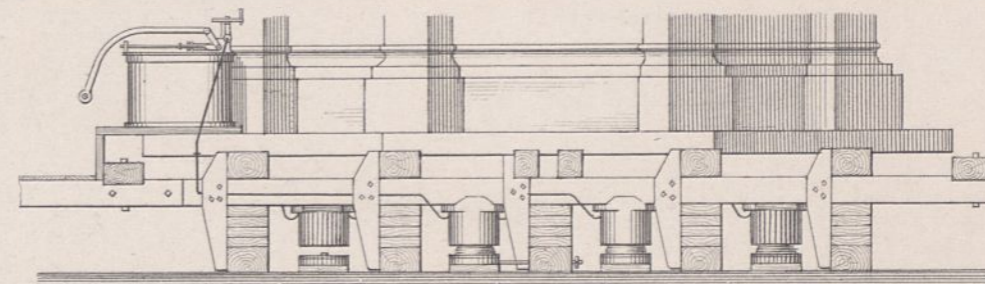
Erhöhung des Krieger-Denkmal auf dem Kreuzberge zu Berlin.



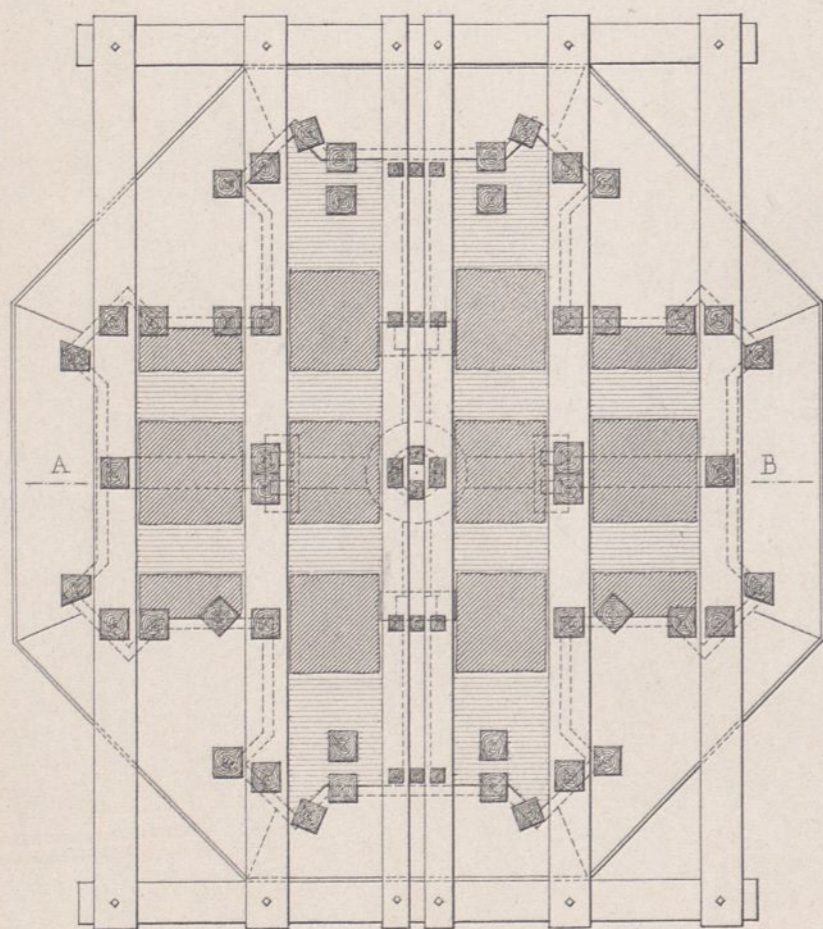
1. Schnitt nach A.B.



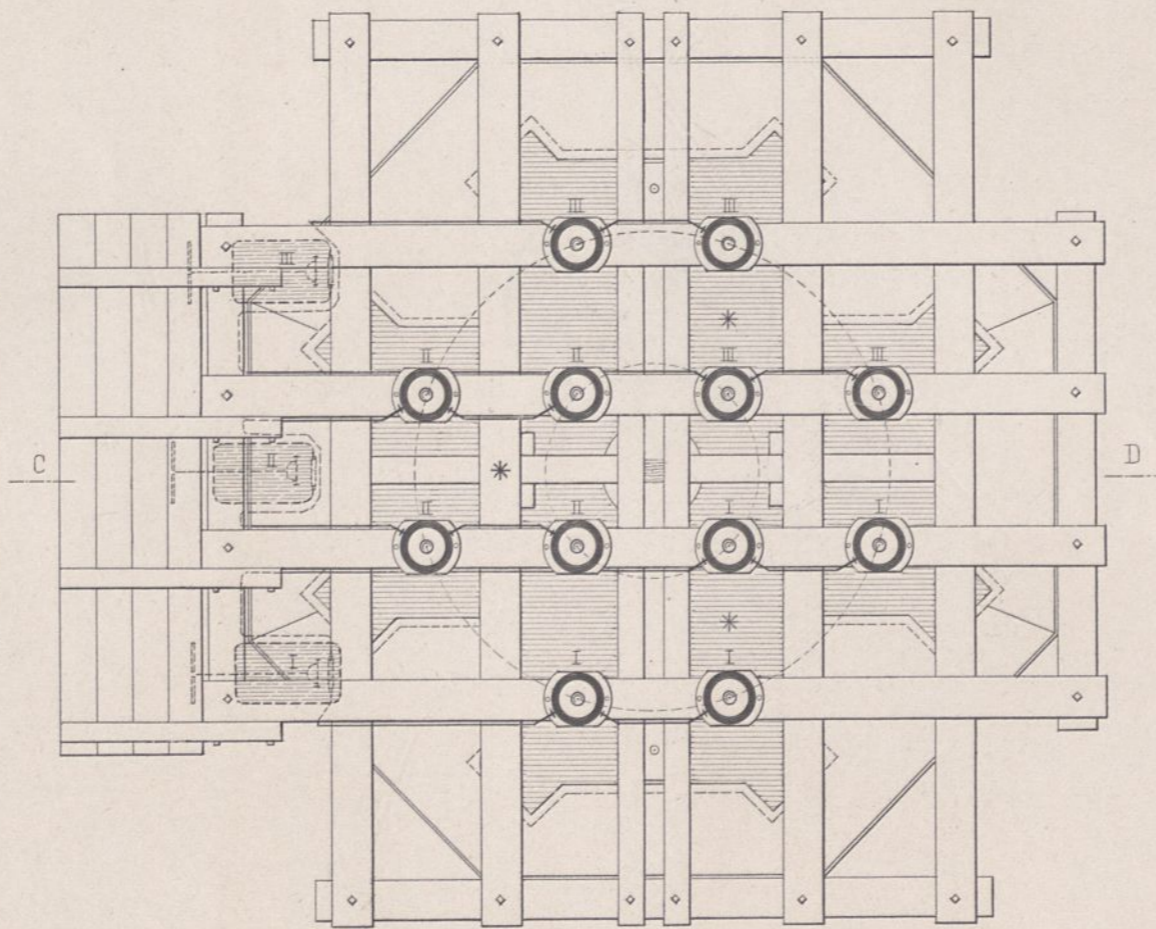
3. Schnitt nach C.D.



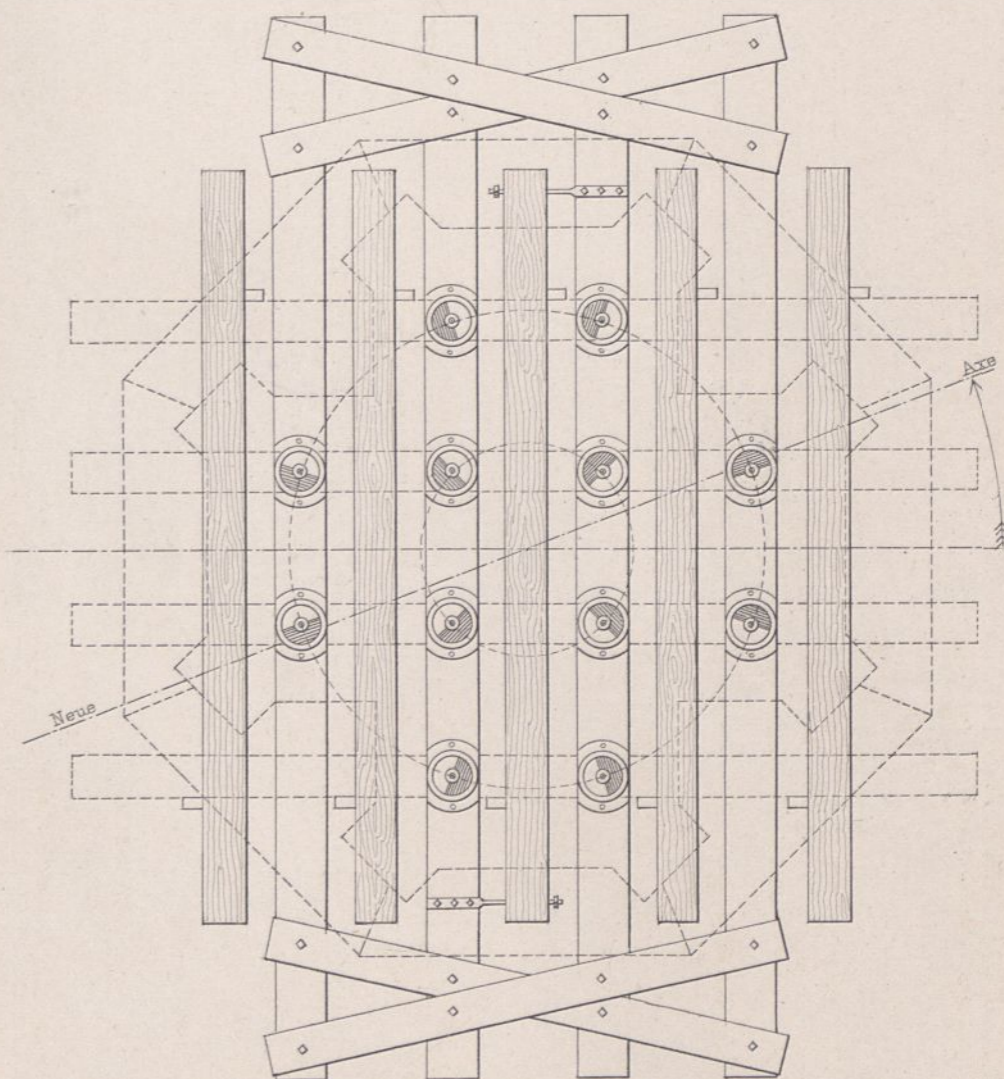
5. Ansicht während der Drehung.



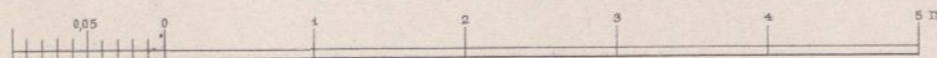
2. Grundriss der oberen Balkenlage mit den provisorischen Absteifungen u. den Canälen für die Pressenbalken.



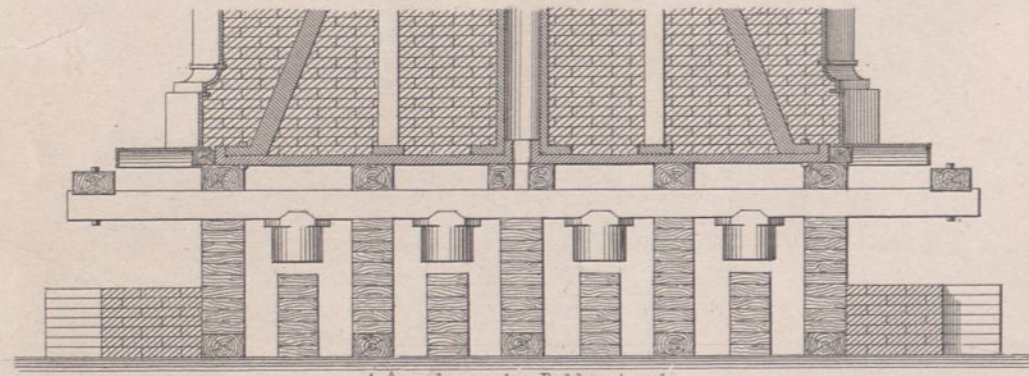
4. Unteransicht des Balkenrostes mit den hydraul. Pressen.



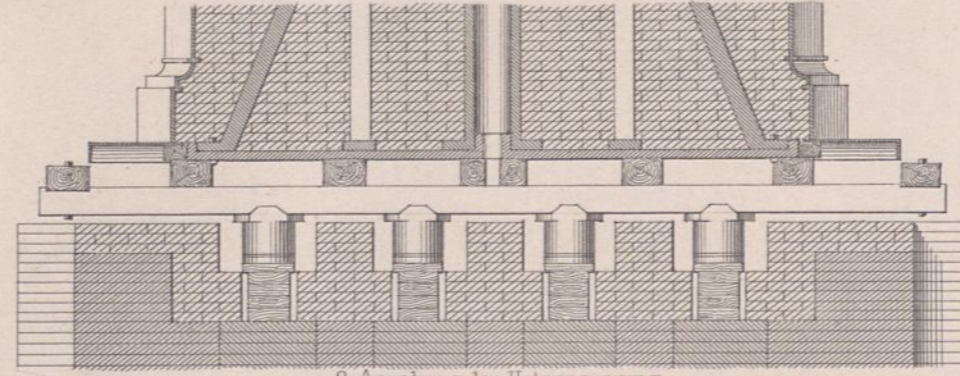
6. Anordnung der Bohlen u Kipp-Platten zur Drehung.



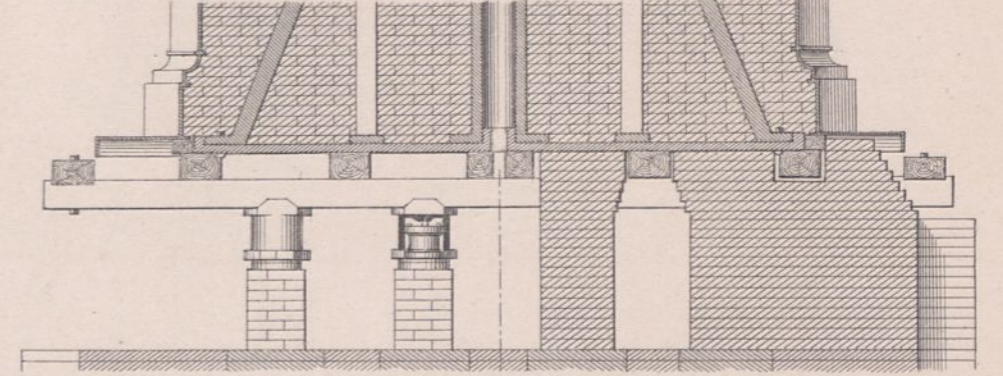
Erhöhung des Krieger-Denkmal's
auf dem Kreuzberge zu Berlin.



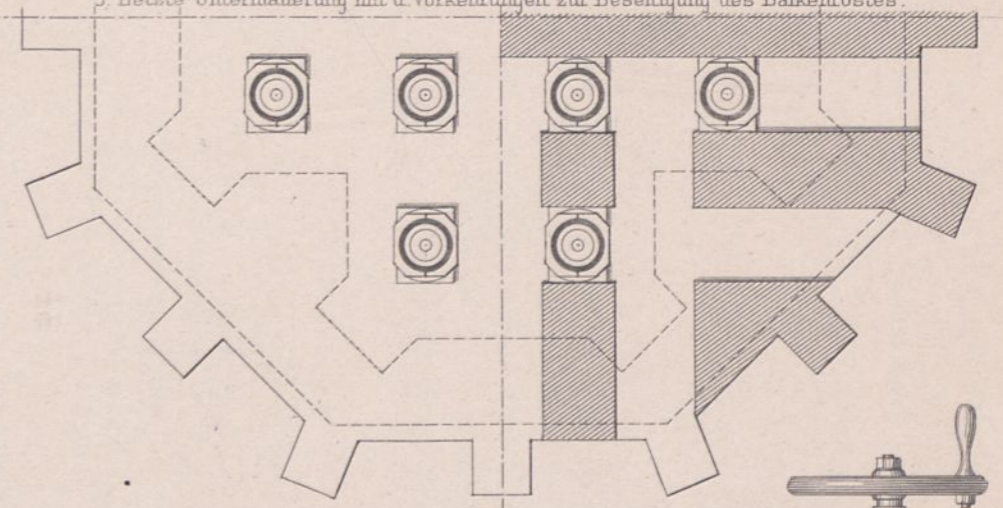
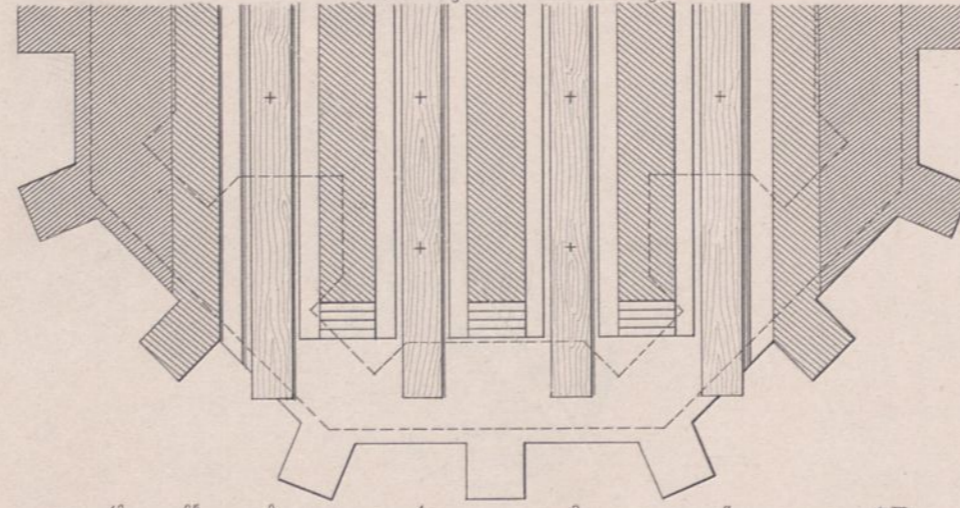
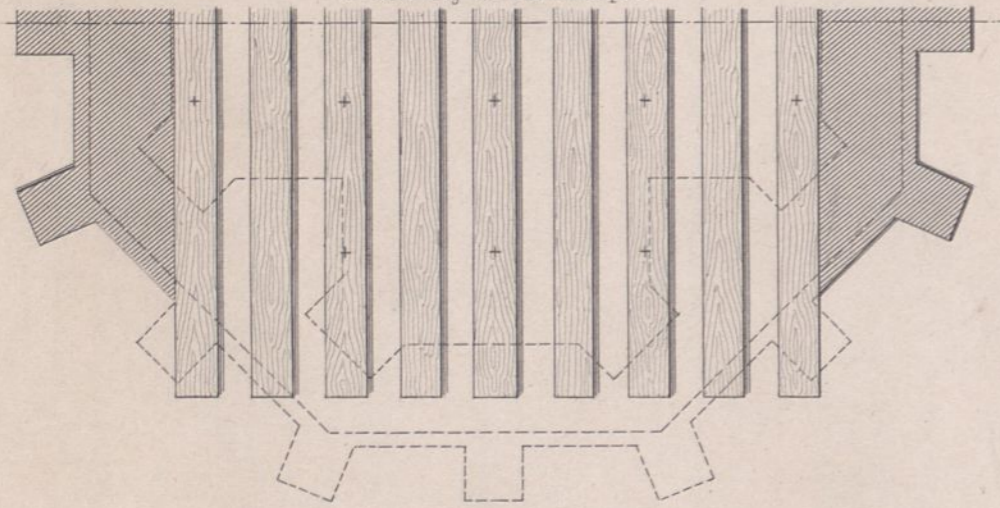
1 Anordnung der Bohlenstapel.



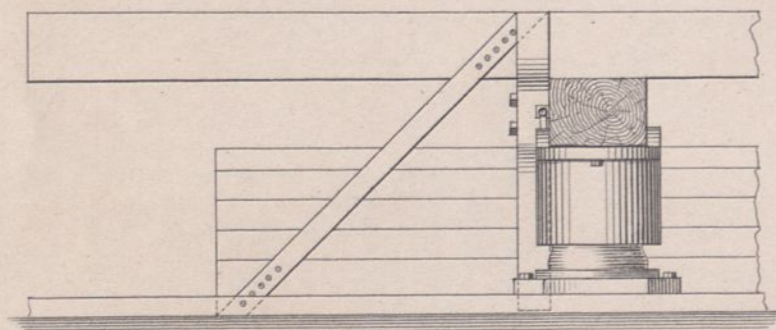
2 Anordnung der Untermauerung.



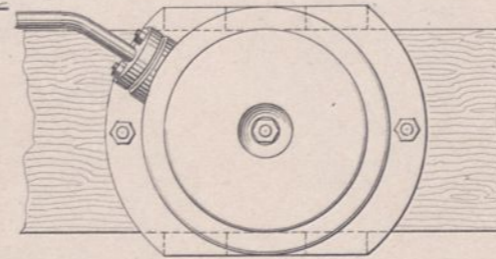
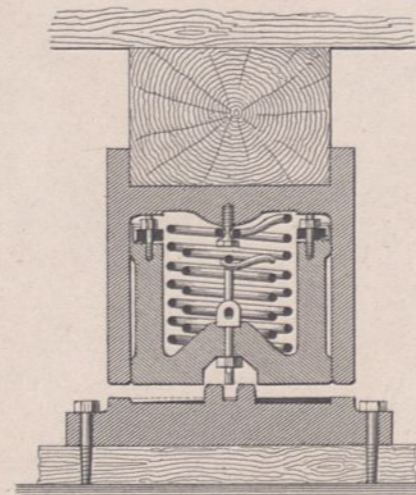
3 Letzte Untermauerung mit d. Vorkehrungen zur Beseitigung des Balkenrostes.



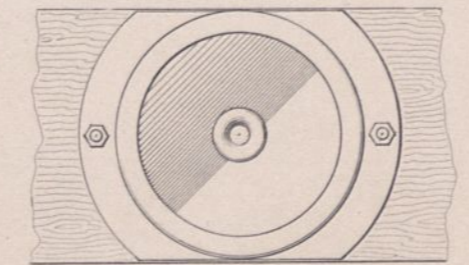
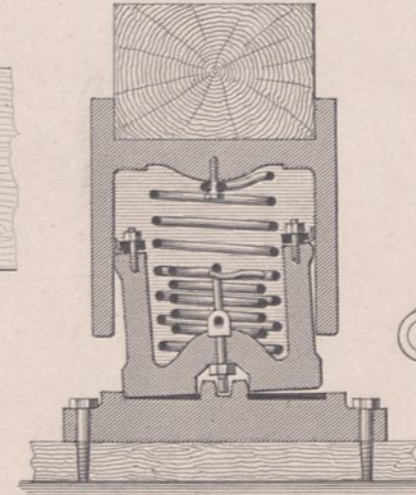
0 0.5 1 2 3 4 m.



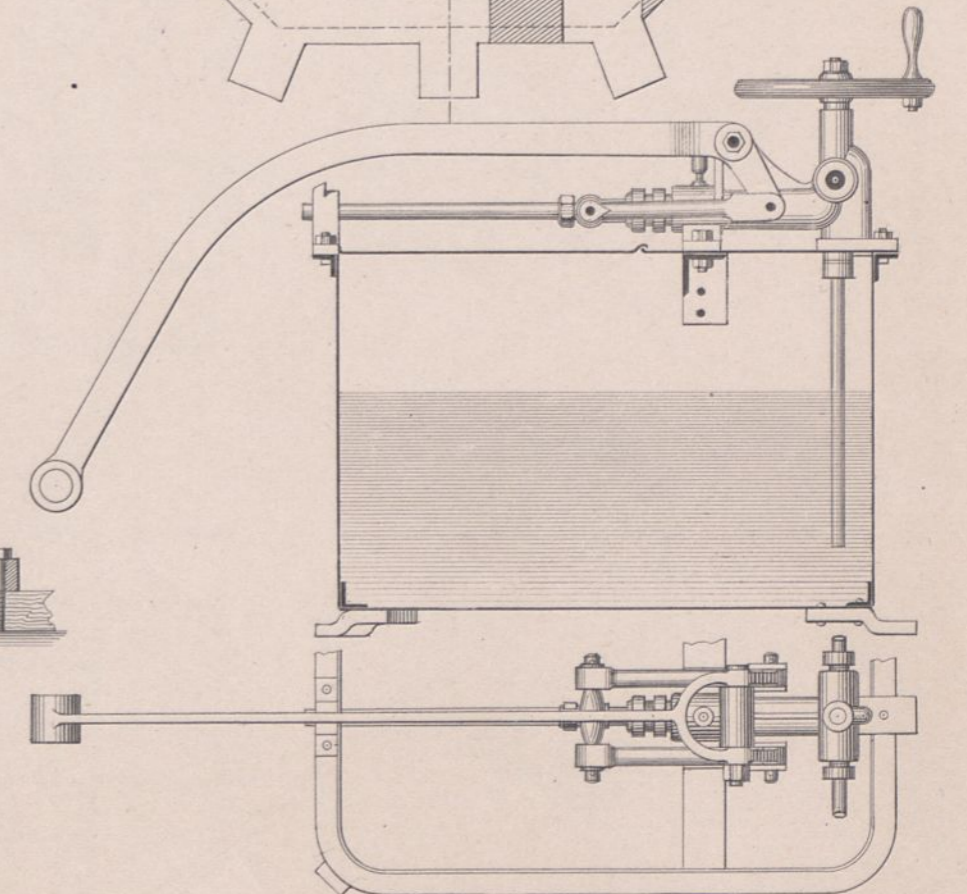
0 0.5 1 m.



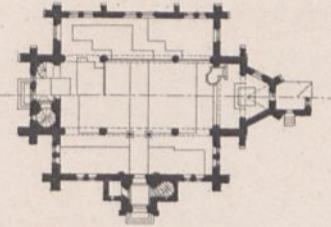
Details.



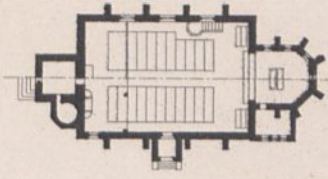
0 10 20 30 40 50 cm.



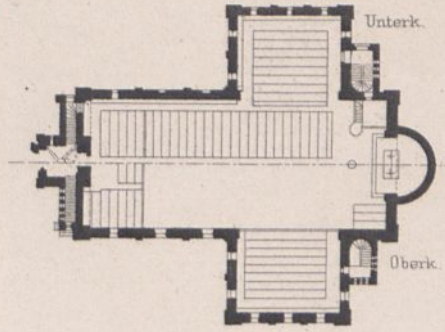
Ev. Kirche zu Fordon.



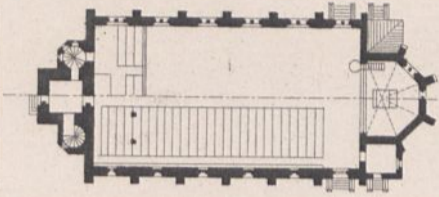
Kathol. Kirche zu Neukirch.



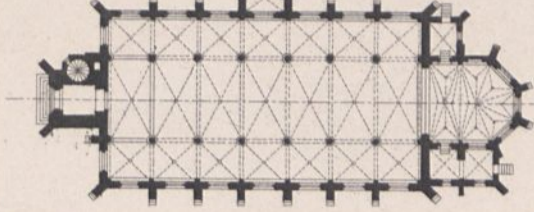
Ev. Kirche zu Neu-Cüstrinchen.



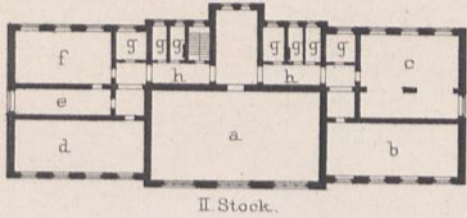
Ev. K. zu Friedersdorf.



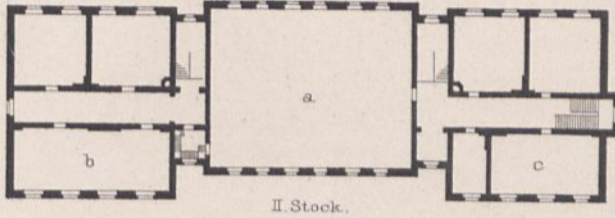
Kathol. K. zu Hoch-Stüblan.



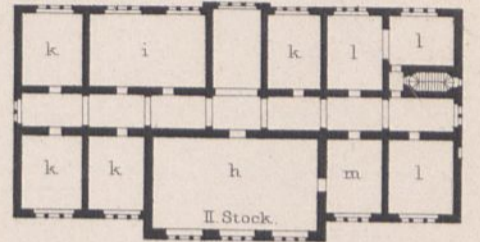
Seminar zu Fulda.



Kaiser-Wilhelm-Gymnasium zu Hannover.



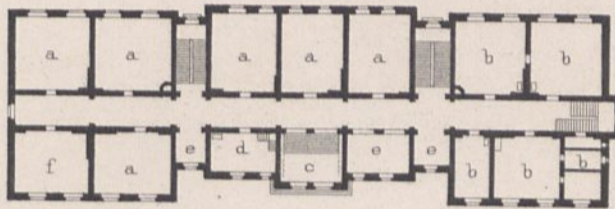
Gymnasium zu Hamm.



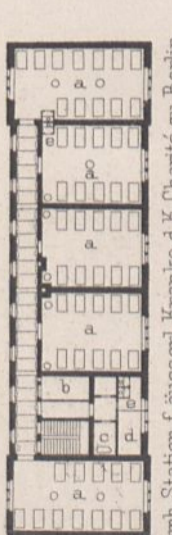
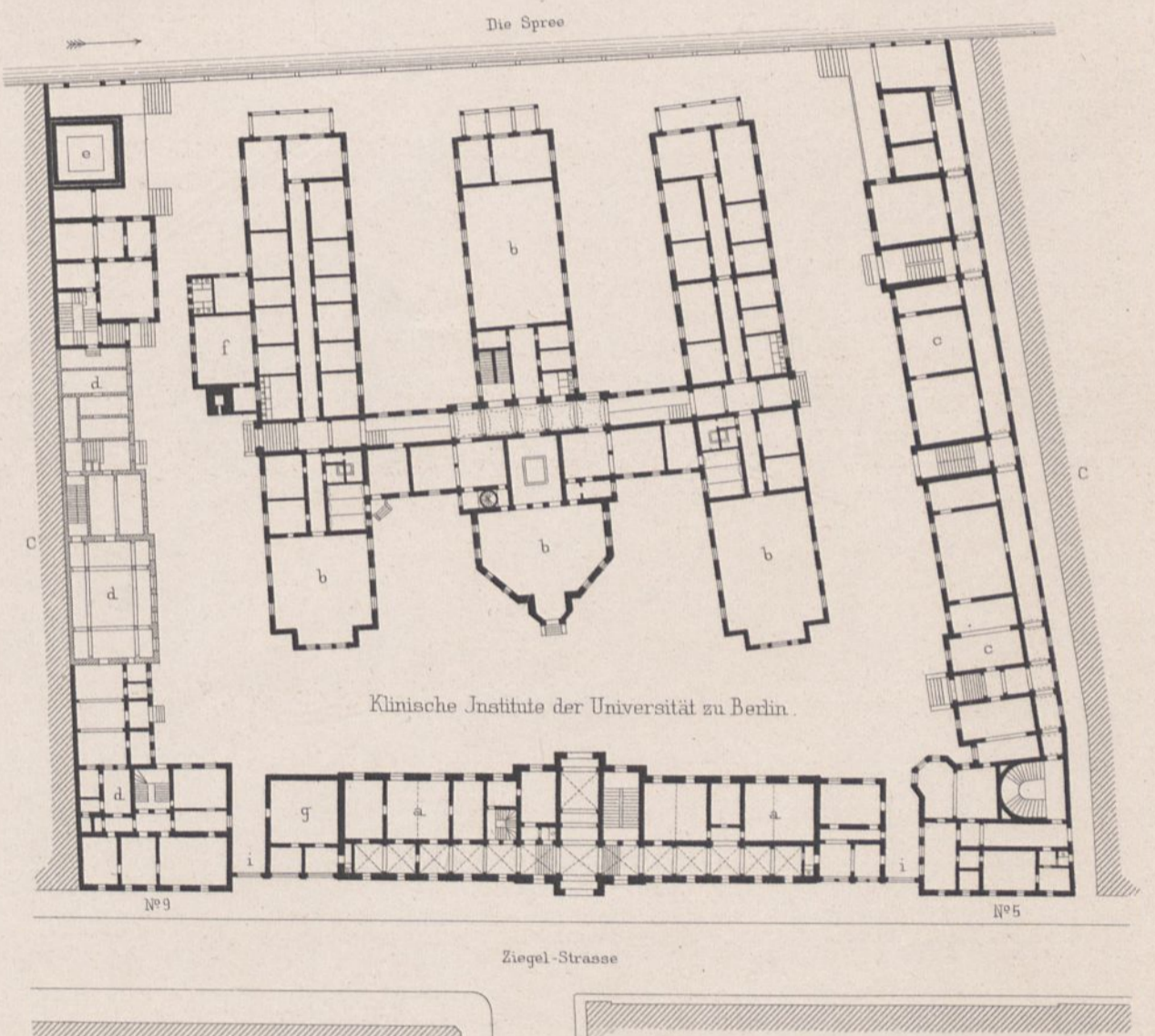
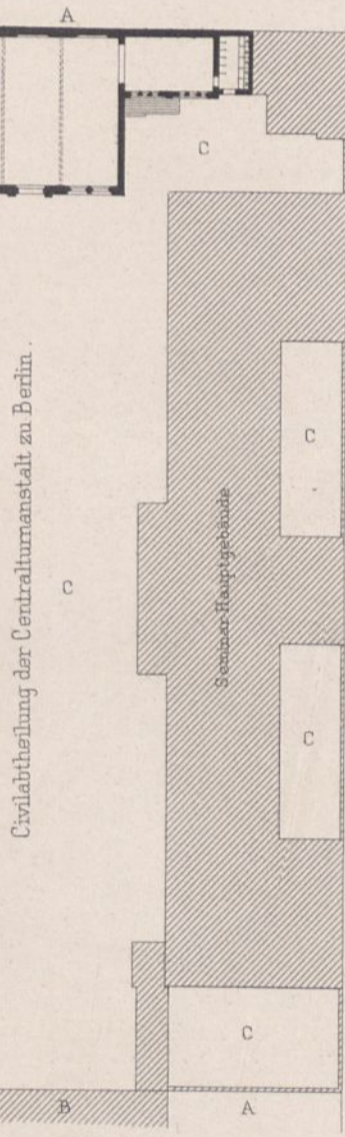
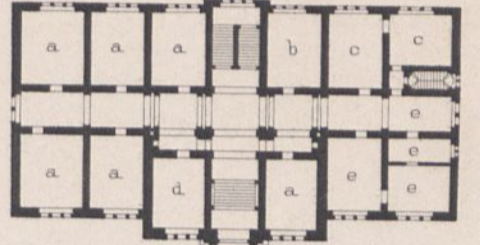
Erdgeschoss.



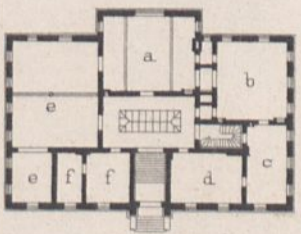
Erdgeschoss.



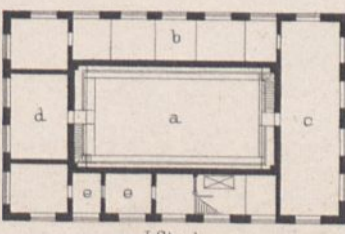
Erdgeschoss.



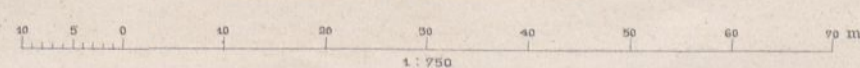
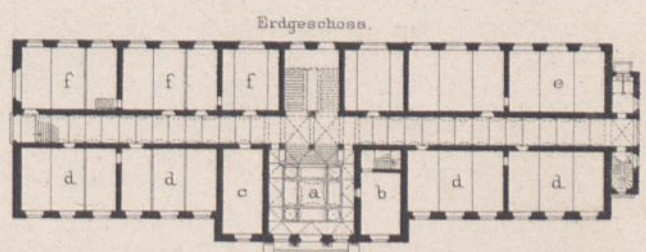
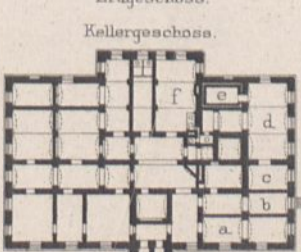
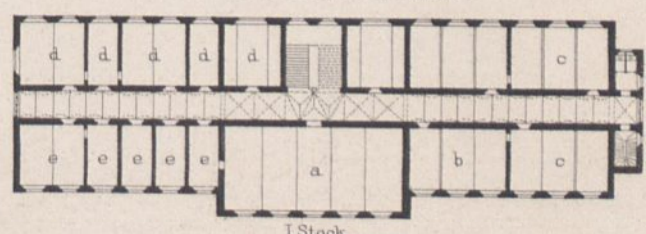
Anatomie-Gebäude zu Kiel.



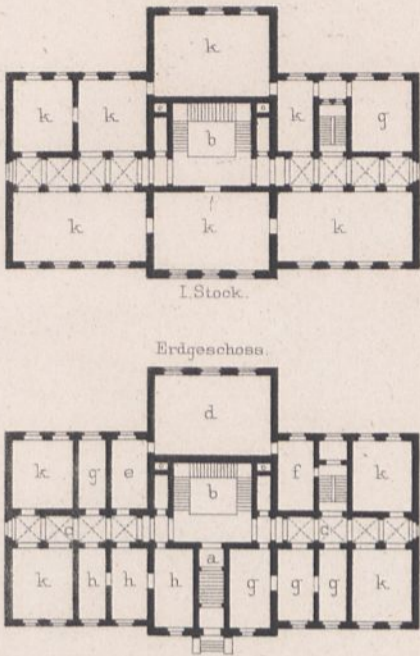
Zoologisches Institut zu Kiel.



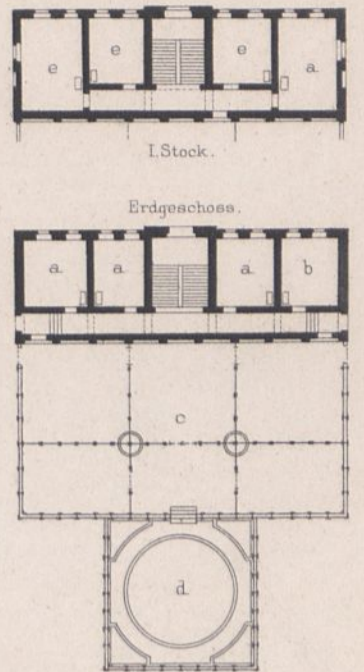
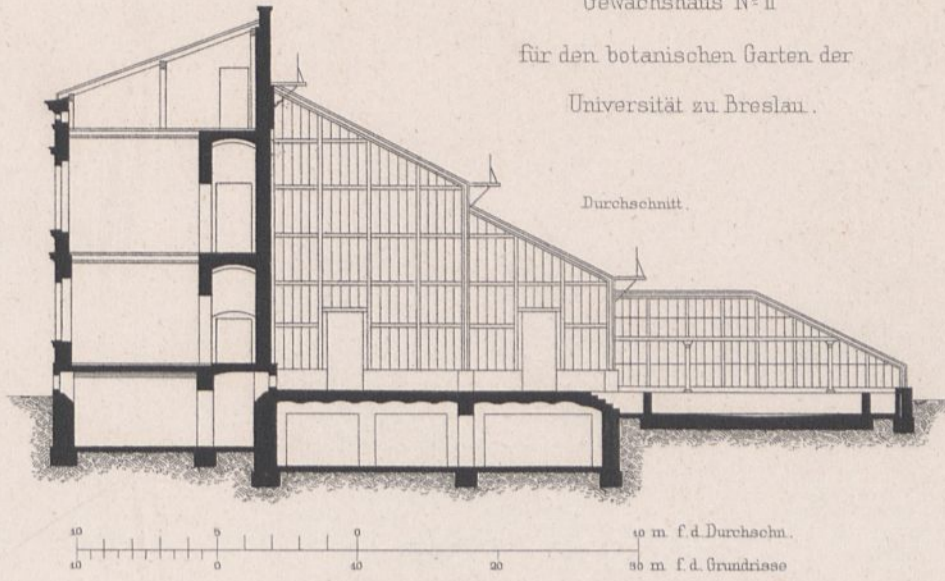
Zeichnen-Akademie in Hanau.



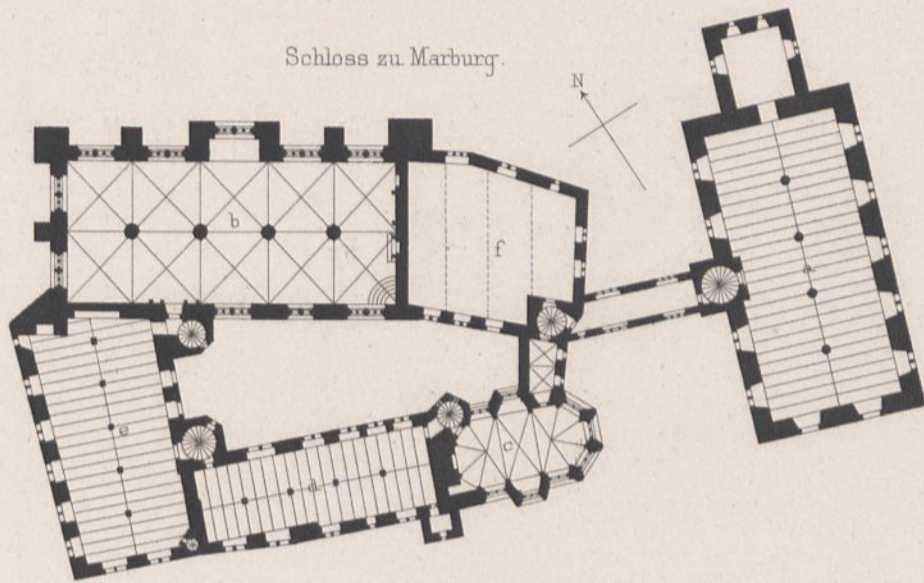
Herbarium u. botanisches Museum
zu Berlin.



Gewächshaus N^o II
für den botanischen Garten der
Universität zu Breslau.

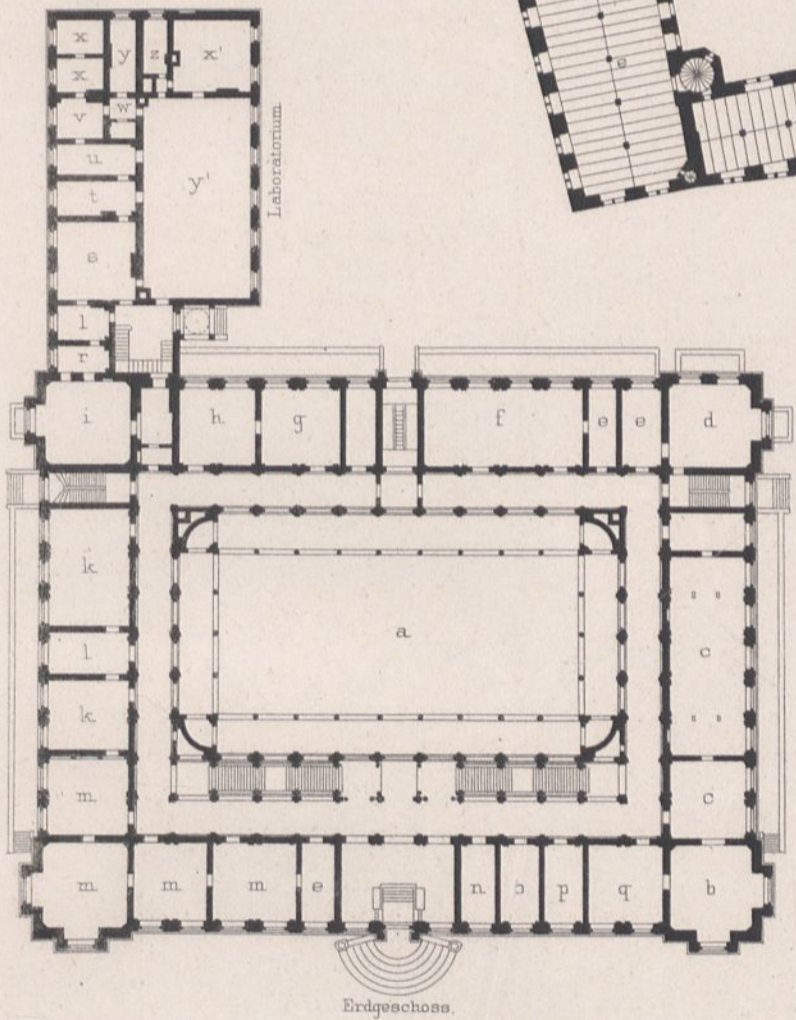


Schloss zu Marburg.

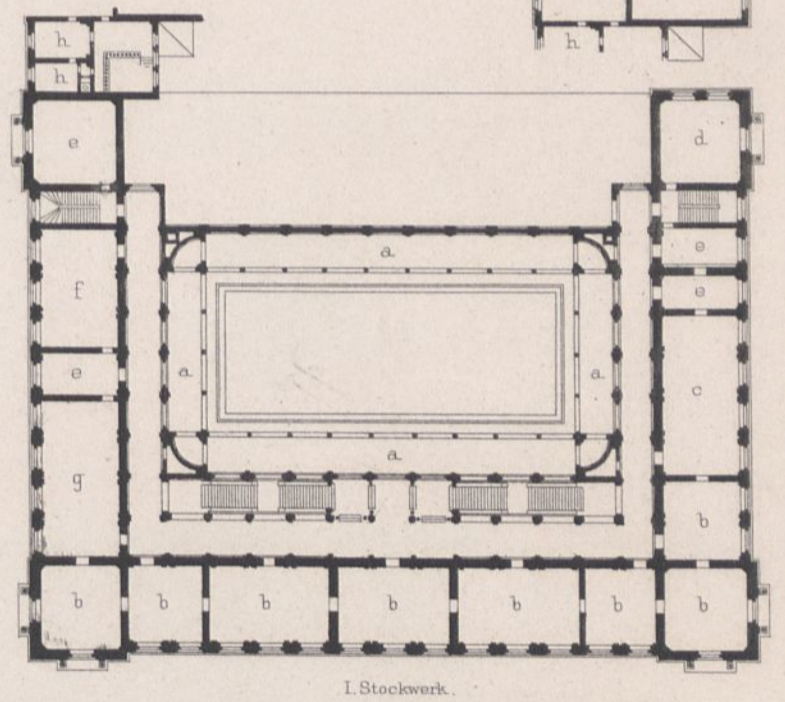


a Archiv.
b Nördl. Flügel,
Ritteraal.

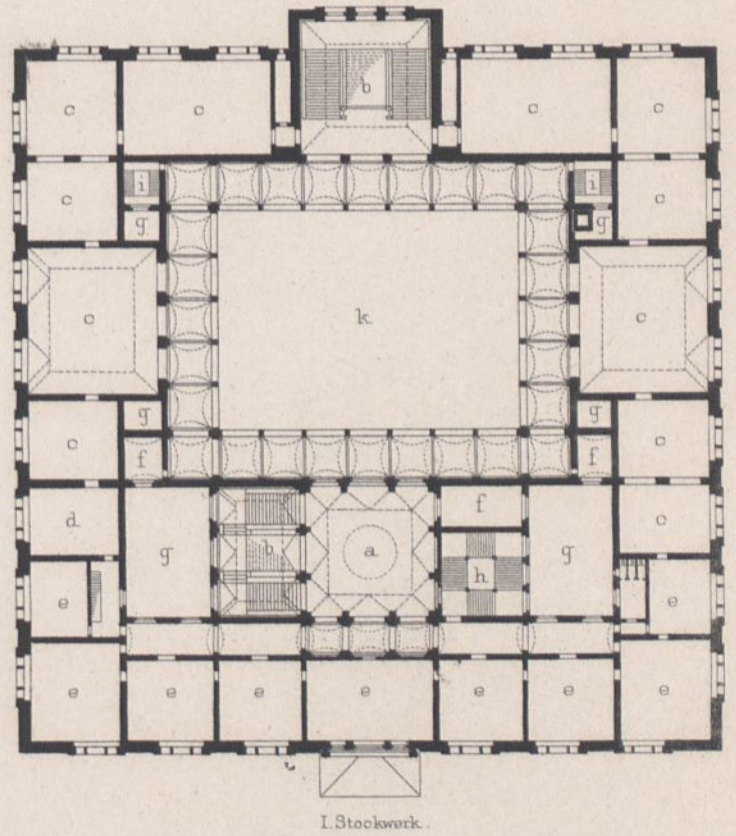
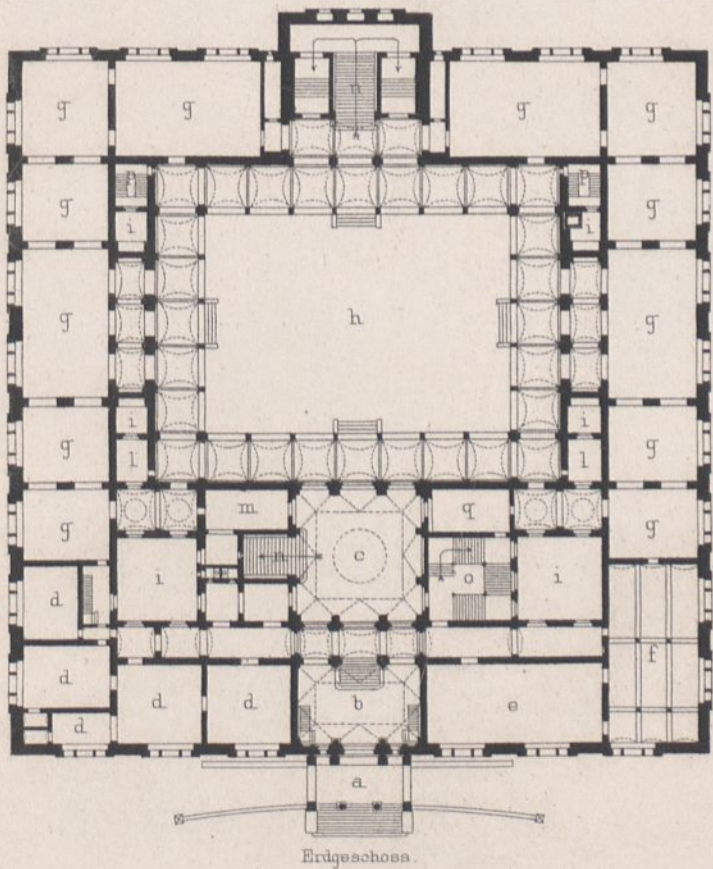
c Capelle.
d südl. Flügel,
e westl. - u. f. } Archiv.



Geologische
Landes-Anstalt
und
Berg-Akademie
zu Berlin.



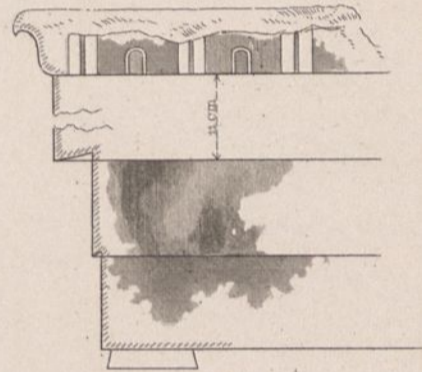
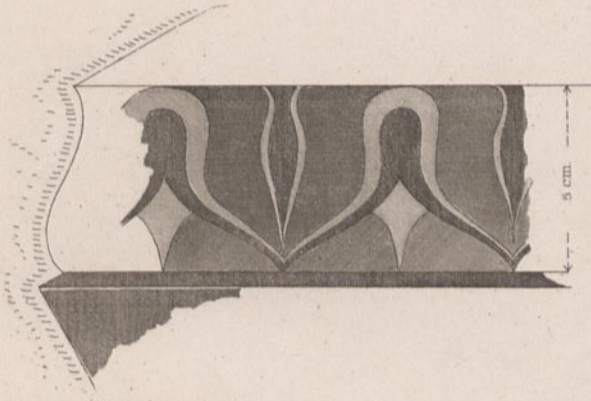
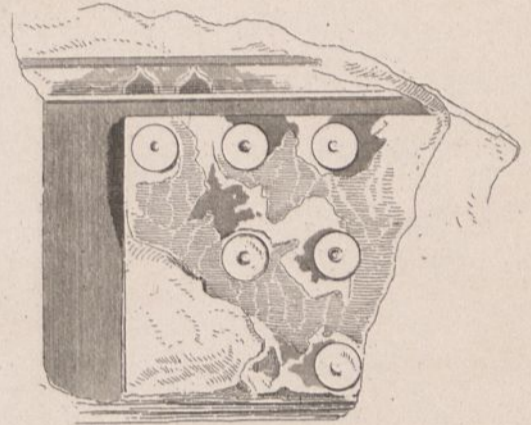
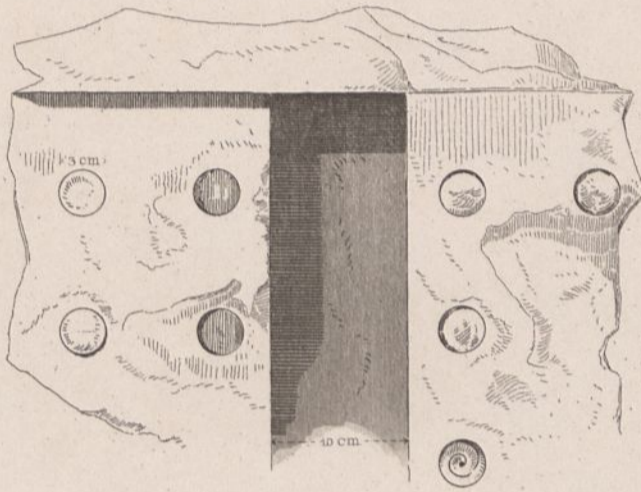
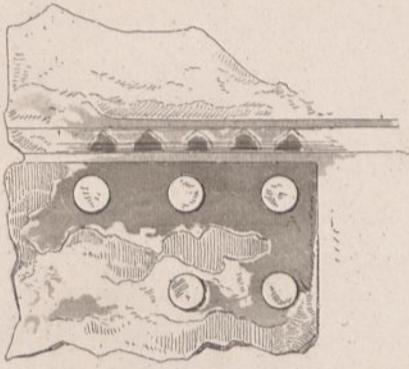
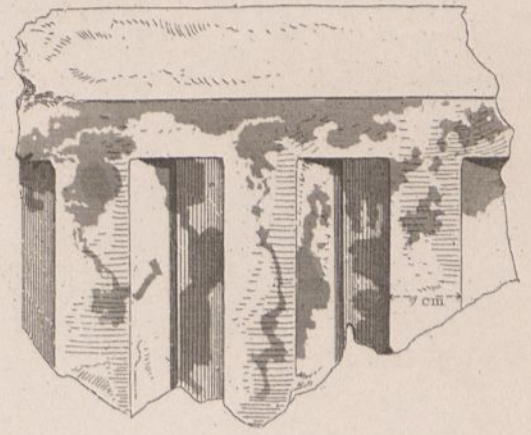
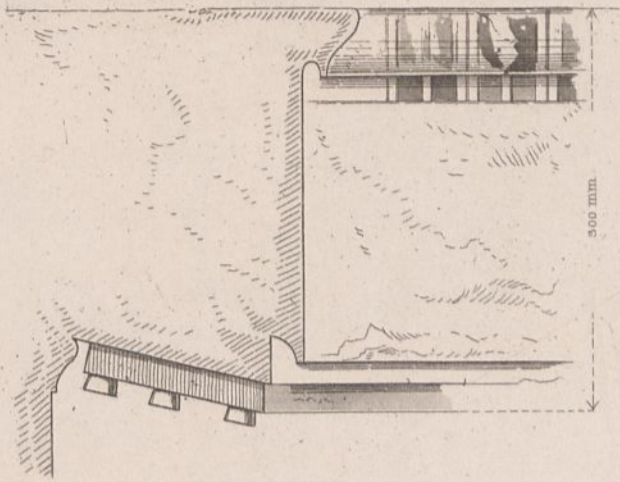
Deutsches
Gewerbe-Museum
zu Berlin.



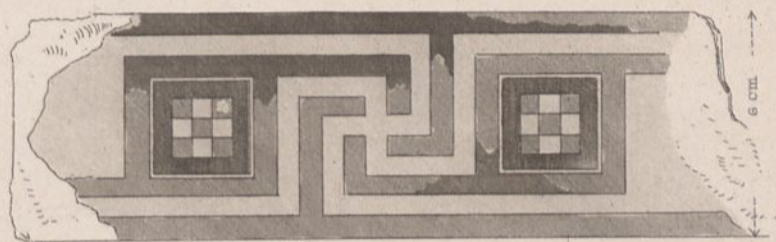
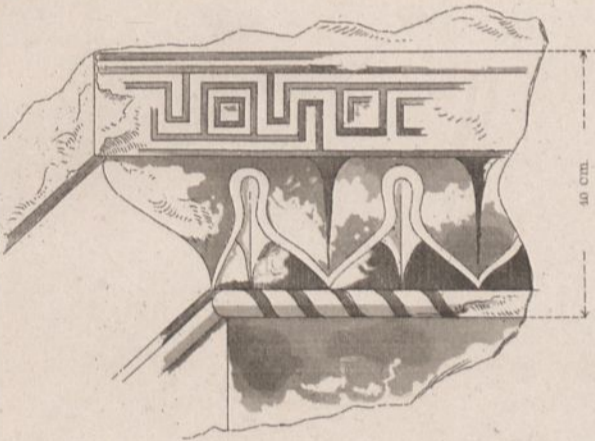
4 : 750

(Tafel X).

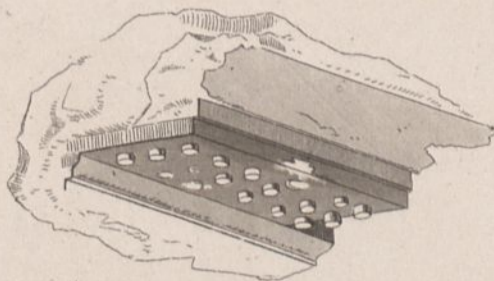
Bemalte Reste aus porösem Kalkstein mit Stucküberzug.



aus Athen.



aus Palermo.



1/2 n. Gr.



Bemalte Terracotten aus Athen.



1/4 n. Gr.

(Tafel XI).

Vom Zeustempel in Girgenti.

Kapitäl aus 2 Stücken 3,5 x 1,7 x 2,6 - 15,2 cbm.

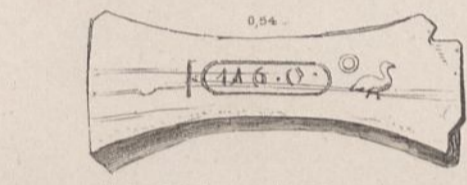
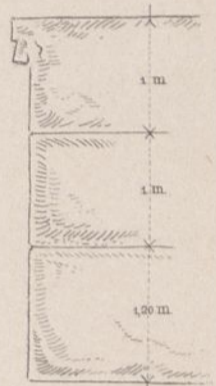
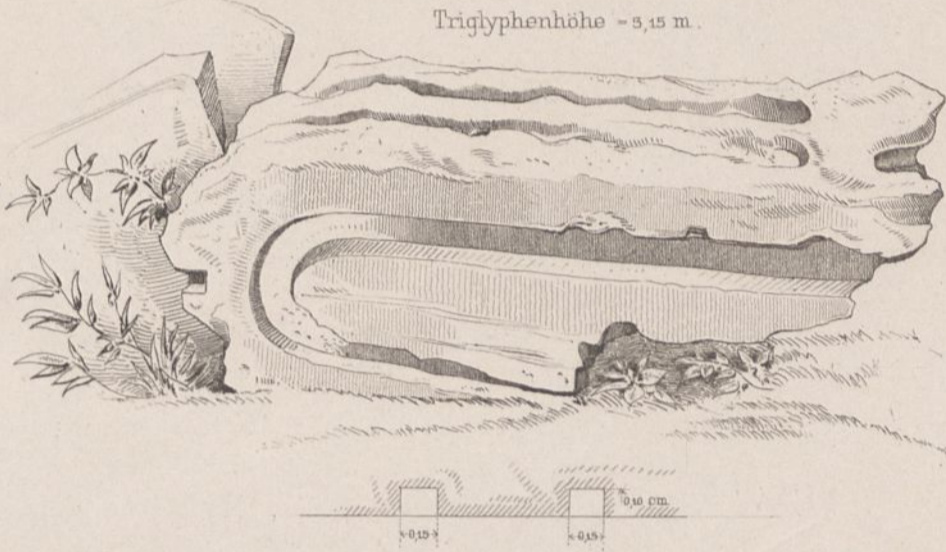
Gesimsstück 3,7 x 1,5 x 1,4 - 8,77 cbm.



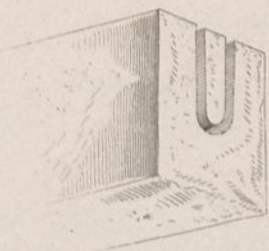
Säulenstrunk mit Canneluren.

Triglyphenhöhe = 3,15 m.

Architrav aus 3 Schichten.



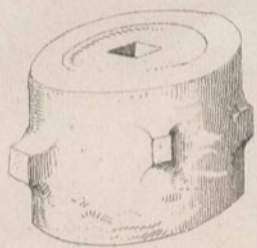
Holzdübel aus Abydos (Aegypten).



Architrav auf Aegina.



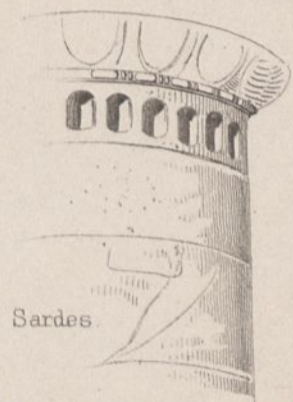
Eisenklammern aus Athen.



Athen.



Athen.



Sardes.

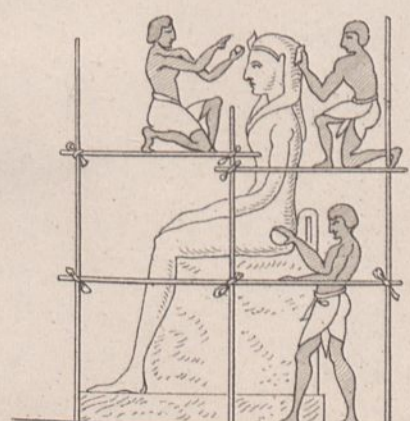
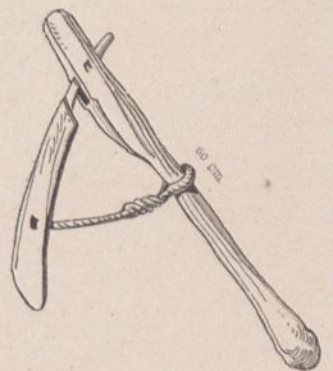
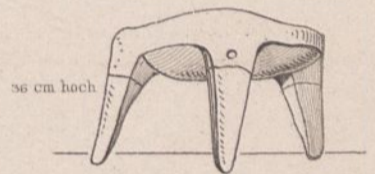
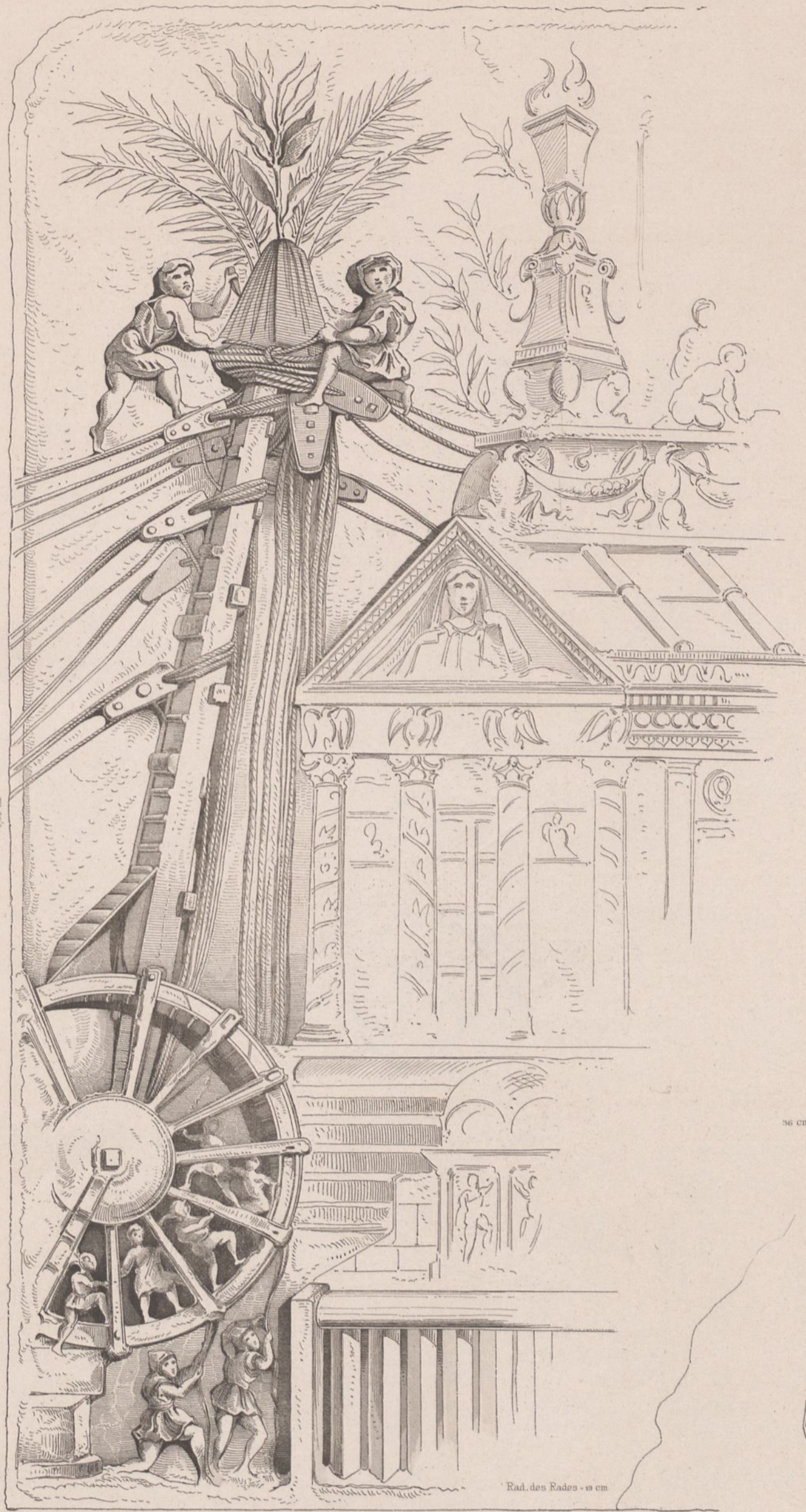
Atlante aus dem Zeustempel in Girgenti aus 12 Stücken zusm: 7,70 m lang.



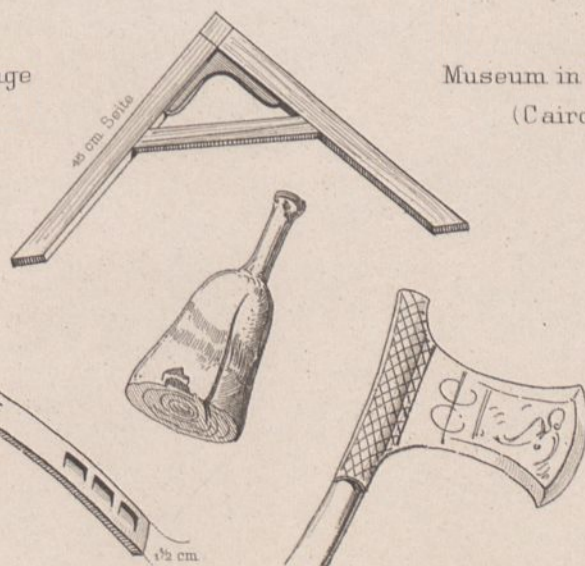
(Tafel XII.)

Marmorrelief aus dem Lateranmuseum in Rom.

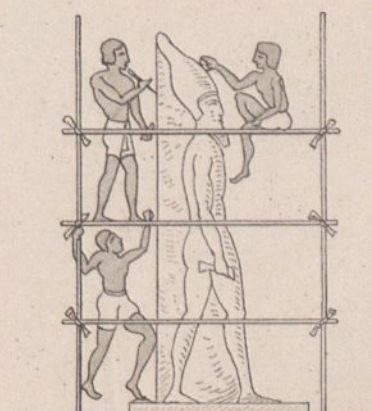
1,05 m.

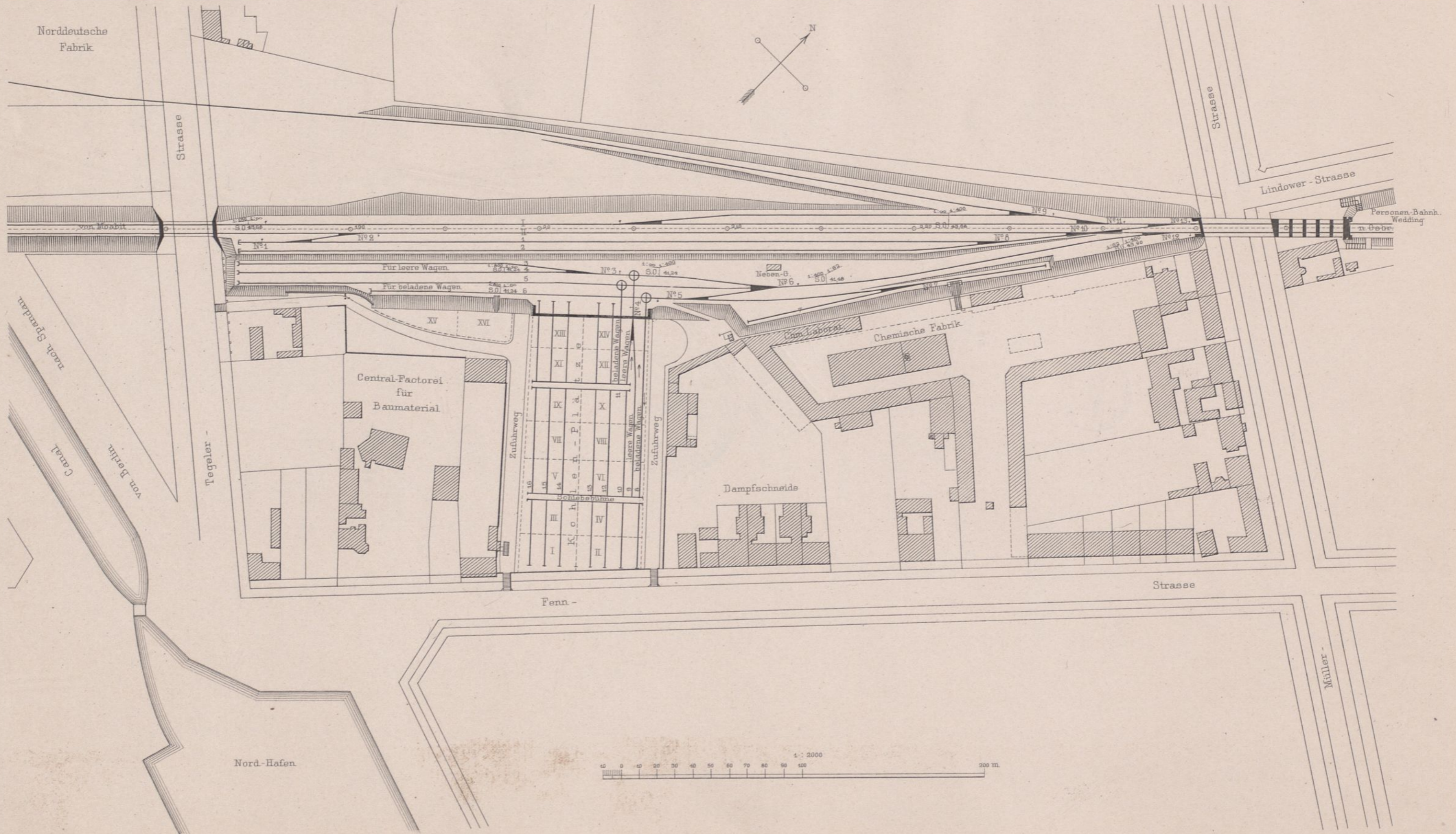


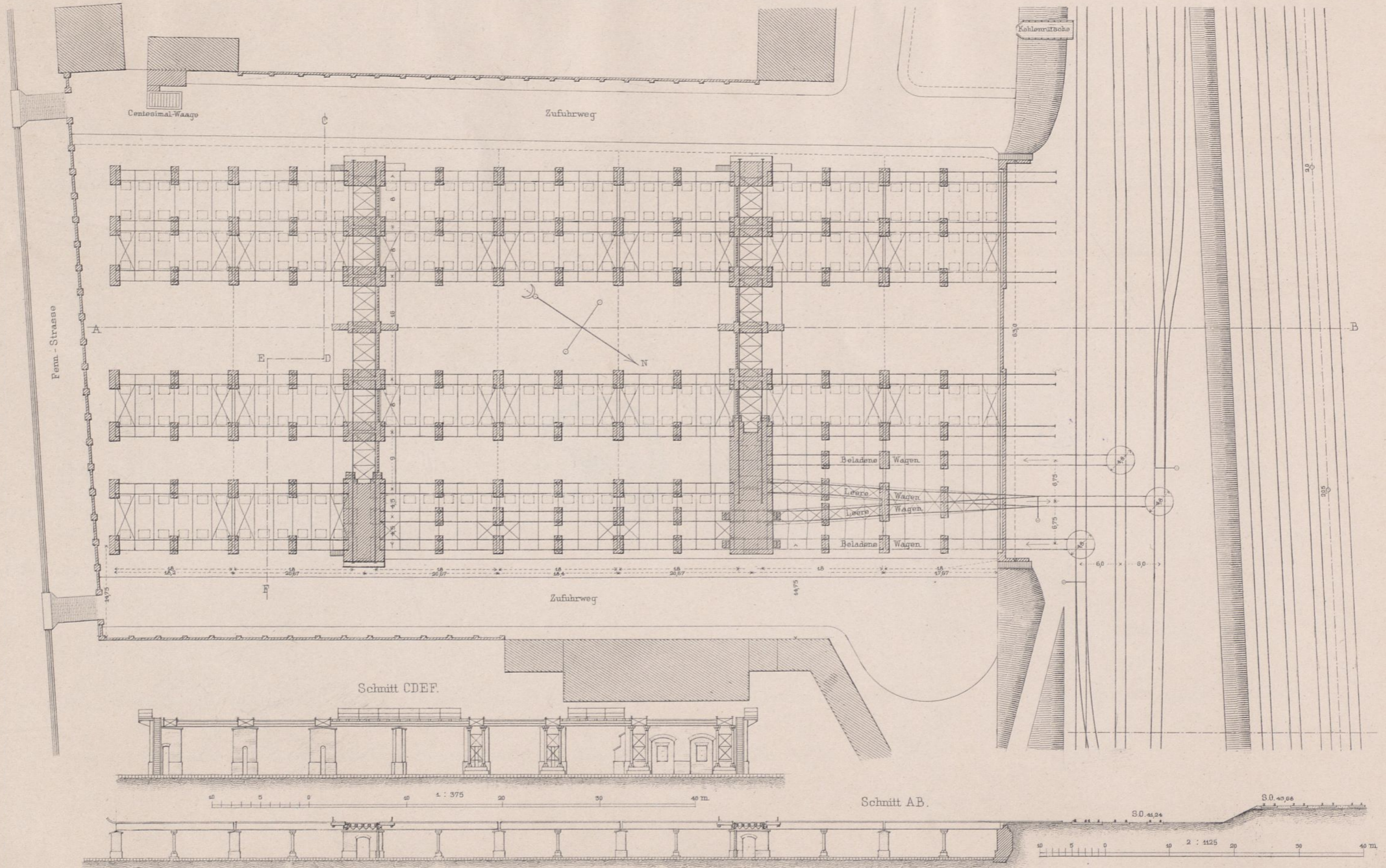
Aegyptische Werkzeuge aus dem



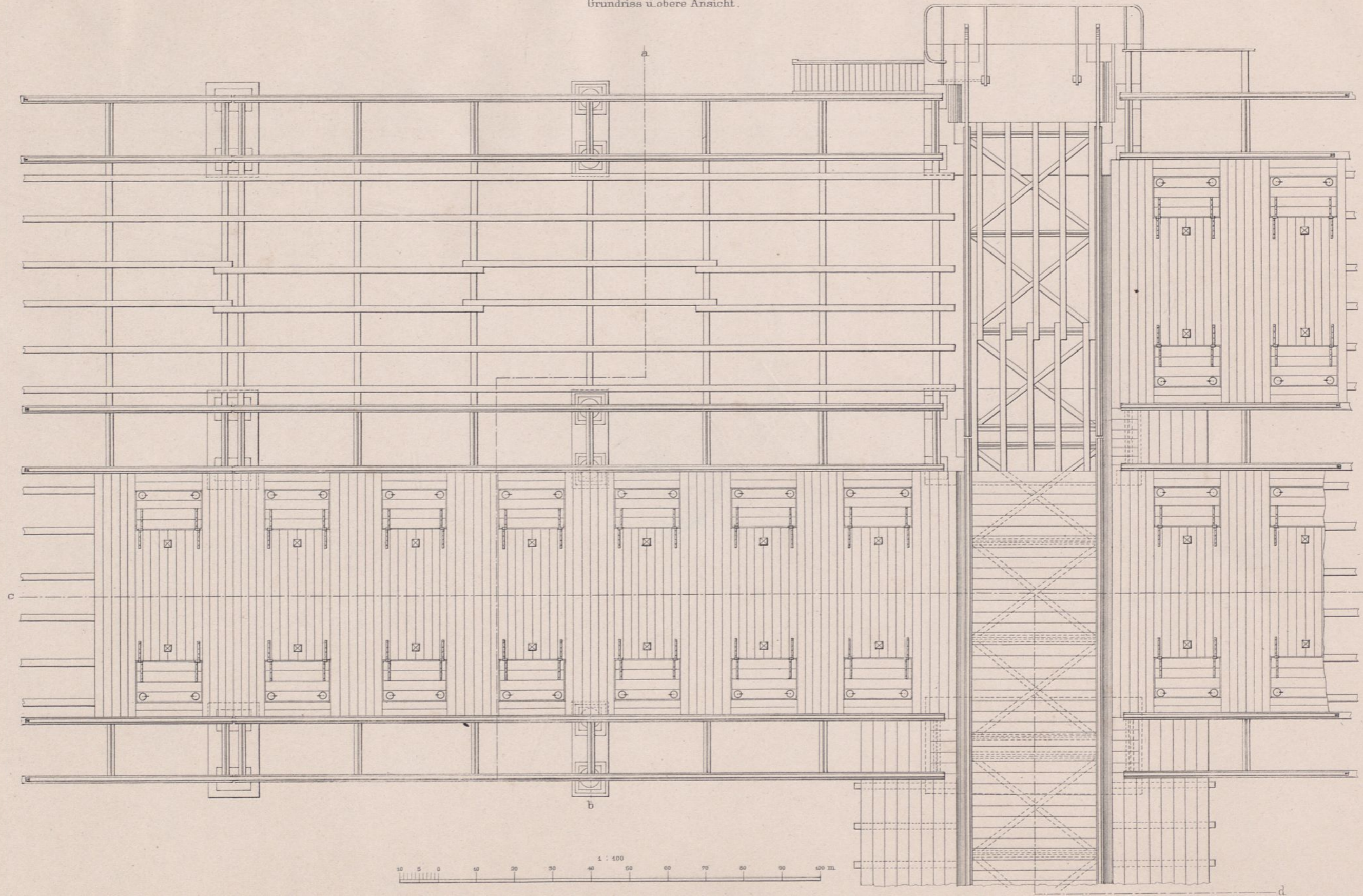
Museum in Bûlak (Cairo).

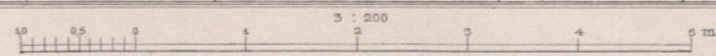
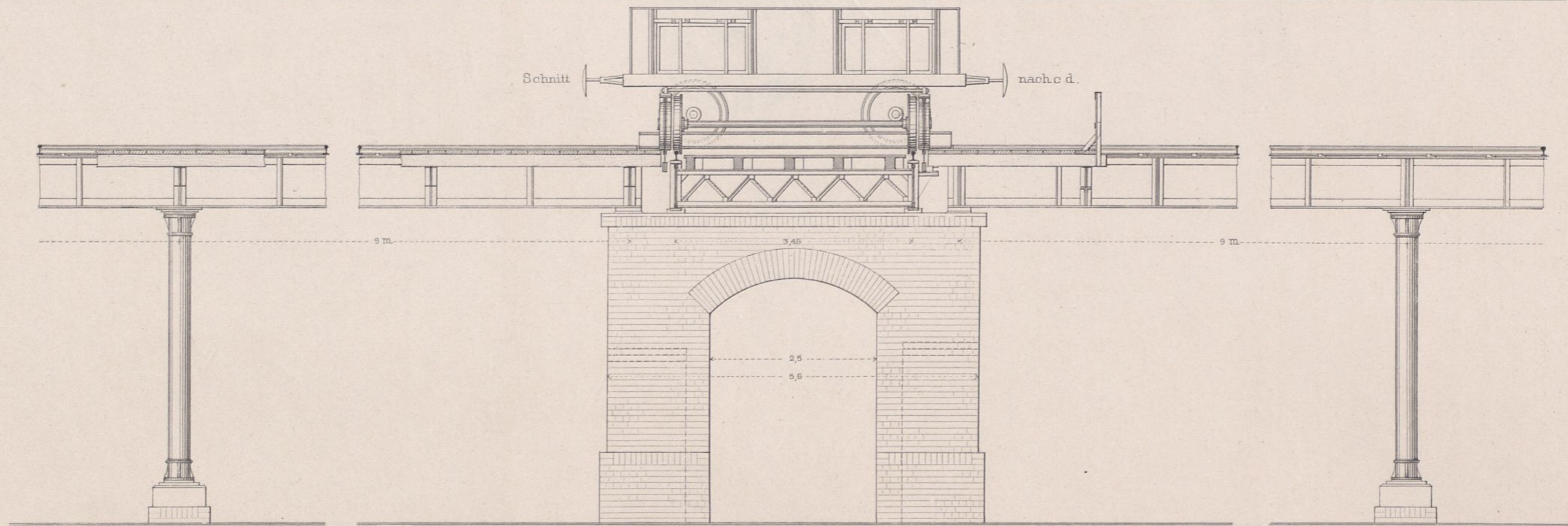
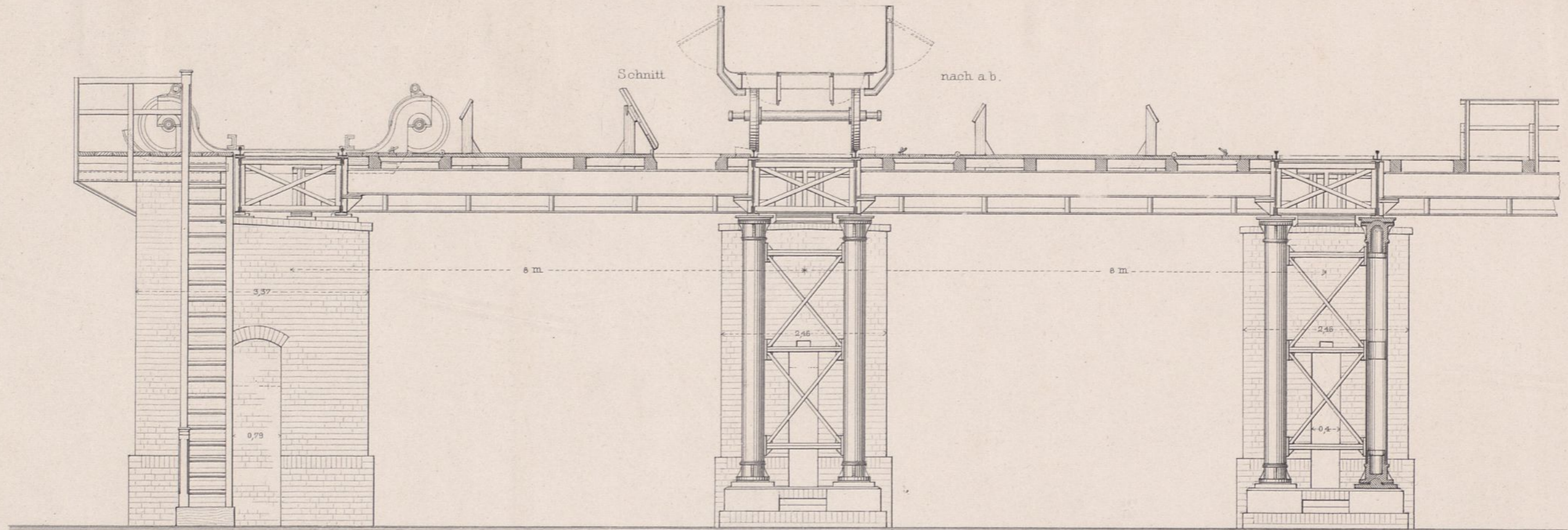






Grundriss u. obere Ansicht.





Ernst & Korn. Berlin.

Kaeder gest.

