



UNIVERSITÄTS-  
BIBLIOTHEK  
PADERBORN

# **Die Konstruktionen in Eisen**

**Königer, Otto**

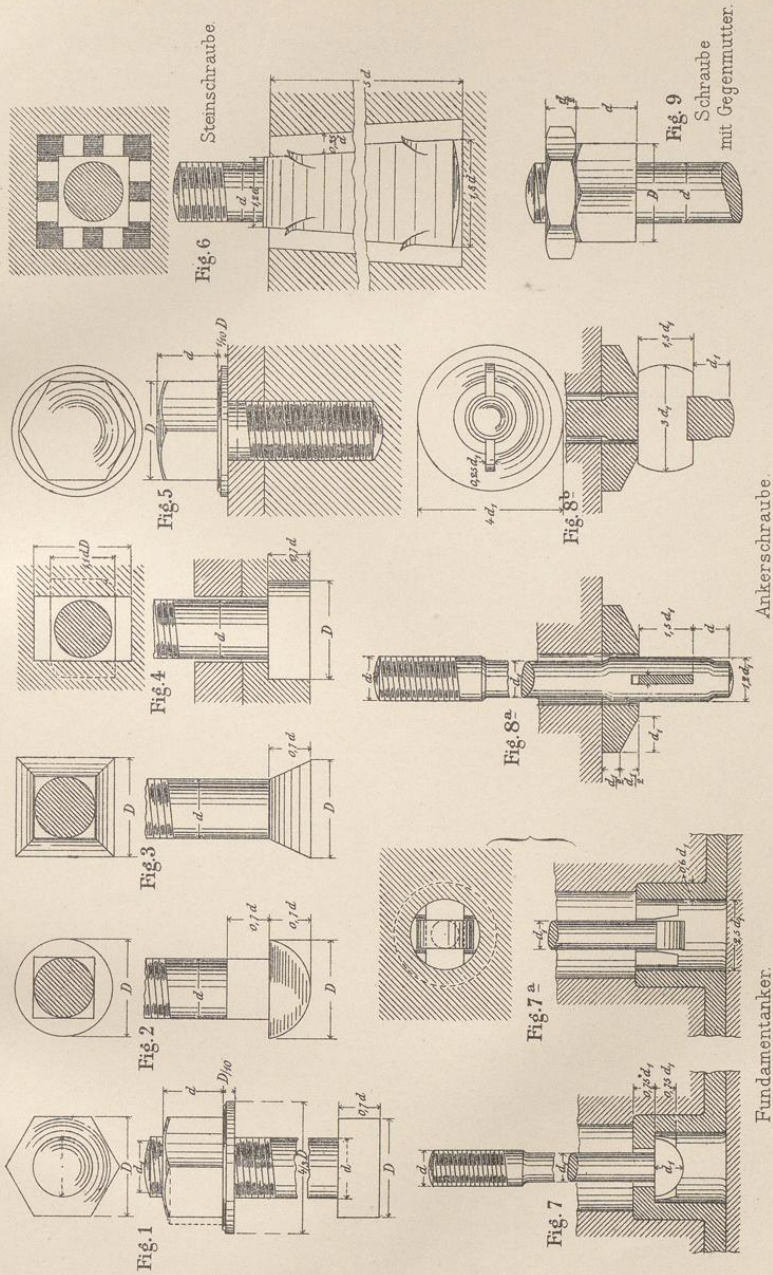
**Leipzig, 1902**

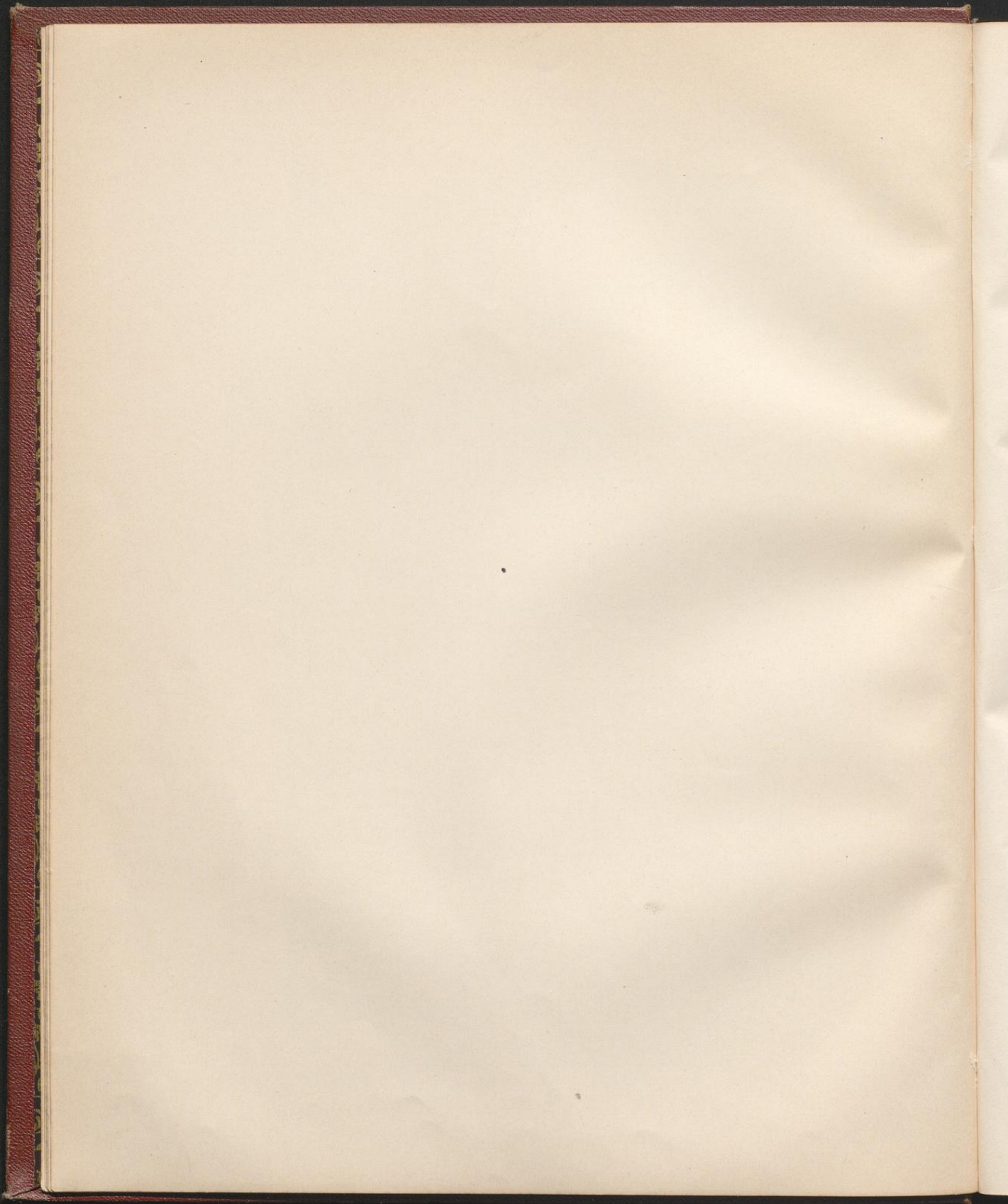
[Tafeln]

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Schraubenverbindungen.









Schraubenverbindungen.

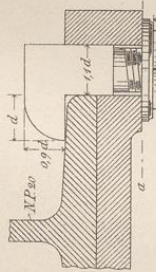


Fig. 1 Hakenschraube

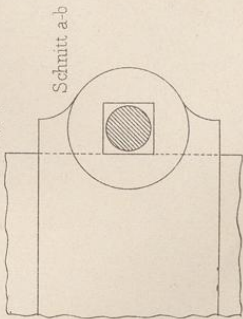


Fig. 2 Strebenschuh.

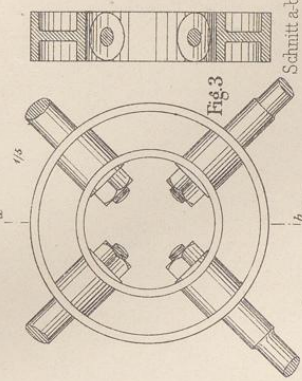


Fig. 3

Schnitt a-b

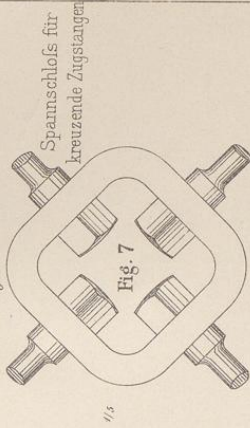


Fig. 7

Spanschloß für kreuzende Zugstangen

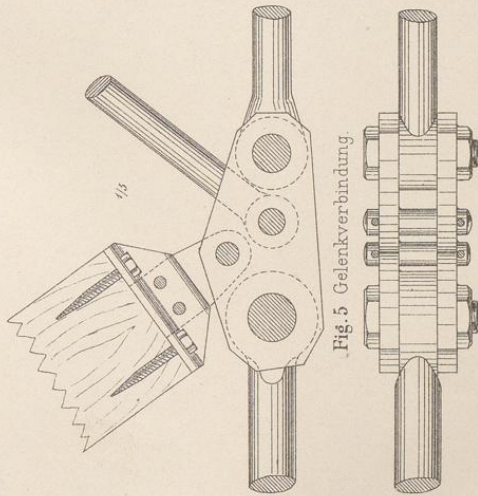


Fig. 5 Gelenkverbindung.

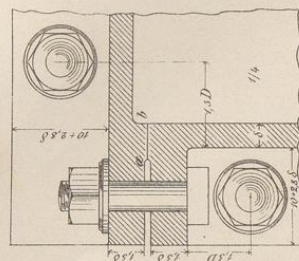


Fig. 4 Flansverschraubung.

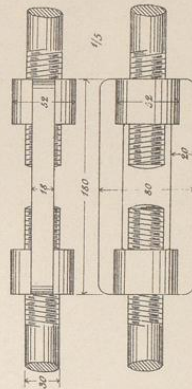
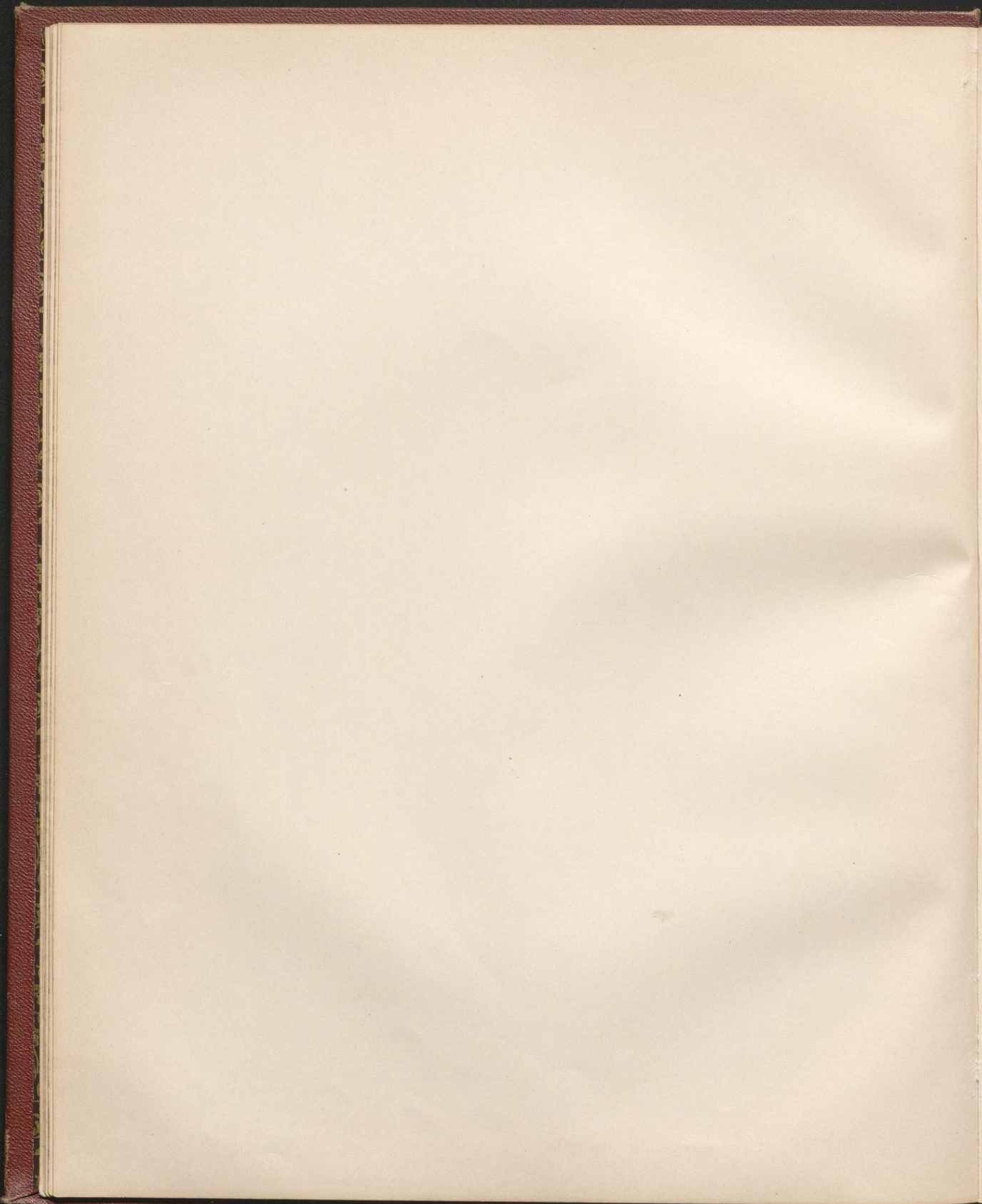


Fig. 6 Spanschloß für grade Zugstangen.















Gusseiserne Säulen.

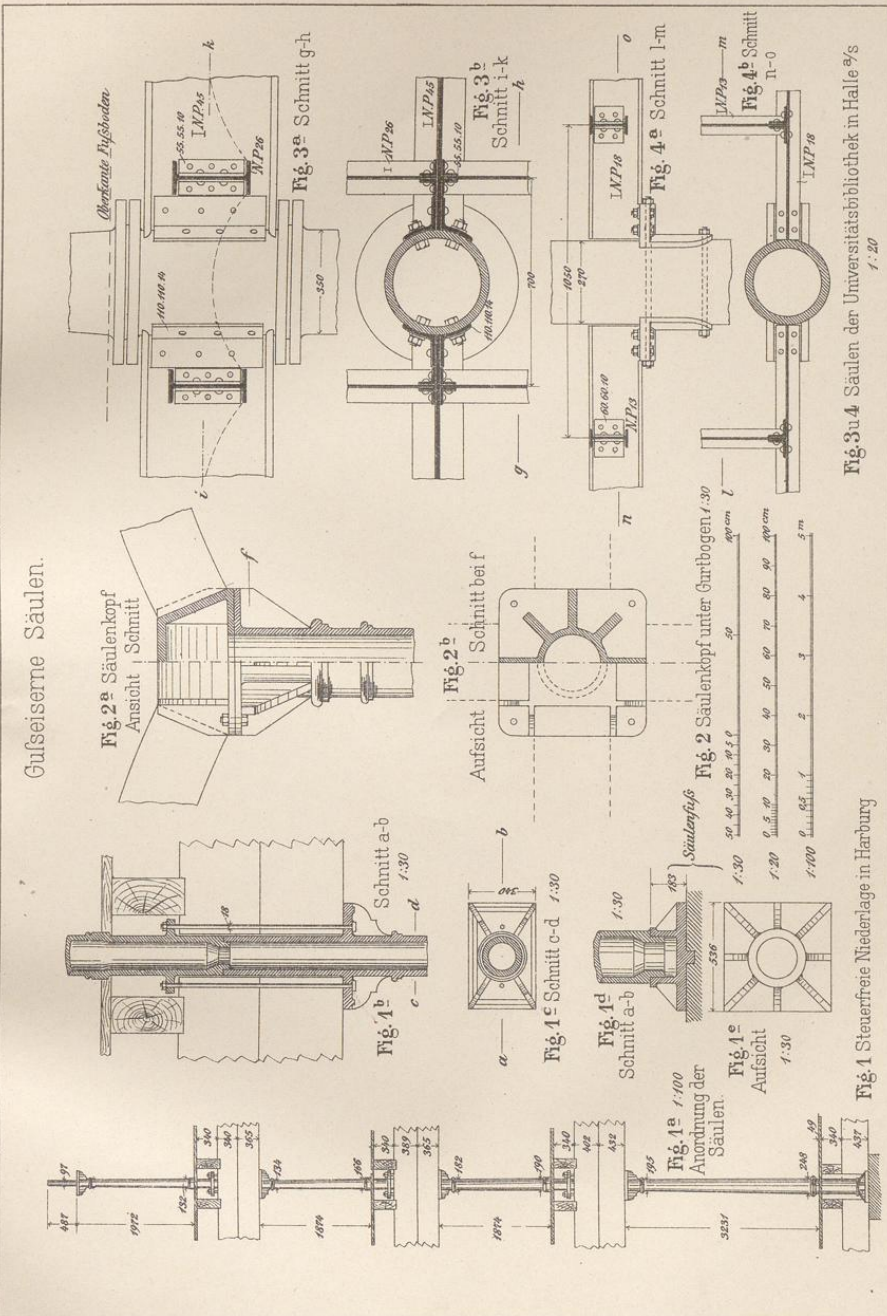
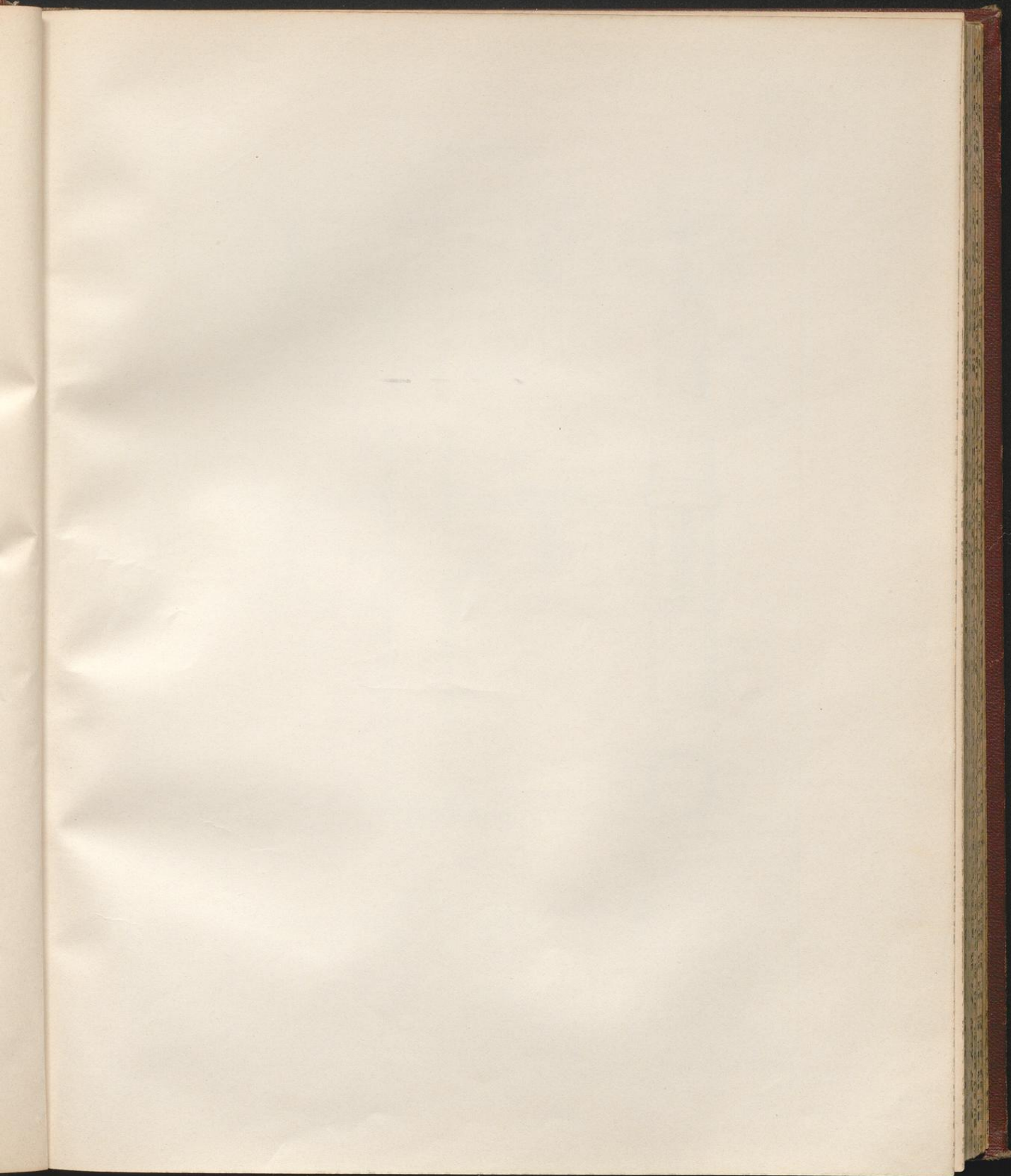


Fig. 3 u. 4 Säulen der Universitätsbibliothek in Halle a/S

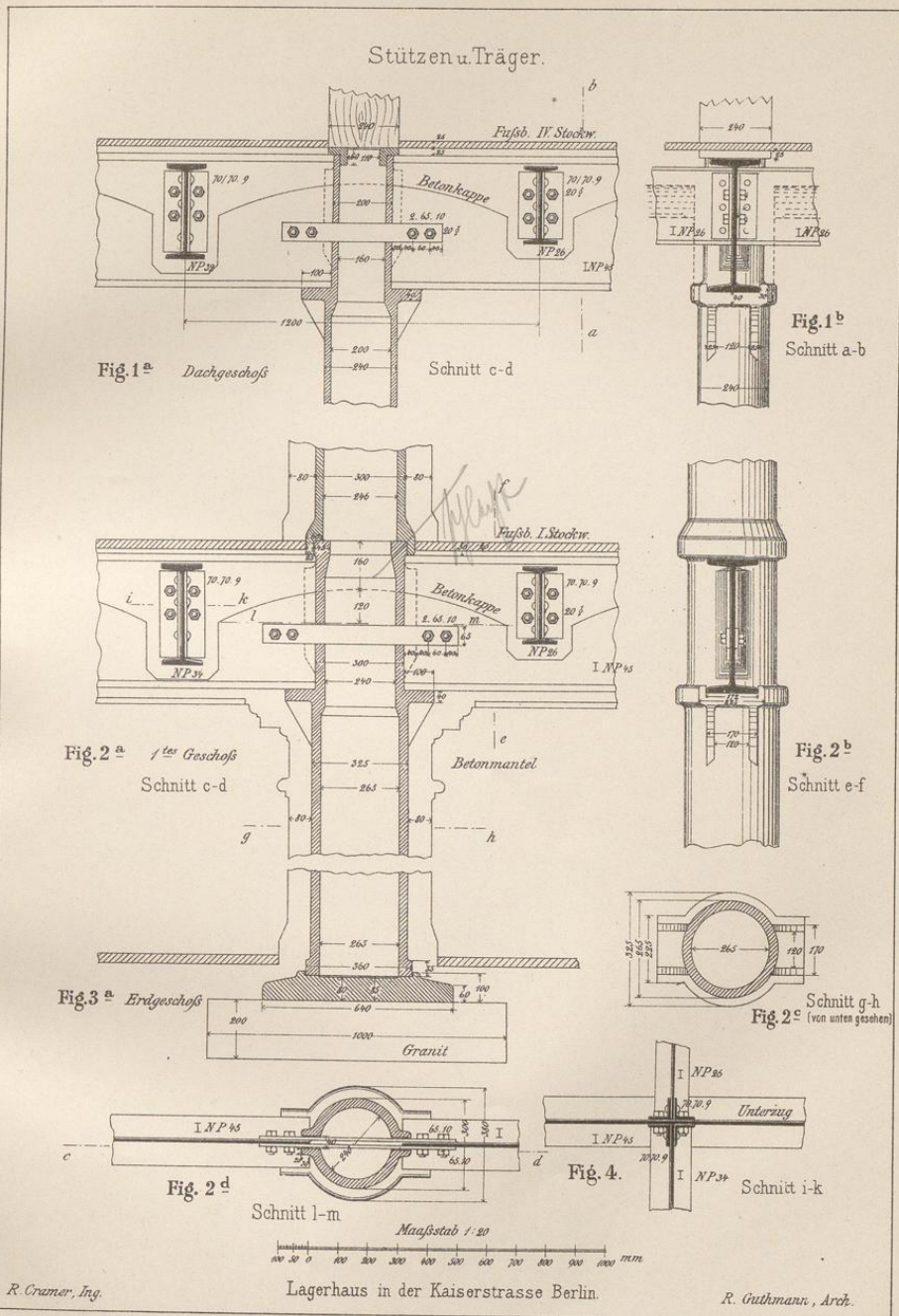
Fig. 1 Steinfreie Niederlage in Harburg







Stützen u. Träger.



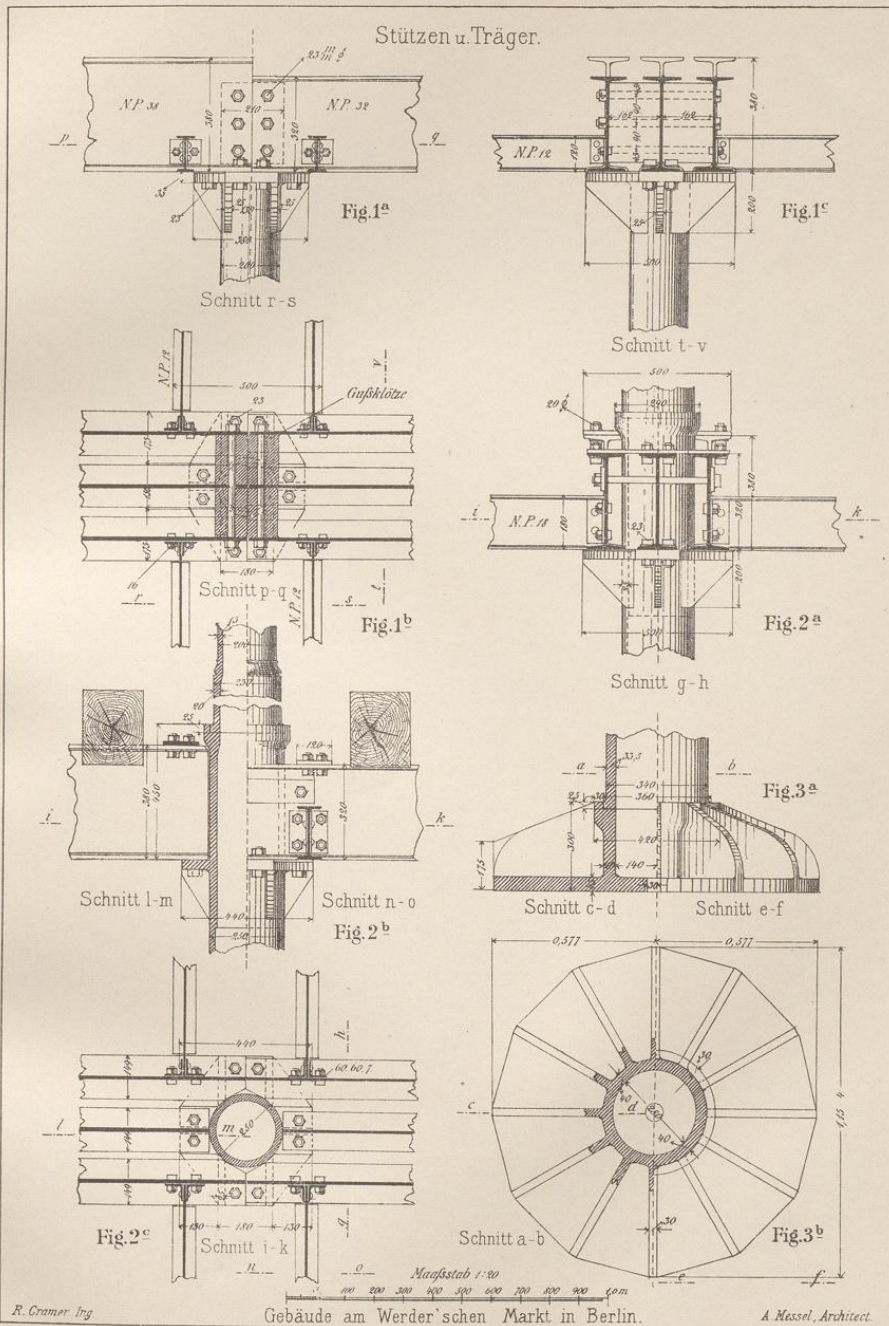
Breymann III Eisen (6. Aufl.)

J.M. Gebhardt's Verlag, Leipzig.









Breymann III Eisen (6. Aufl.)

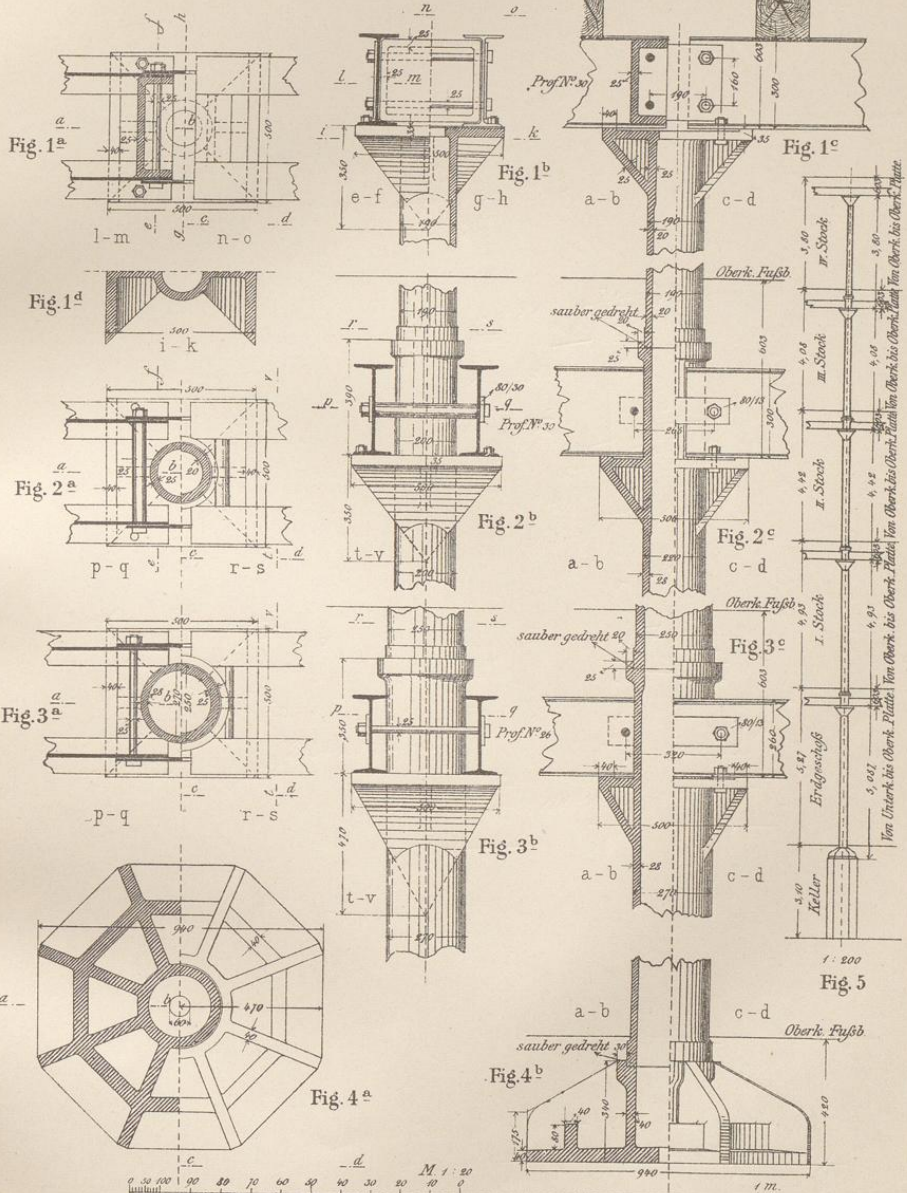
J.M. Gebhardt's Verlag, Leipzig







Stützen u. Träger.



R. Cramer Ing.

Geschäftshäuser am Werder'schen Markt in Berlin.

A. Messel, Arch.

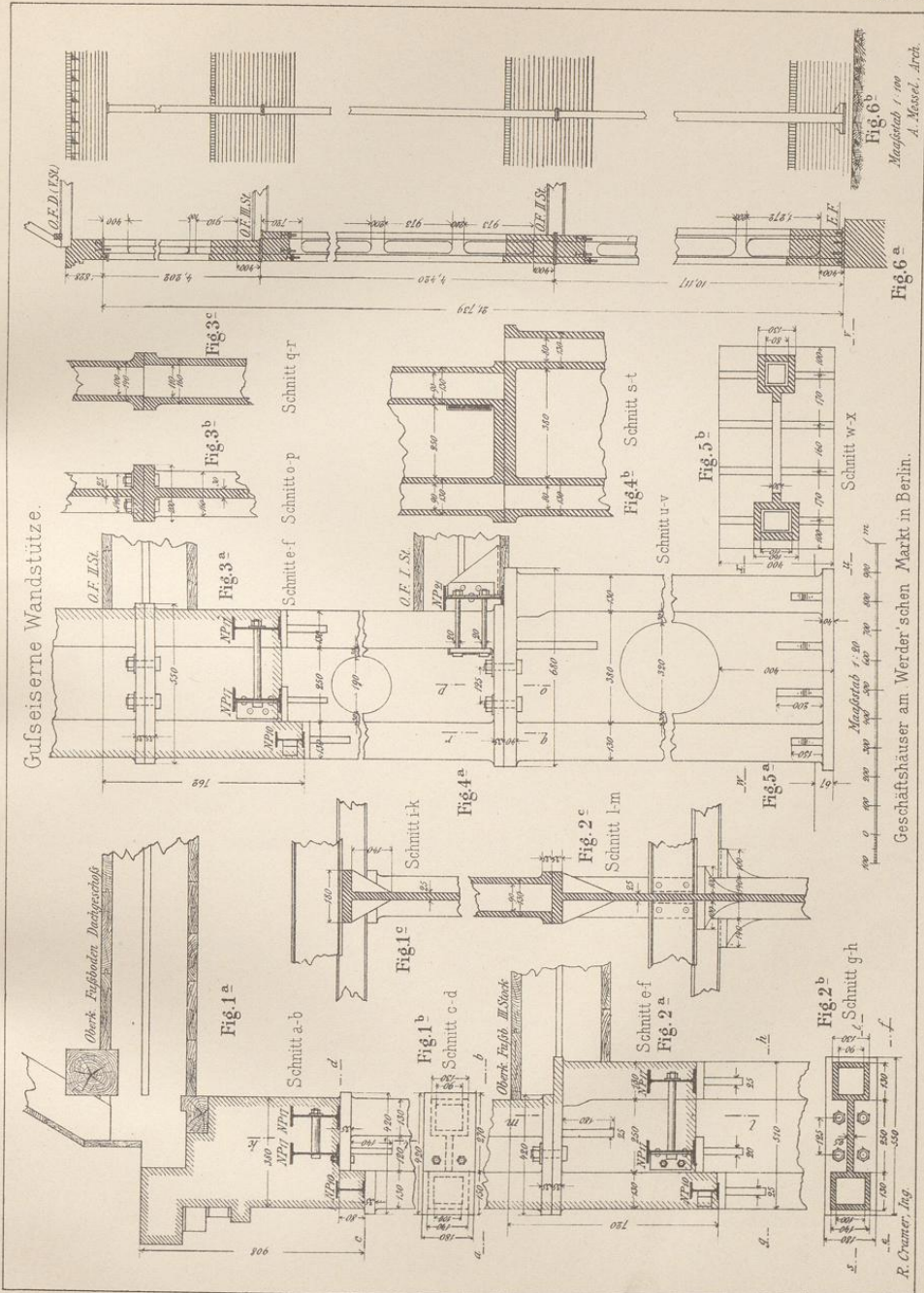
Breymann III Eisen. (6. Aufl.)

J.M. Gebhardt's Verlag, Leipzig.



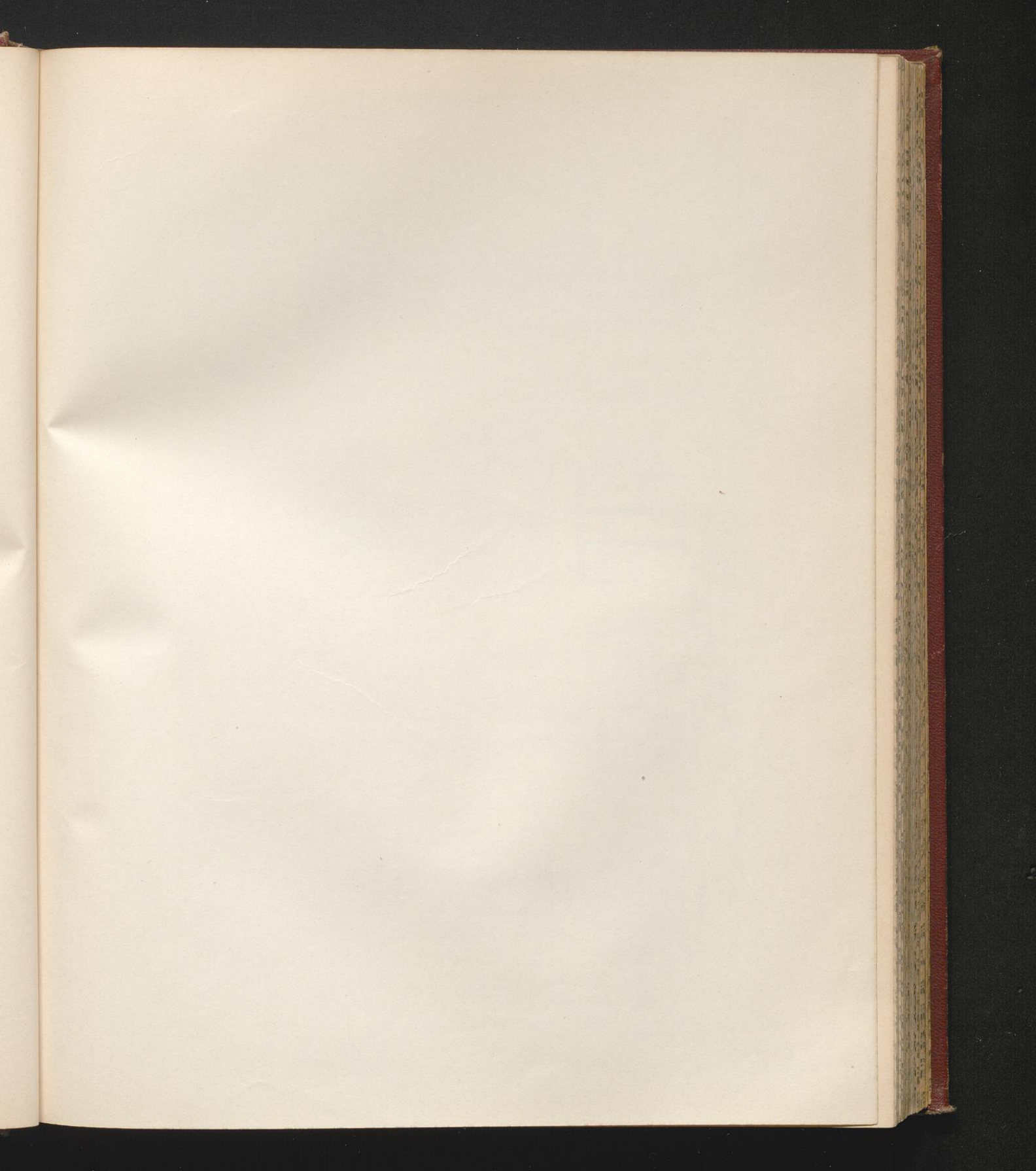






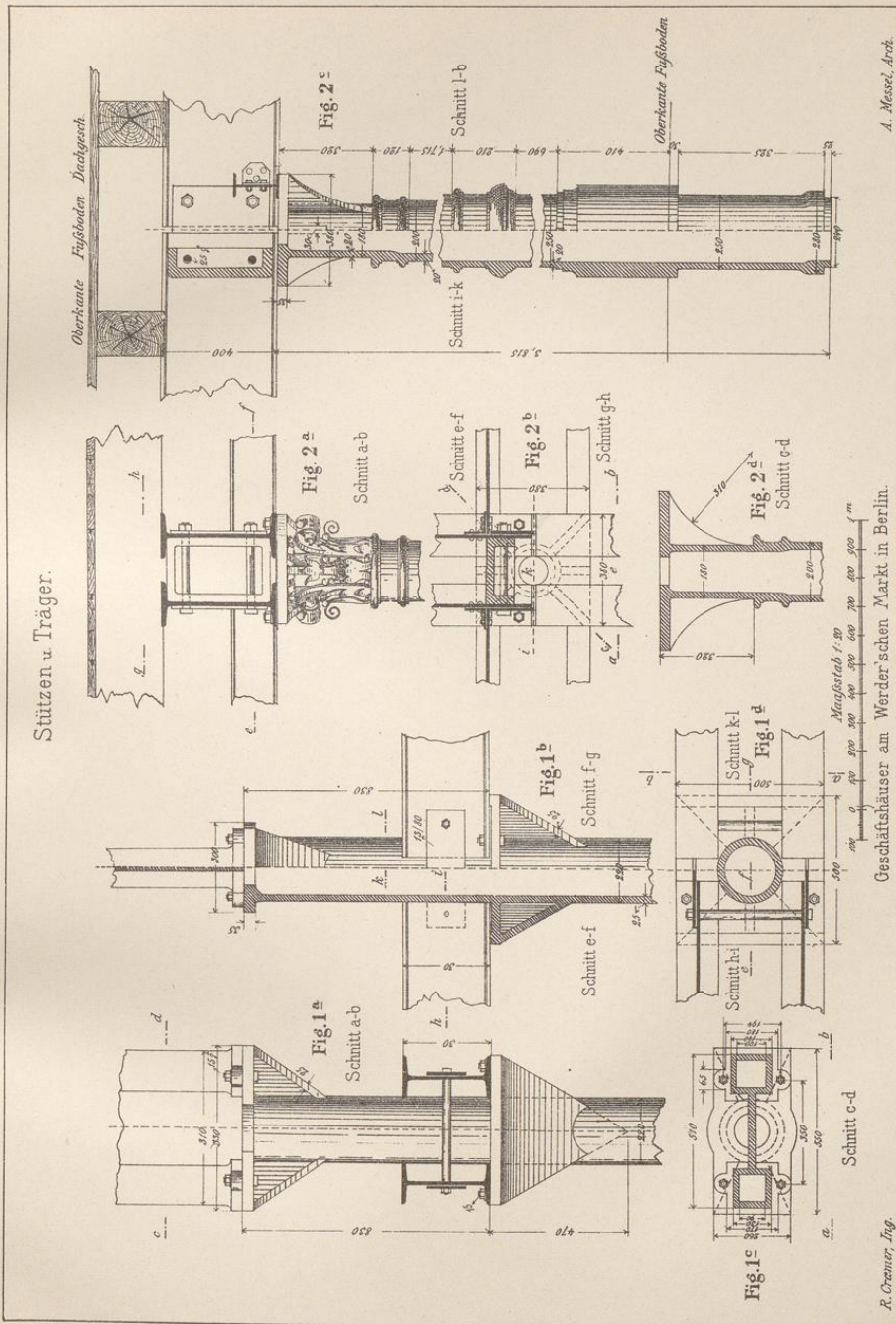
Geschäftshäuser am Werder'schen Markt in Berlin.







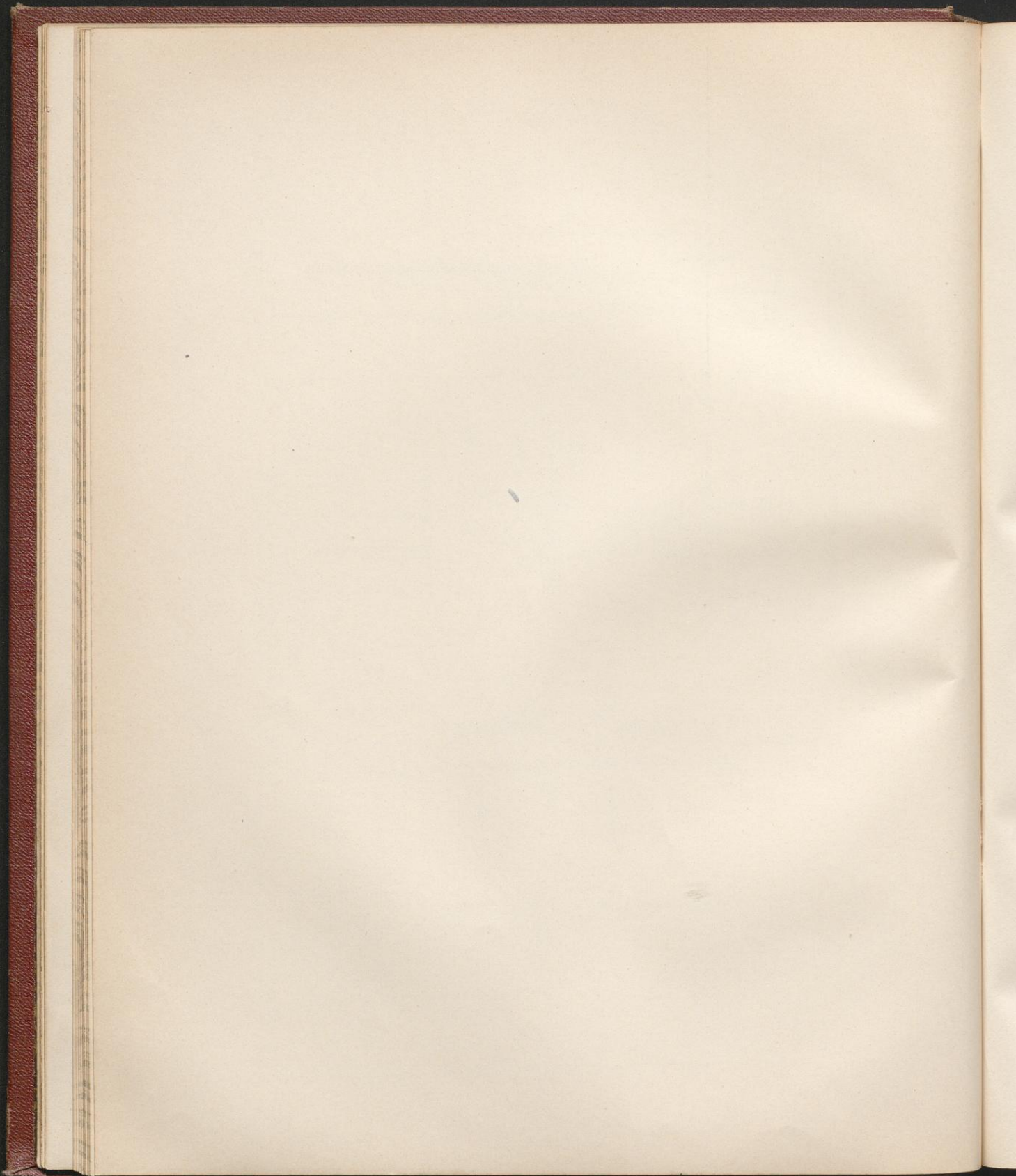
Stützen u. Träger.



A. Messel, Arch.

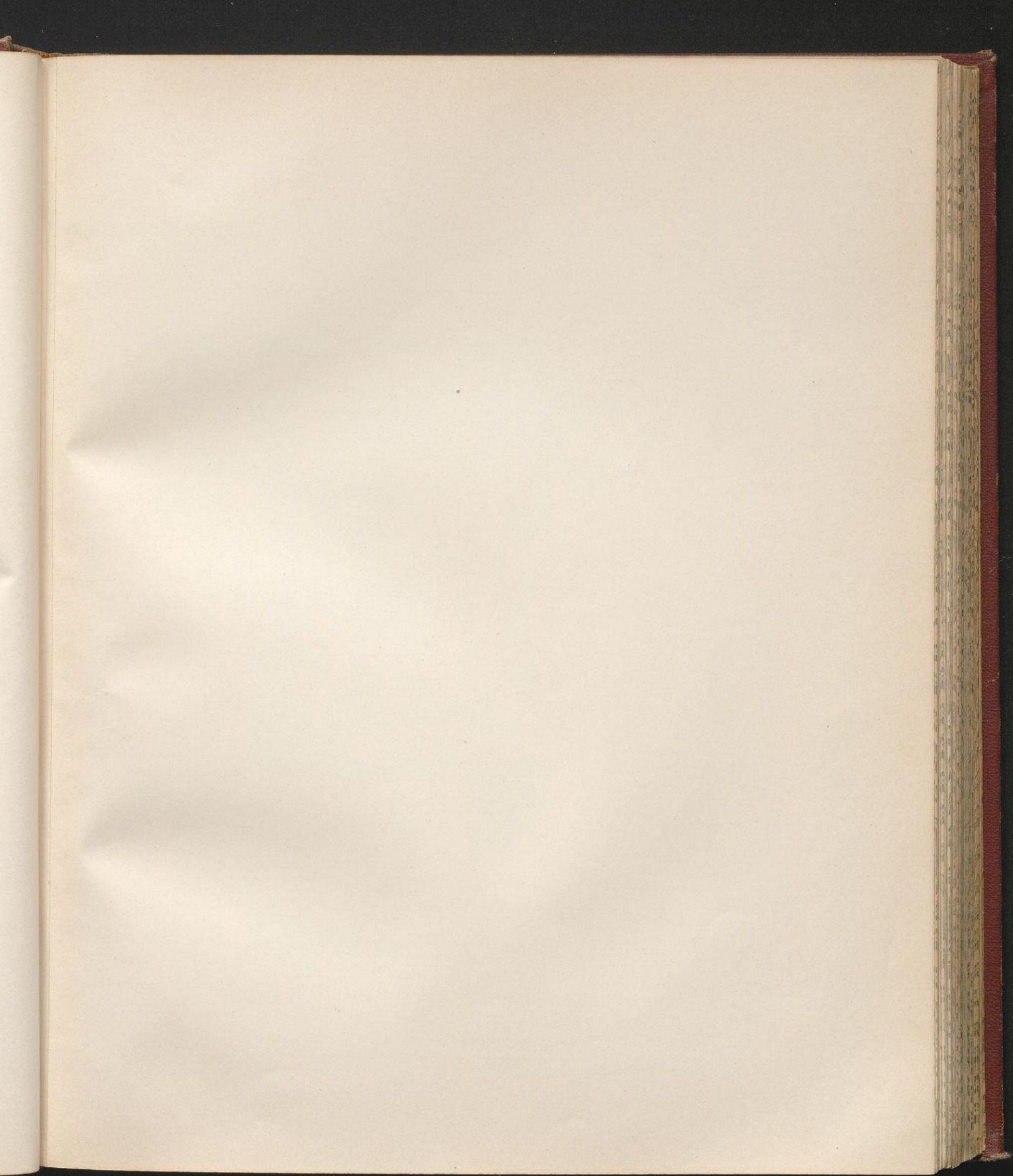
Geschäftshäuser am Werderschen Markt in Berlin.

R. Cremer, Ing.

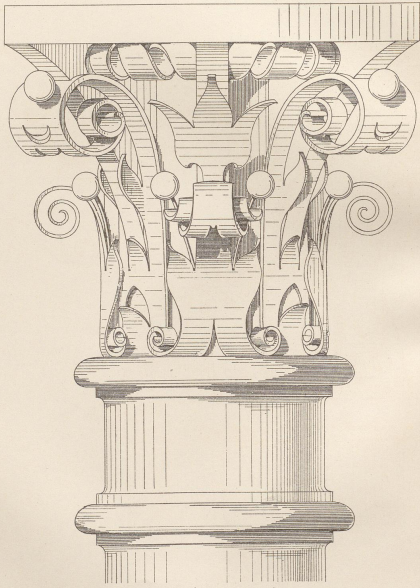








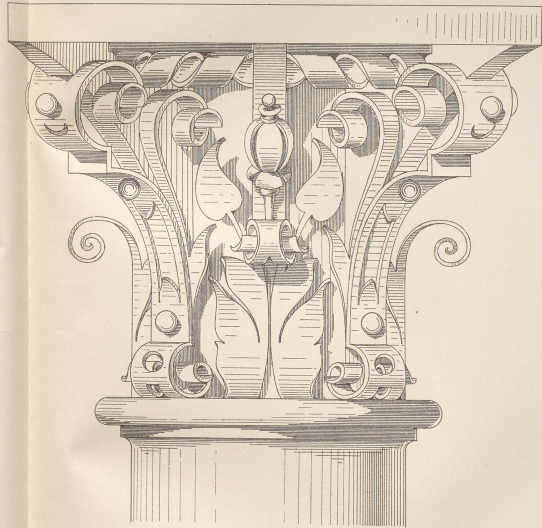
Schmiedeeiserne Capitale auf gußeisernem Säulenkopf



*1/3 der nat. Größe*

Geschäftshäuser am Werder'schen Markt in Berlin.

Beymann II Eisen (6. Aufl.)



*1/3 der nat. Größe*

A. Messel, Arch.

J.M. Gebhardt's Verlag, Leipzig







Säulen von Strafsenbrücken der Berliner Stadtbahn.

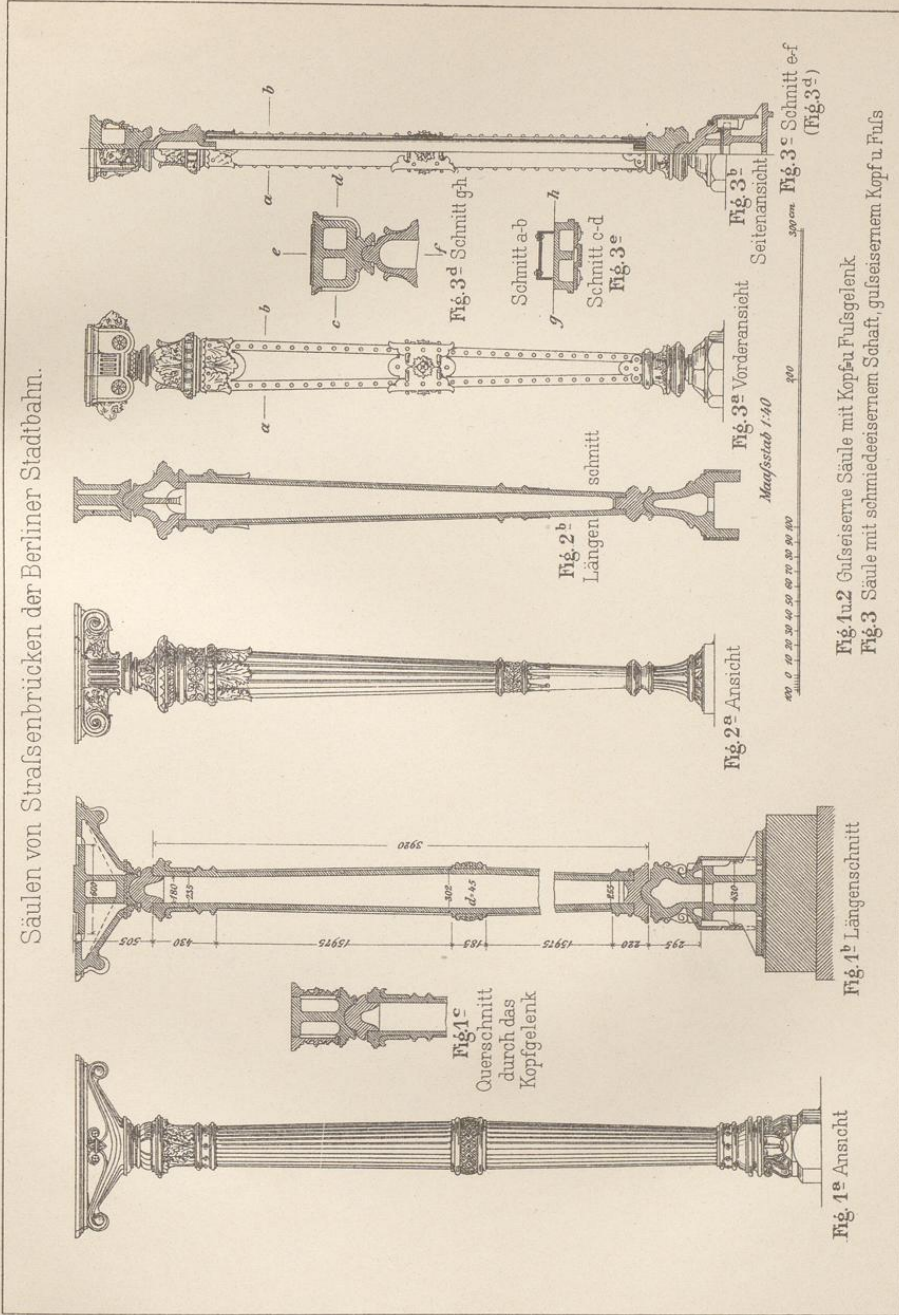
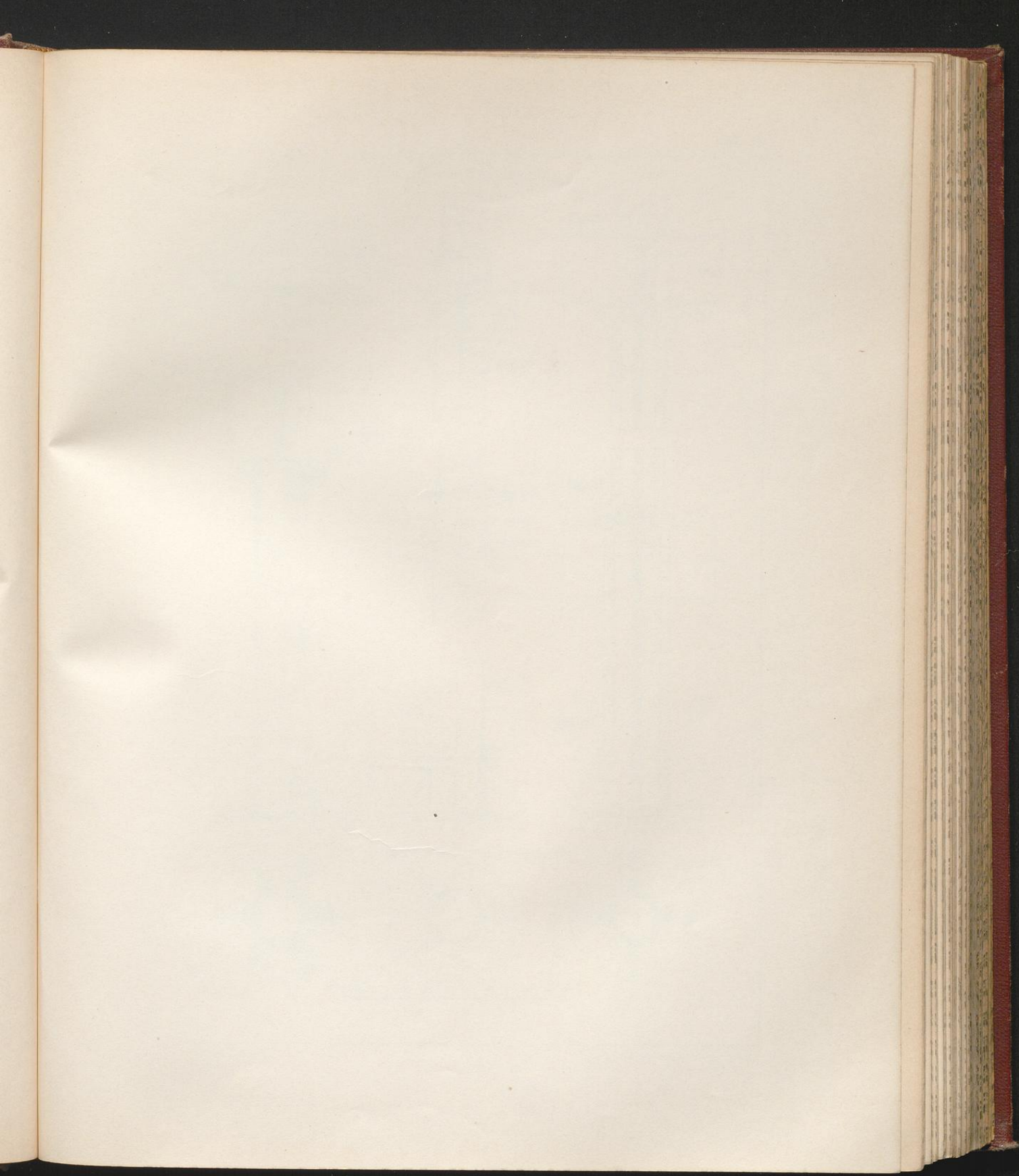


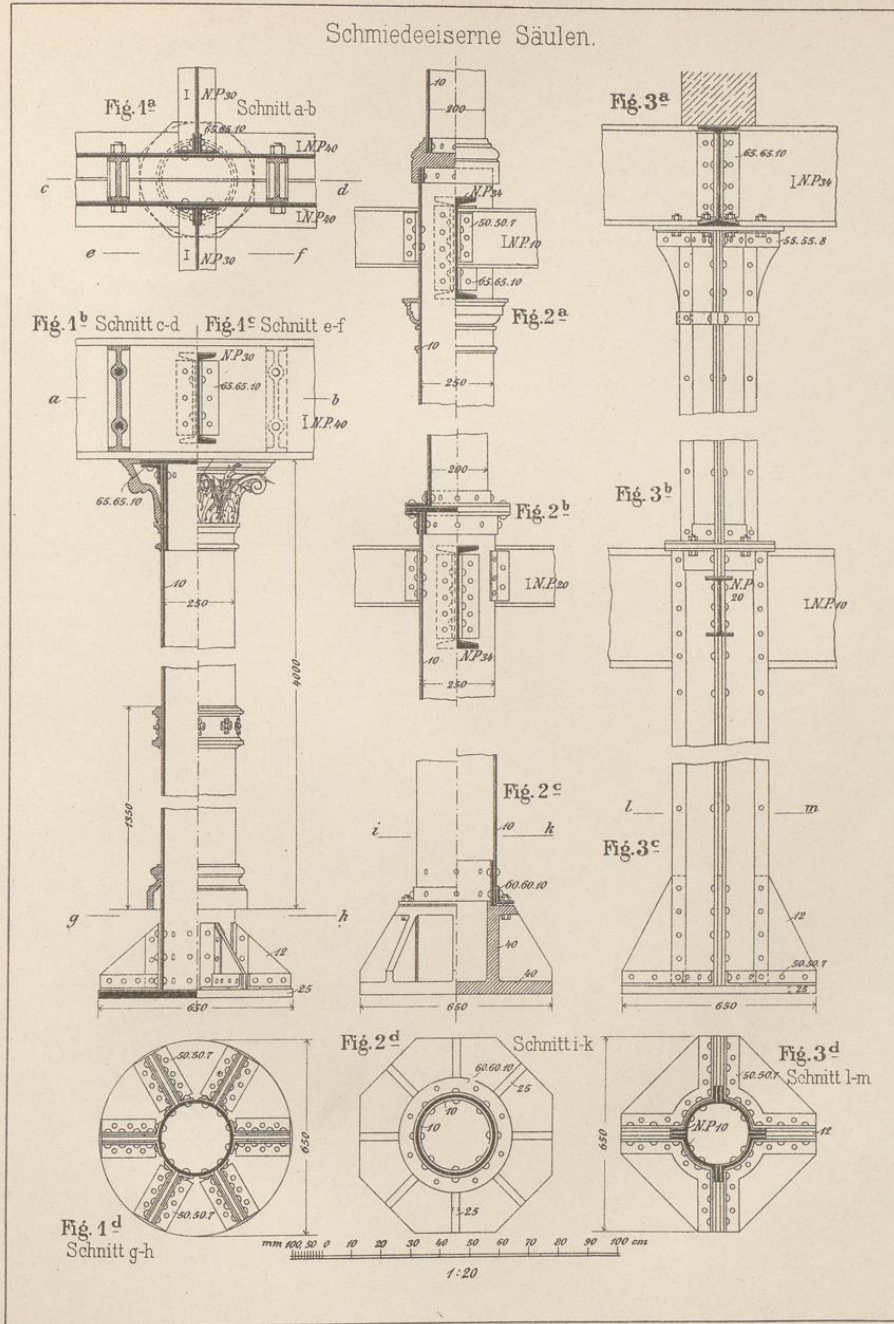
Fig. 1 u. 2 Gufiserre Säule mit Kopf- u. Fußgelenk  
 Fig. 3 Säule mit schmiedeeisernem Schaft, gußeisernem Kopf u. Fuß







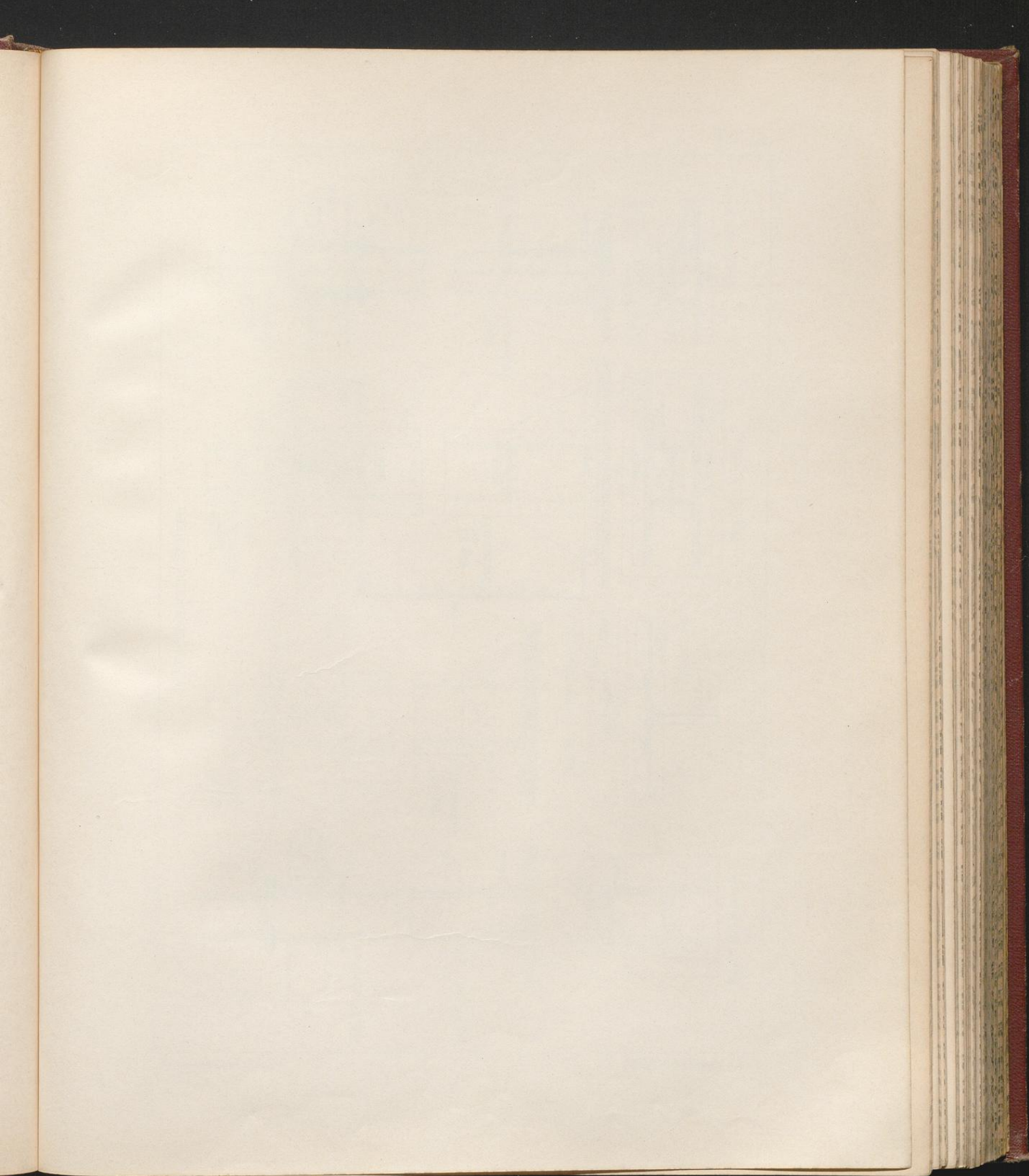
Schmiedeeiserne Säulen.

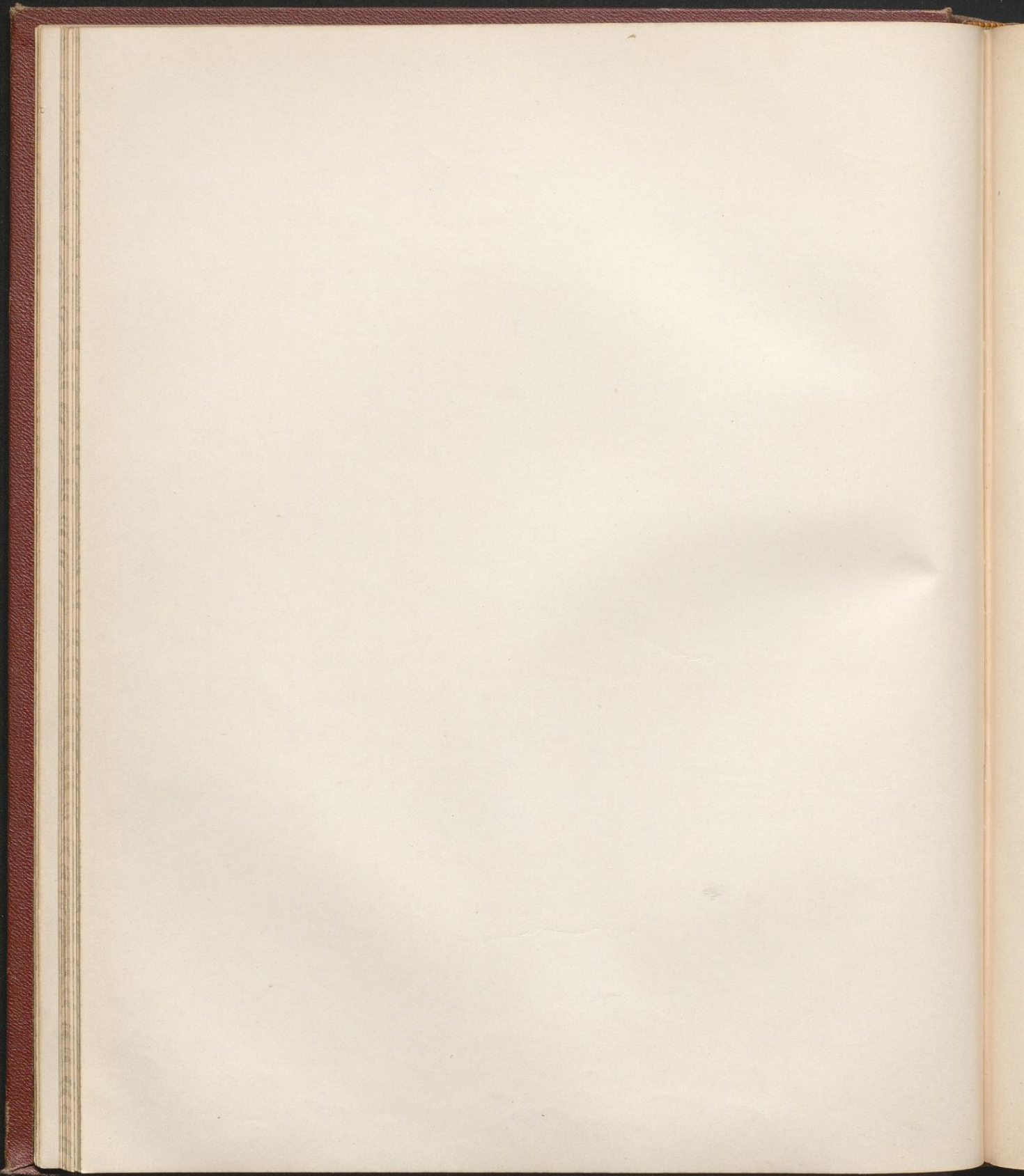


Breymann III Eisen (6. Aufl.)

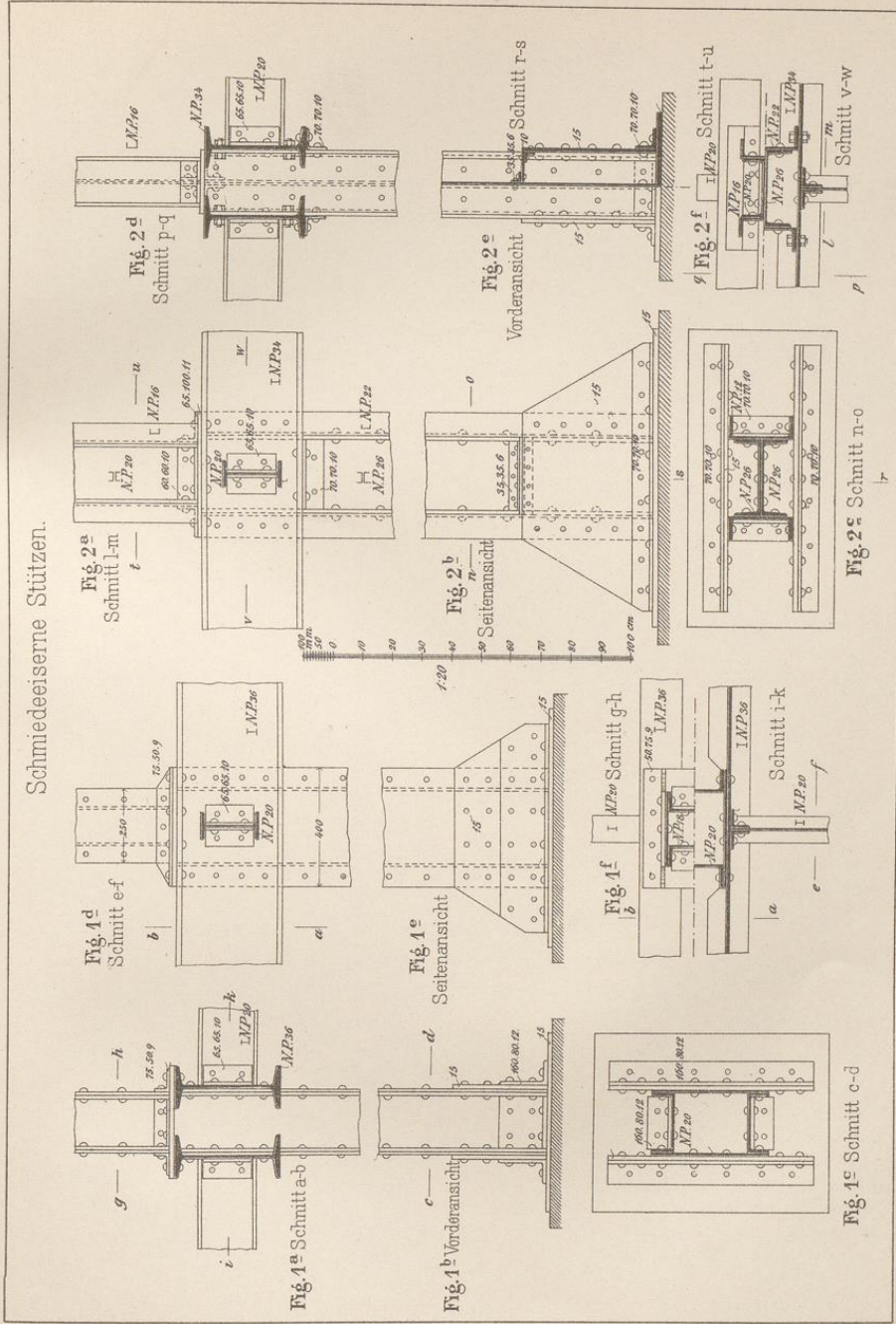
J.M. Gebhardt's Verlag, Leipzig.







Schmiedeeiserne Stützen.

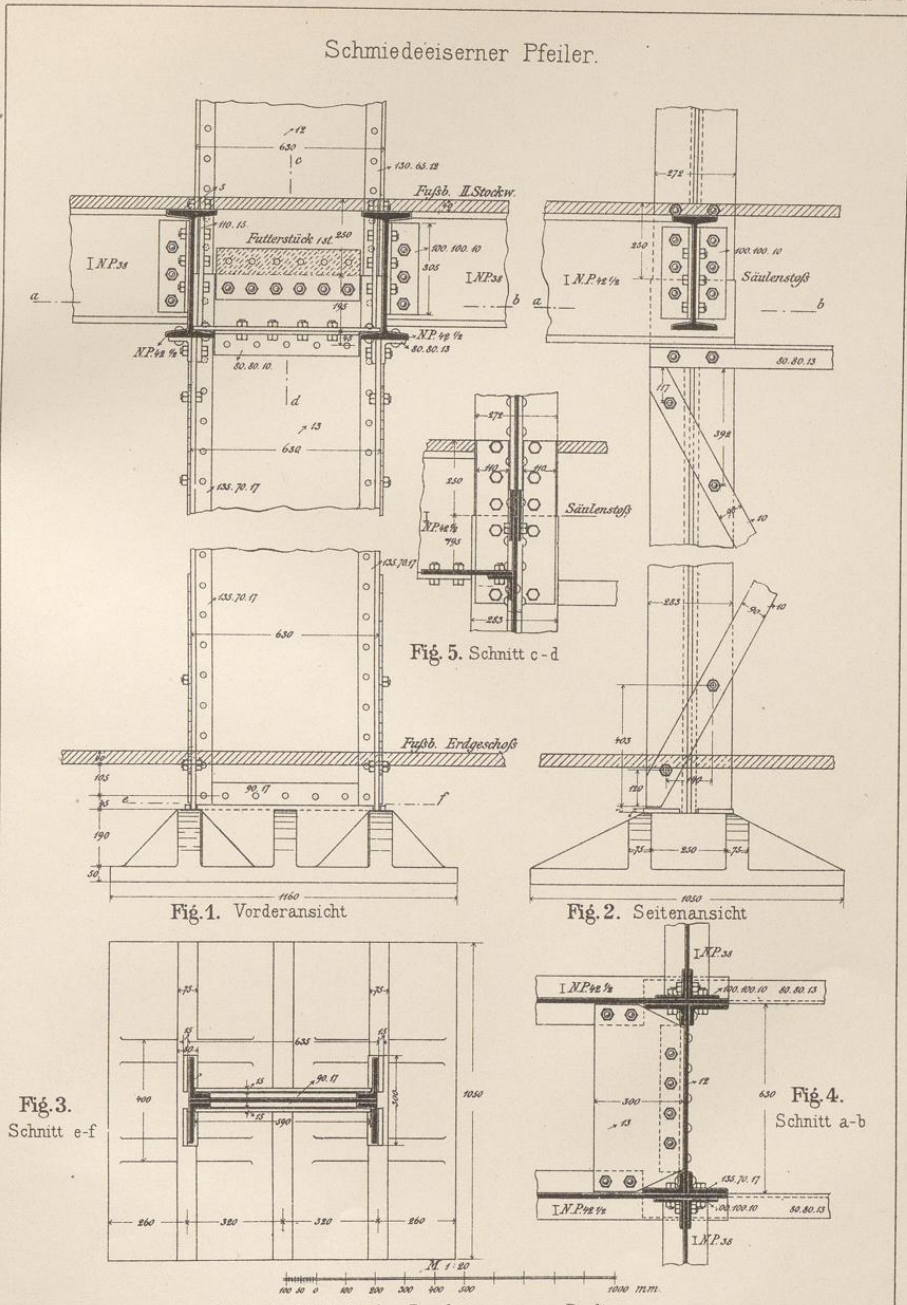








Schmiedeeiserner Pfeiler.



R. Cramer, Ing.

Industriegebäude in der Beuthstrasse zu Berlin.

Baurath Schreochten, Arch.

Breymann III Eisen. (6. Aufl.)

J.M. Gebhardt's Verlag, Leipzig.



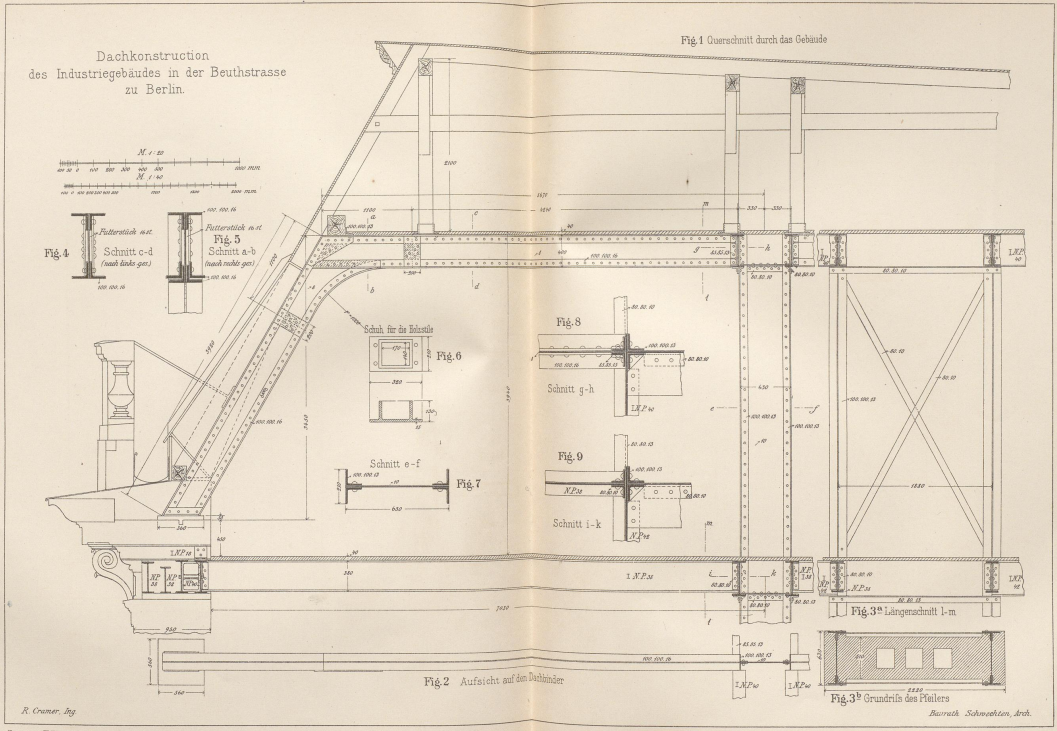


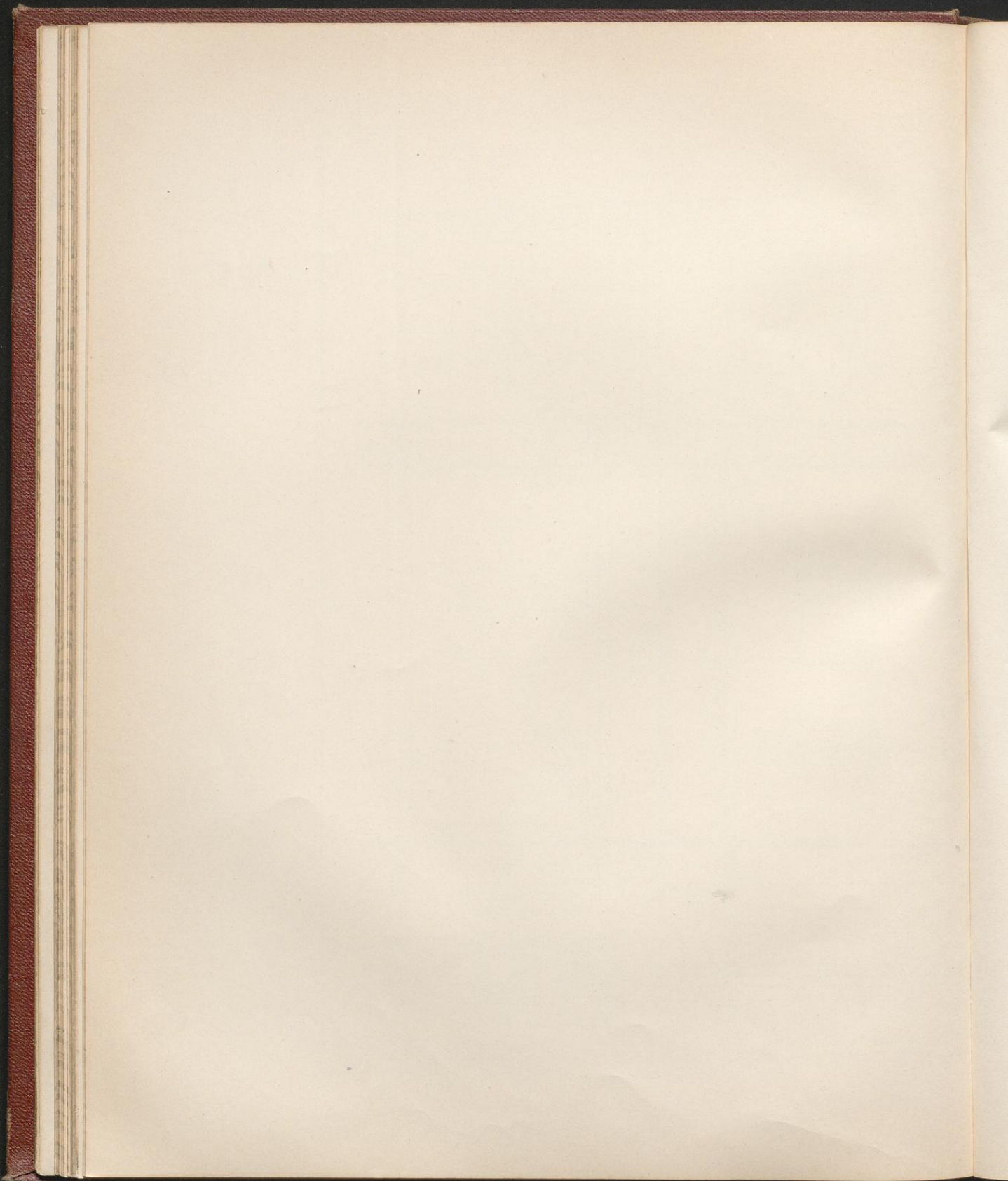




Dachkonstruktion  
des Industriegebäudes in der Beuthstrasse  
zu Berlin.

Fig. 1 Querschnitt durch das Gebäude

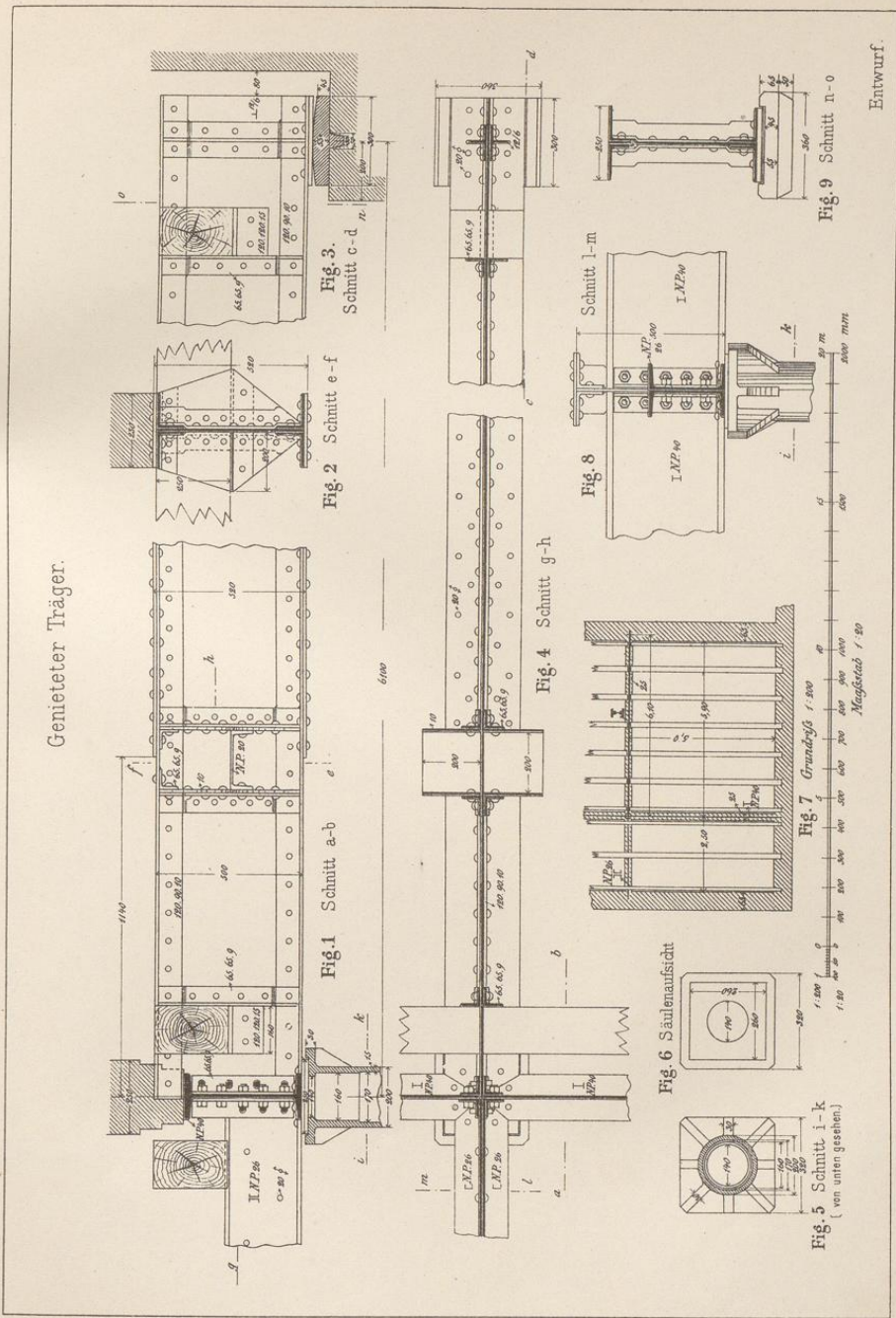








Genieteteter Träger.

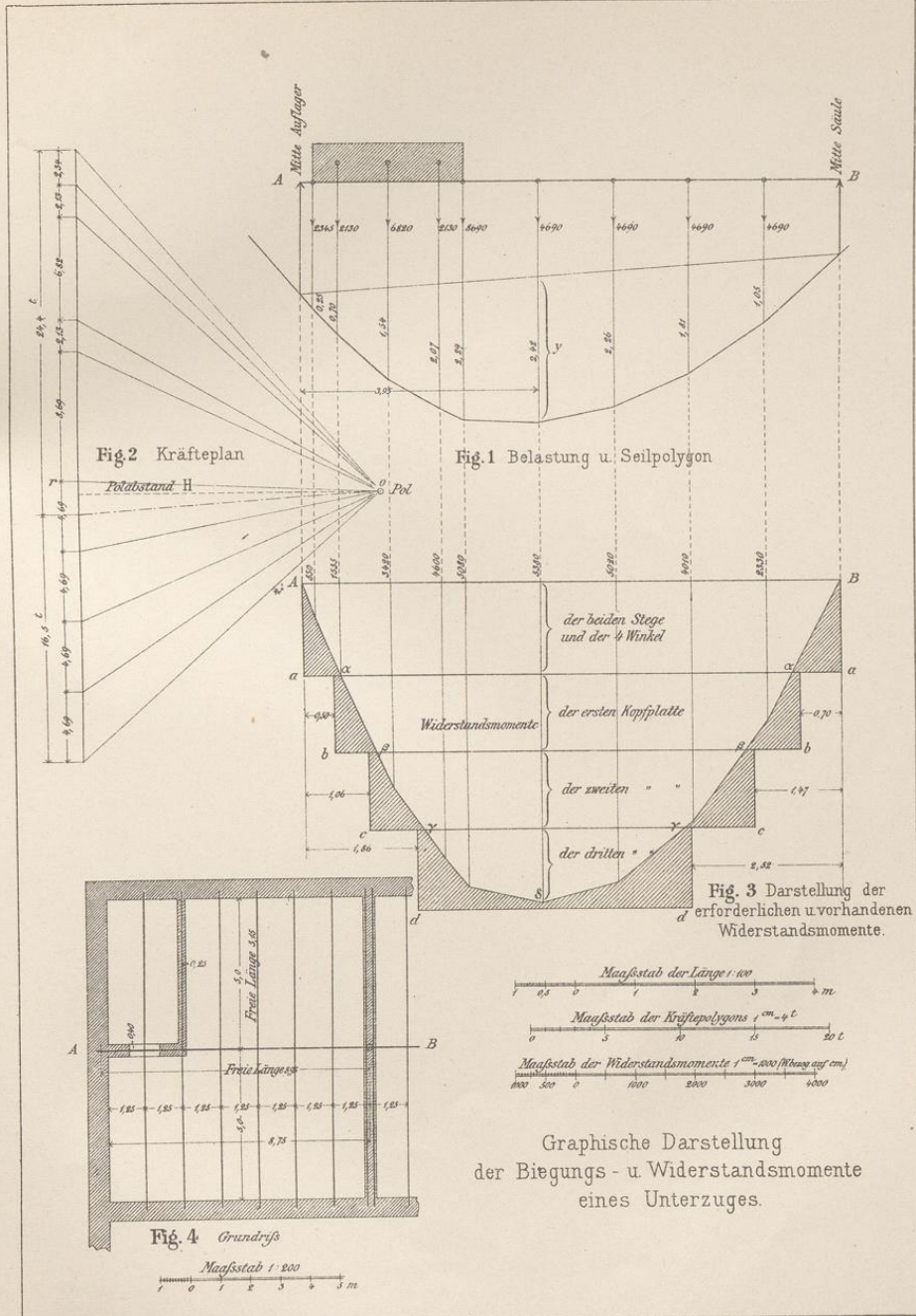


Entwurf.



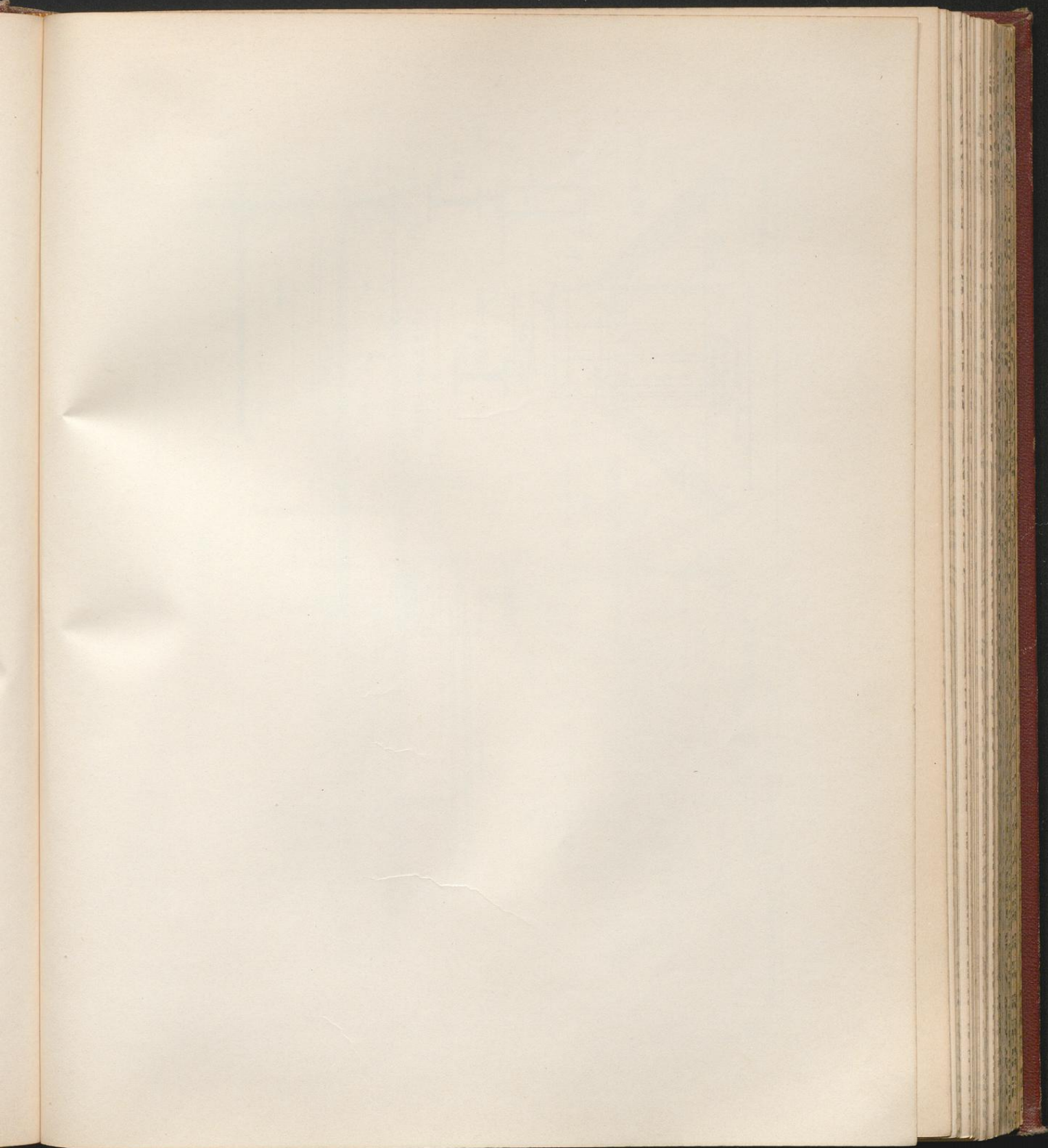






Graphische Darstellung der Biegungs- u. Widerstandsmomente eines Unterzuges.

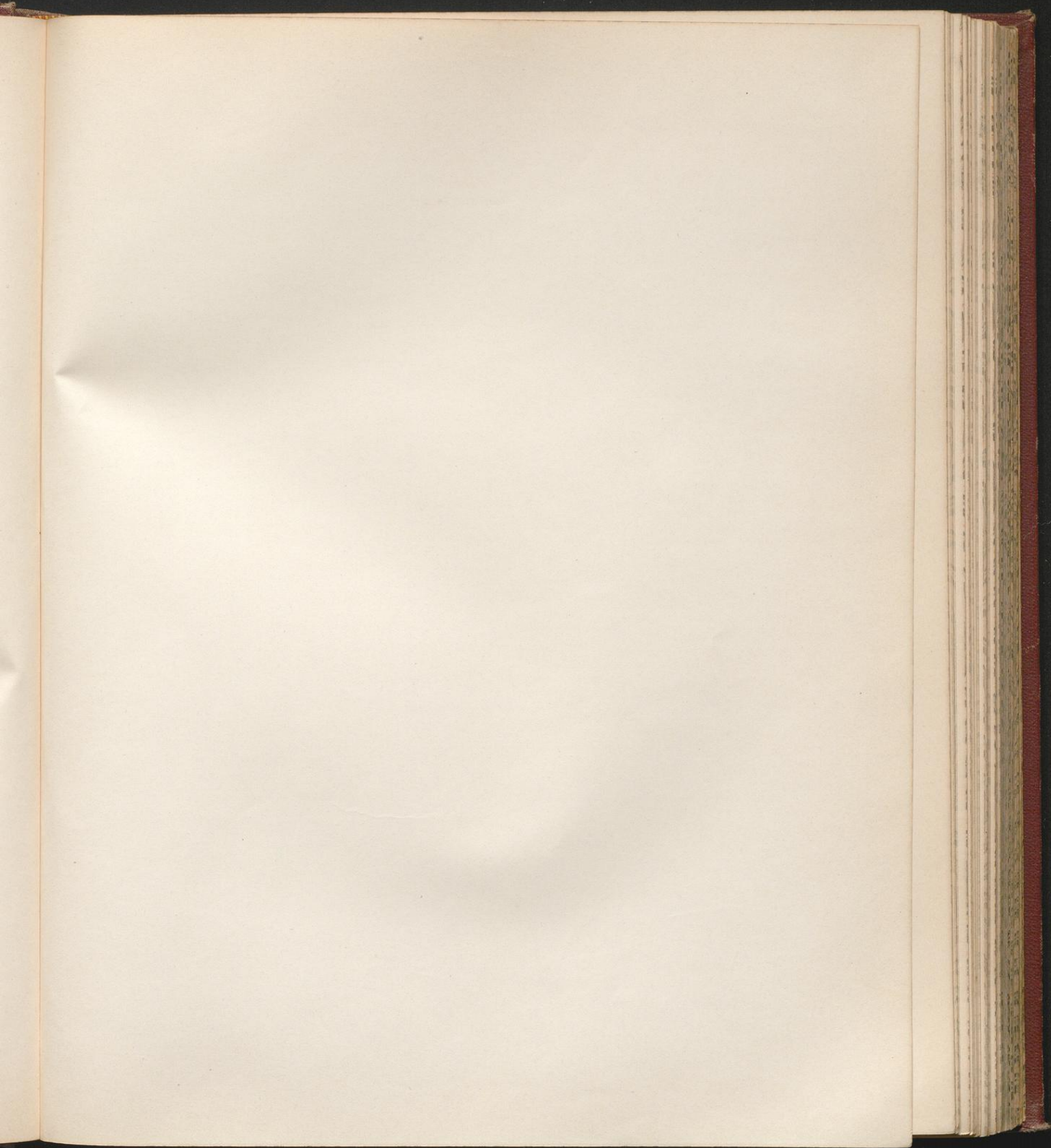




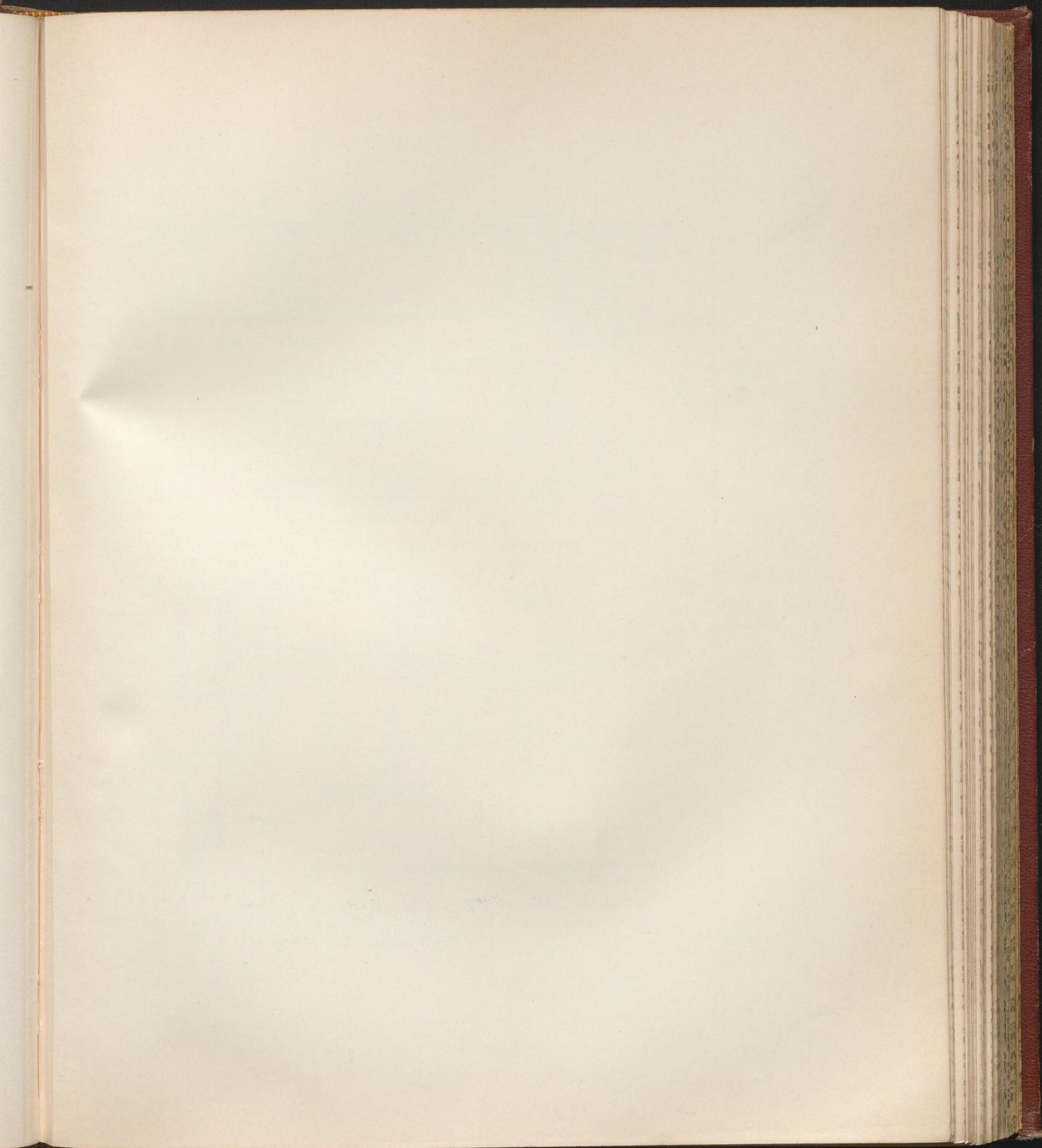




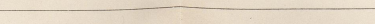
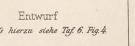
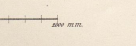
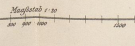
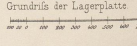
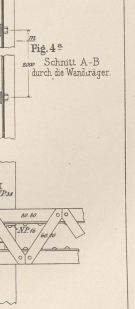
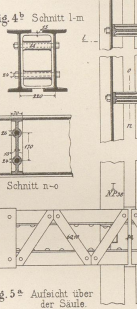
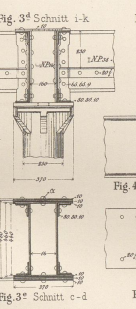
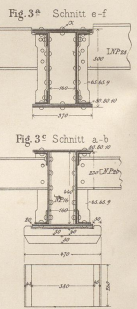
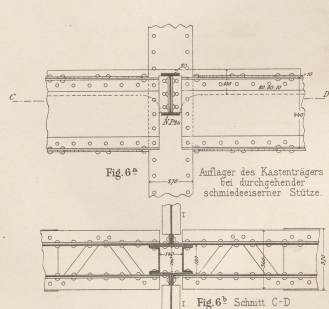
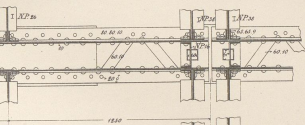
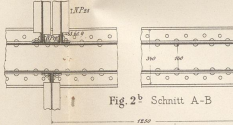
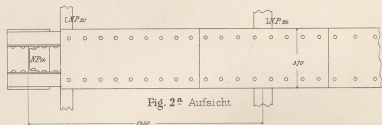
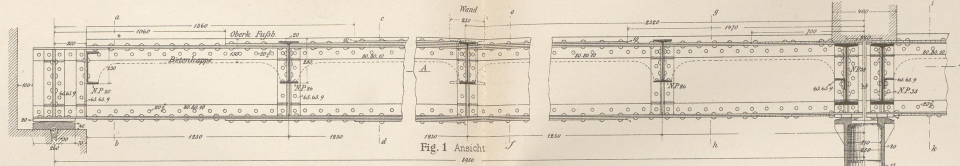




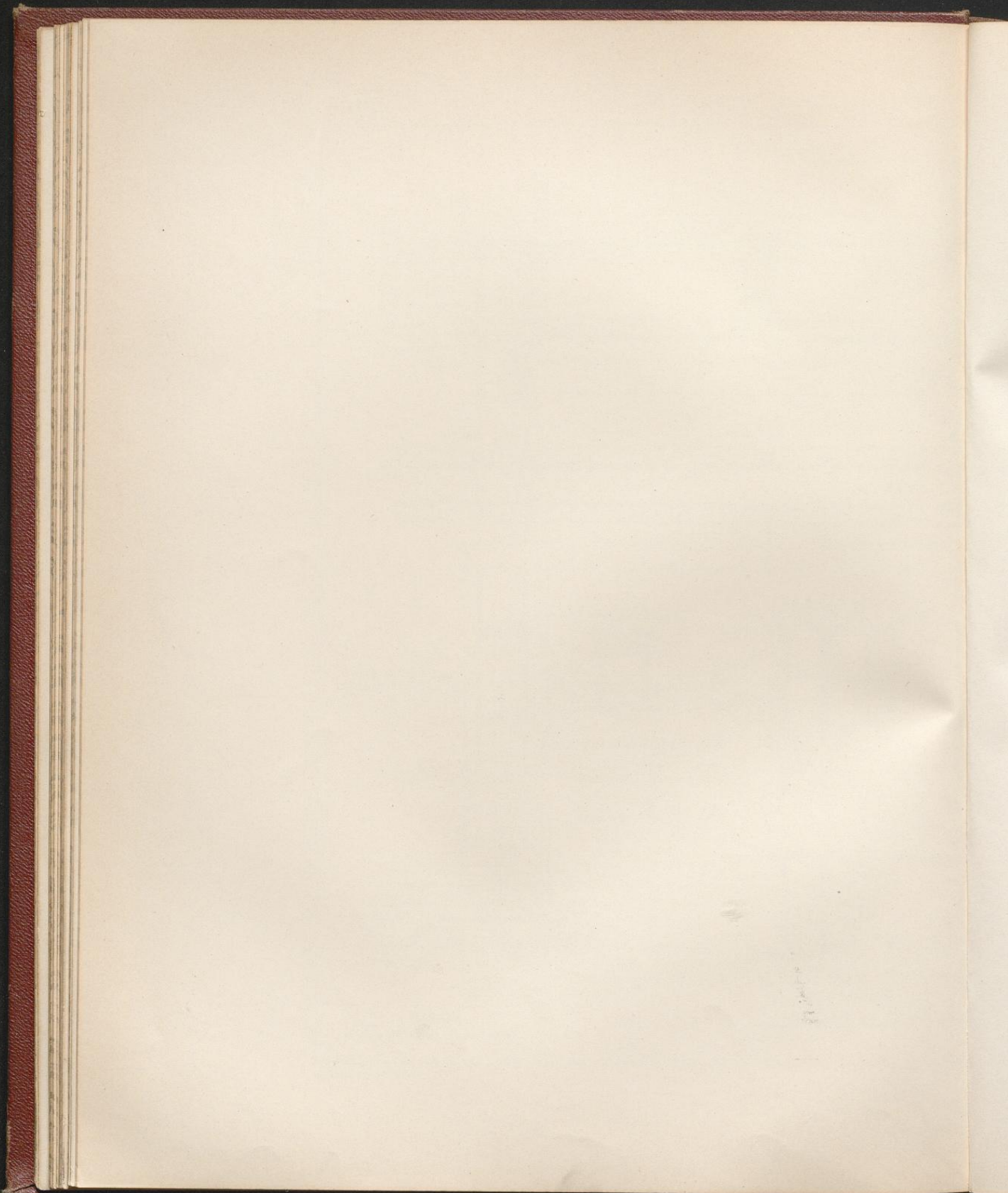




Kastenträger



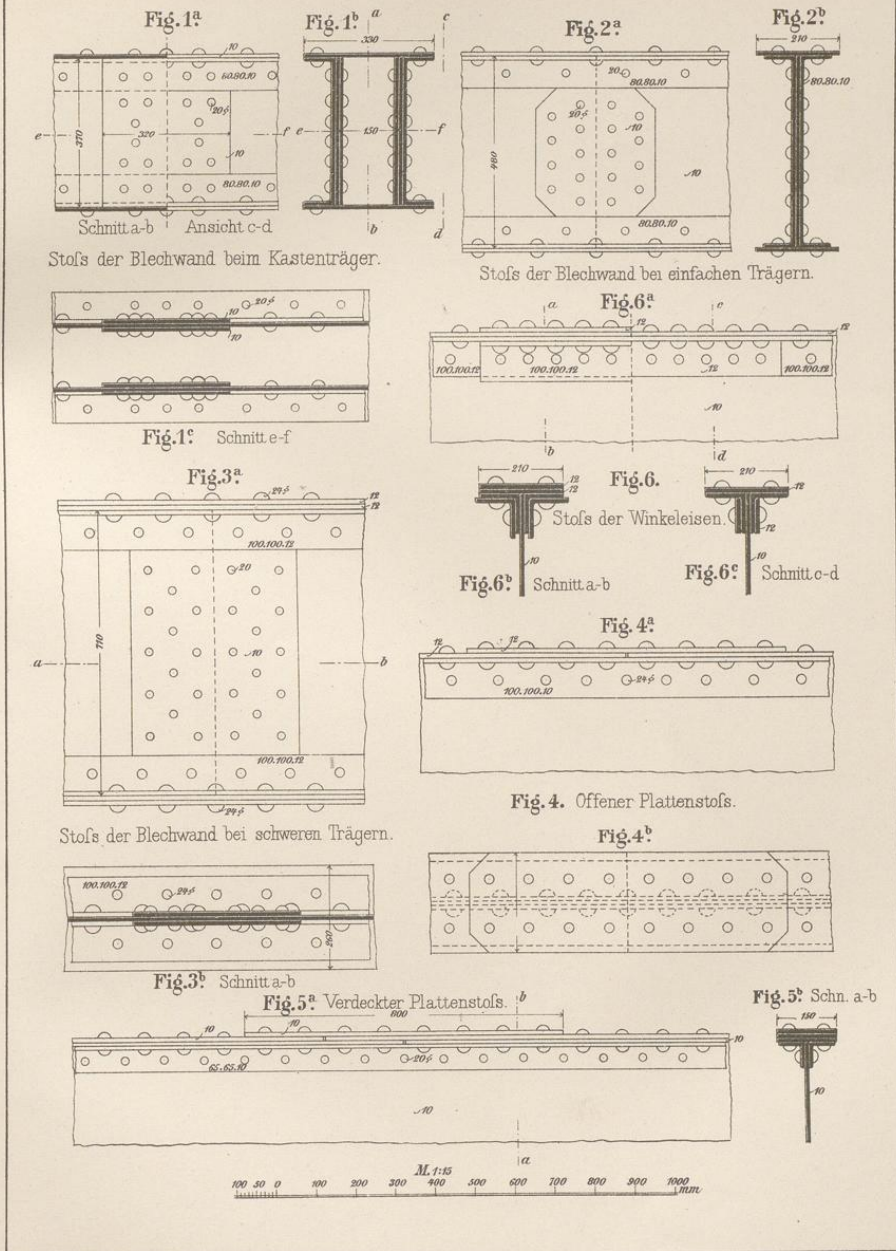
Entwurf  
Grundriss hierzu siehe Taf. 6, Fig. 4



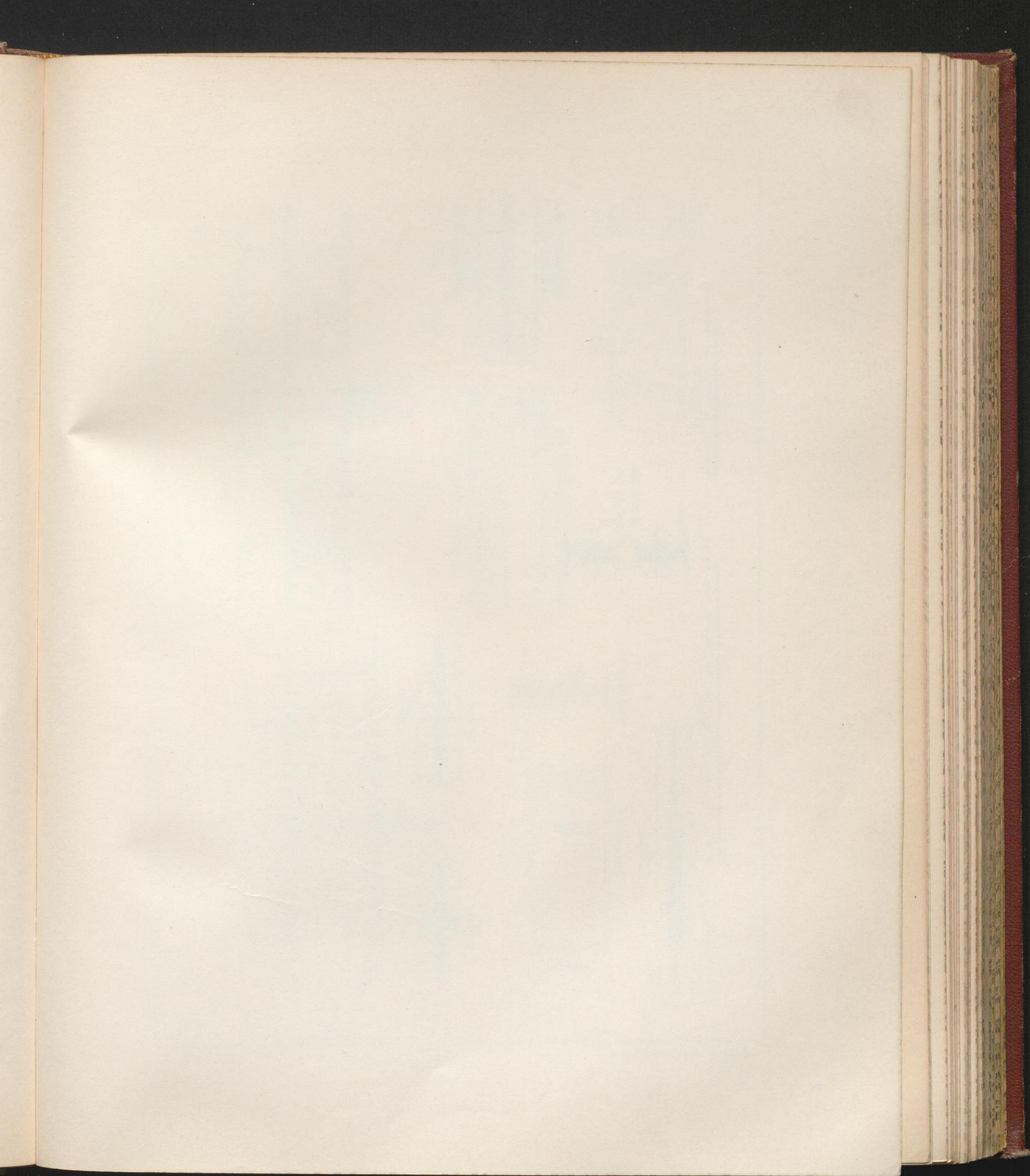




Stofsverbindungen genieteteter Träger.

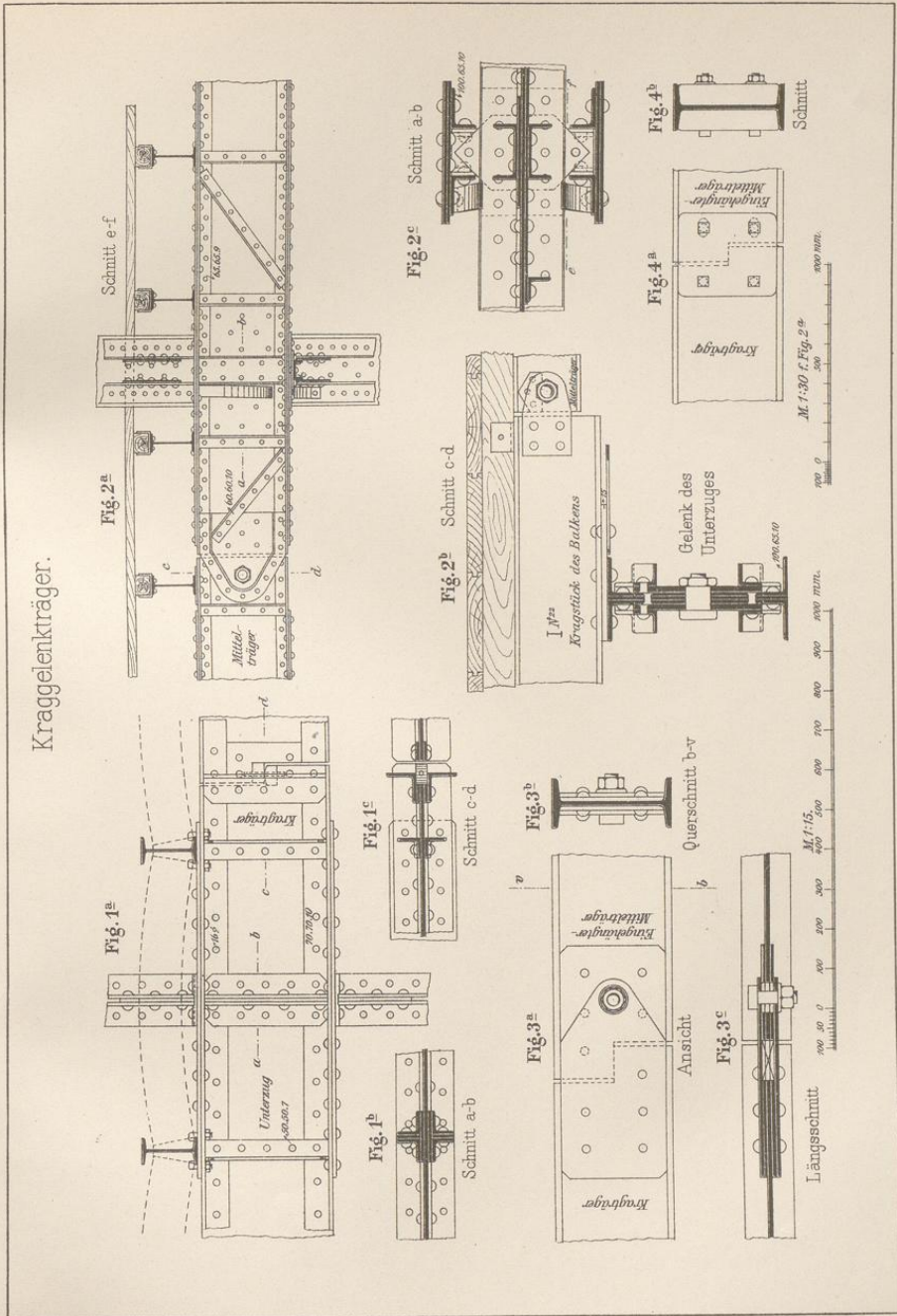




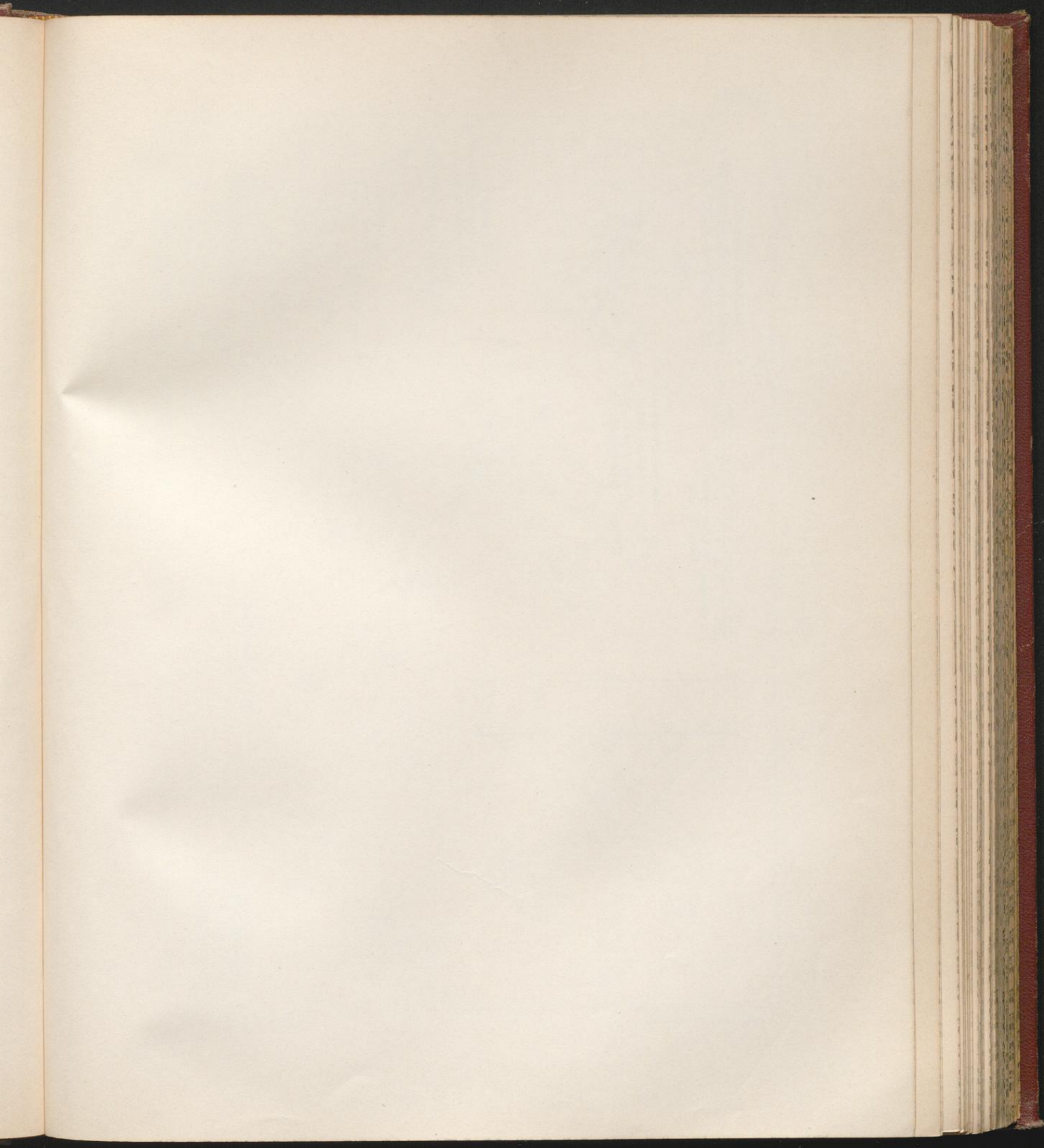




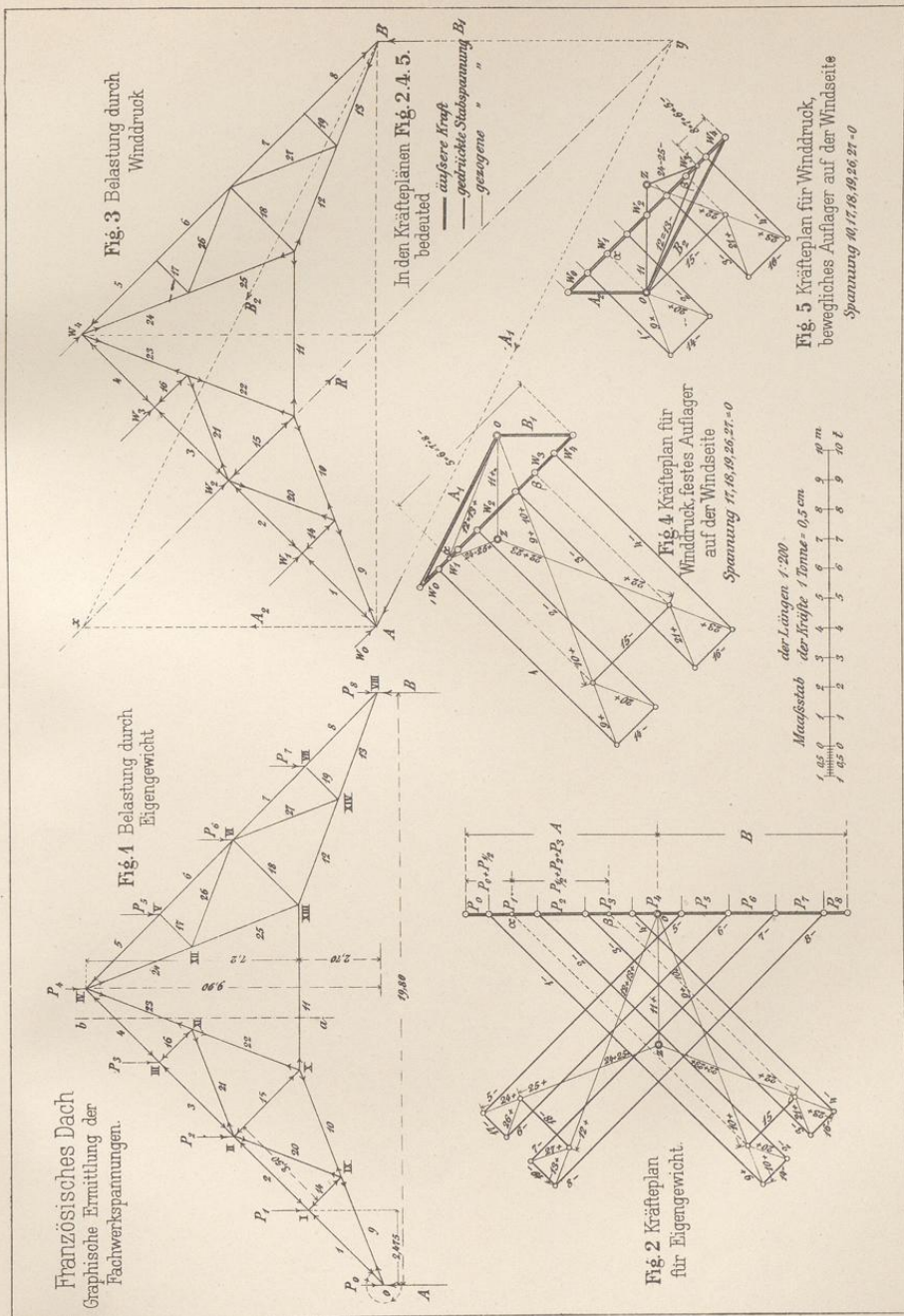
Kragelenkträger.







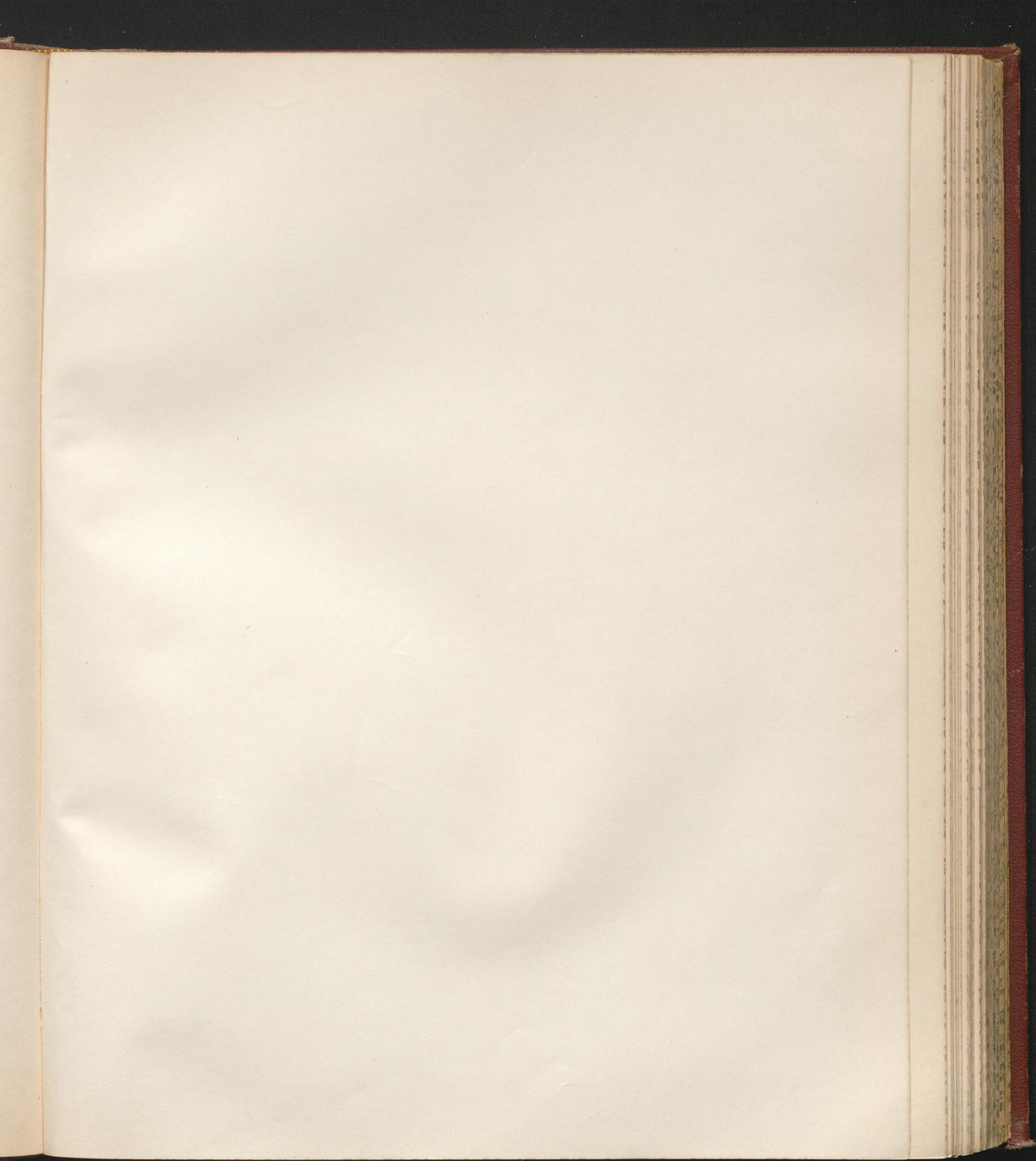


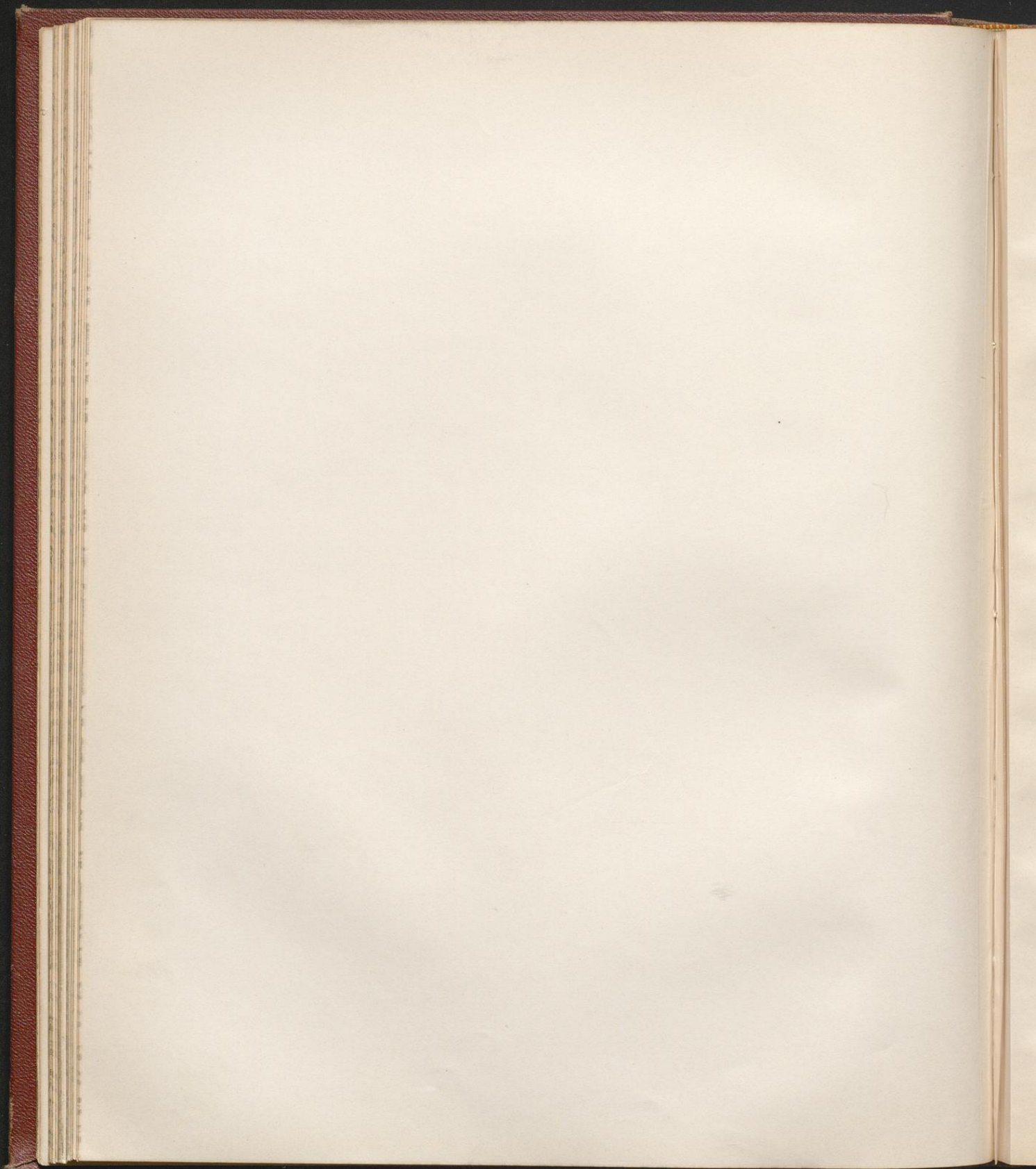


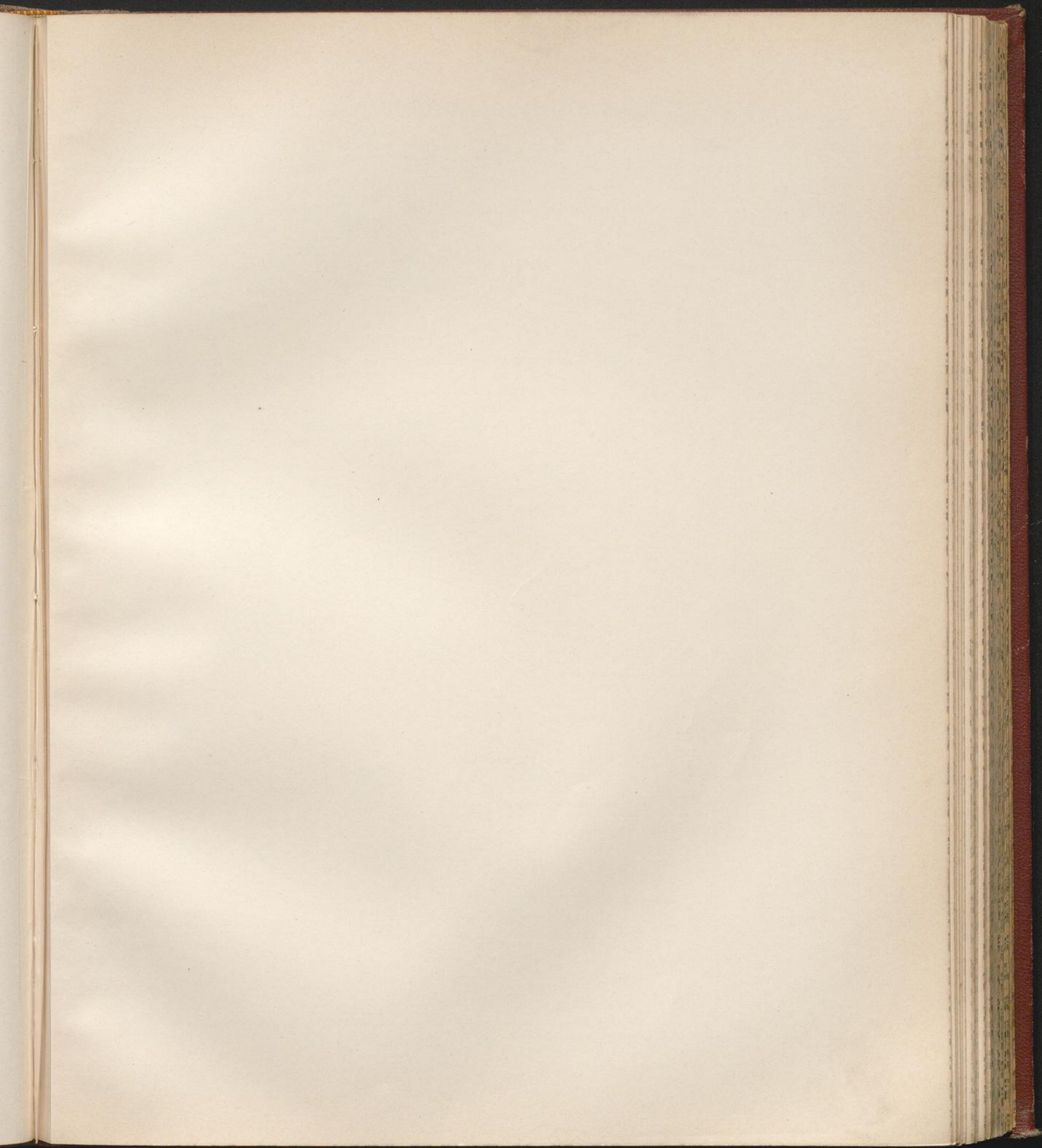
Breymann III Eisen (6. Aufl.)

J.M. Gebhardt's Verlag, Leipzig.









Englisches Dach

Graphische Ermittlung der Fachwerkspannungen im Binde.

Fig. 1<sup>a</sup> Belastung durch Eigengewicht

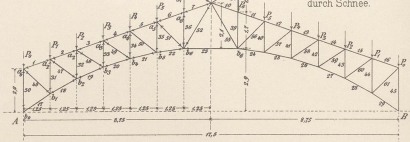


Fig. 1<sup>b</sup> Belastung durch Schnee

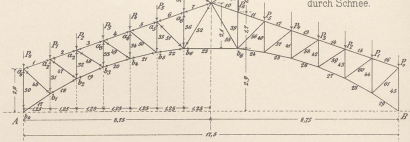


Fig. 3 Kräfteplan für Eigengewicht

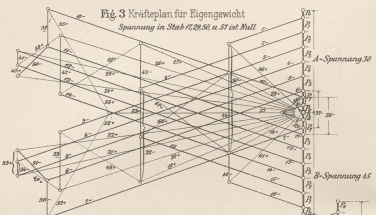


Fig. 4 Kräfteplan für einseitige Schneelast

Spannung  $f$  u.  $g$  ist Null

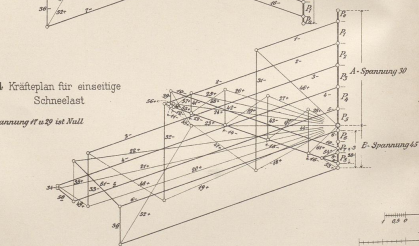


Fig. 2 Belastung durch Wind

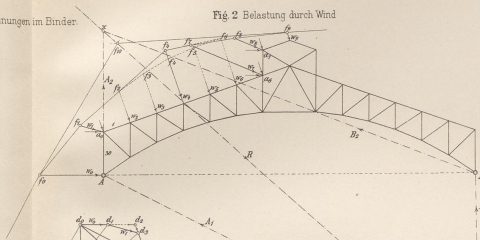


Fig. 4 Kräfteplan zur Ermittlung der Auflagerdrucke bei Windbelastung

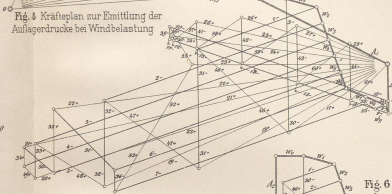


Fig. 5 Kräfteplan bei Windbelastung und festem Auflager auf der Windseite

Spannung in Stab 63-67 in Stab 29 u. 30

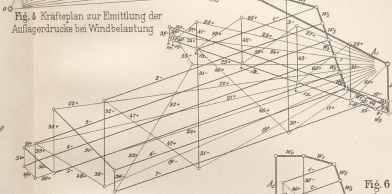
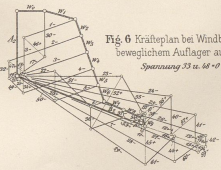
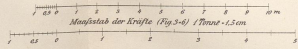


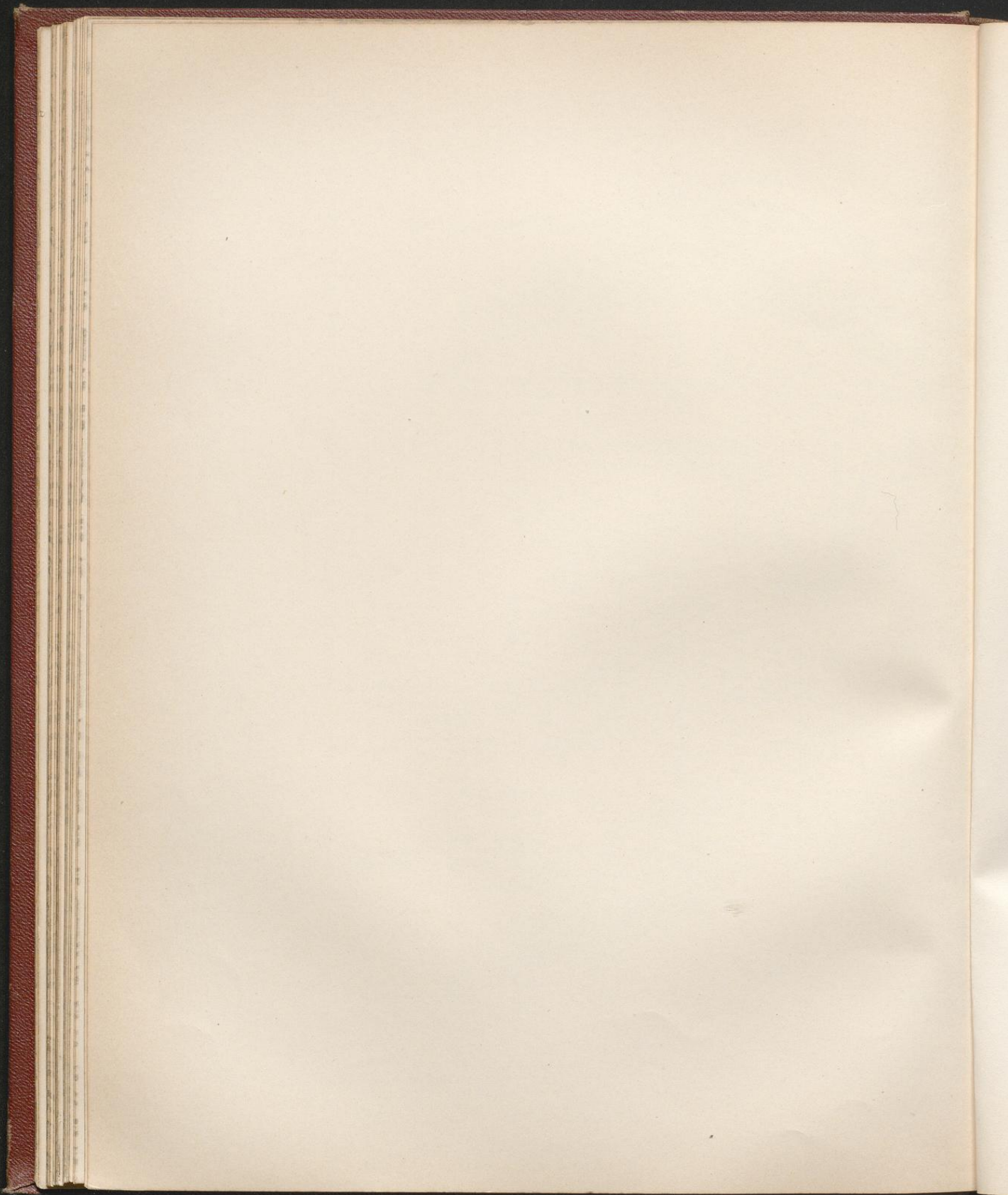
Fig. 6 Kräfteplan bei Windbelastung und beweglichem Auflager auf der Windseite

Spannung 33 u. 34 = 0



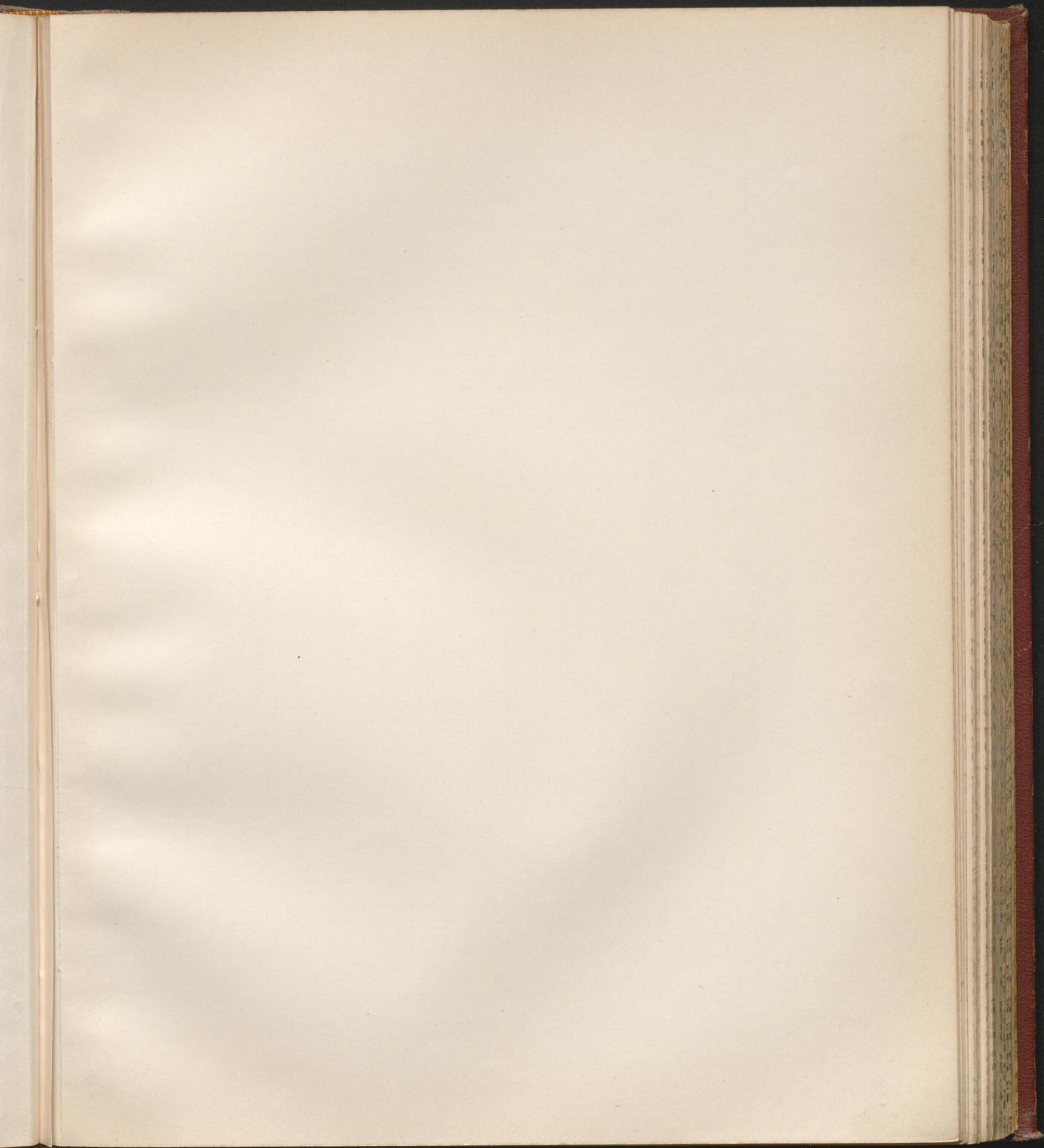
Maßstab der Längen (Fig. 2)











Anordnung  
der Decke und des Daches über einem Oberlichtsaale.  
(Entwurf) Blatt 1.

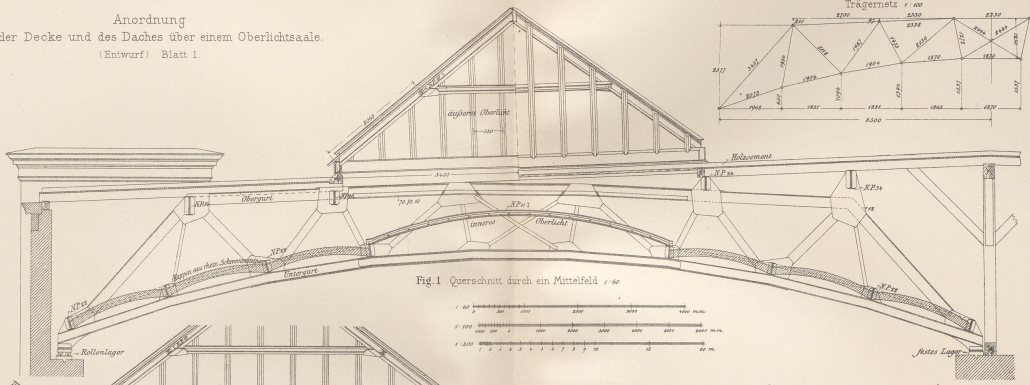


Fig. 1 Querschnitt durch ein Mittelfeld 1:60

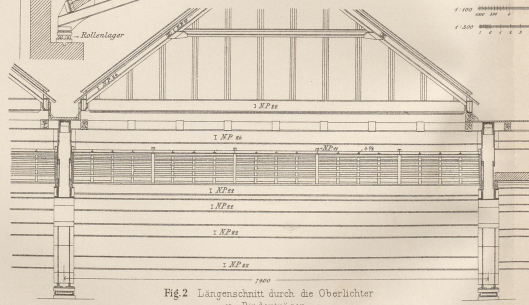


Fig. 2 Längenschnitt durch die Oberlichter u. Bunderträger 1:60

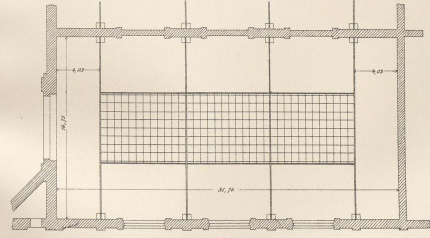


Fig. 3 Grundriß 1:200

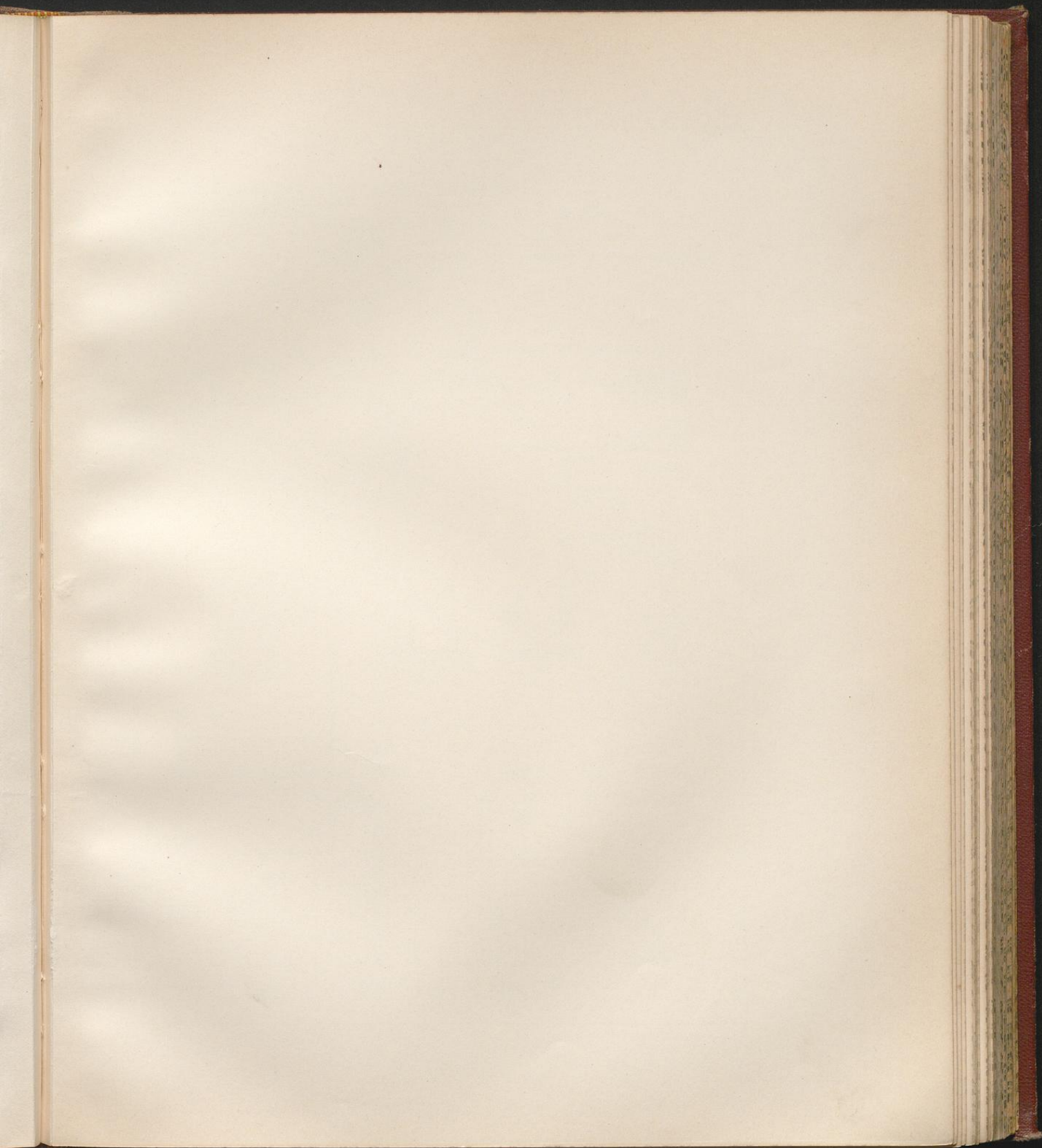
Bregmann II Eisen (6. Aufl.)

J.M. Gebhardt's Verlag, Leipzig

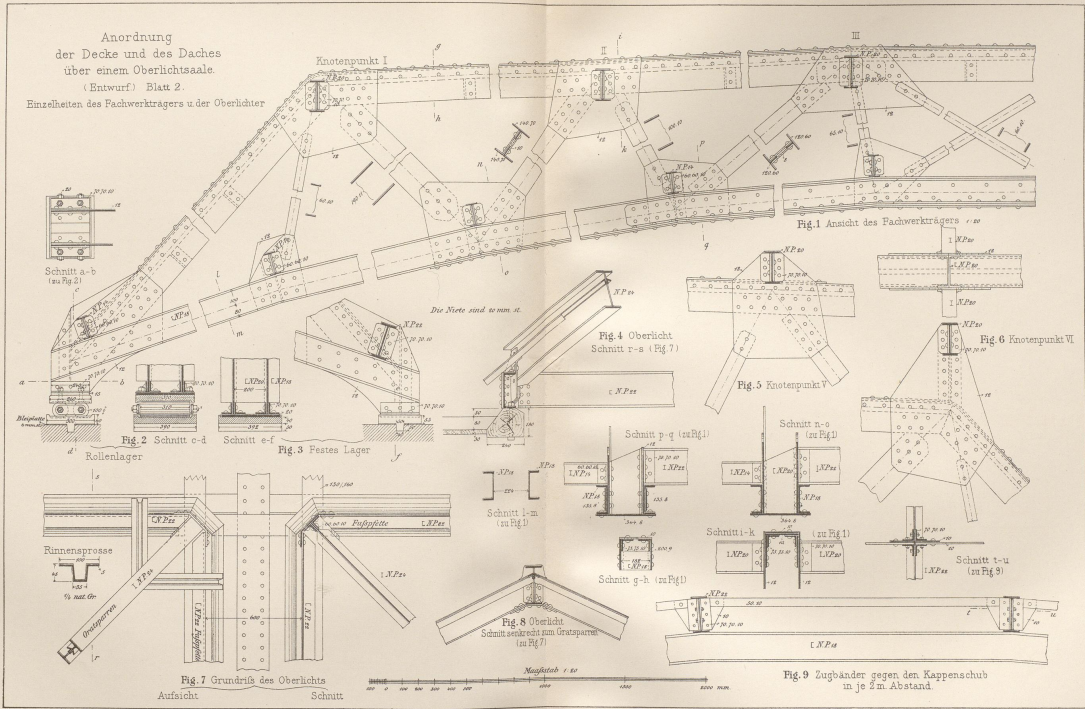






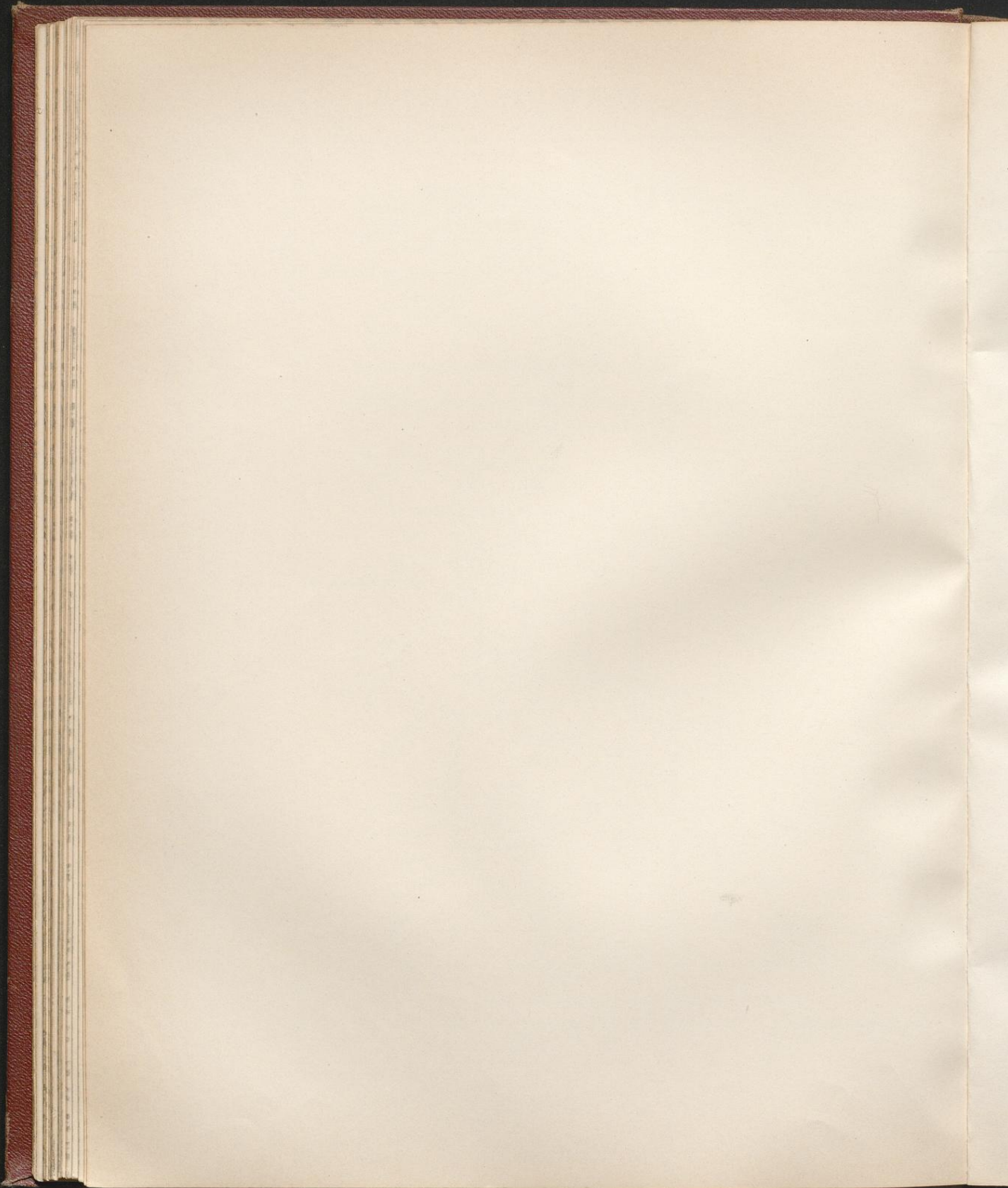


Anordnung der Decke und des Daches über einem Oberlichtsaale.  
(Entwurf) Blatt 2  
Einzelheiten des Fachwerkträgers u. der Oberlichter



Reymann & Hesse (6. Aufl.)

J.M. Gebhardt's Verlag, Leipzig.









Decke  
über dem großen Sitzungssaale  
des Reichsgerichtsgebäudes in Leipzig  
(Entwurf)

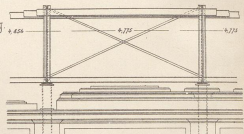
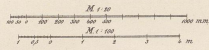


Fig. 1 Längenschnitt

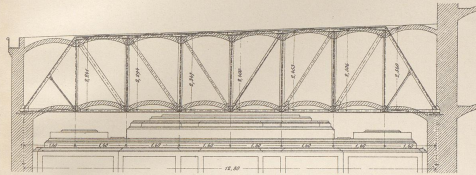


Fig. 2 Querschnitt

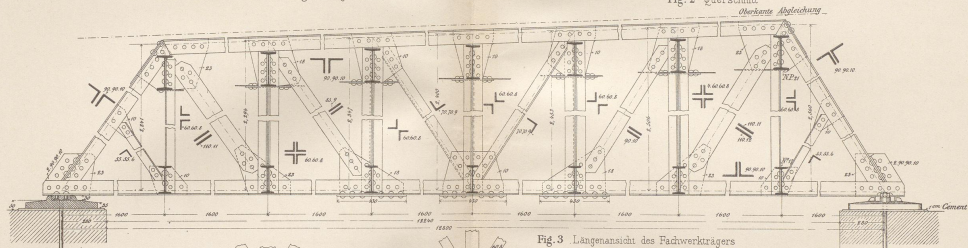


Fig. 3 Längensicht des Fachwerkträgers

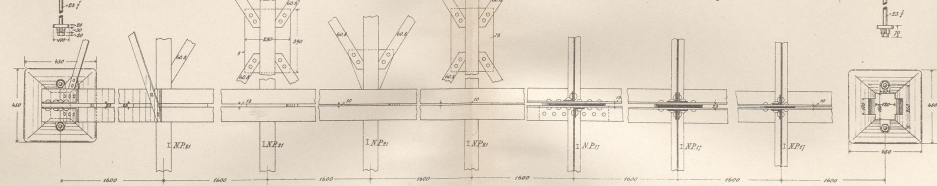


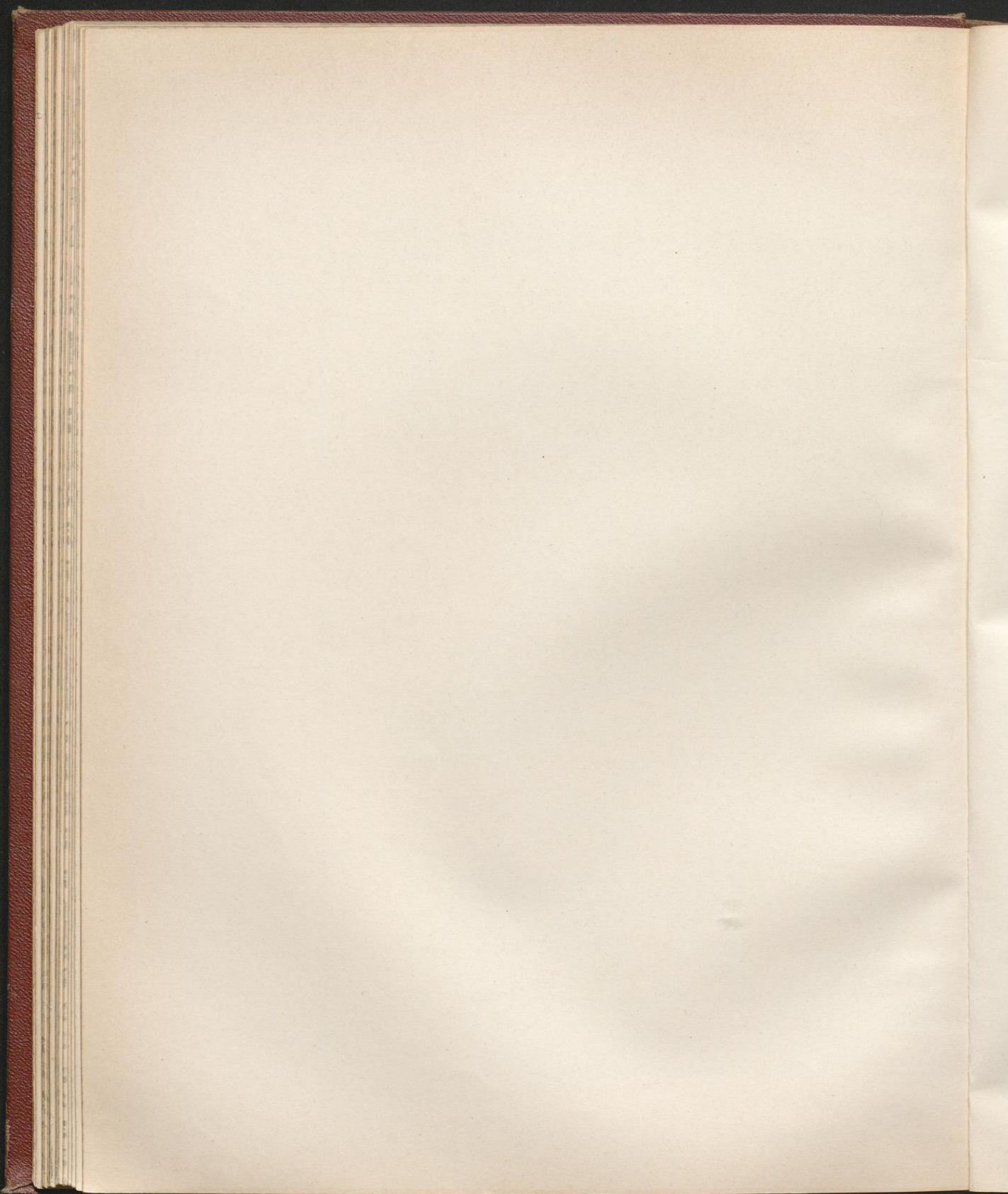
Fig. 4 Grundriss des Fachwerkträgers.

R. Cremer, Ing.

L. Hoffmann, Arch.

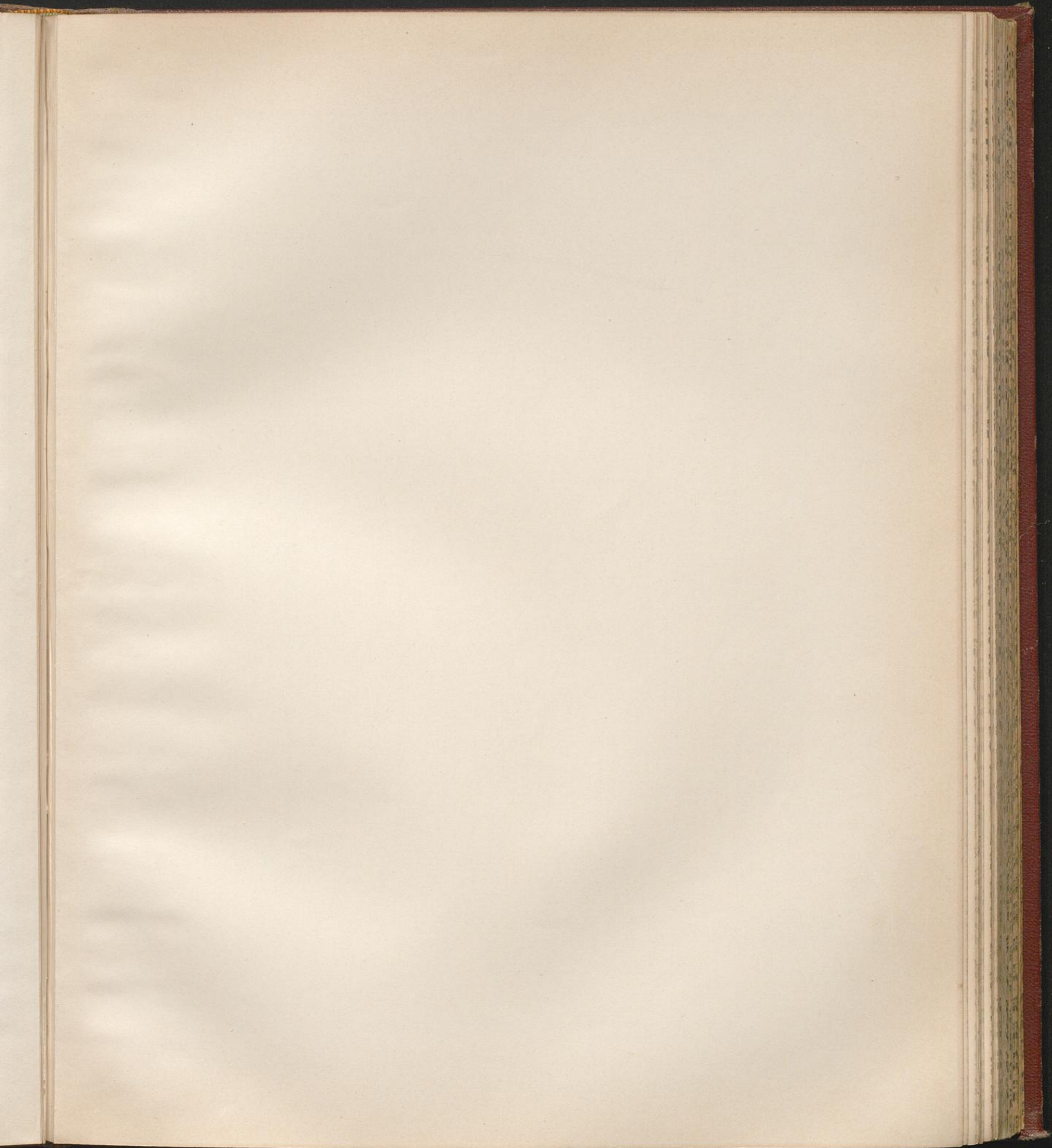
Brymann II Eisen (6. Aufl.)

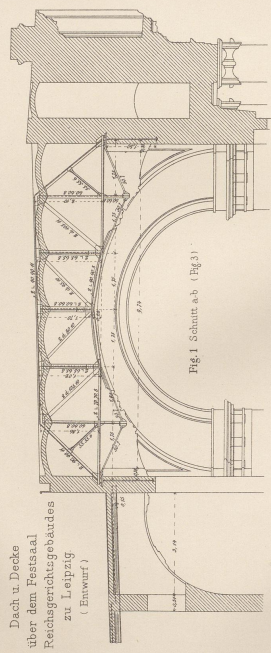
J.M. Gebhardt's Verlag, Leipzig











Dach u. Decke  
über dem Festsaal  
des Reichsrichtungsgebäudes  
zu Leipzig  
(Enwürf)

Fig. 1 Schnitt a-b (Fig. 3)

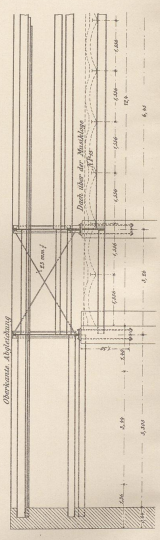


Fig. 2 Schnitt c-d (Fig. 3)

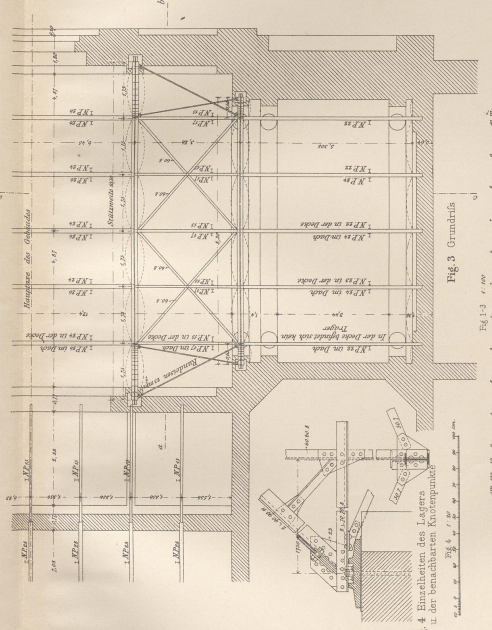


Fig. 3 Grundriß

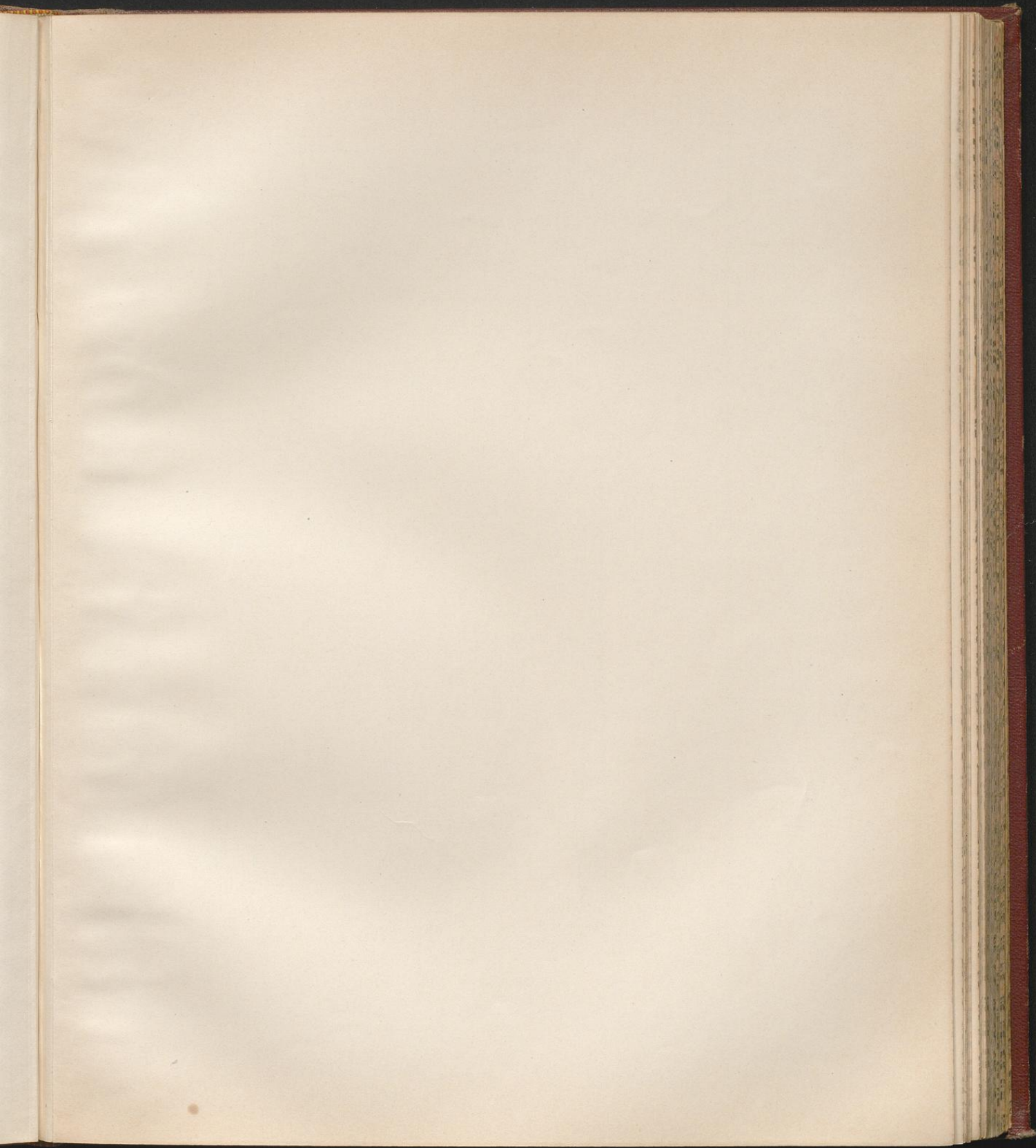
Fig. 1-3 r. 100

Fig. 4 Einzelheiten des Laagers u. der benachbarten Knotenpunkte

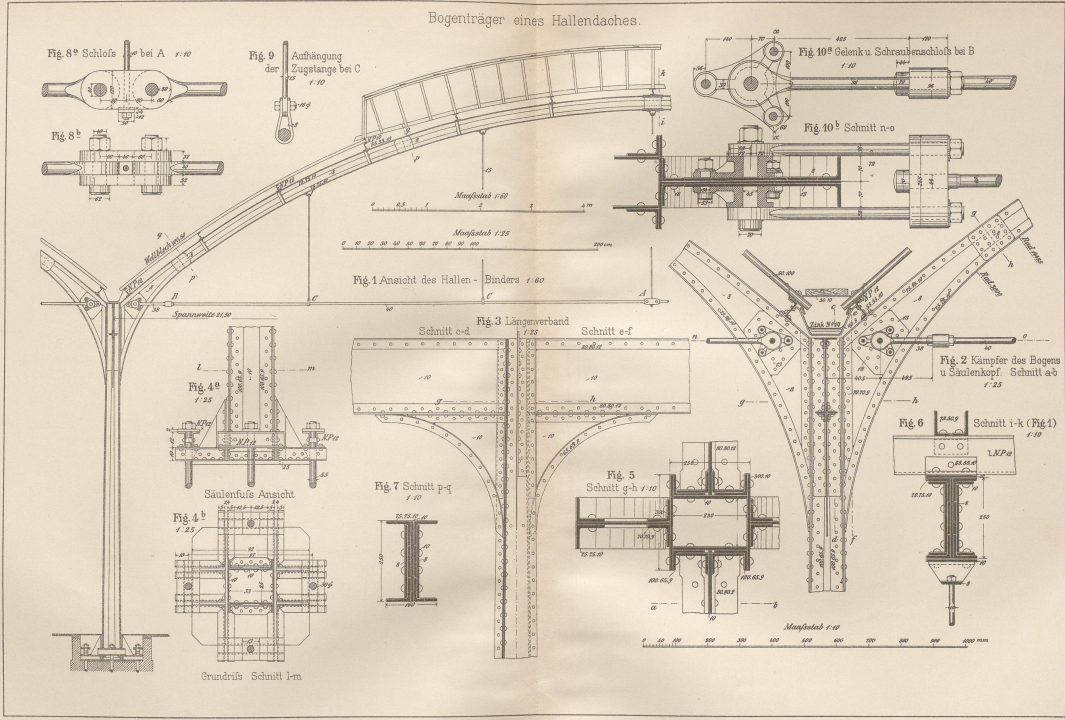
R. Cremer, Ing.

Leipzig, Hoffmann, Nach.





Bogenträger eines Hallendaches.



Brymann II. Eisen. (6. Aufl.)

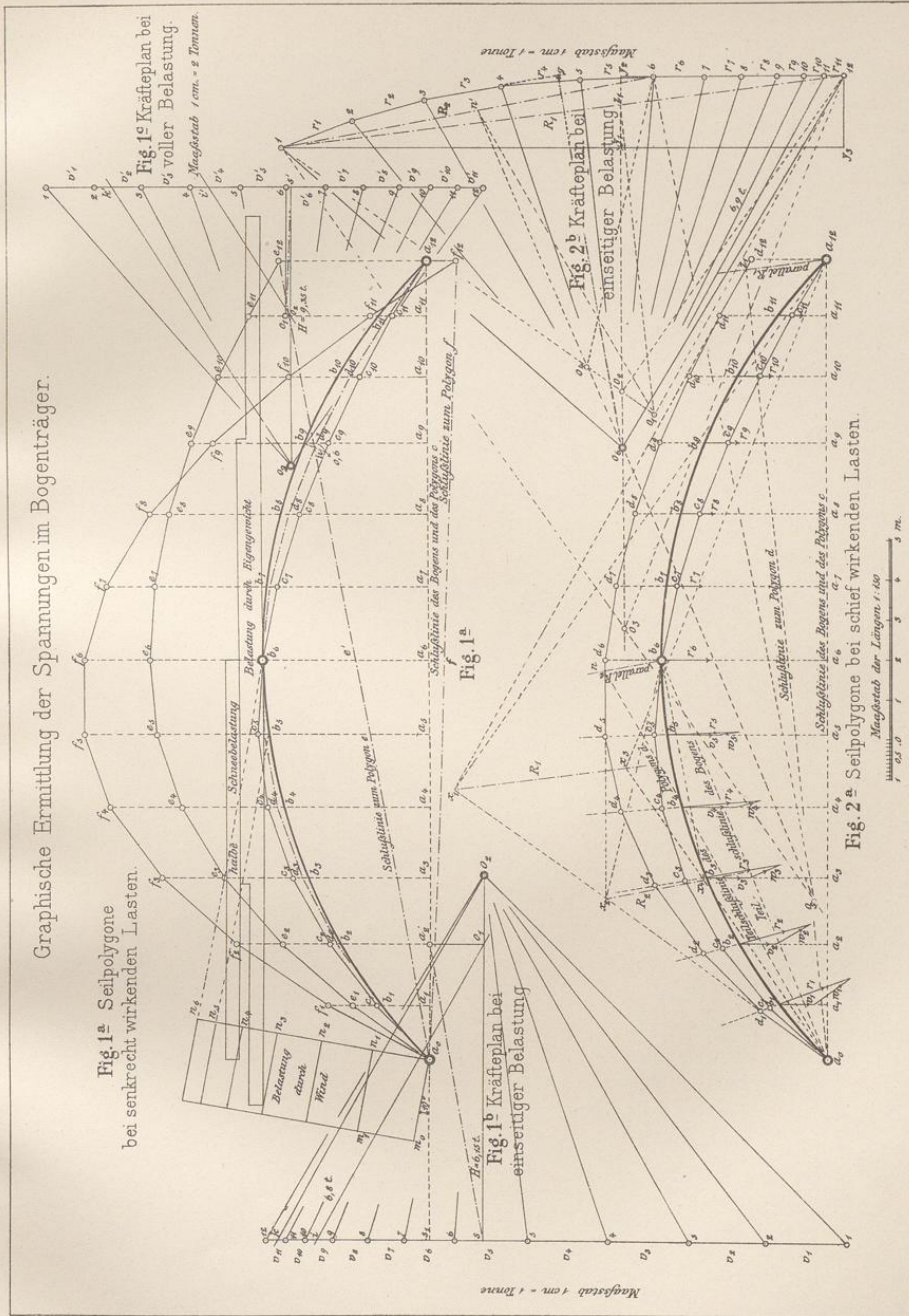
J.M. Gebhardt's Verlag, Leipzig.



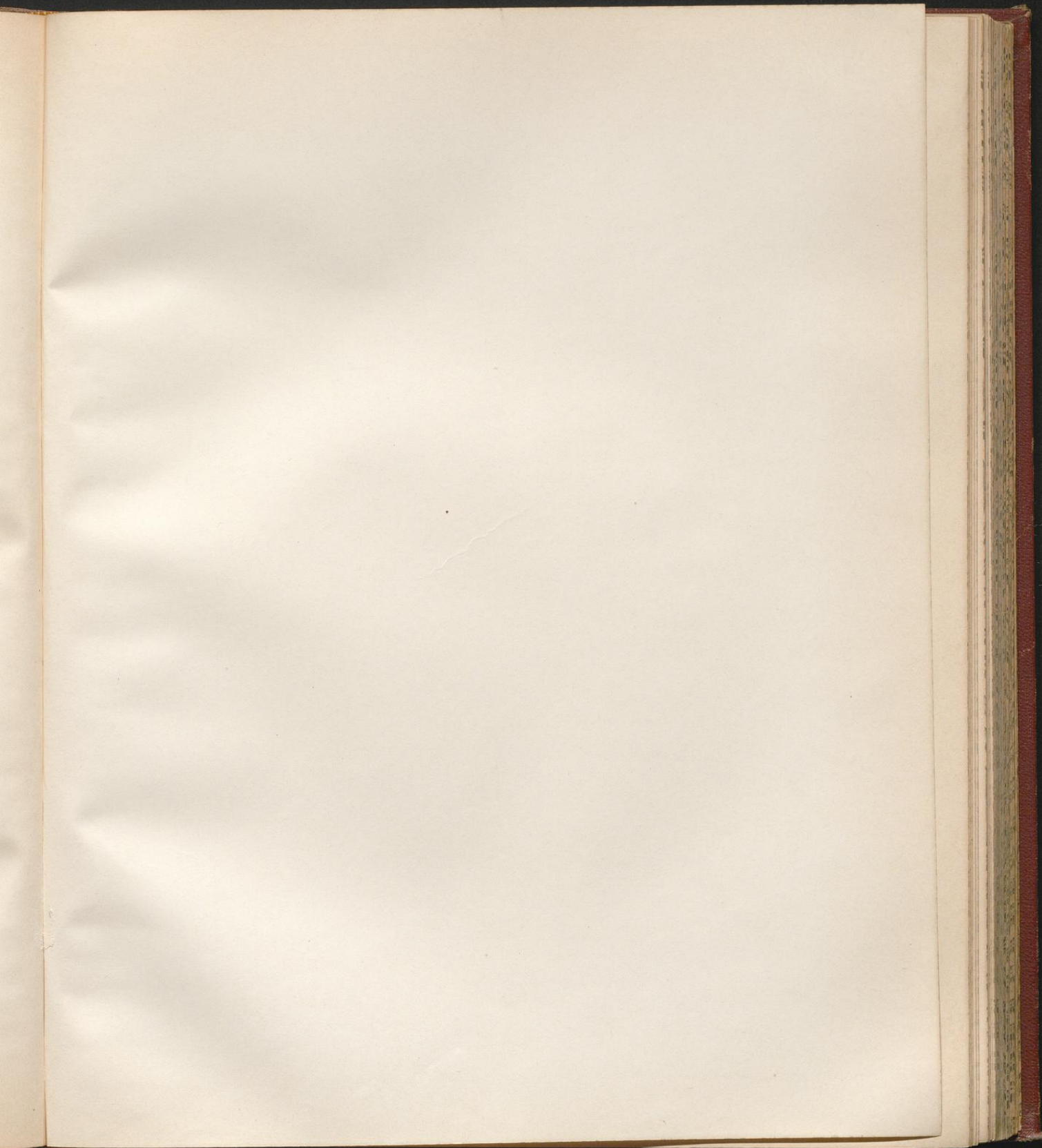




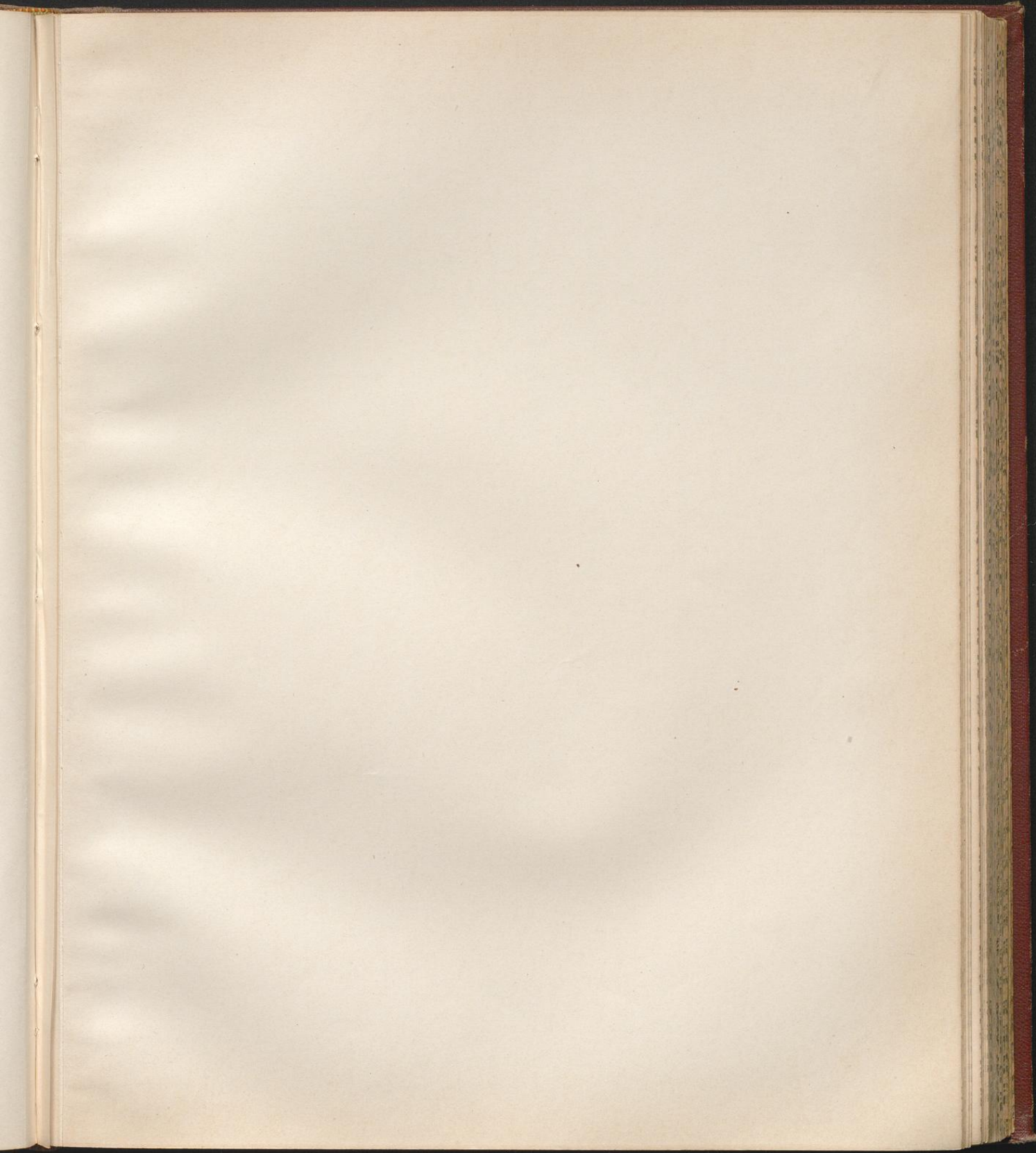
Graphische Ermittlung der Spannungen im Bogenträger.



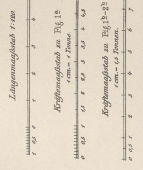
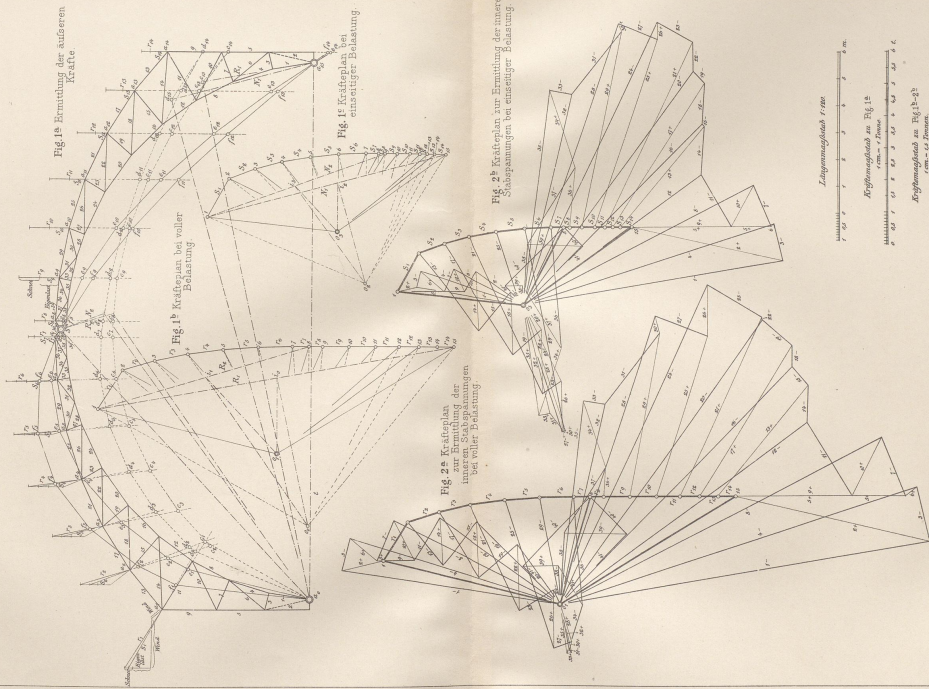








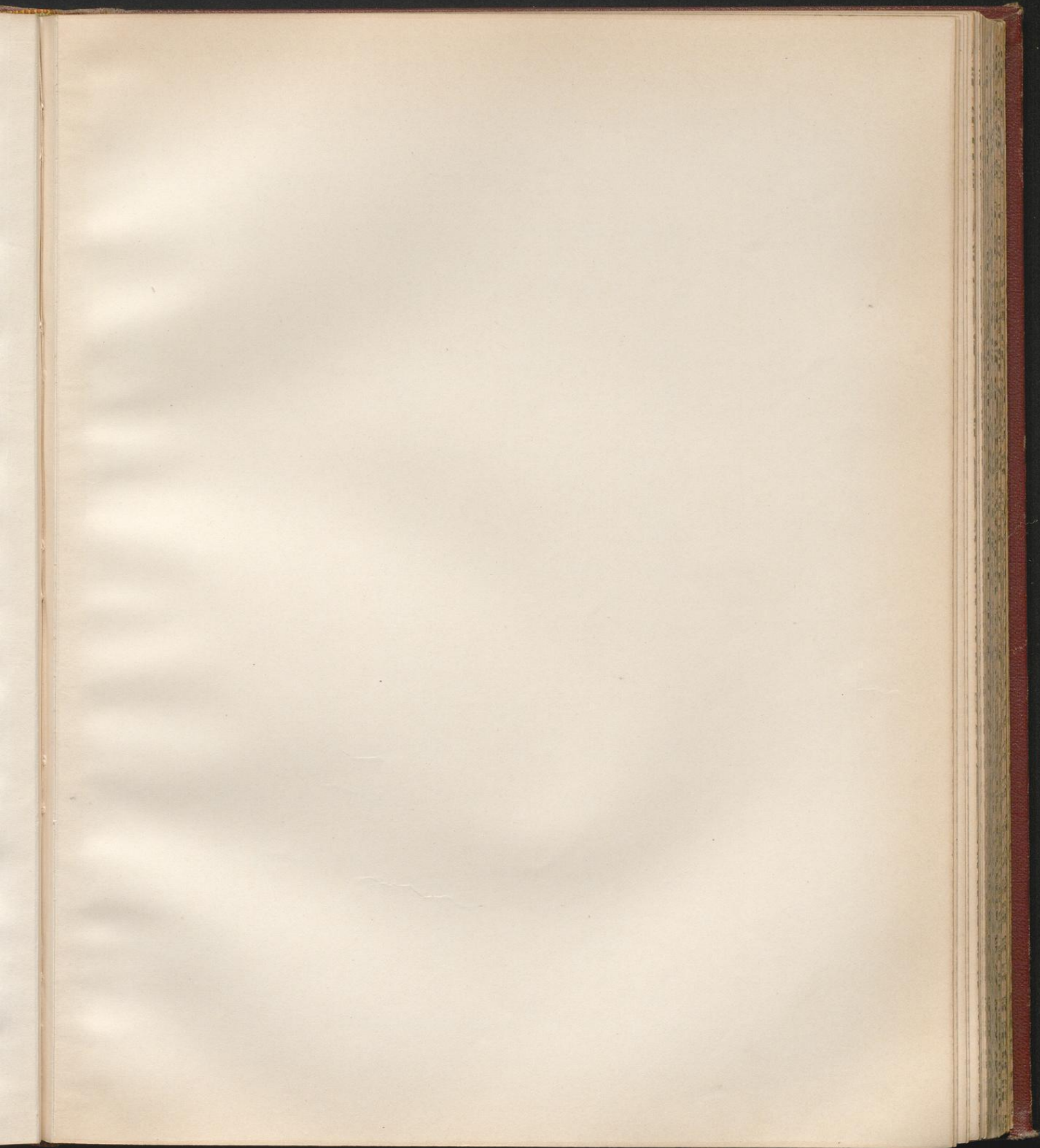
Graphische Ermittlung der Spannungen im Bogenträgerwerk.

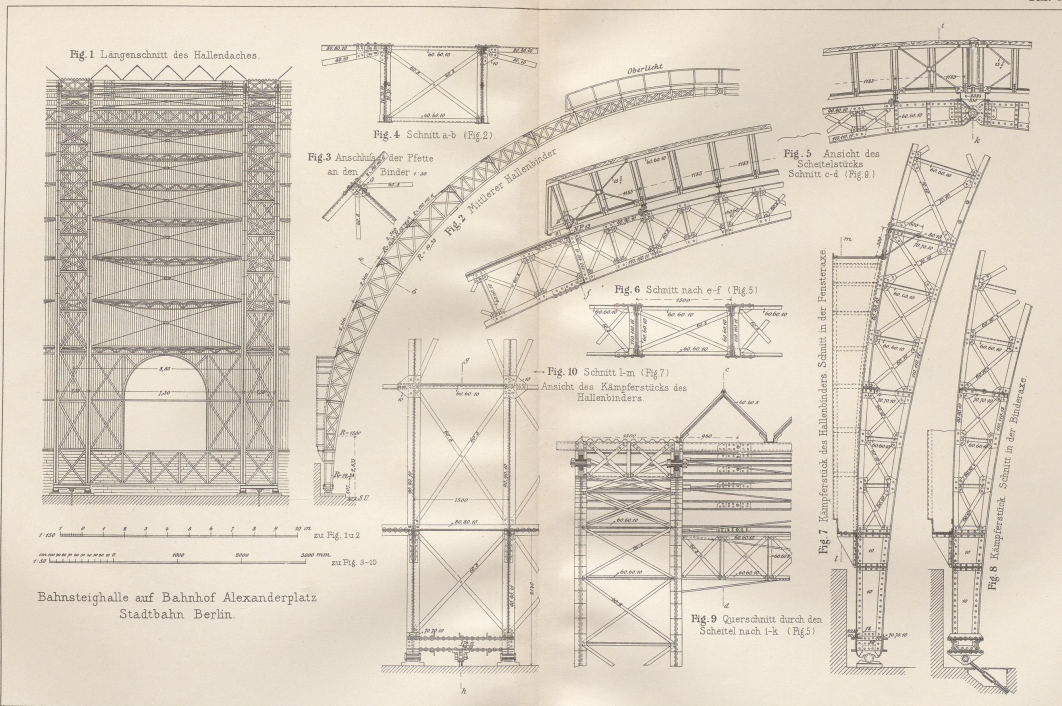








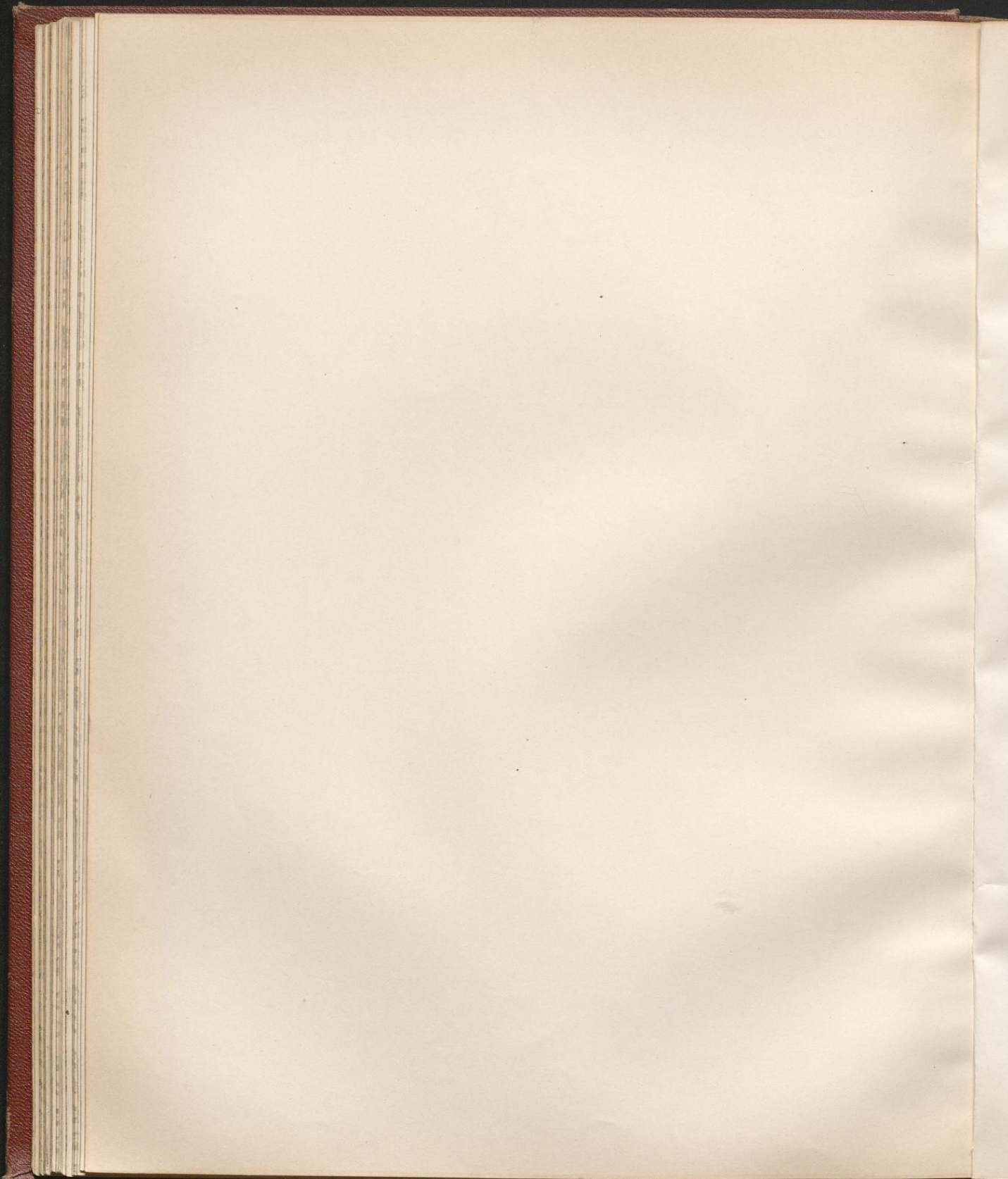




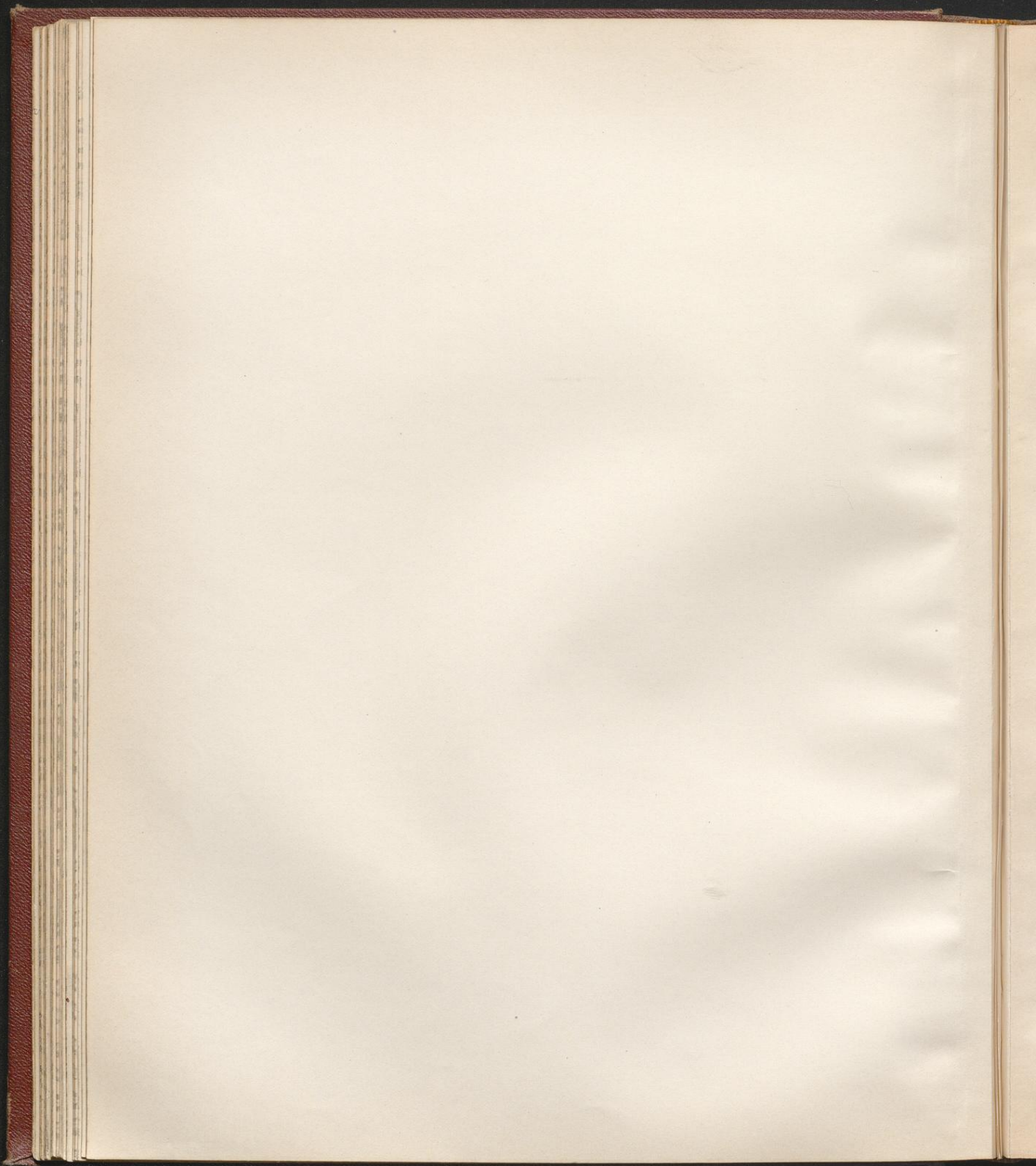
Bahnsteighalle auf Bahnhof Alexanderplatz  
Stadtbahn Berlin

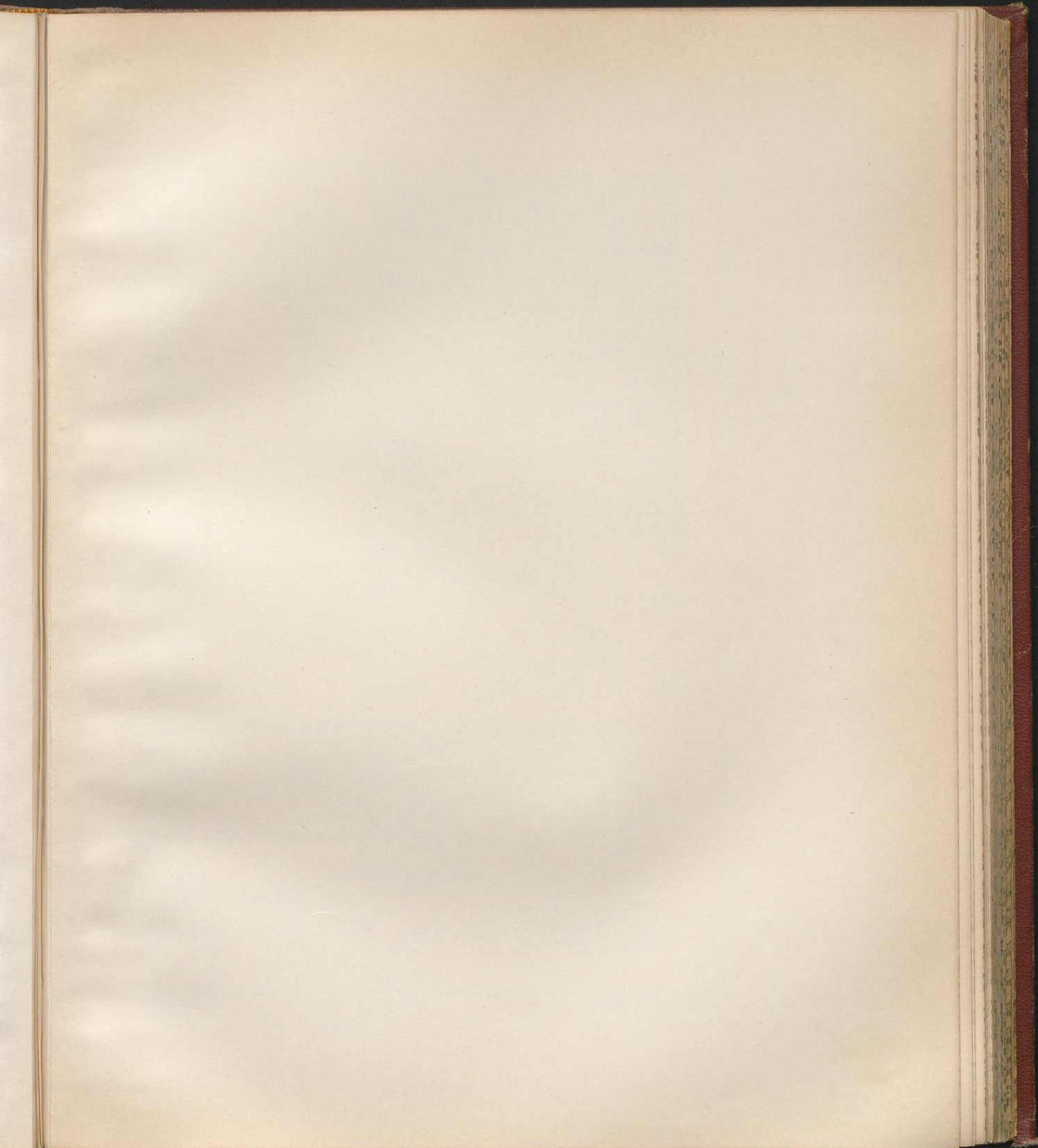
Boymann u. Ehem (6. Aufl.)

J.M. Gebhardt's Verlag, Leipzig

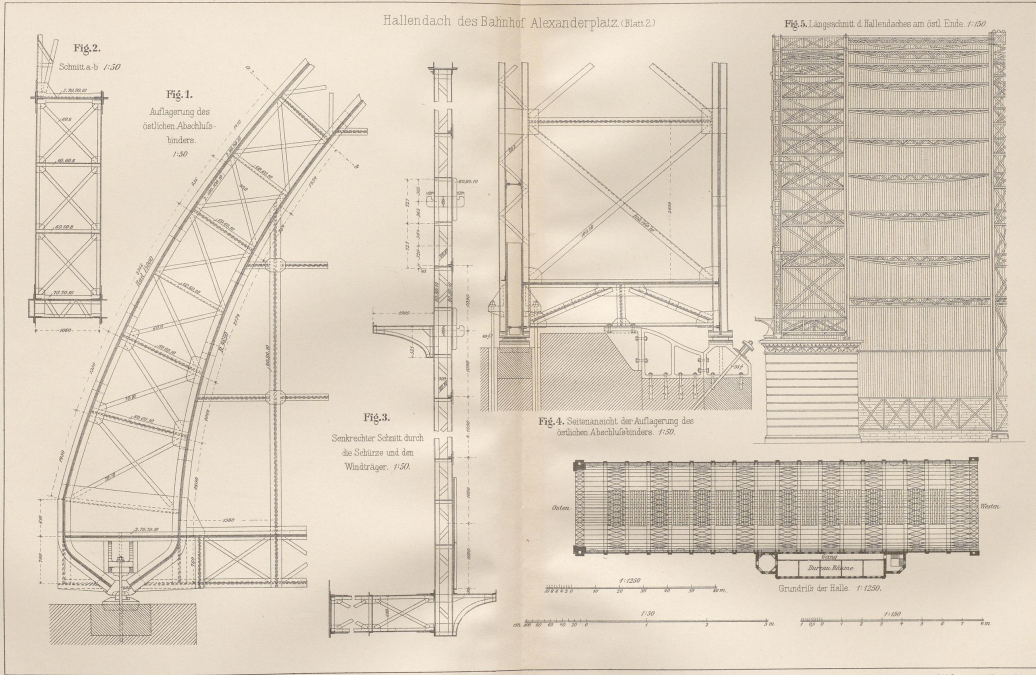






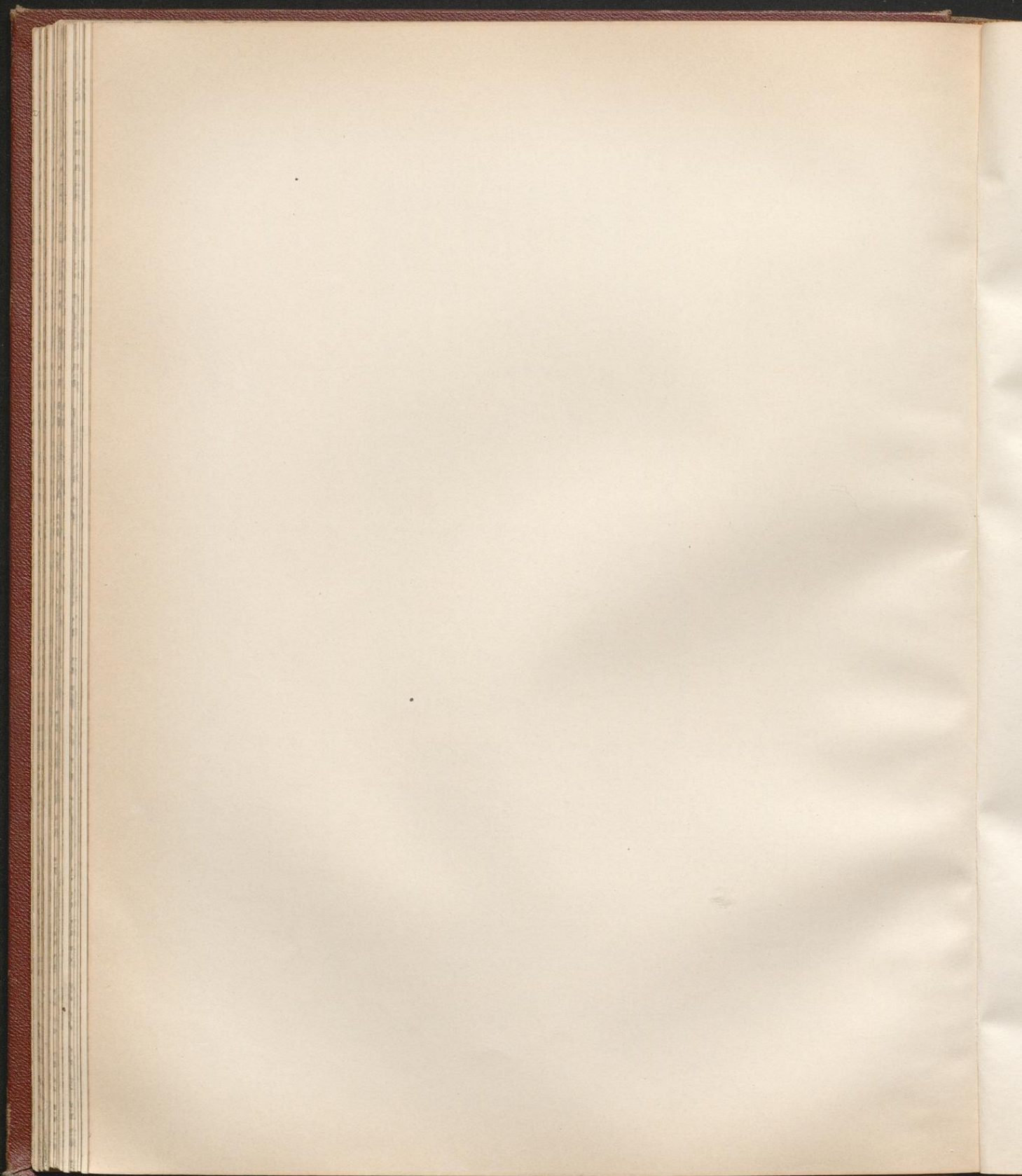


Hallendach des Bahnhof Alexanderplatz. (Blatt 2.)



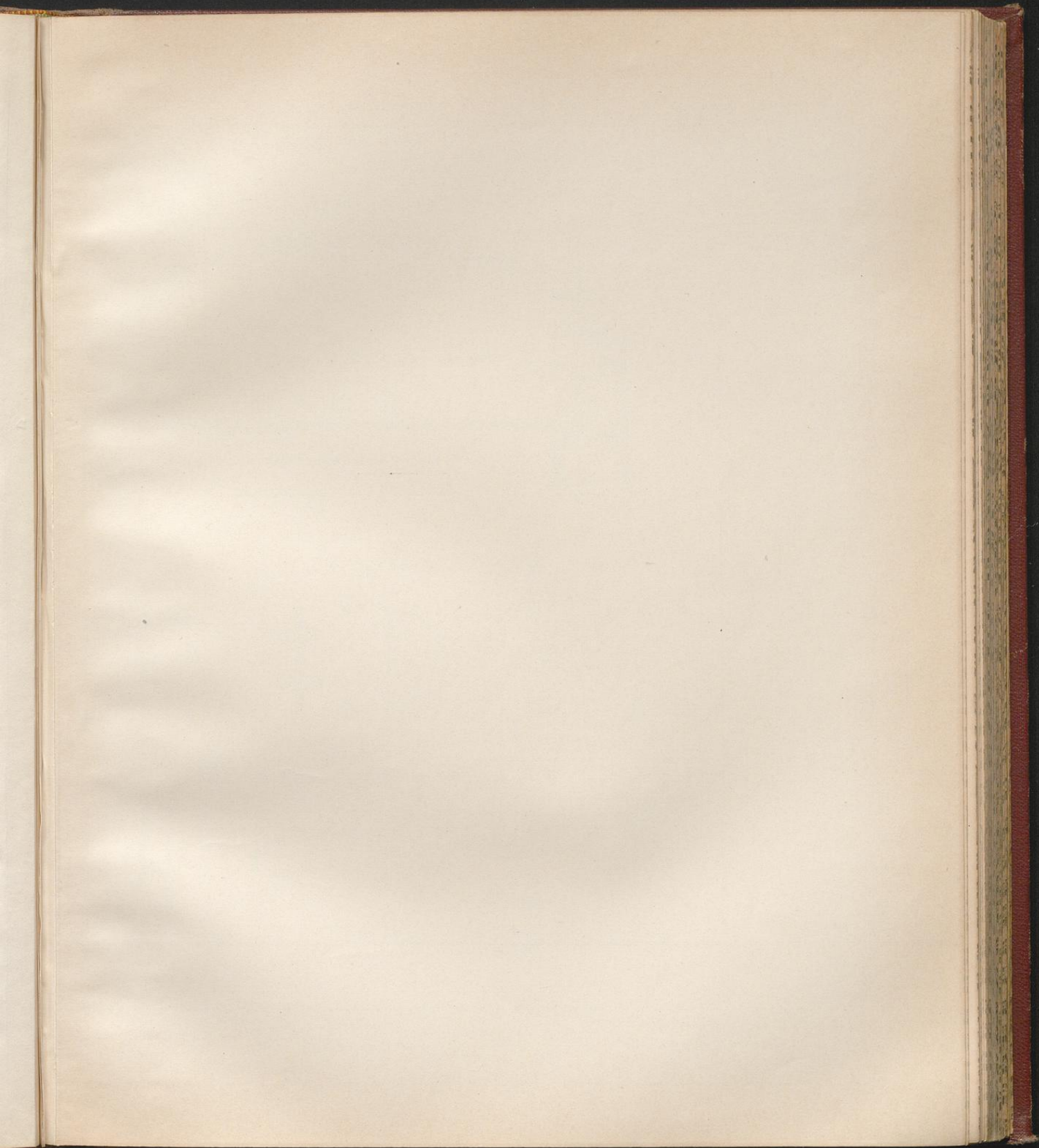
Bregmann II Eisen. 16. Aufl.

J.M. Gebhardt's Verlag, Leipzig.

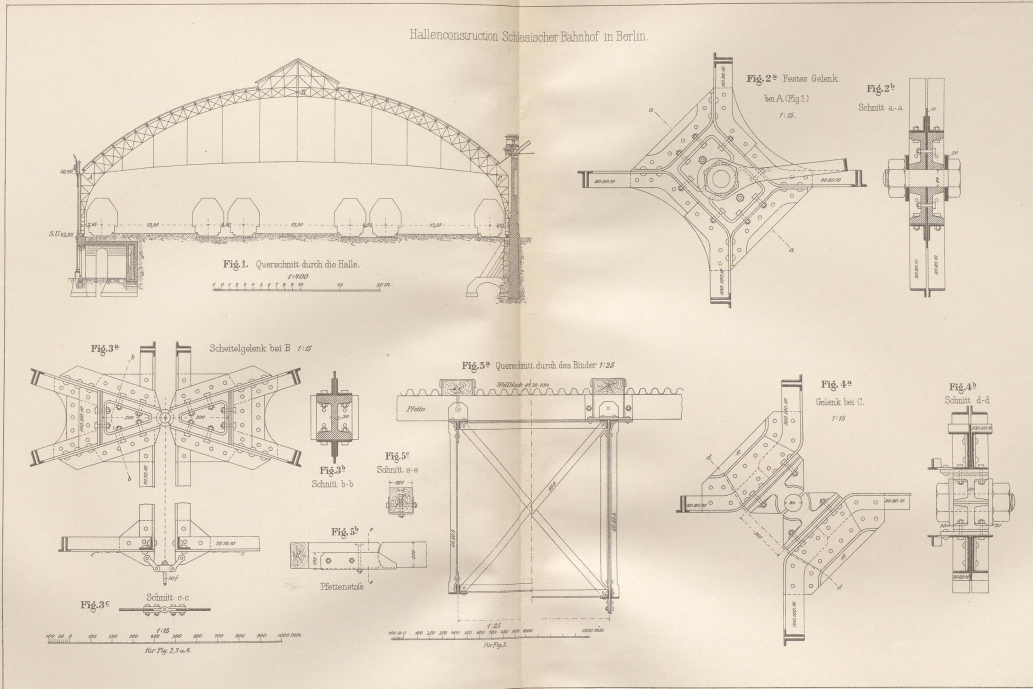








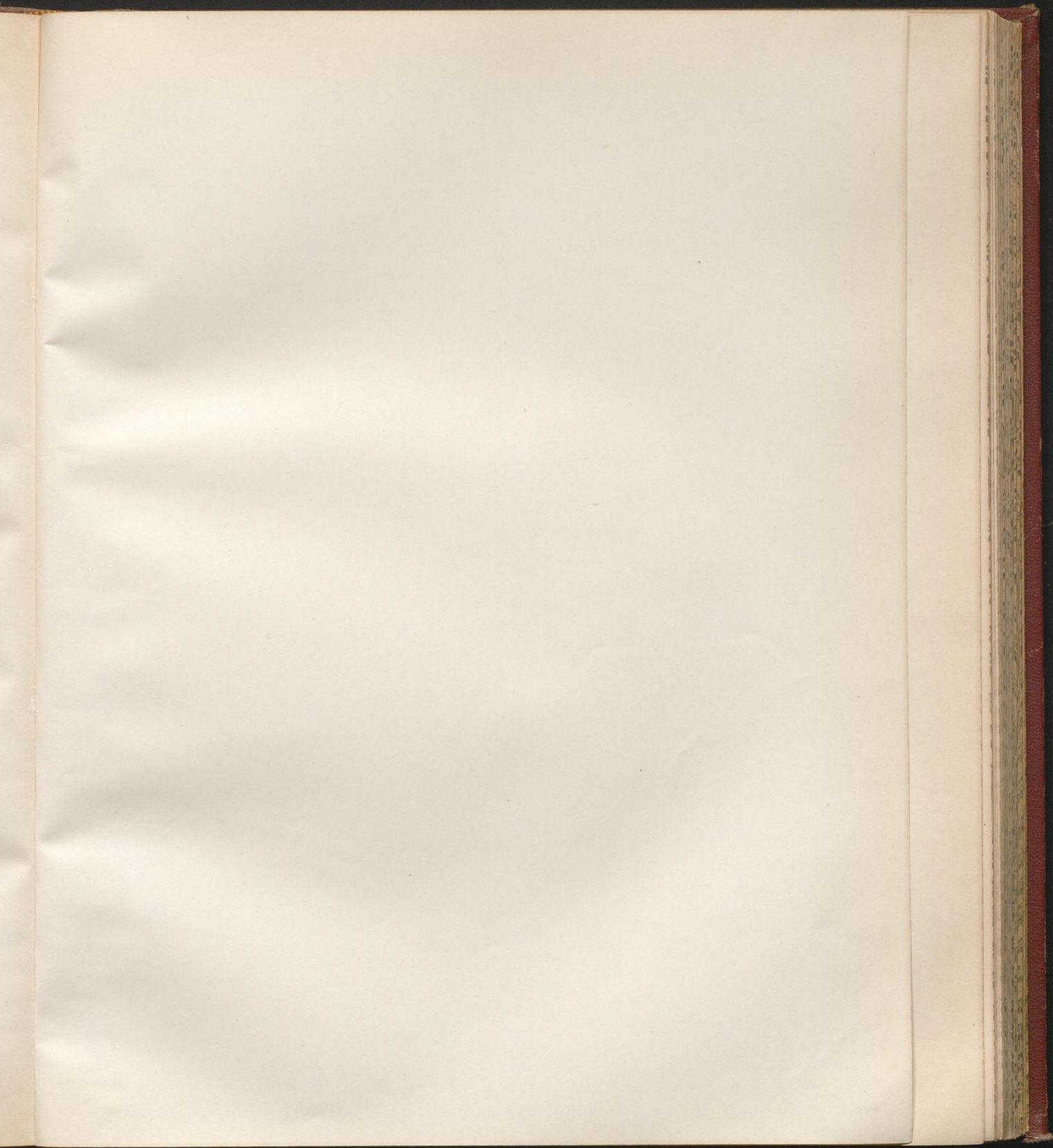
Hallenconstruction, Schlesiischer Bahnhof in Berlin.



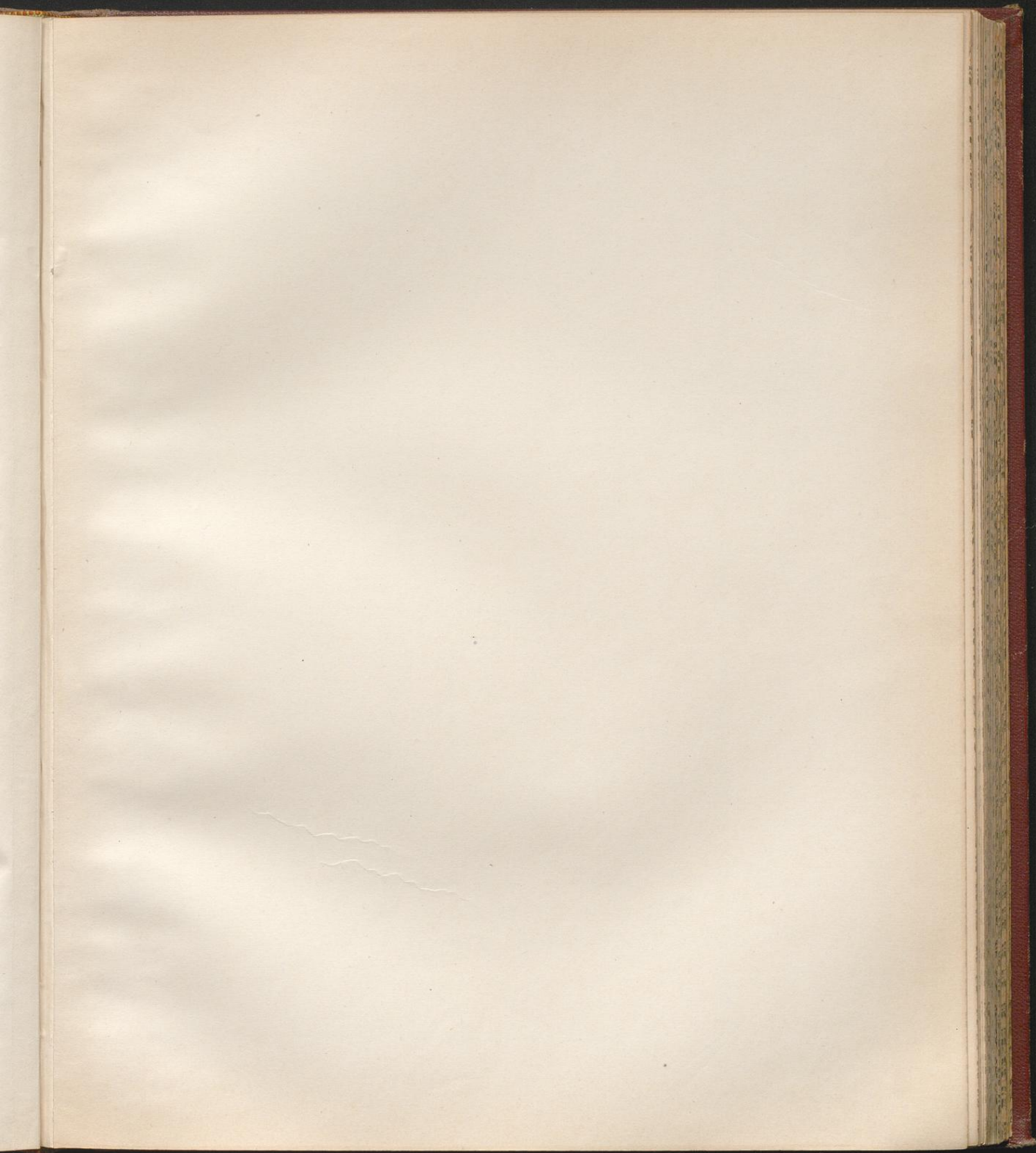
Braymann II Eisen (6 Aufl.)

J.M. Gebhardt's Verlag, Leipzig.









Bahnhofshalle in Frankfurt a. M.

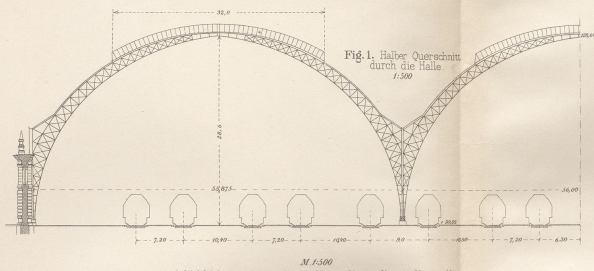


Fig. 1. Halber Querschnitt durch die Halle 1:500

Fig. 3-6. Plattenweise 1:30

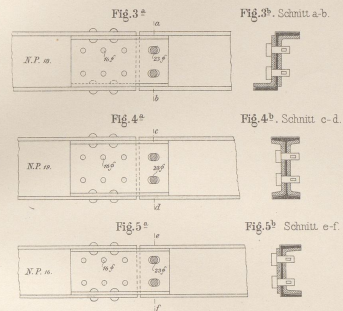


Fig. 3<sup>a</sup>

Fig. 4<sup>a</sup>

Fig. 5<sup>a</sup>

Fig. 3<sup>b</sup> Schnitt a-b

Fig. 4<sup>b</sup> Schnitt c-d

Fig. 5<sup>b</sup> Schnitt e-f

Fig. 2<sup>a</sup>. Grundriss 1:300

Fig. 2<sup>a-o</sup> Scheitelgelenk

Fig. 2<sup>b</sup> Ansicht 1:15

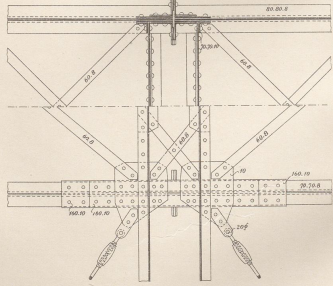


Fig. 2<sup>d</sup>. Schnitt e-f 1:15

Fig. 2<sup>e</sup>. Schnitt a-b 1:15

Fig. 2<sup>c</sup>. Schnitt c-d 1:15

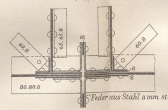
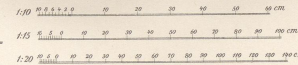


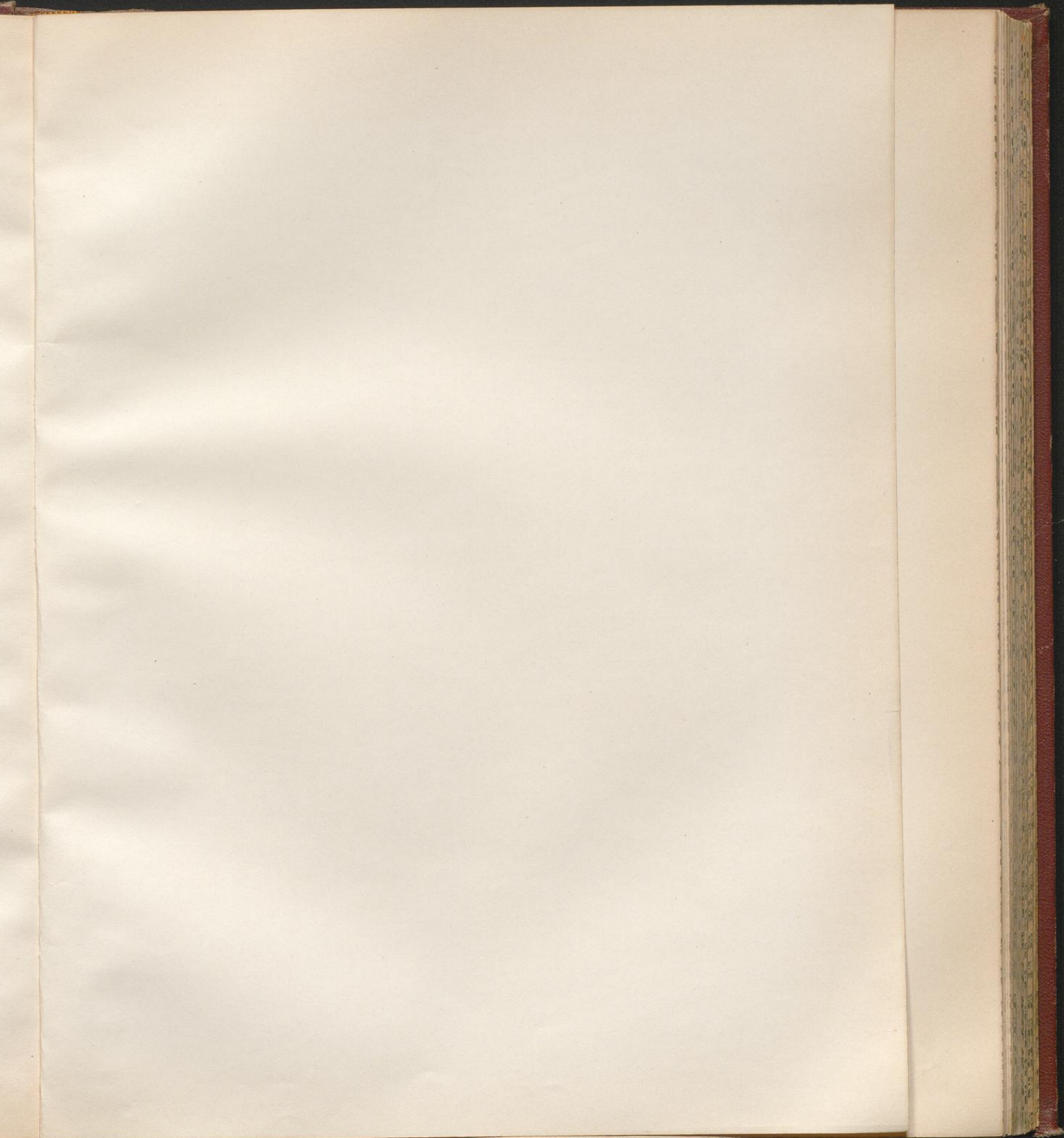
Fig. 2<sup>c</sup>. Schnitt c-d 1:15

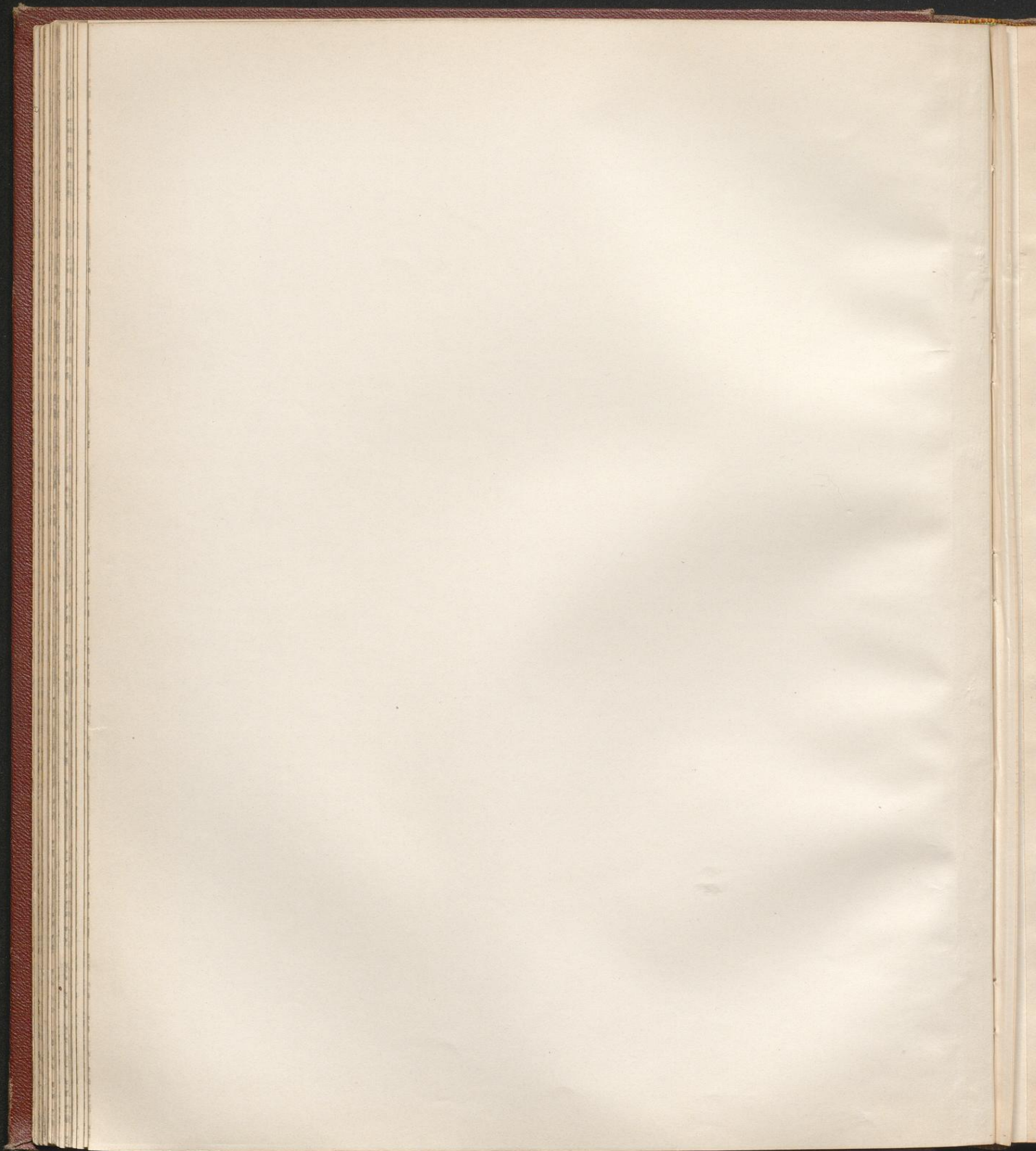
Fig. 6<sup>a</sup> Schnitt g-h 1:15

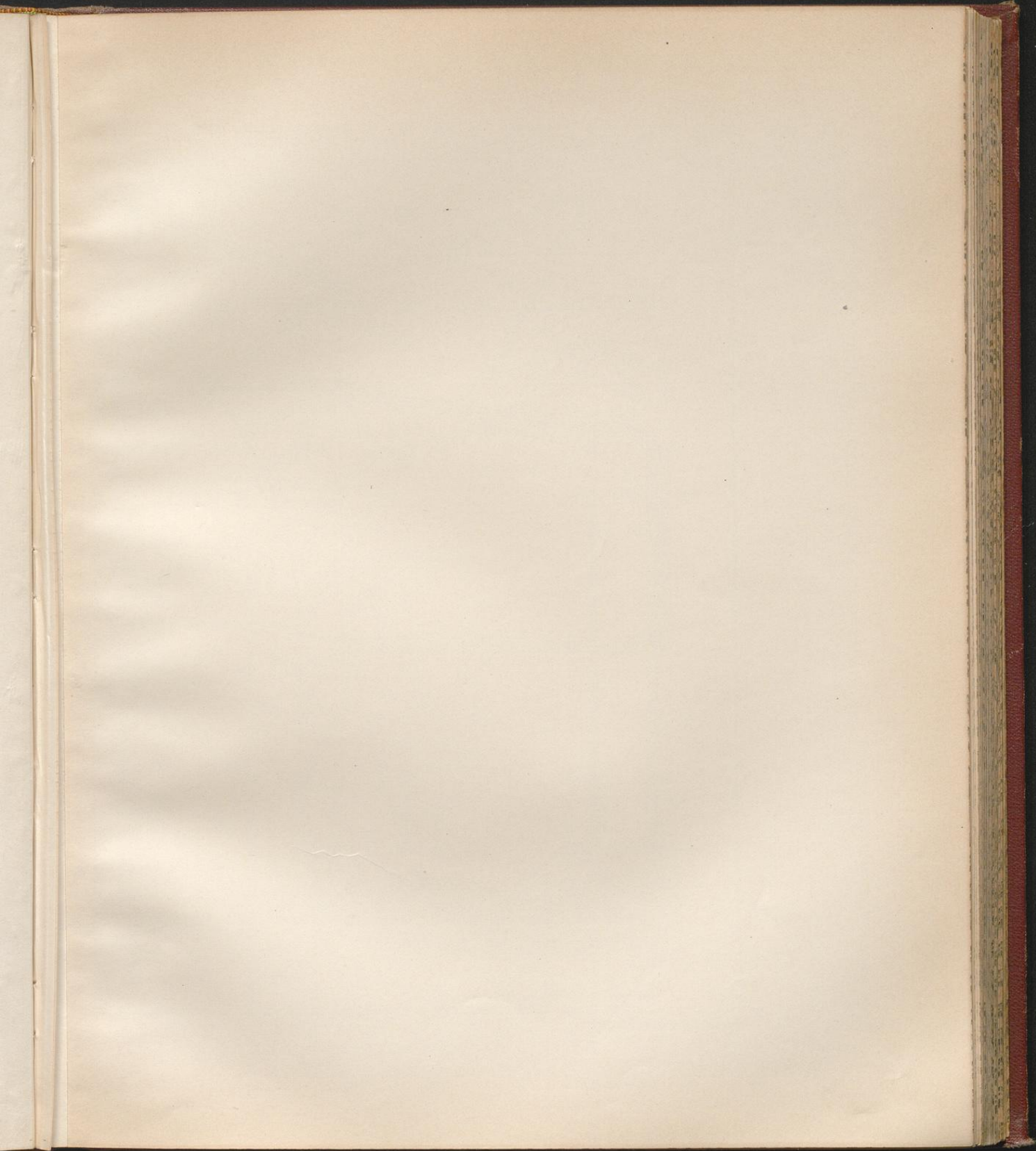
Fig. 6<sup>b</sup> Schnitt i-k 1:15



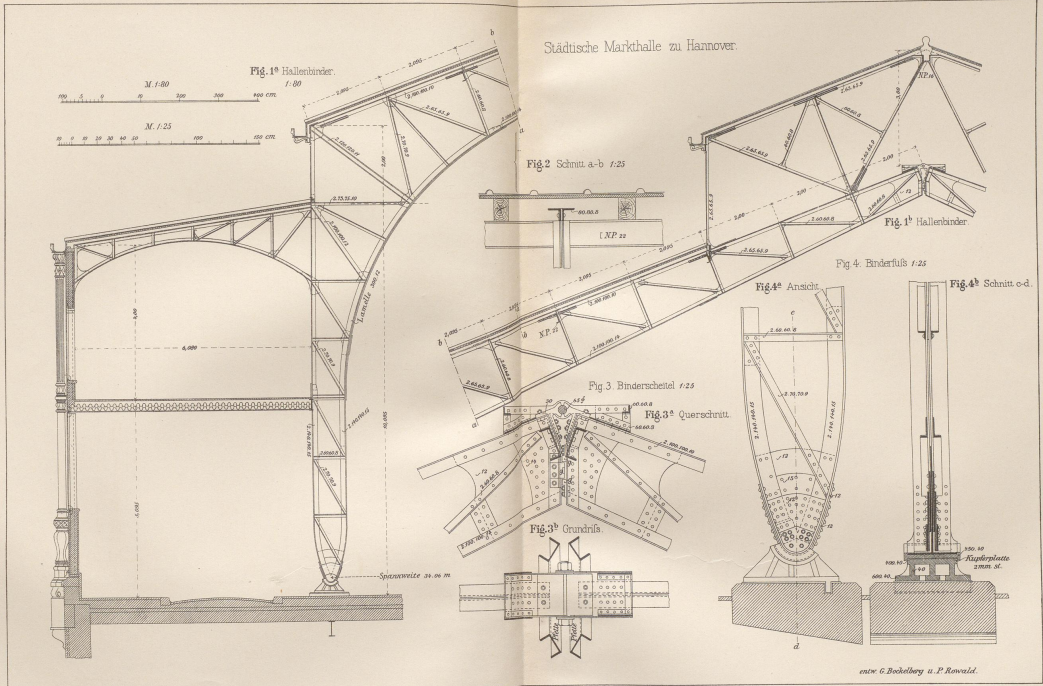








Städtische Markthalle zu Hannover.

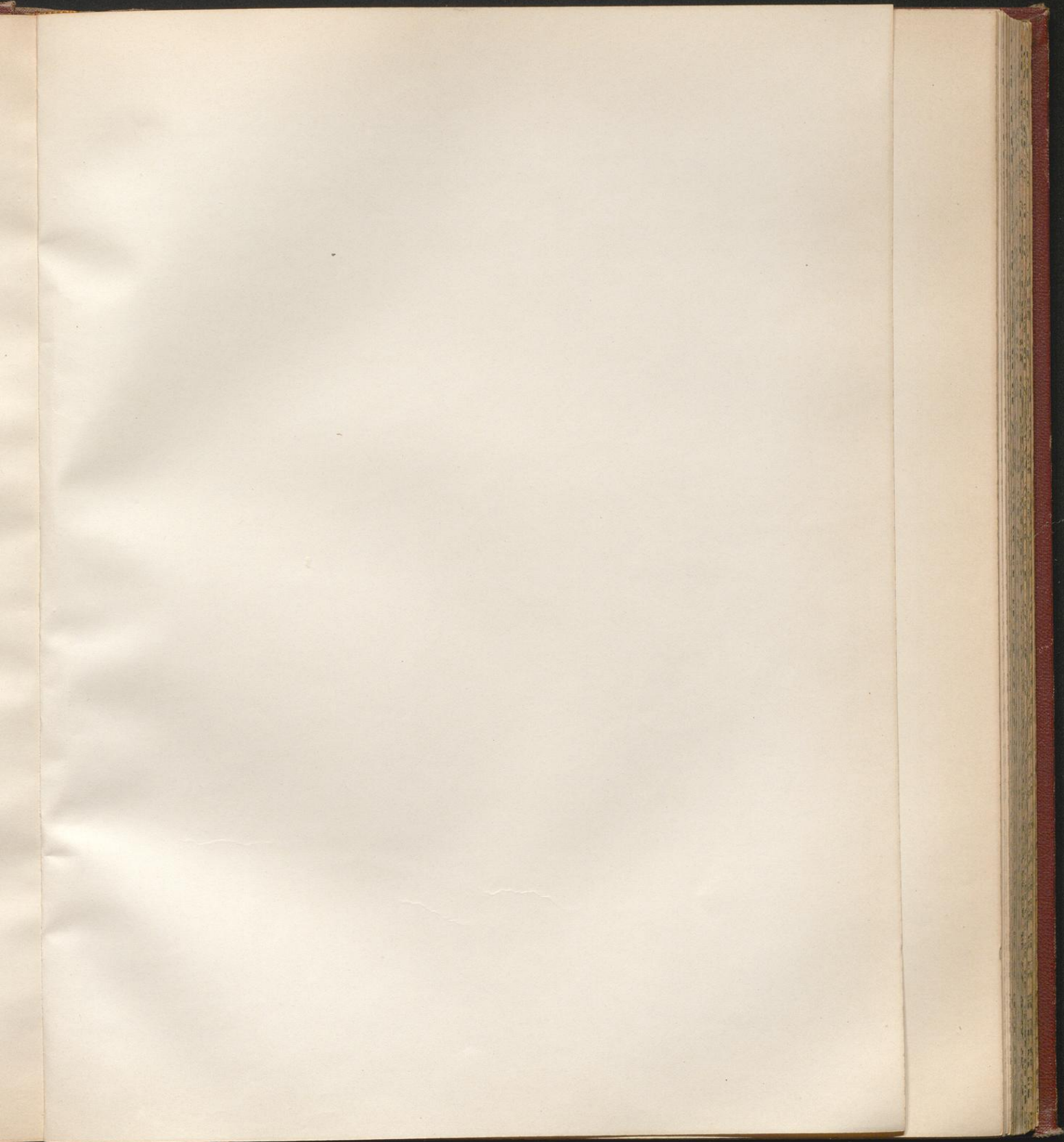


Heymann & Eisen (6. Aufl.)

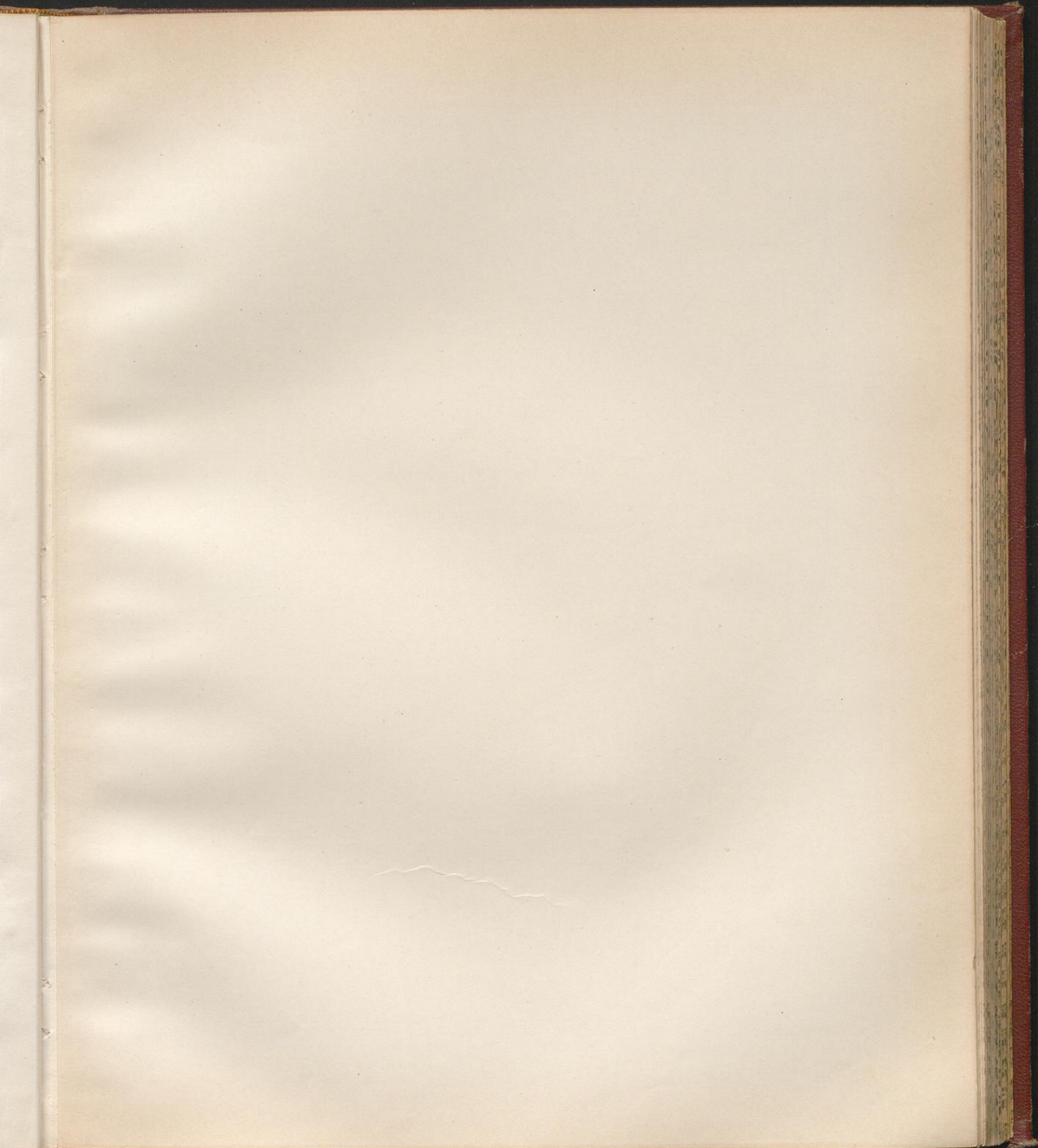
entw. C. Beckelberg u. P. Roswald.

J.M. Gebhardt's Verlag, Leipzig.









Gelenke der Bogenträger.

Fig. 1-4. Maschinenhalle von der Pariser Ausstellung 1889.

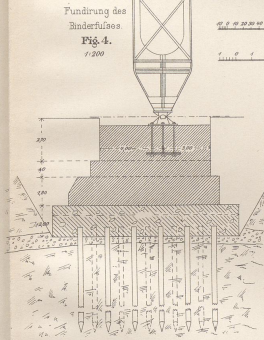
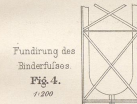
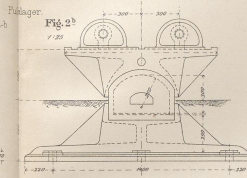
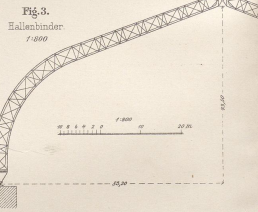
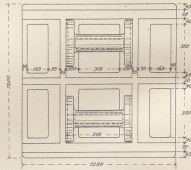
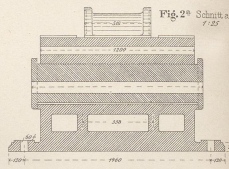
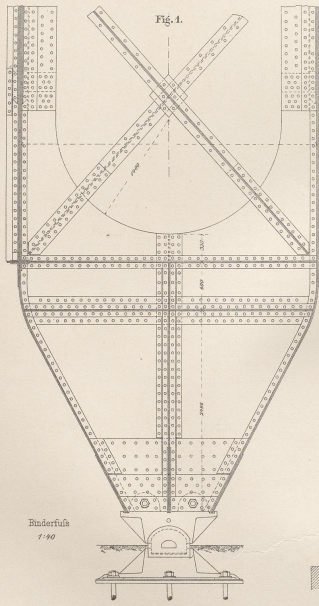
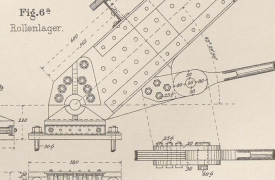
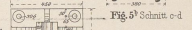
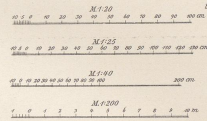
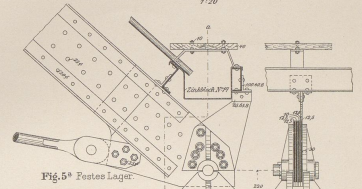


Fig. 5 u. 6. Fußlager der Bahnhofshalle in Hannover.

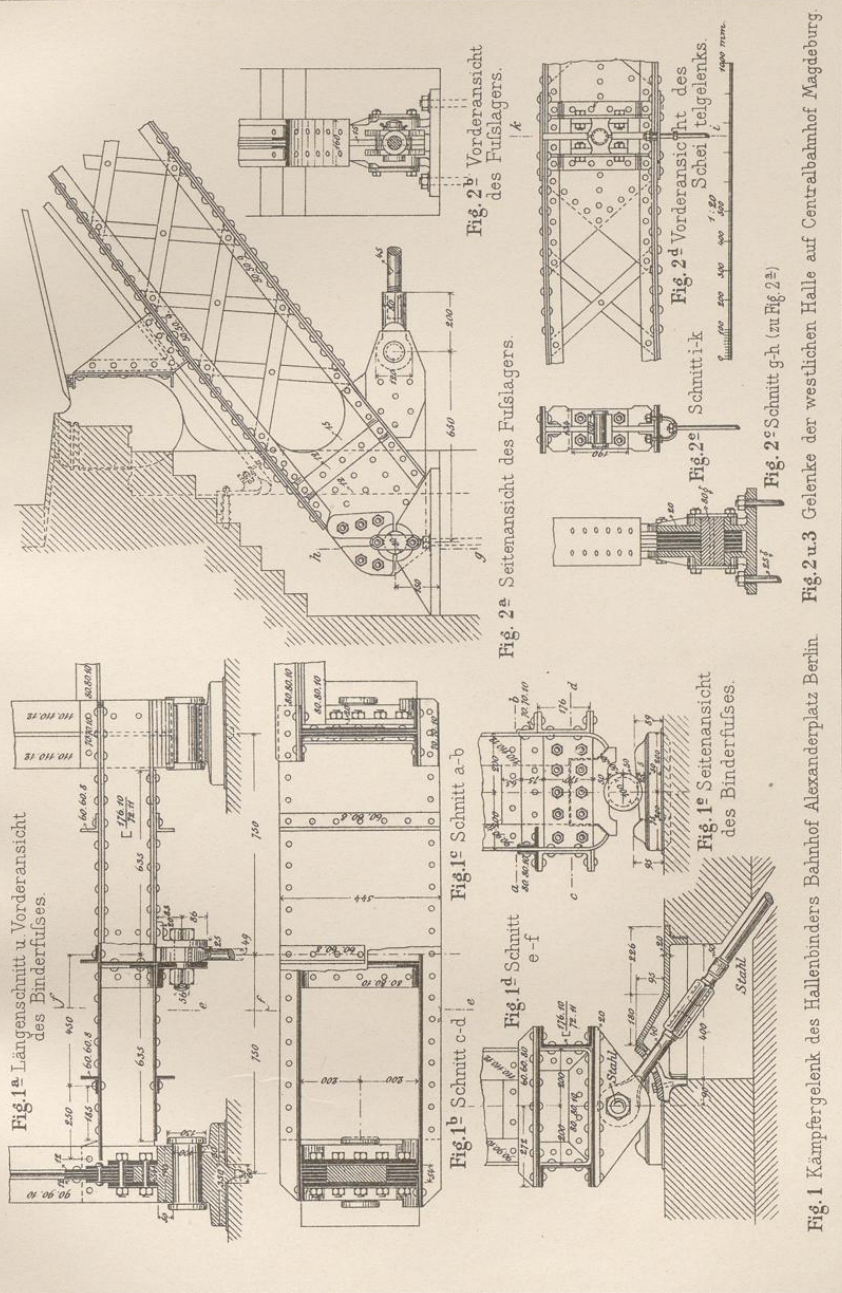






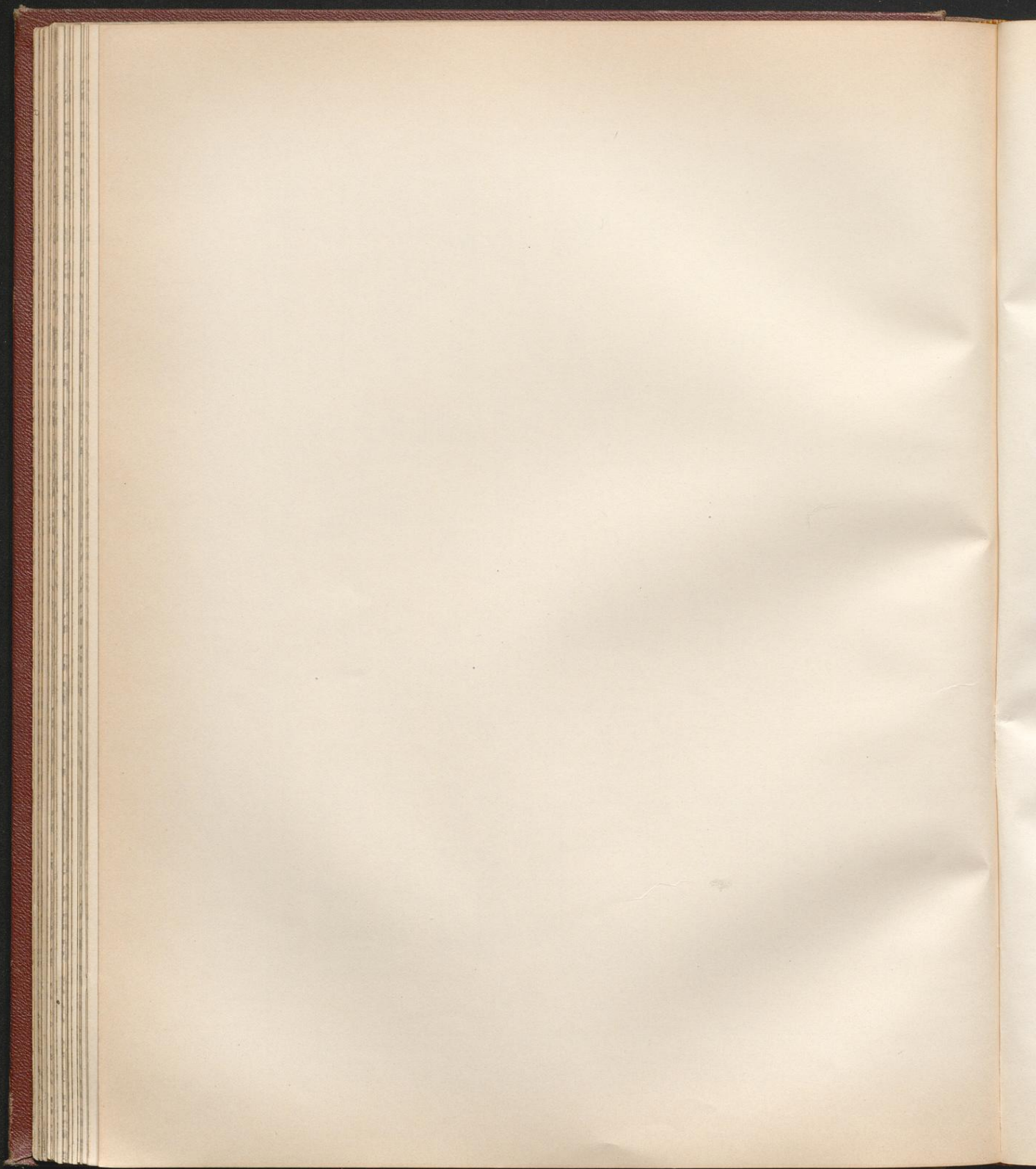


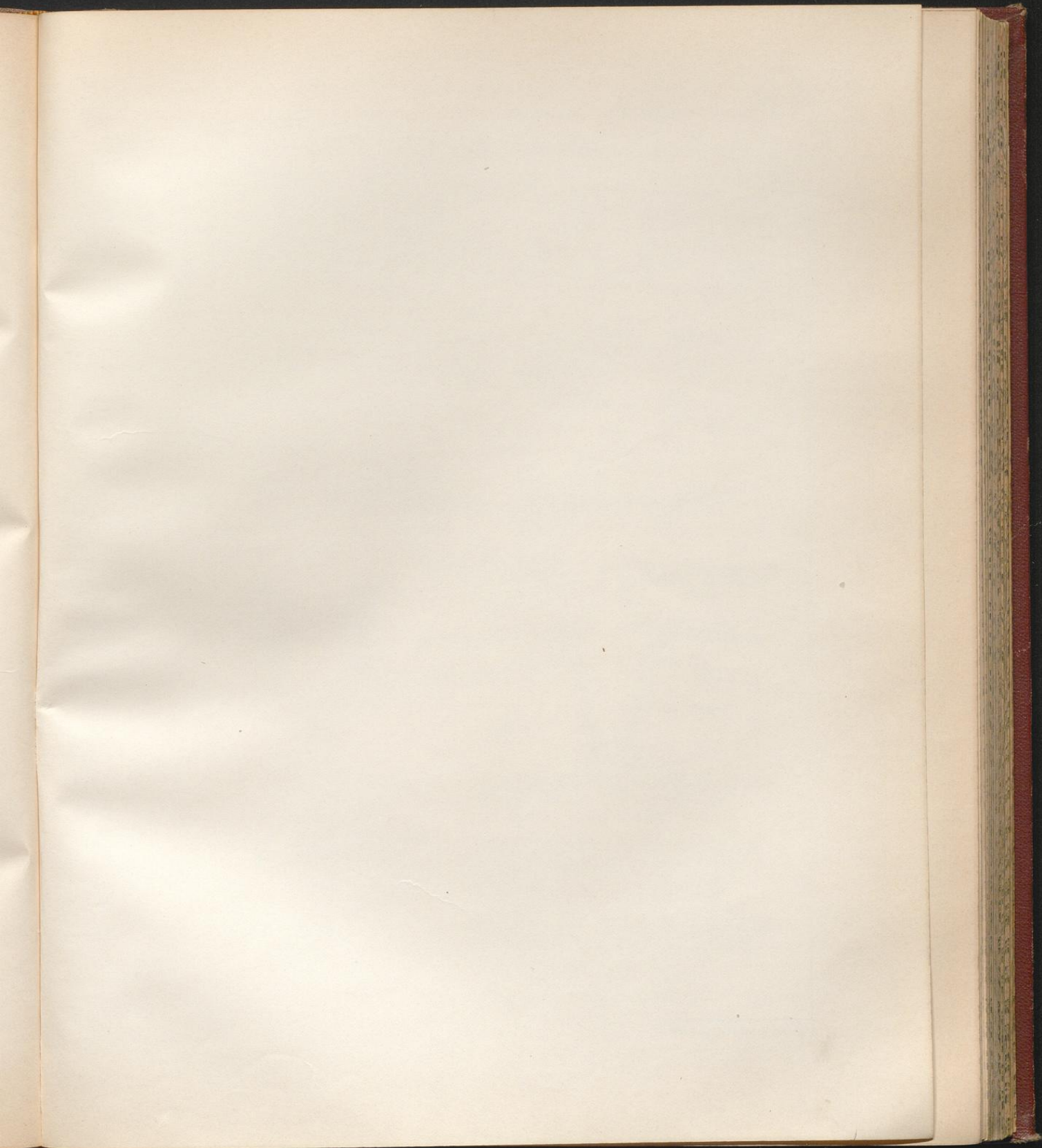
Gelenke der Bogenträger.



Breymann III Eisen (6. Aufl.)

J.M. Gebhardt's Verlag, Leipzig.







Gelenke der Bogenträger.

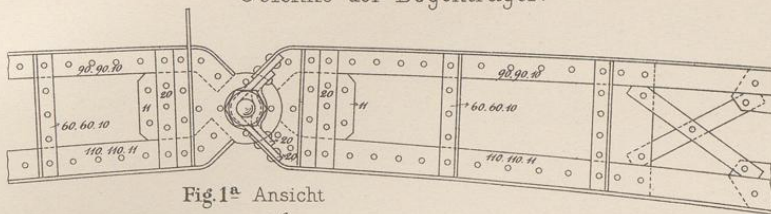


Fig. 1<sup>a</sup> Ansicht

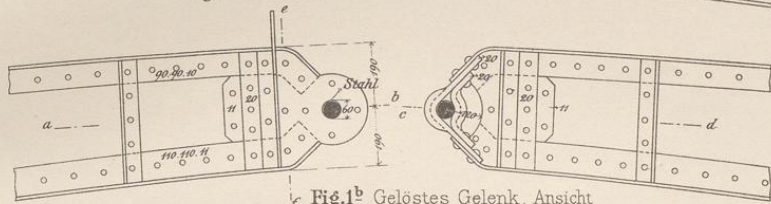


Fig. 1<sup>b</sup> Gelöstes Gelenk, Ansicht

Fig. 1 Scheitelgelenk der Halle auf Bahnhof Alexanderplatz Berlin.



Fig. 1<sup>c</sup> Schnitt a-b

Fig. 1<sup>d</sup> Schnitt c-d

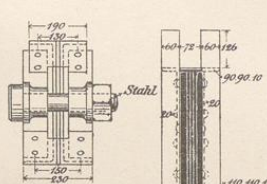


Fig. 1<sup>e</sup> Vorderansicht (zu Fig. 1<sup>b</sup>)

Fig. 1<sup>f</sup> Schnitt e-f (zu Fig. 1<sup>b</sup>)



Fig. 2<sup>c</sup> Schnitt g-h

Fig. 2 Scheitelgelenk der Halle des Ostbahnhofs Berlin

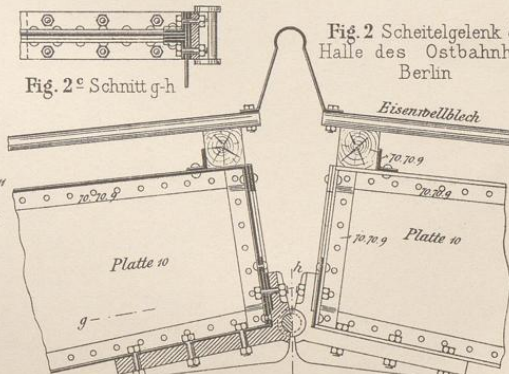


Fig. 2<sup>a</sup> Schnitt

Fig. 2<sup>b</sup> Ansicht

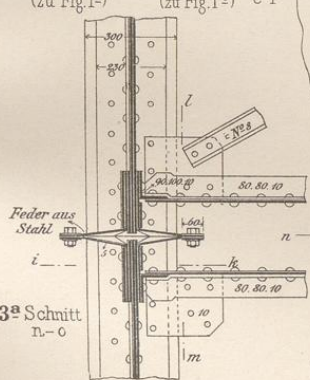


Fig. 3<sup>a</sup> Schnitt n-o

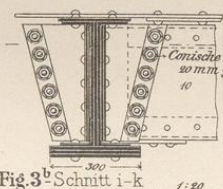


Fig. 3<sup>b</sup> Schnitt i-k

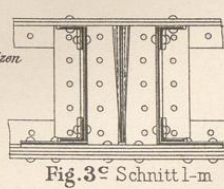


Fig. 3<sup>c</sup> Schnitt l-m

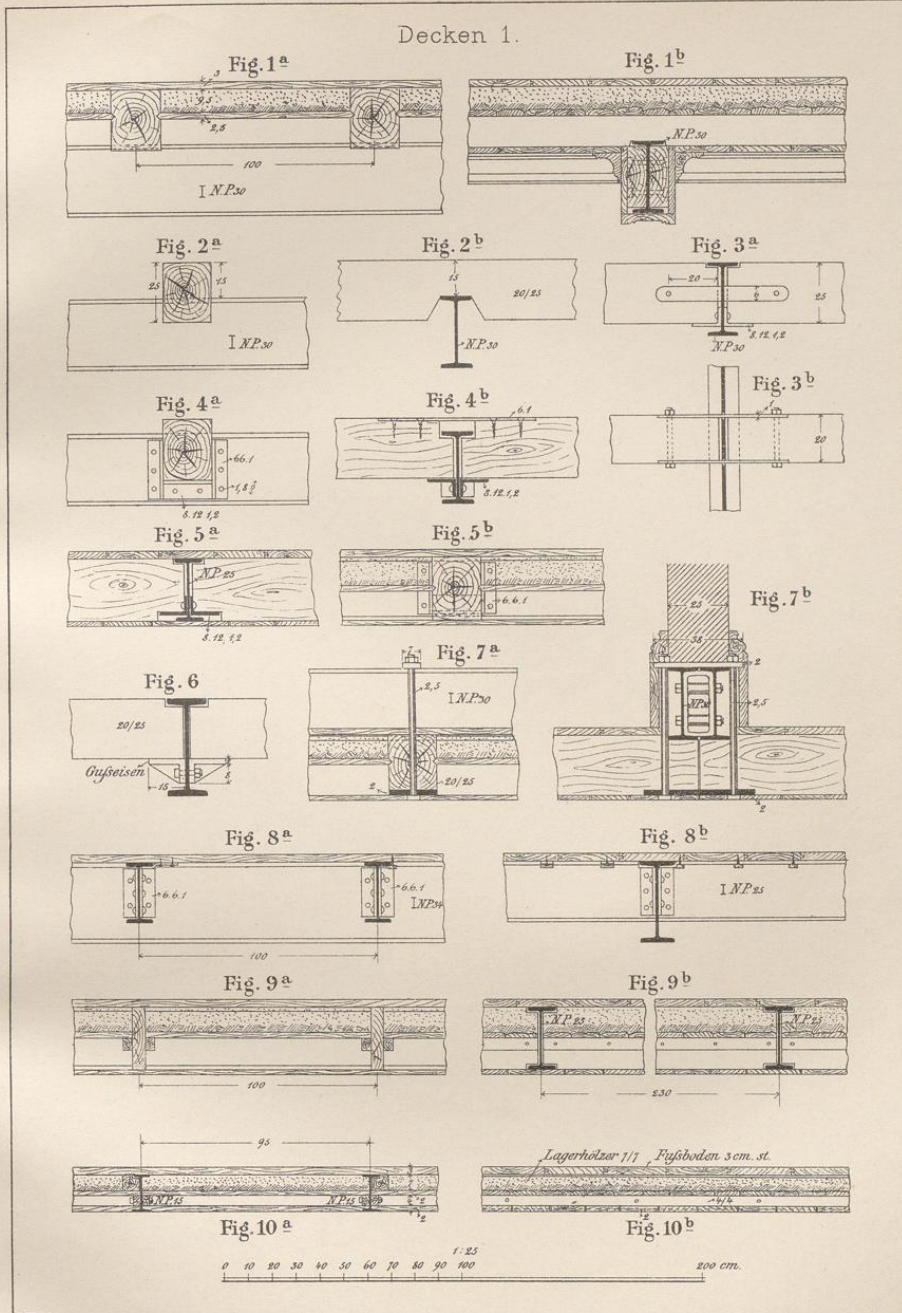
Fig. 3 Scheitelgelenk an Bogenbrücken der Berliner Stadtbahn.







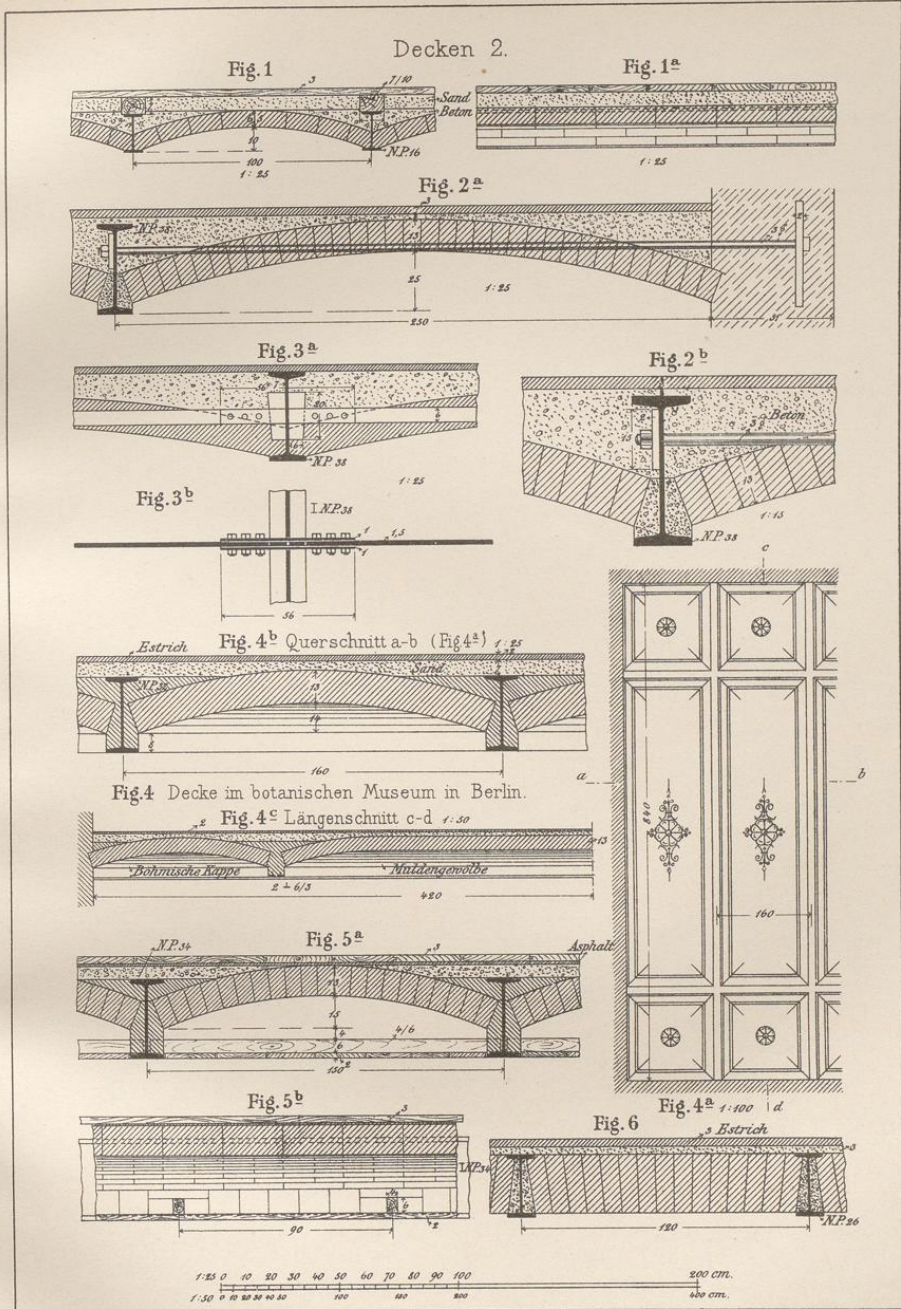
Decken 1.







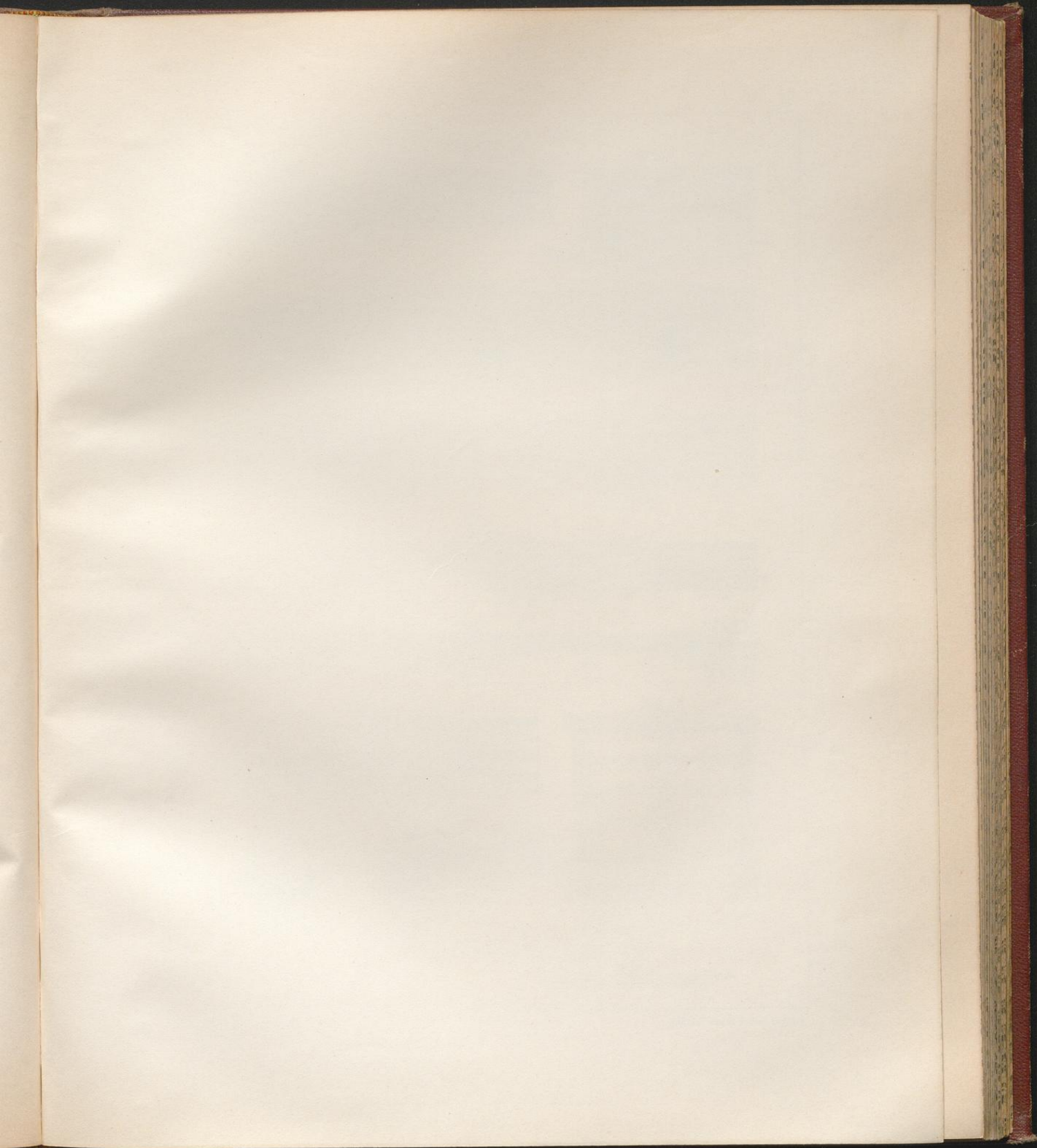




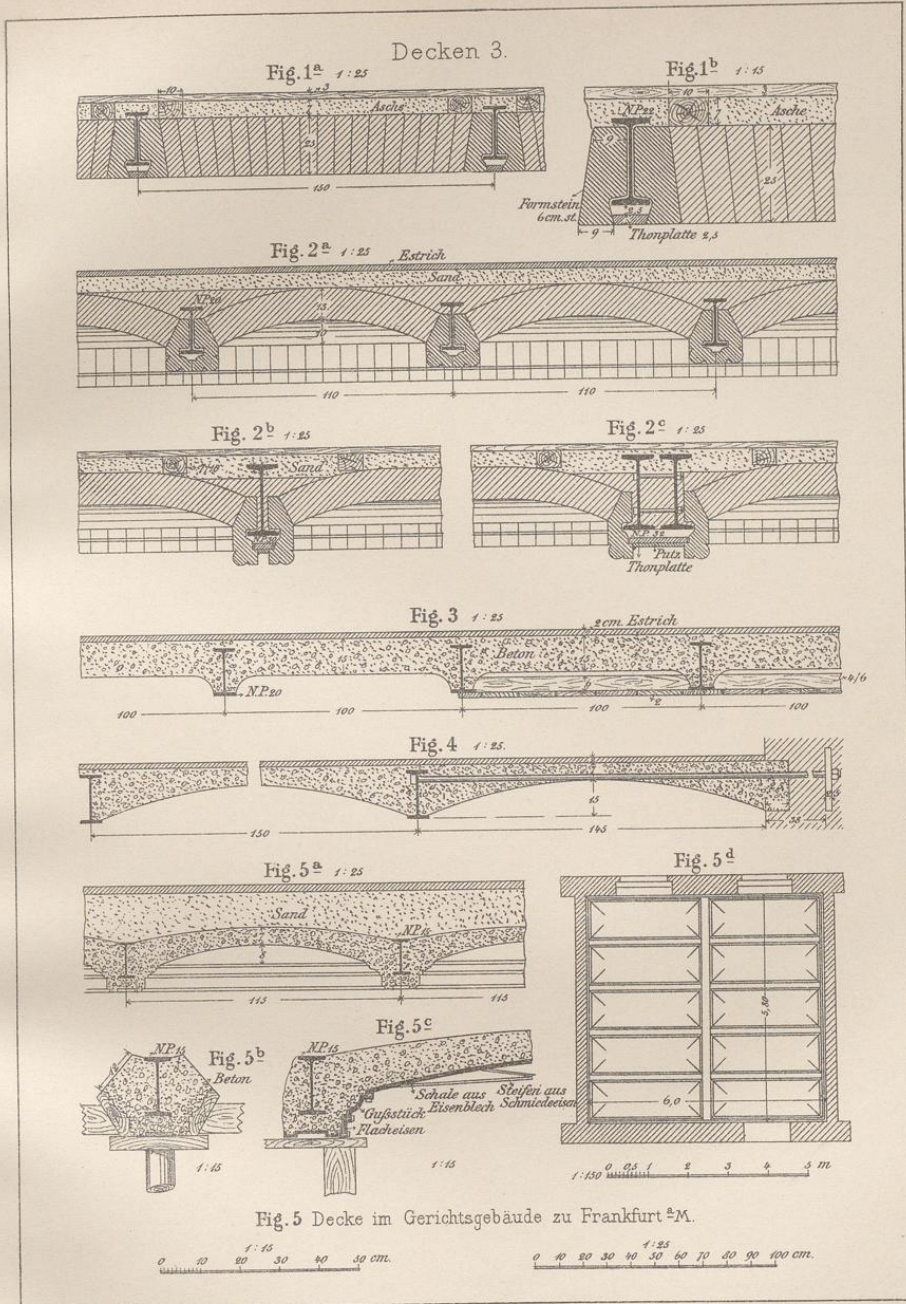
Breyman III Eisen (6. Aufl)

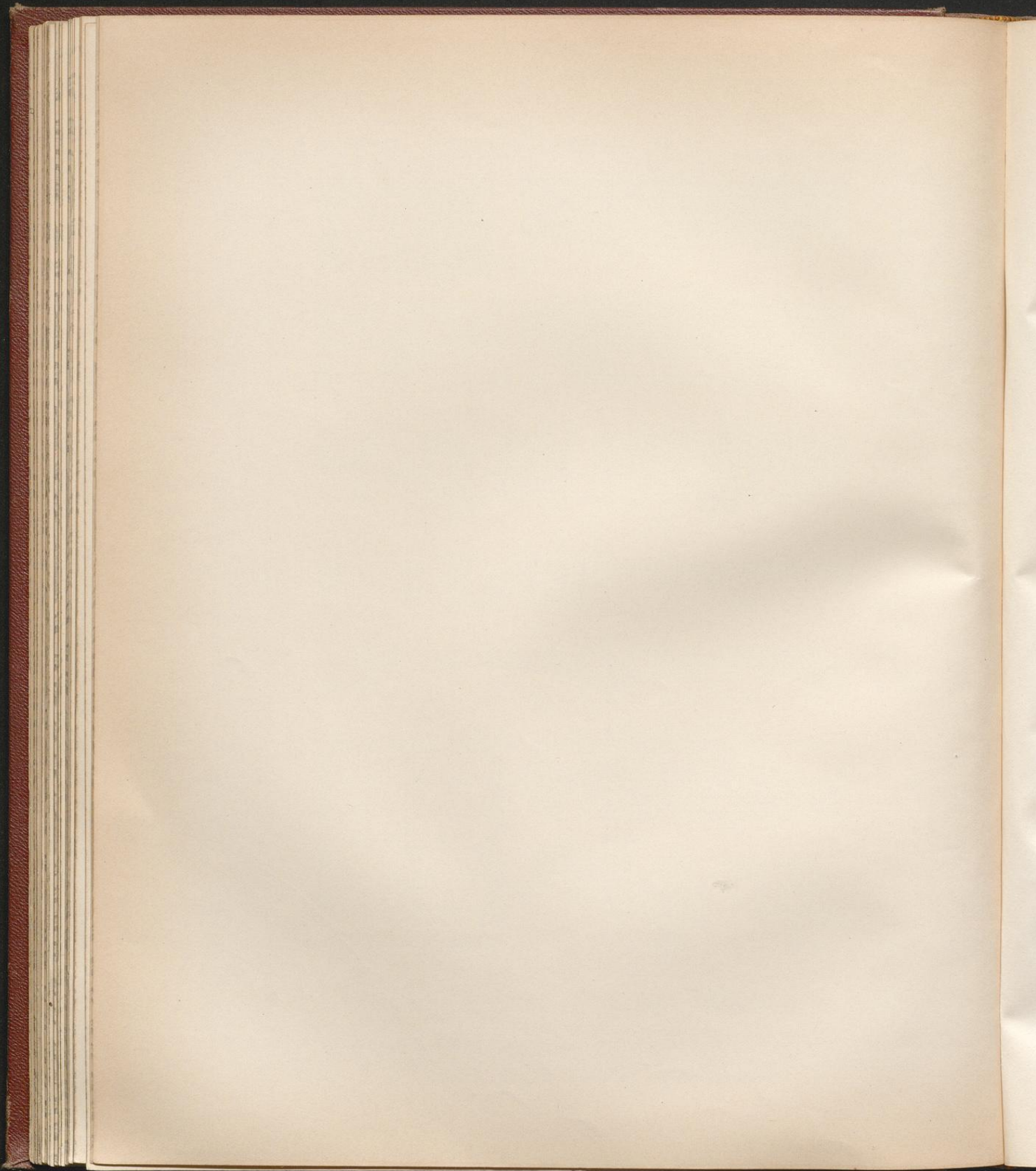
J.M. Gebhardt's Verlag, Leipzig.

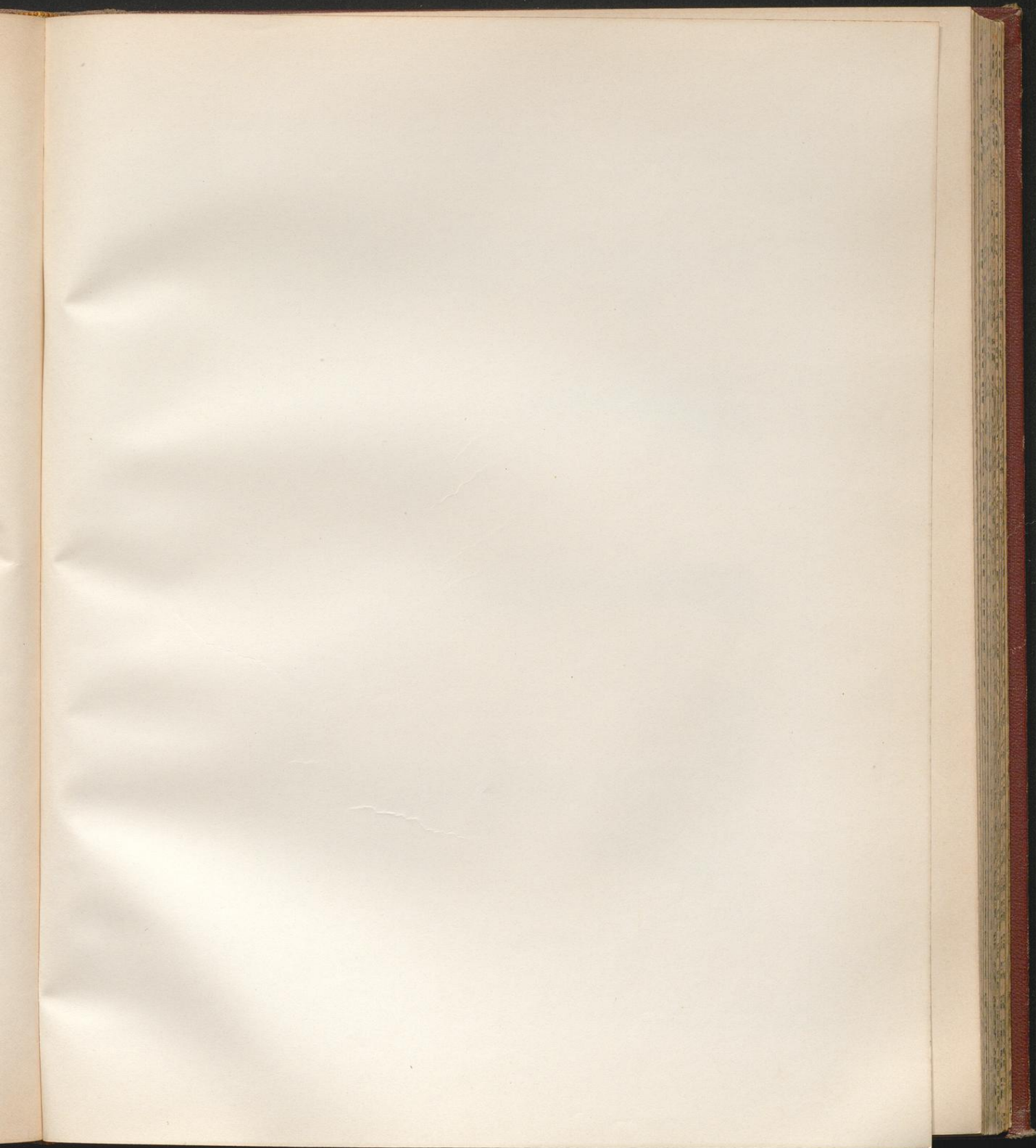














Decken.

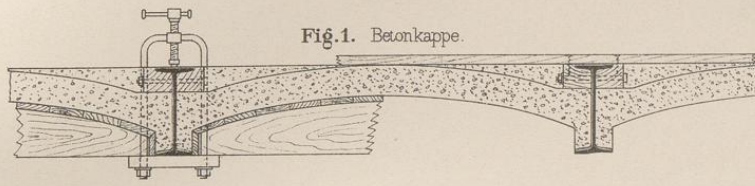


Fig. 1. Betonkappe.

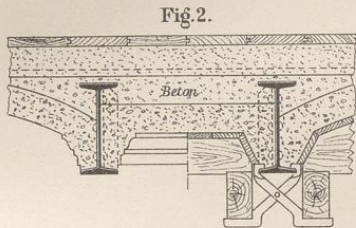


Fig. 2.

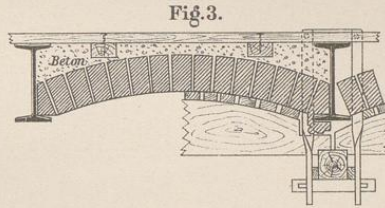


Fig. 3.

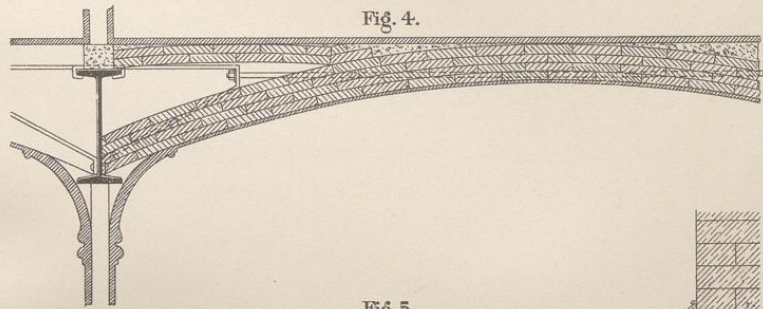


Fig. 4.

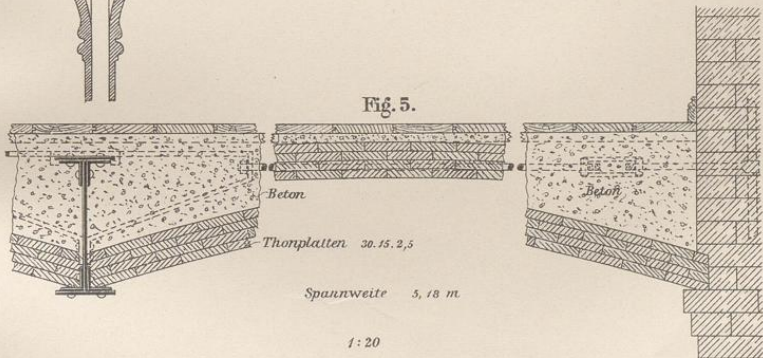


Fig. 5.

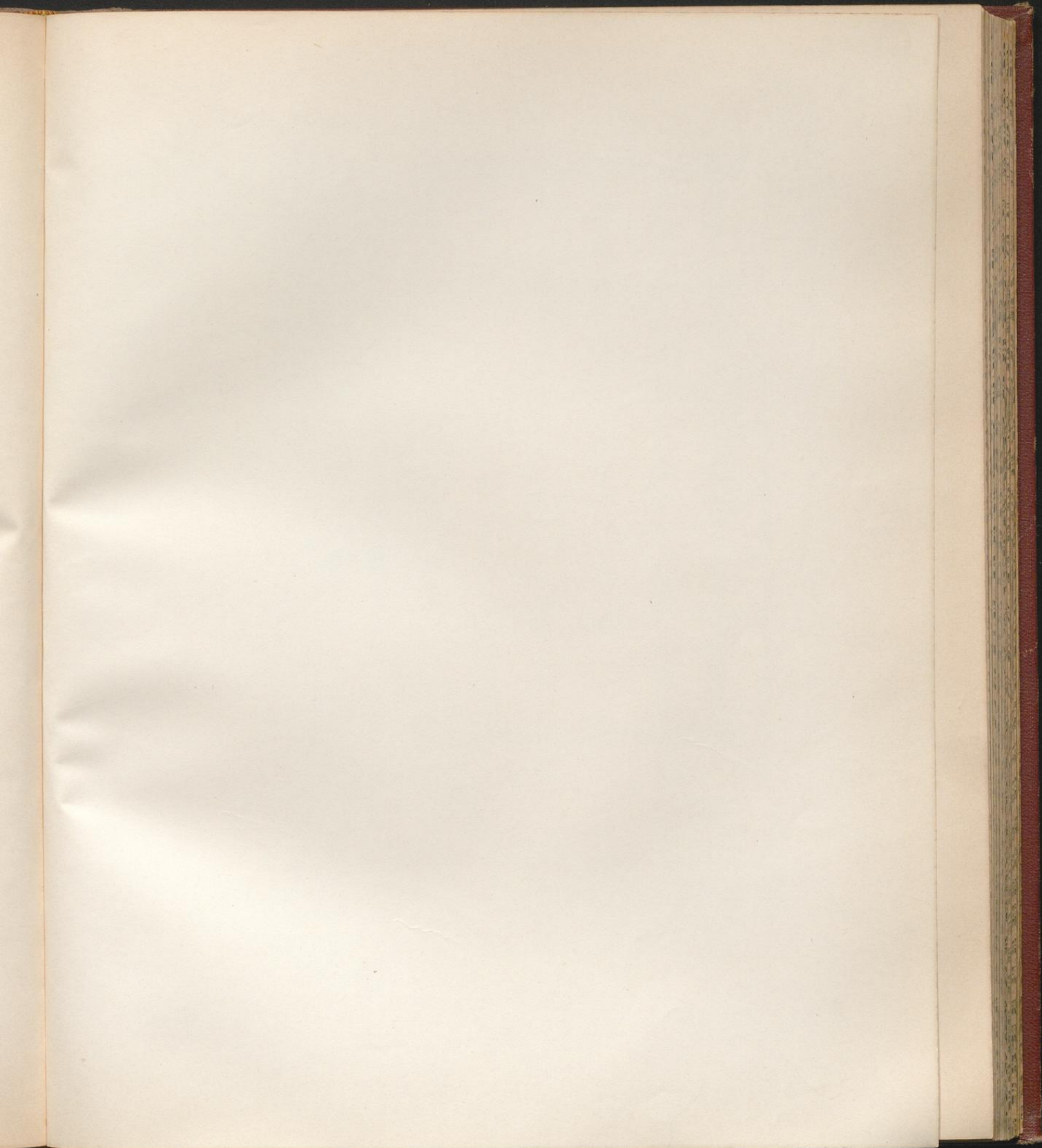
Thorplatten 30.15.2.5

Spannweite 5,18 m

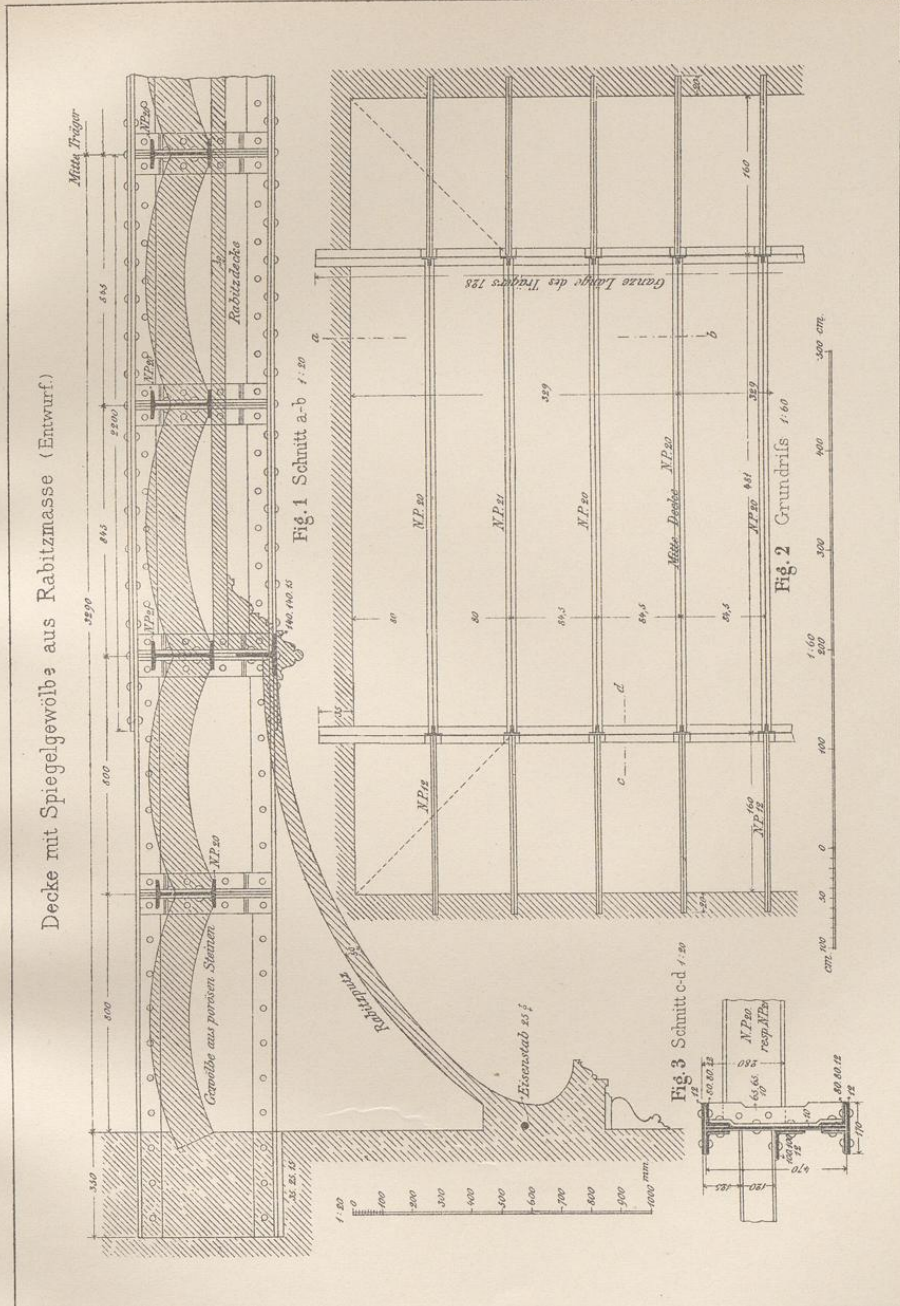
1:20

10 5 0 10 20 30 40 50 60 70 80 90 100 110 120 130 cm





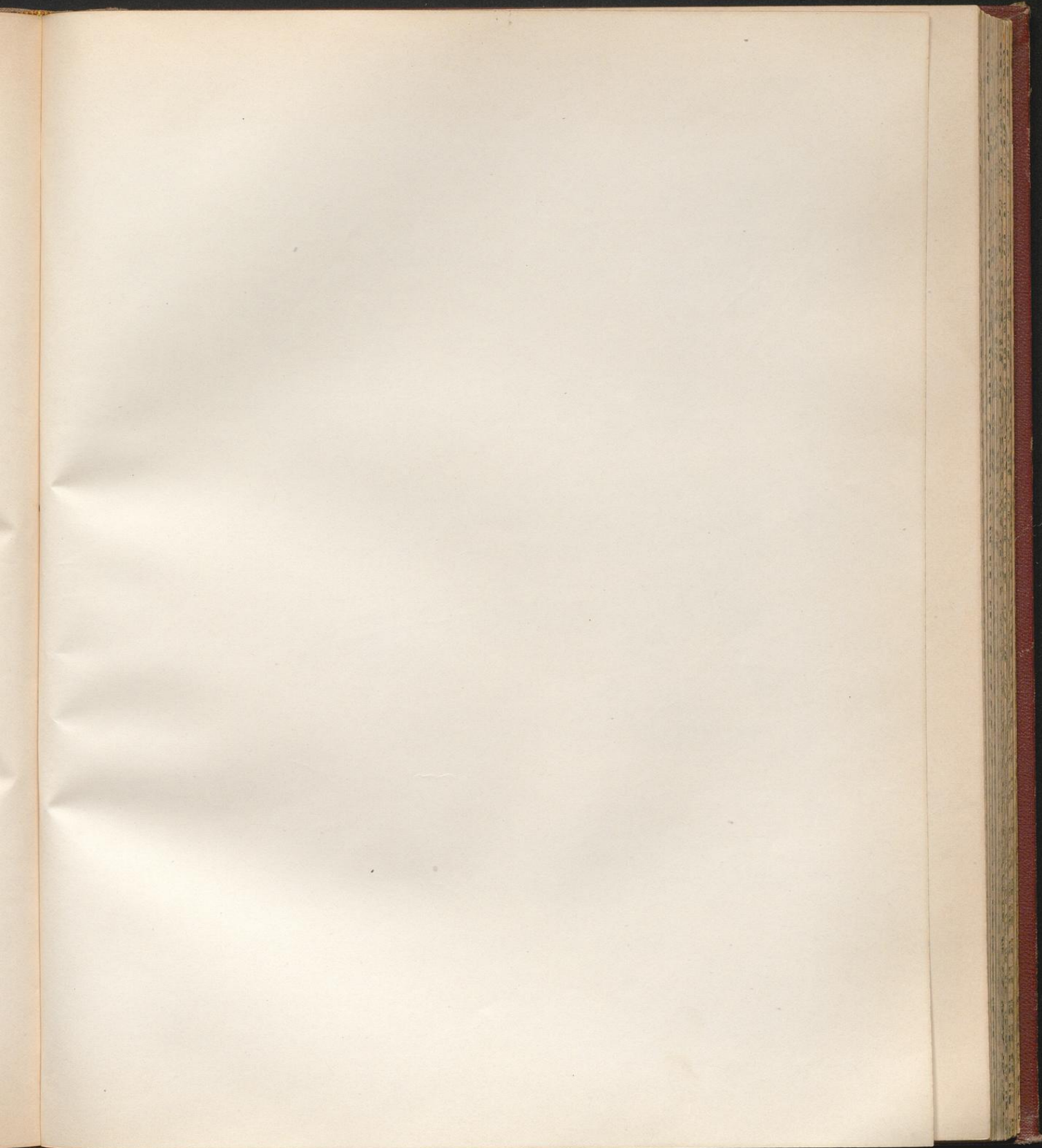


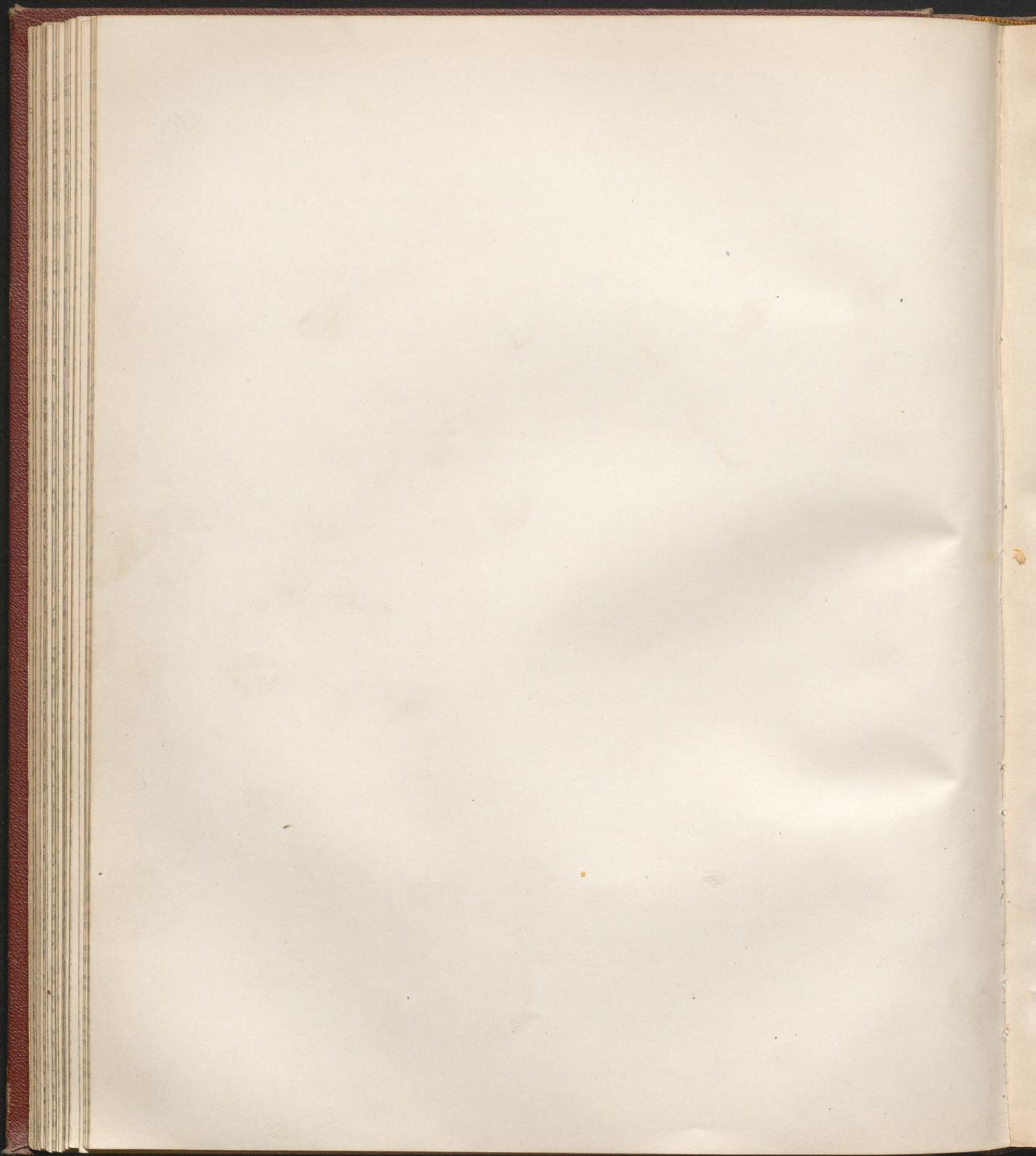


Breymann III Eisen (6. Aufl)

J.M. Gebhardt's Verlag, Leipzig.







Kleine'sche Decke.

Fig. 1 Aufsicht von oben

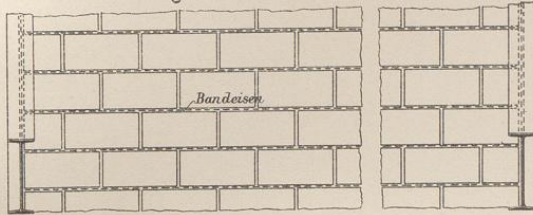


Fig. 2a Querschnitt.

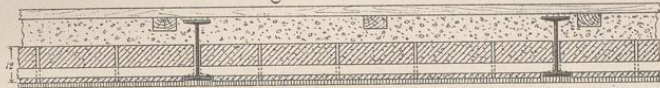


Fig. 3a Längsschnitt.



Fig. 3b Längsschnitt.



Fig. 4a

Querschnitt bei hochliegender Platte und hochkantigen Steinen.

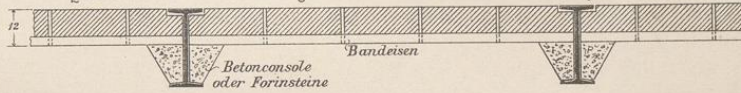


Fig. 4b

Querschnitt bei hochliegender Platte und flachen Steinen.

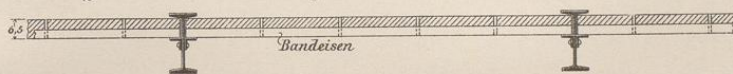
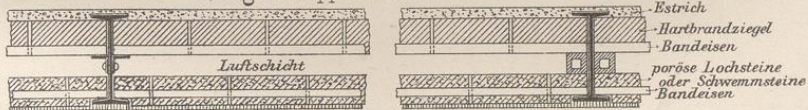
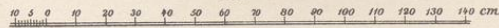


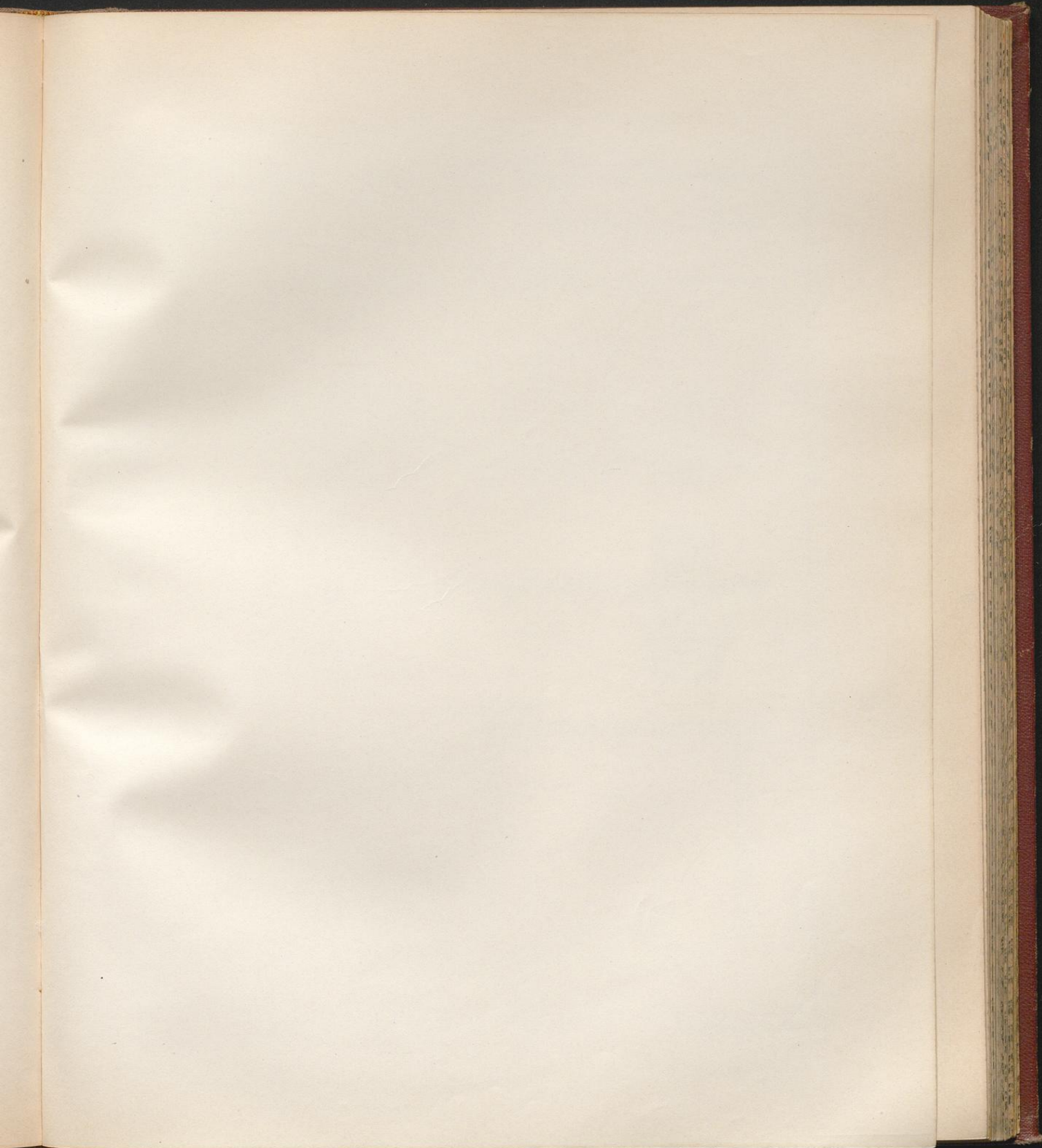
Fig. 5 Doppeldecke.

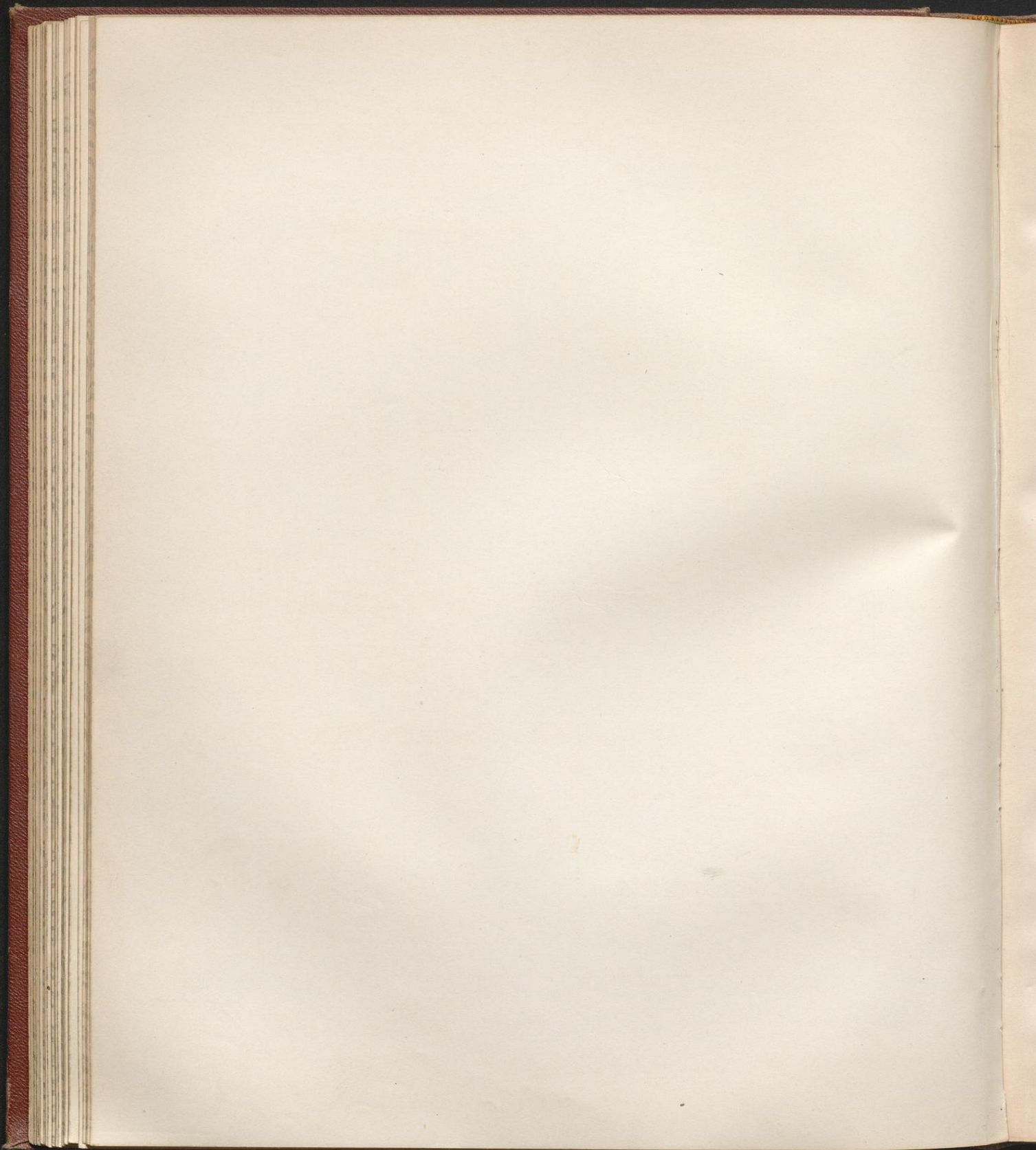


1:20

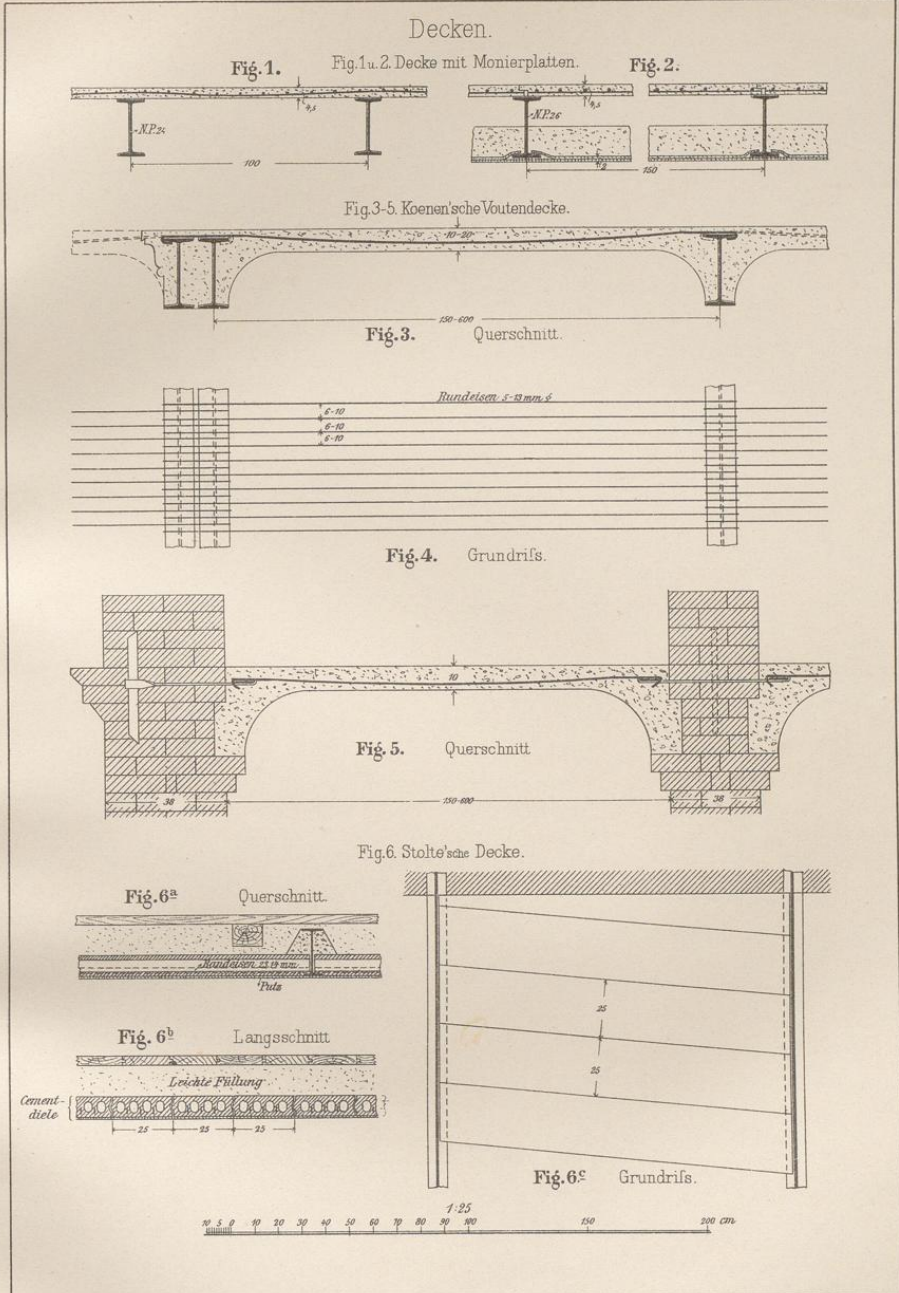




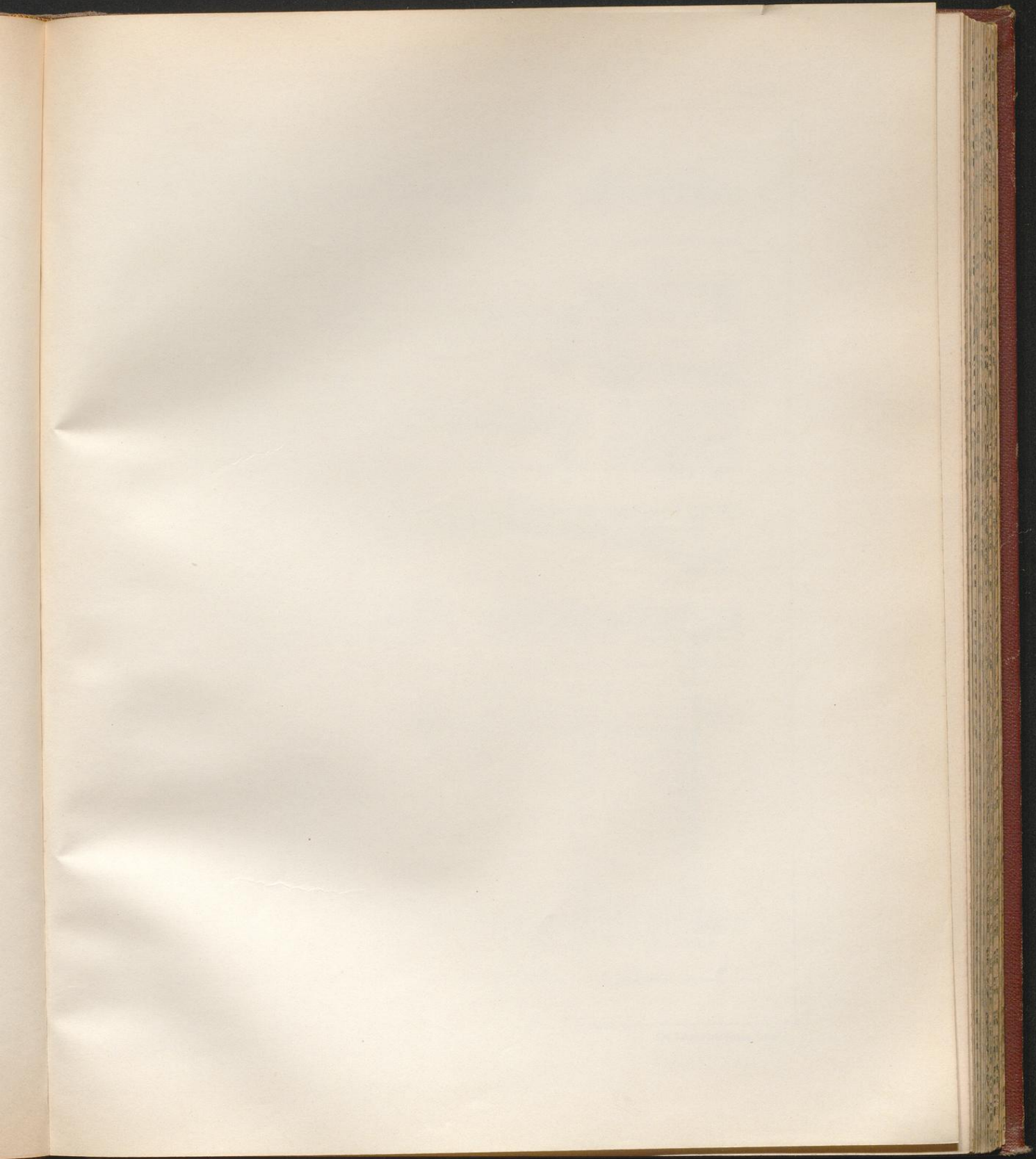




Decken.

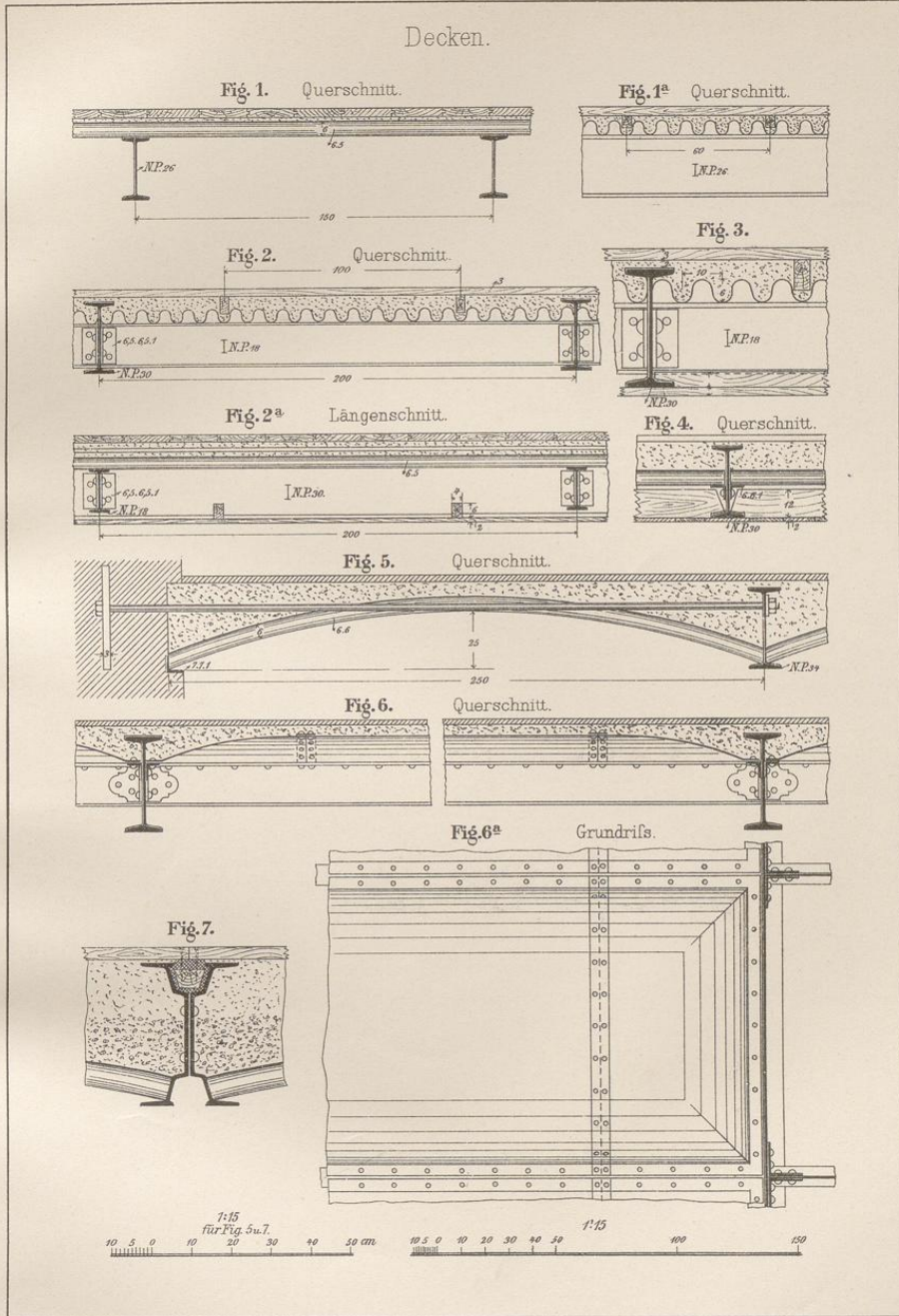








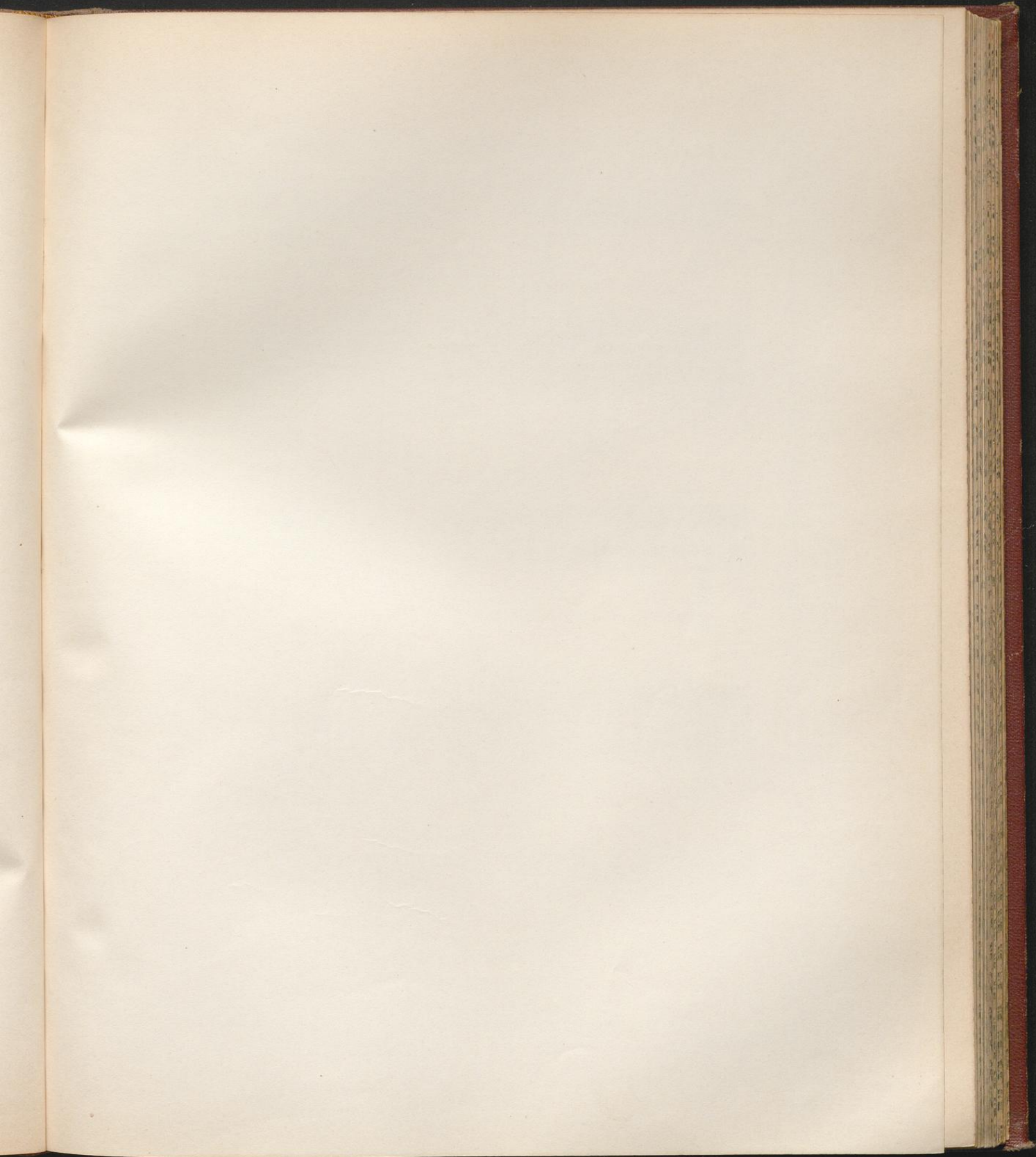
Decken.



Breymann III. Eisen. (6. Aufl.)

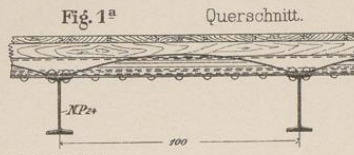
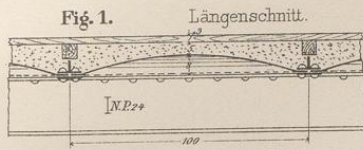
J.M. Gebhardt's Verlag, Leipzig.



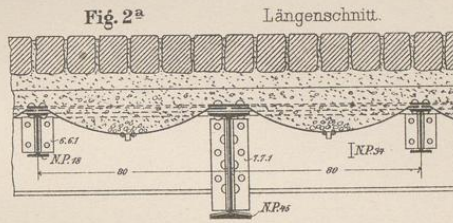
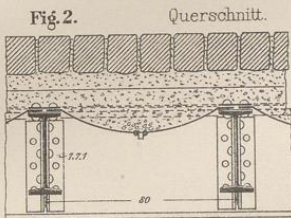




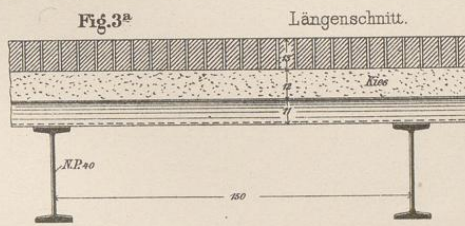
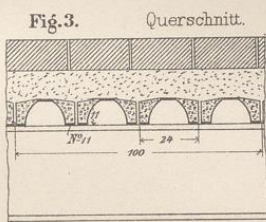
Decken.



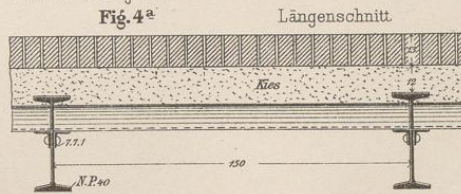
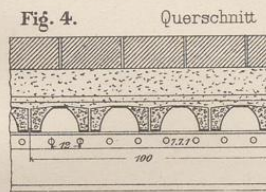
Decke mit stehenden Buckelplatten.



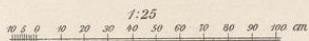
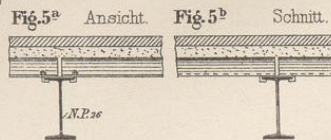
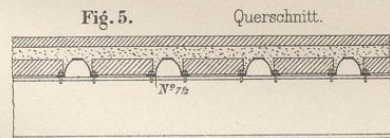
Decke mit hängenden Buckelplatten.

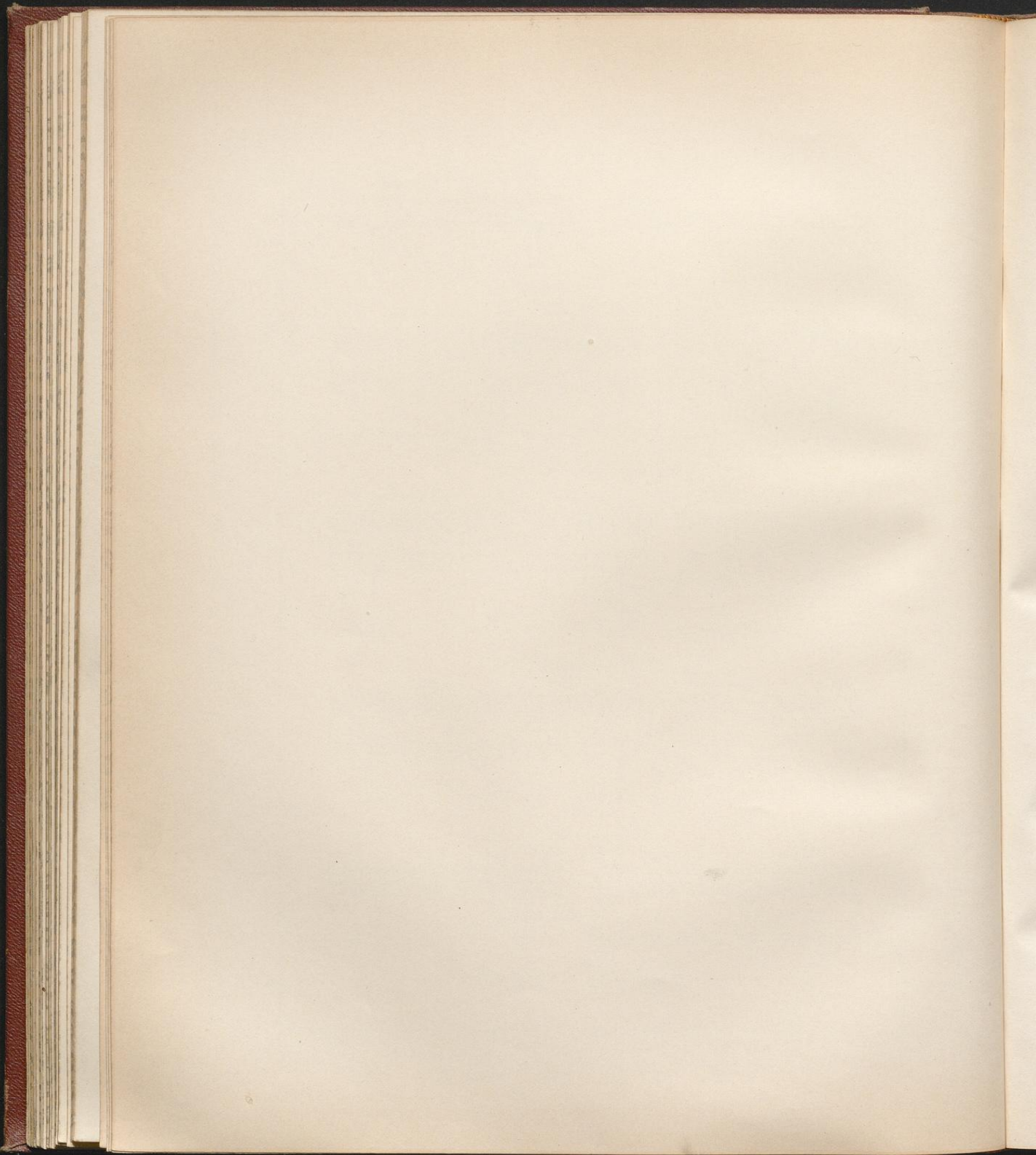


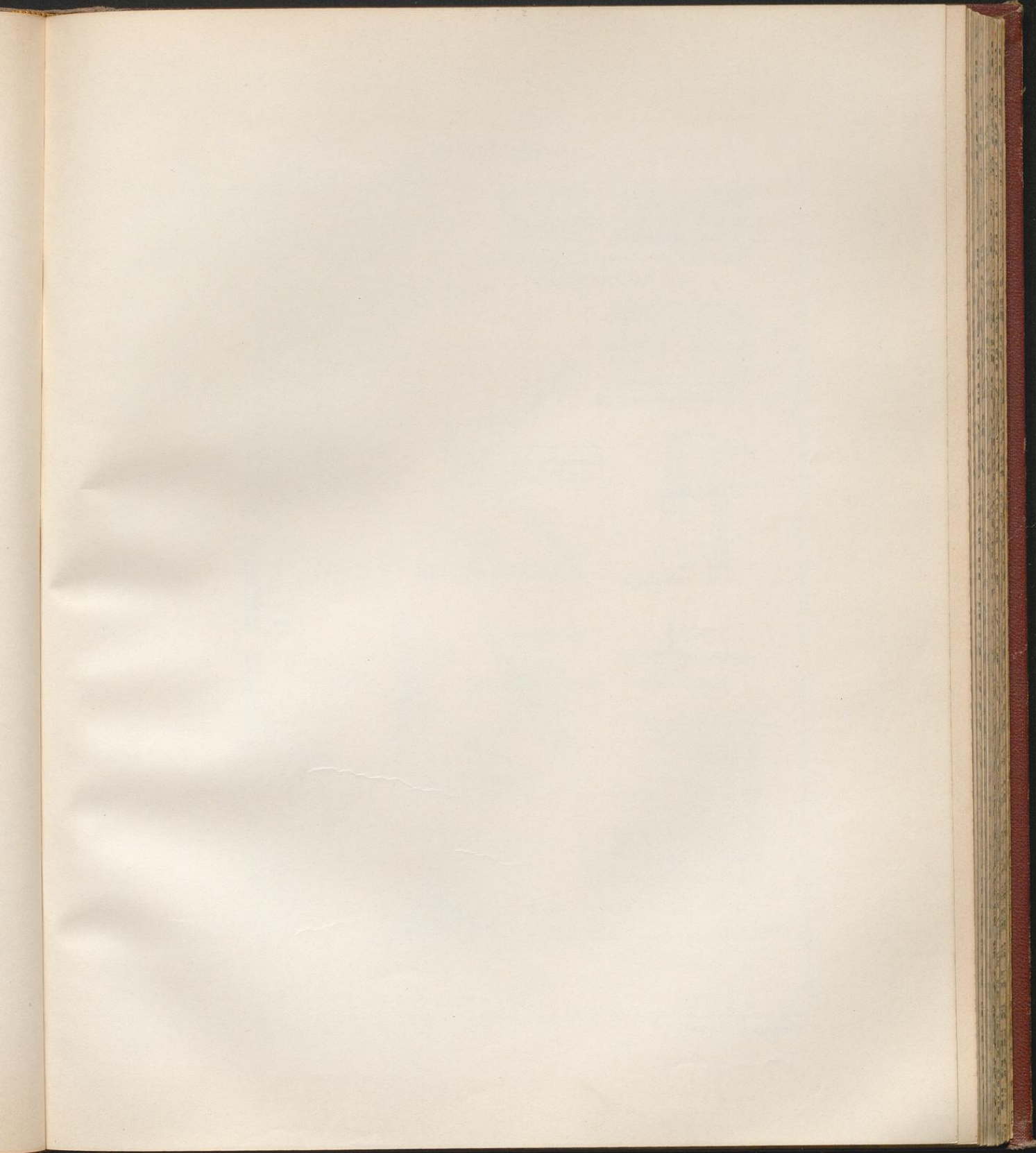
Decke mit Belageisen.



Decke mit Belageisen.









Eiserne Fachwände.

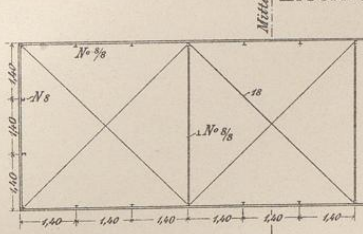


Fig. 1 Grundriss 1:150

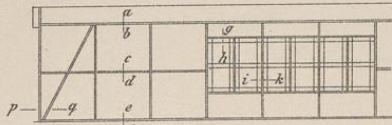


Fig. 2 Längenschnitt 1:150

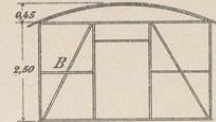


Fig. 3 Giebelansicht 1:150

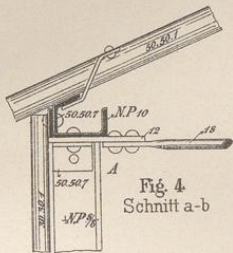


Fig. 4 Schnitt a-b

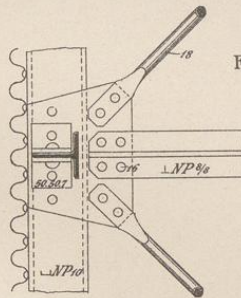


Fig. 5 Knotenpunkt A von Unten

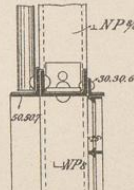


Fig. 10 Schnitt g-h



Fig. 6 Schnitt c-d

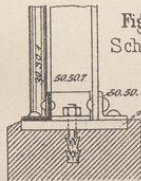
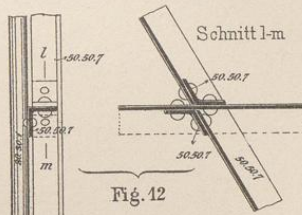


Fig. 7 Schnitt e-f



Knotenpunkt der Strebe bei B (Fig. 3)



Fig. 11 Schnitt i-k

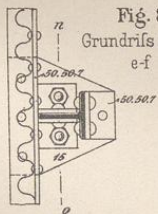


Fig. 8 Grundriss zu Schnitt e-f

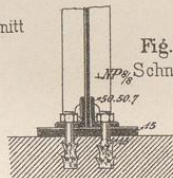


Fig. 9 Schnitt n-o

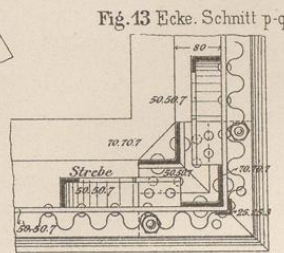
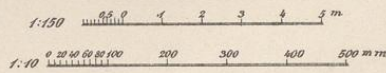
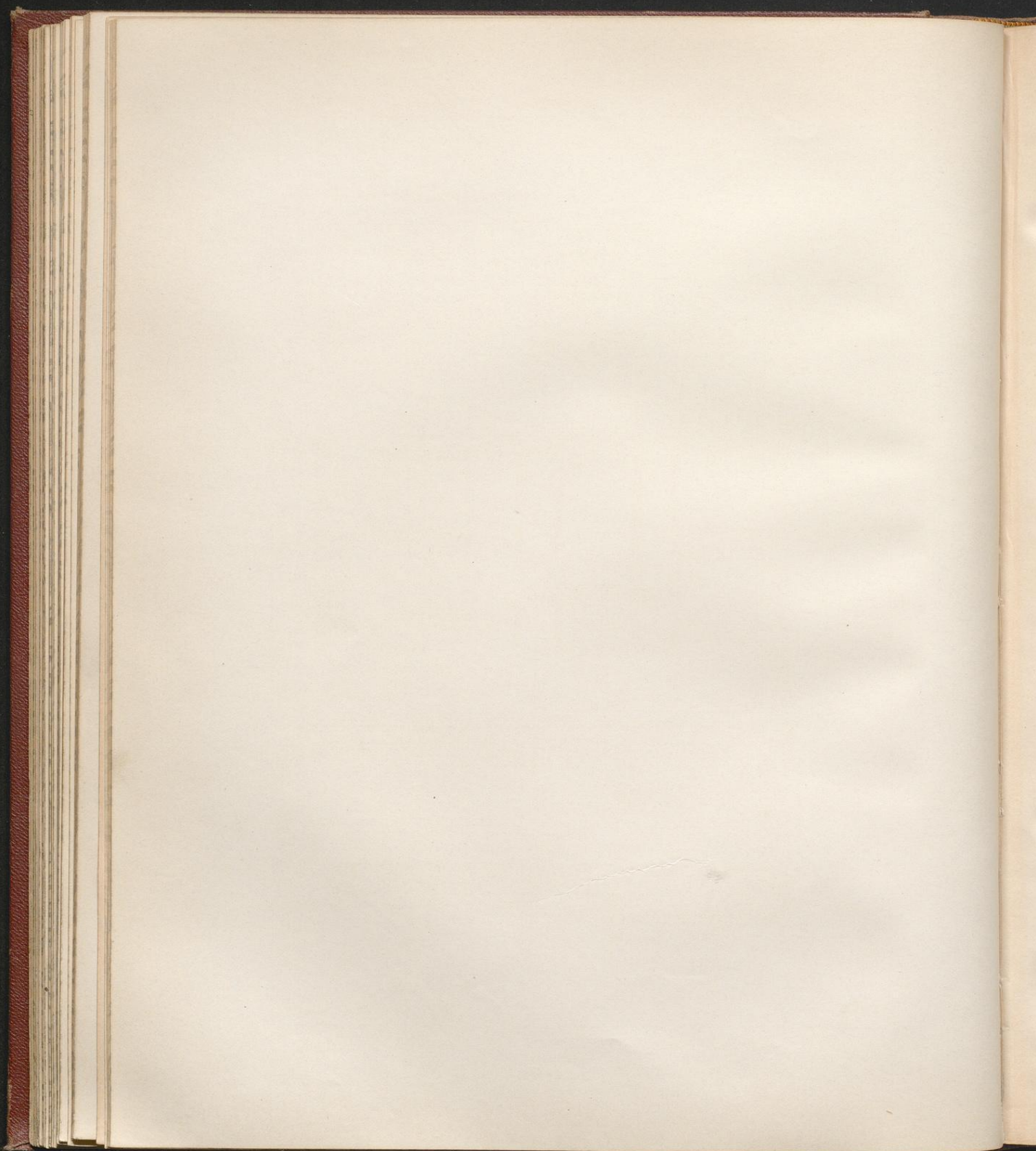


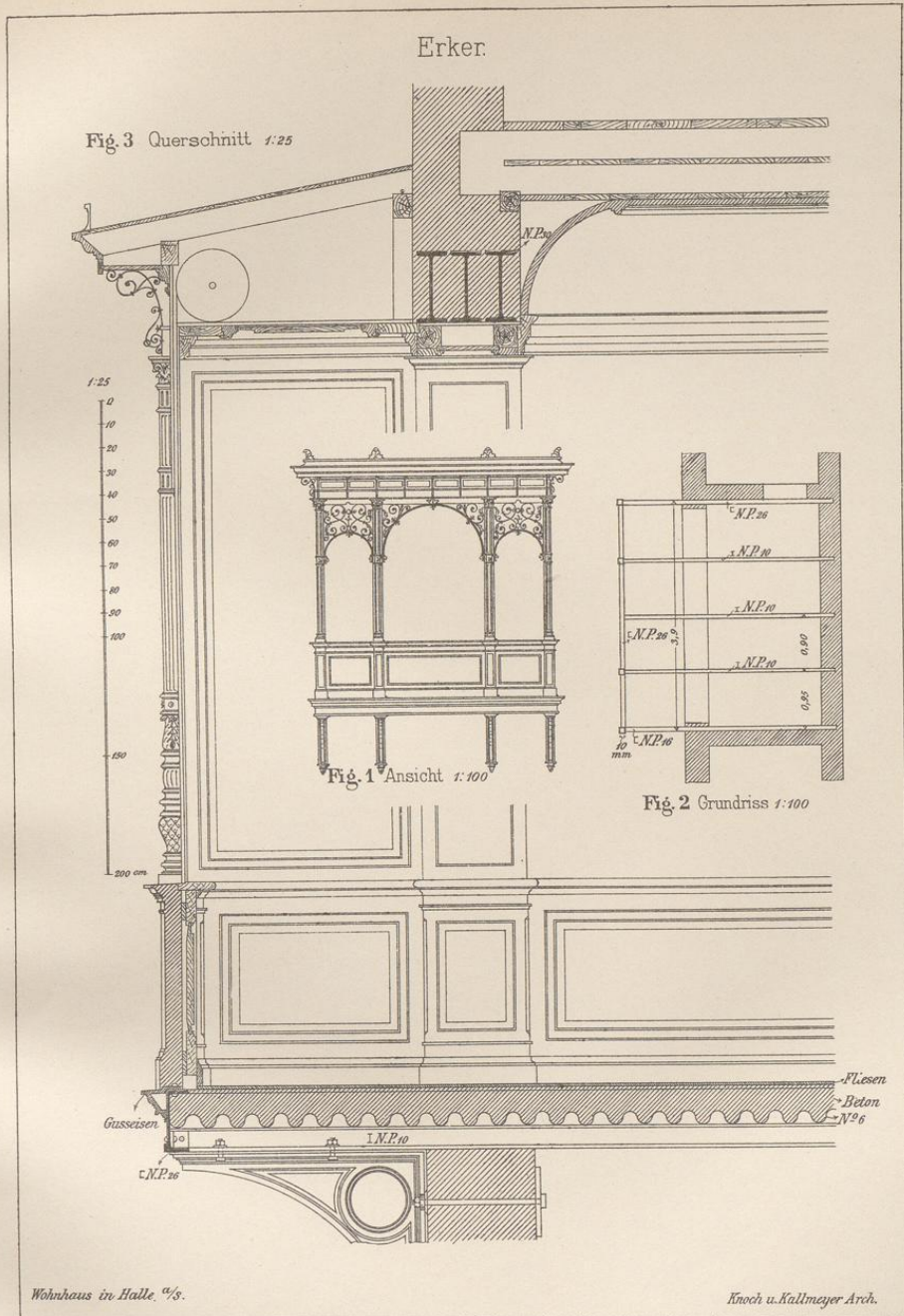
Fig. 13 Ecke. Schnitt p-q





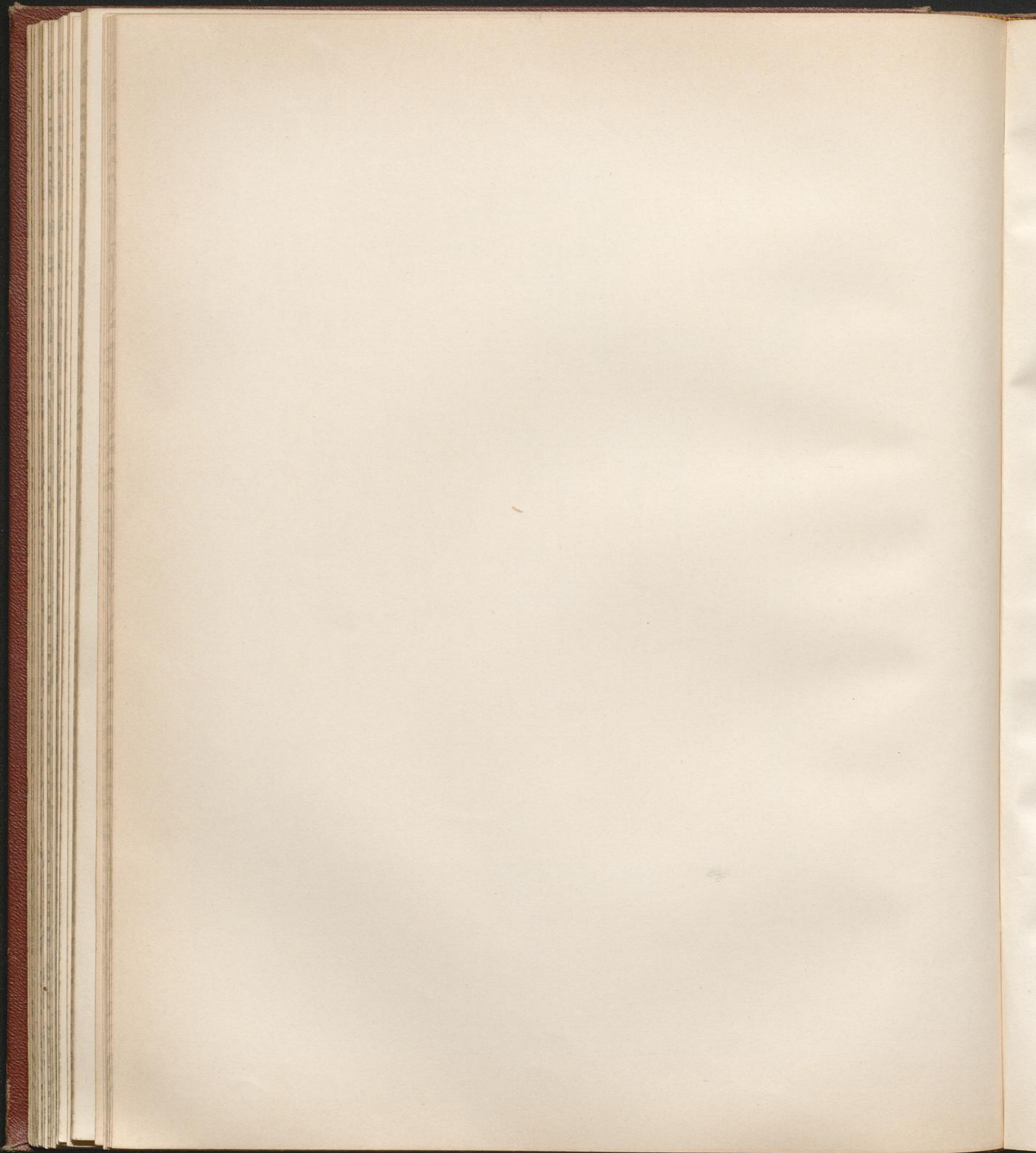


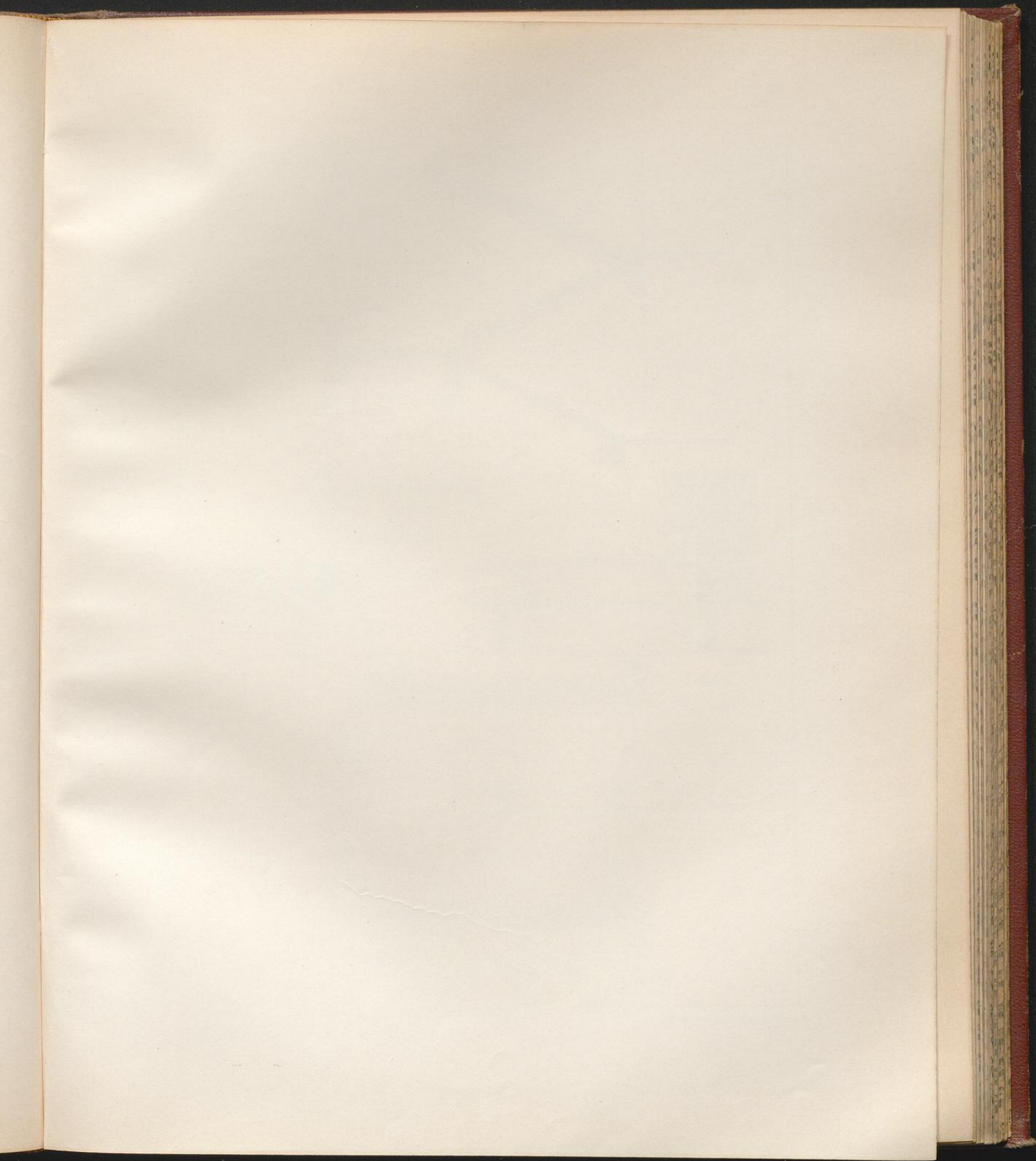




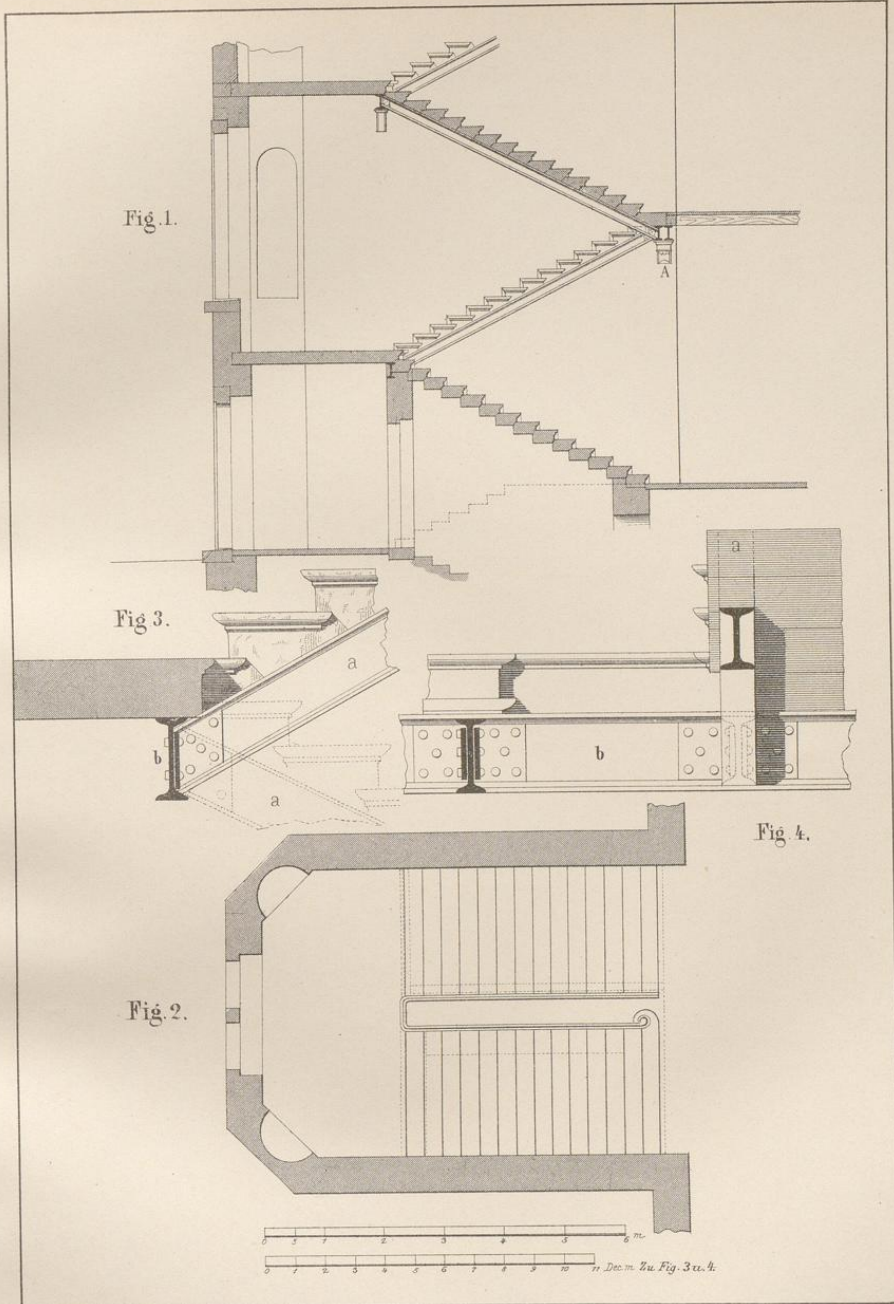
Breymann III Eisen. (6. Aufl.)

J.M. Gebhardt's Verlag, Leipzig.



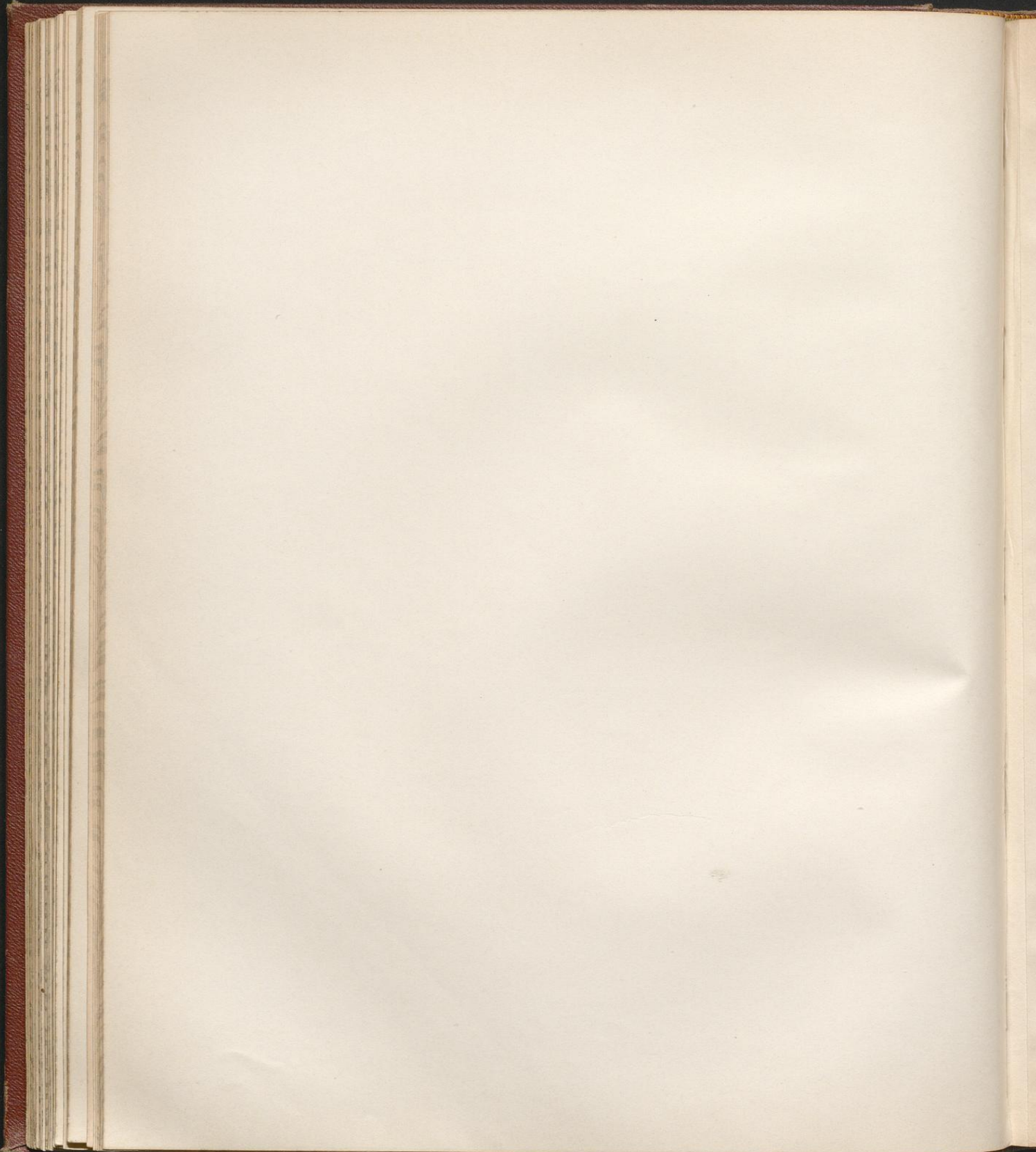


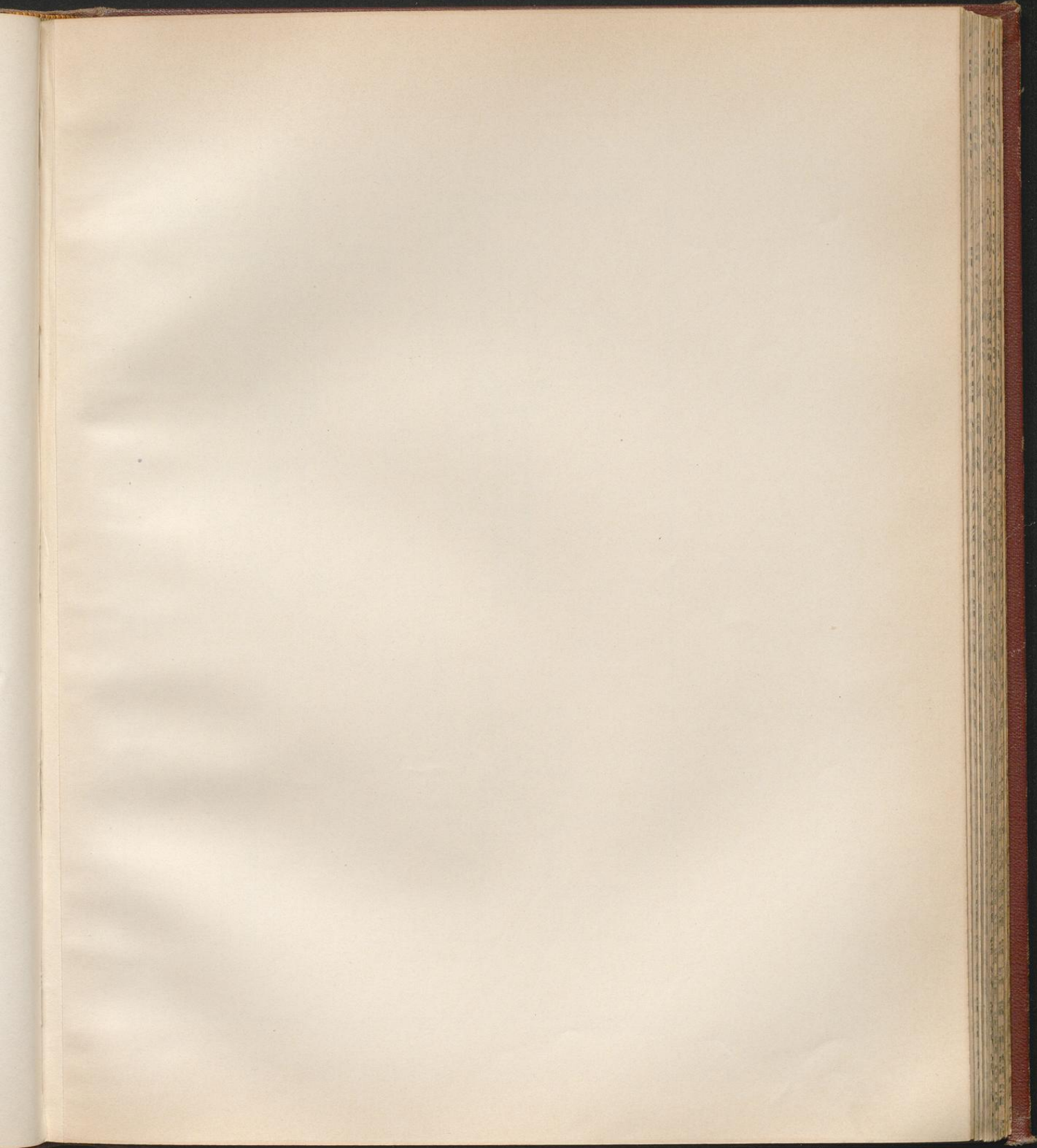












Treppe der Leibniz-Realschule in Hannover.

Fig. 2 Anschluss der Träger an Säule I

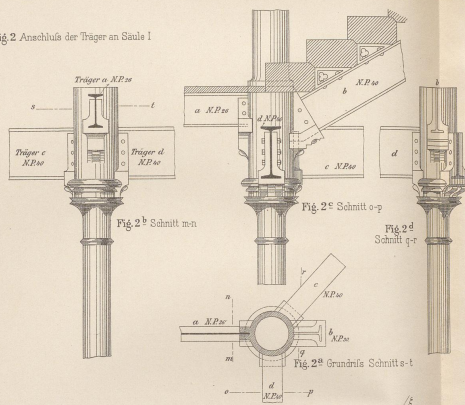


Fig. 3 Anschluss der Träger an Säule II

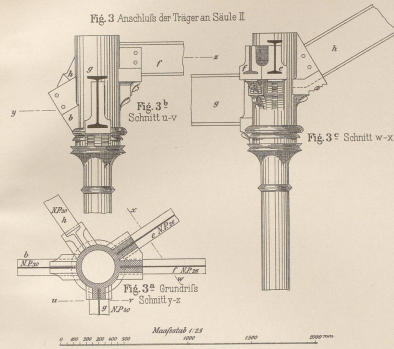


Fig. 4 Anschluss der Träger an Säule III

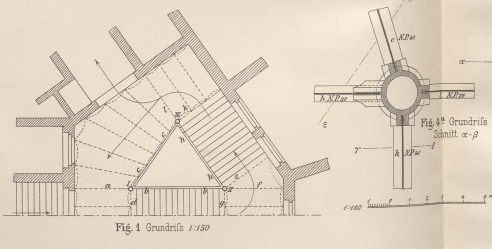
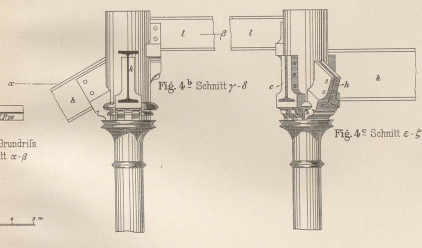
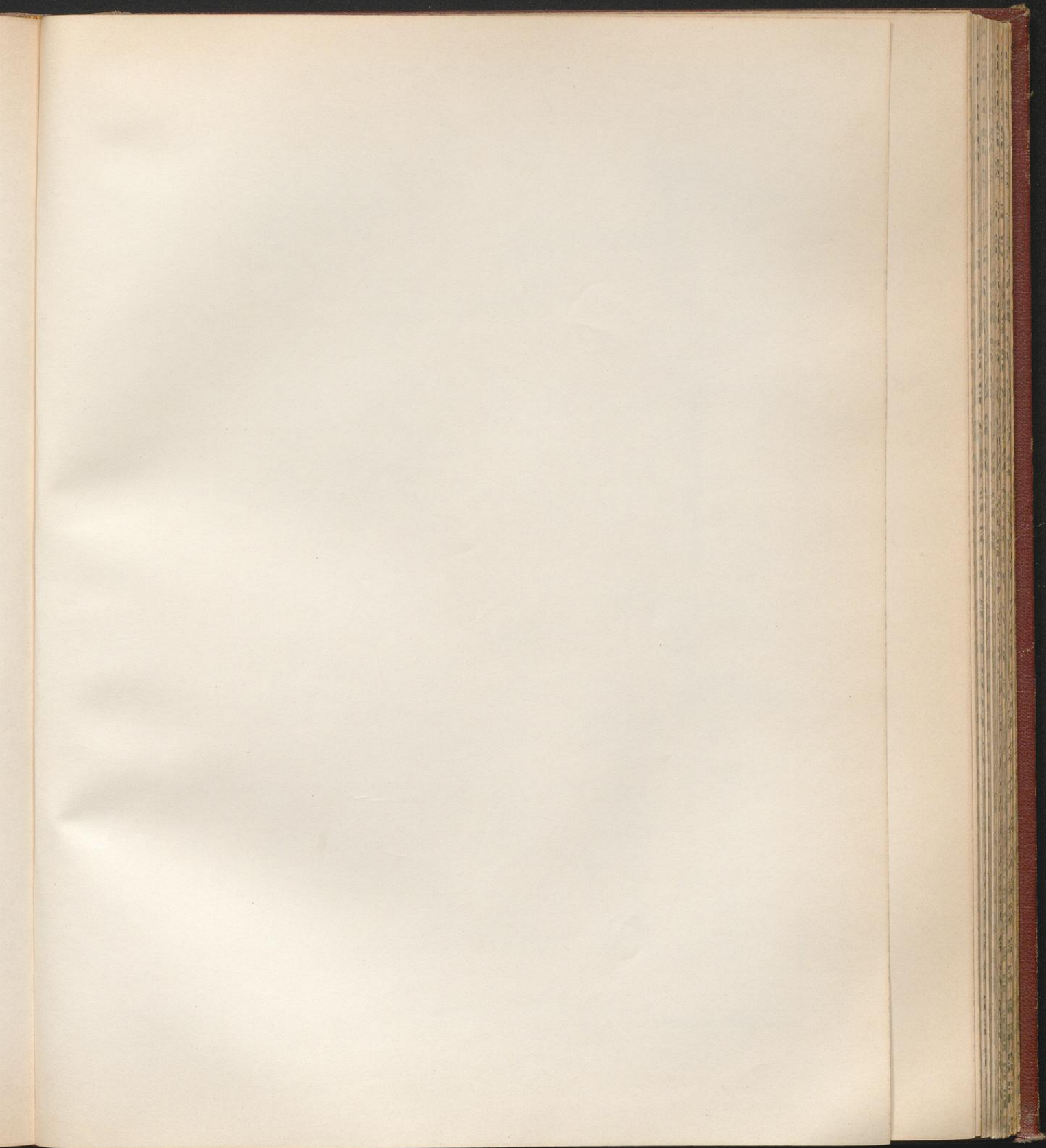


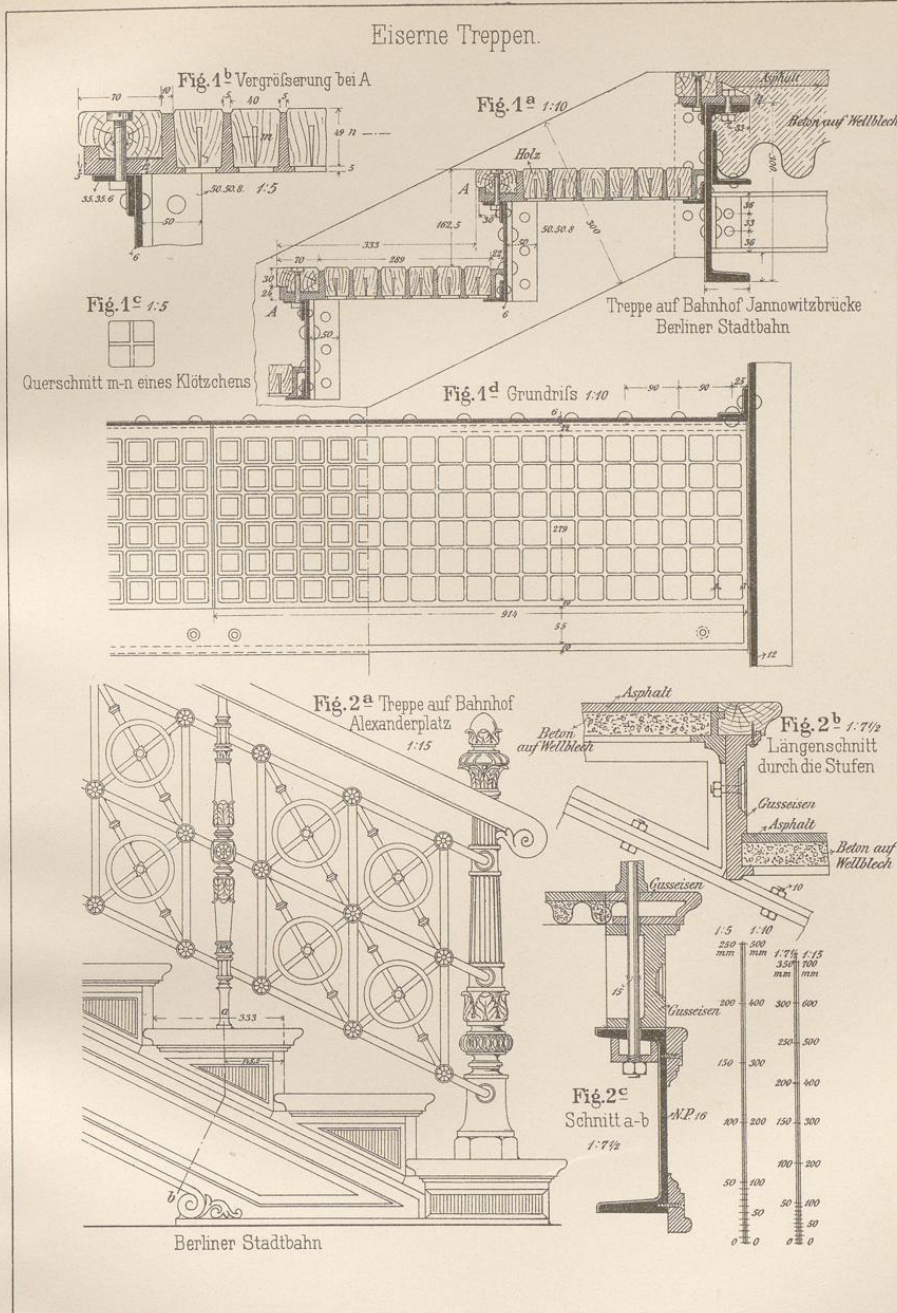
Fig. 1 Grundriss 1:150

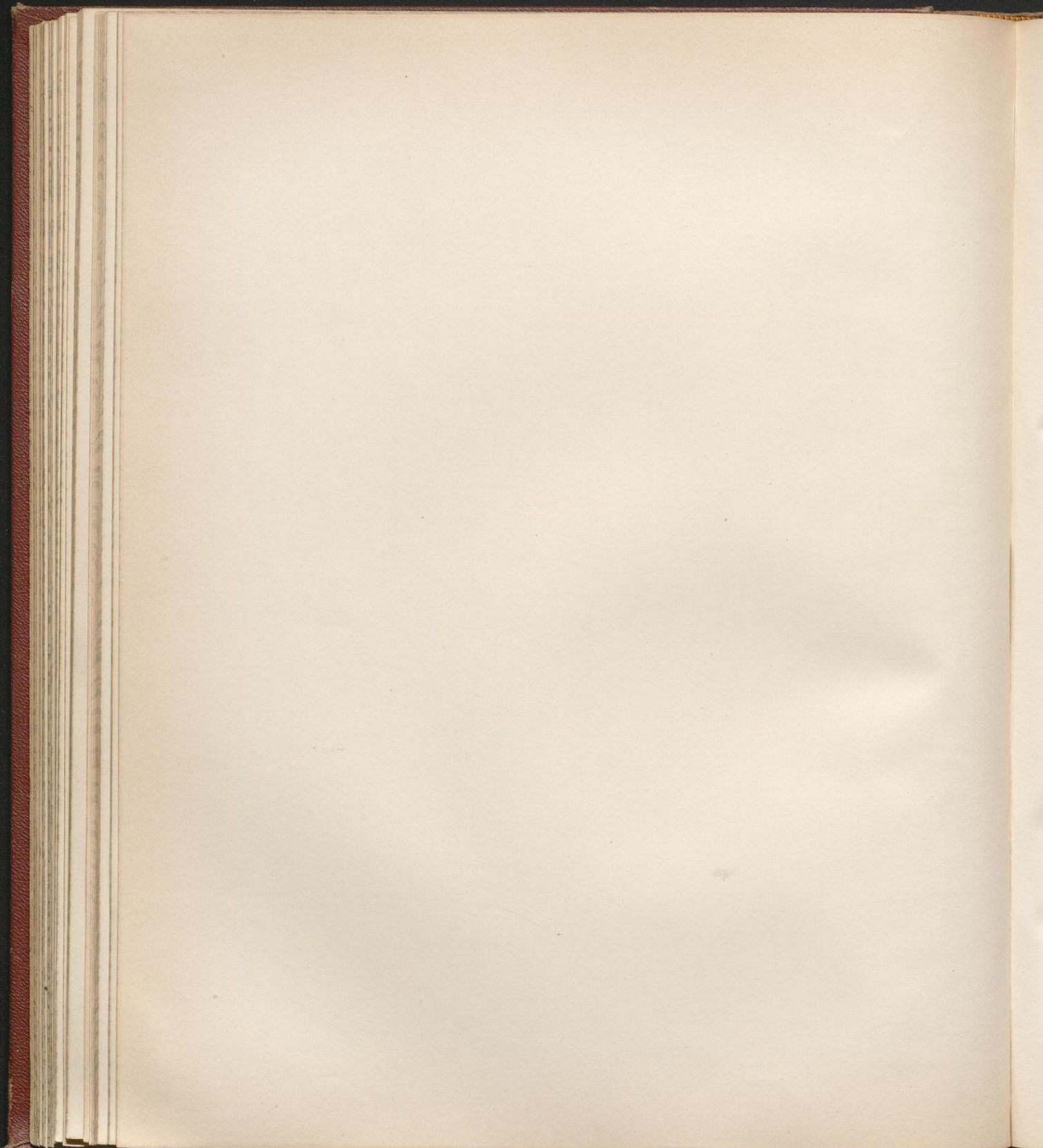


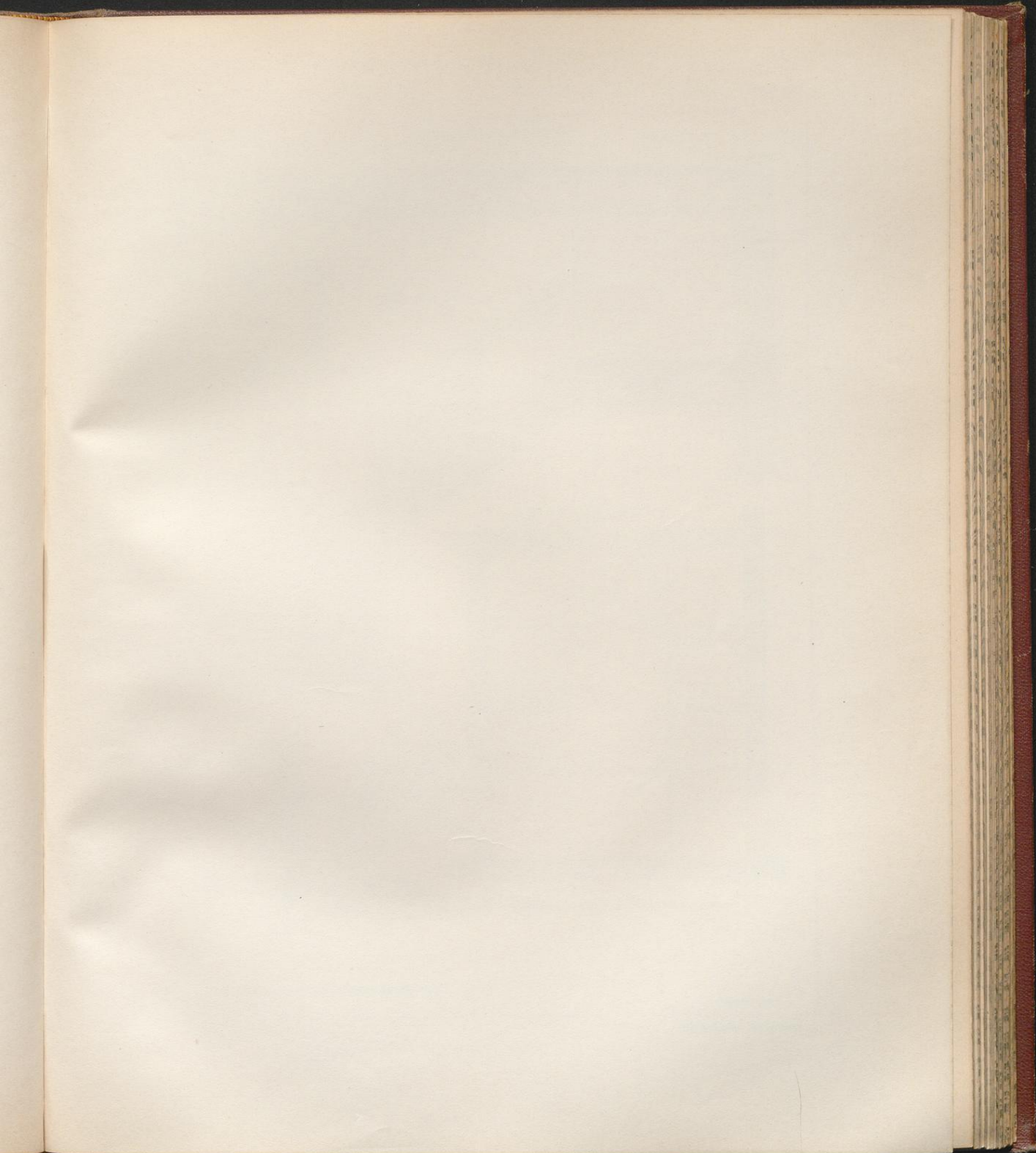


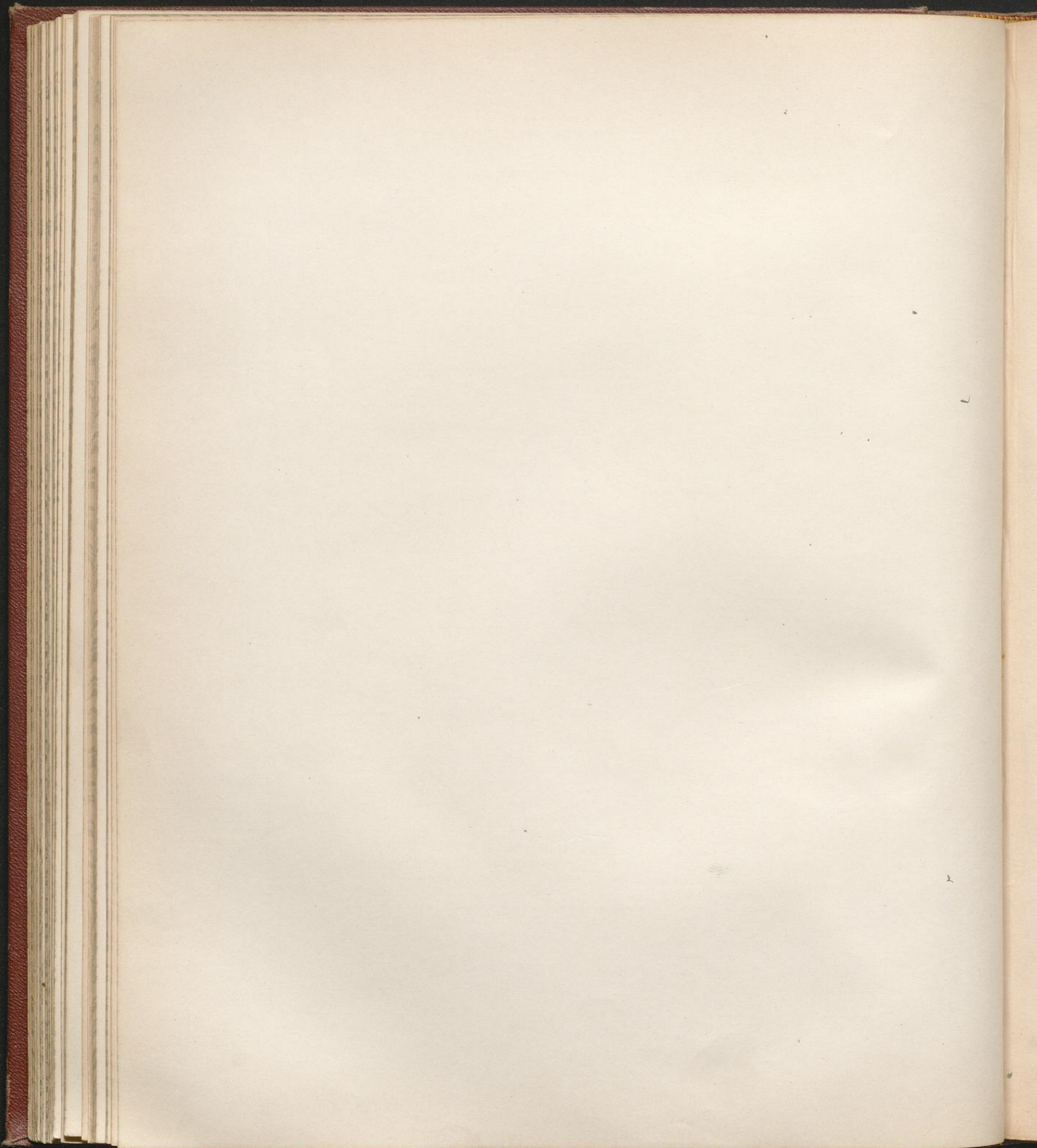


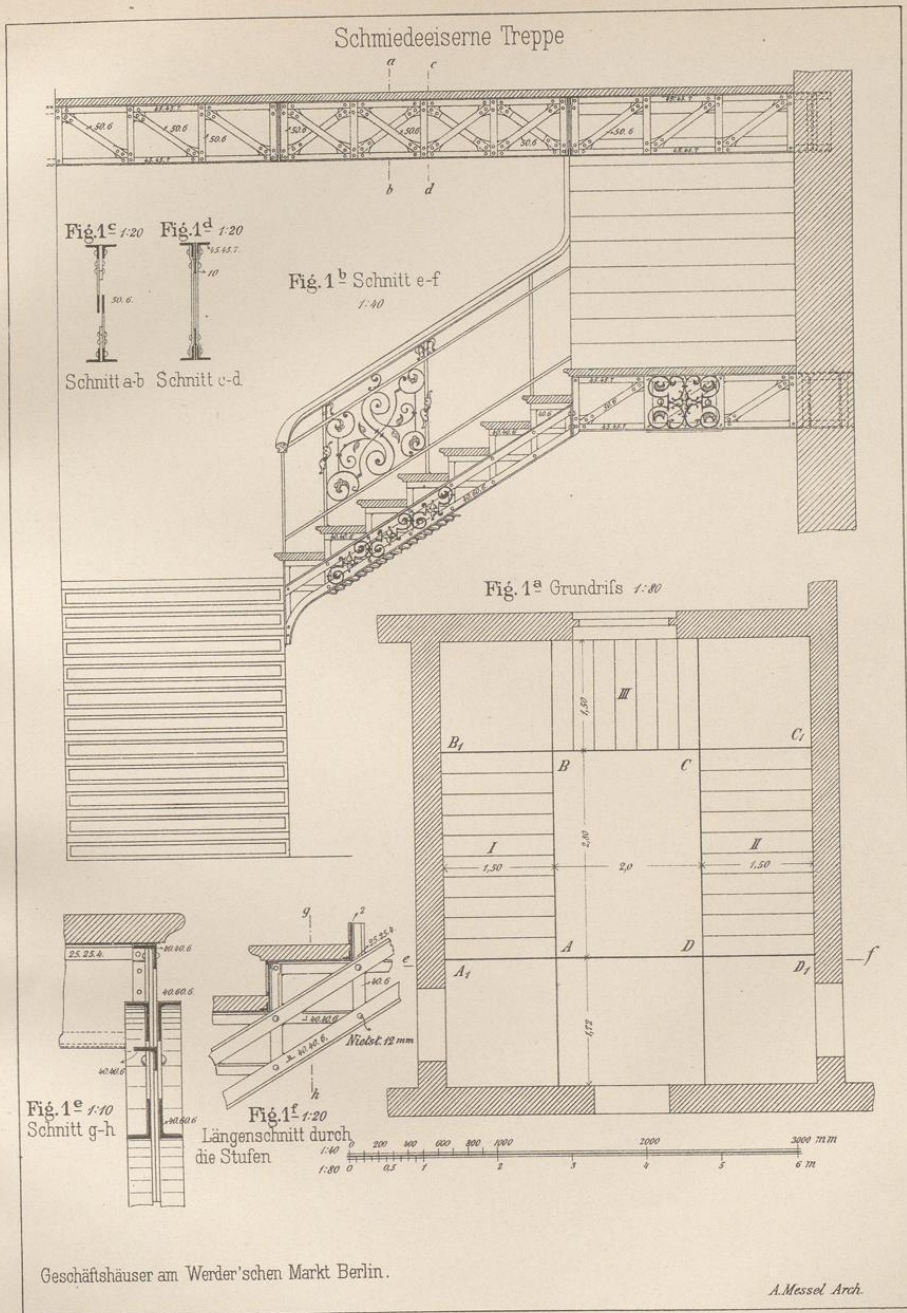
Eiserne Treppen.

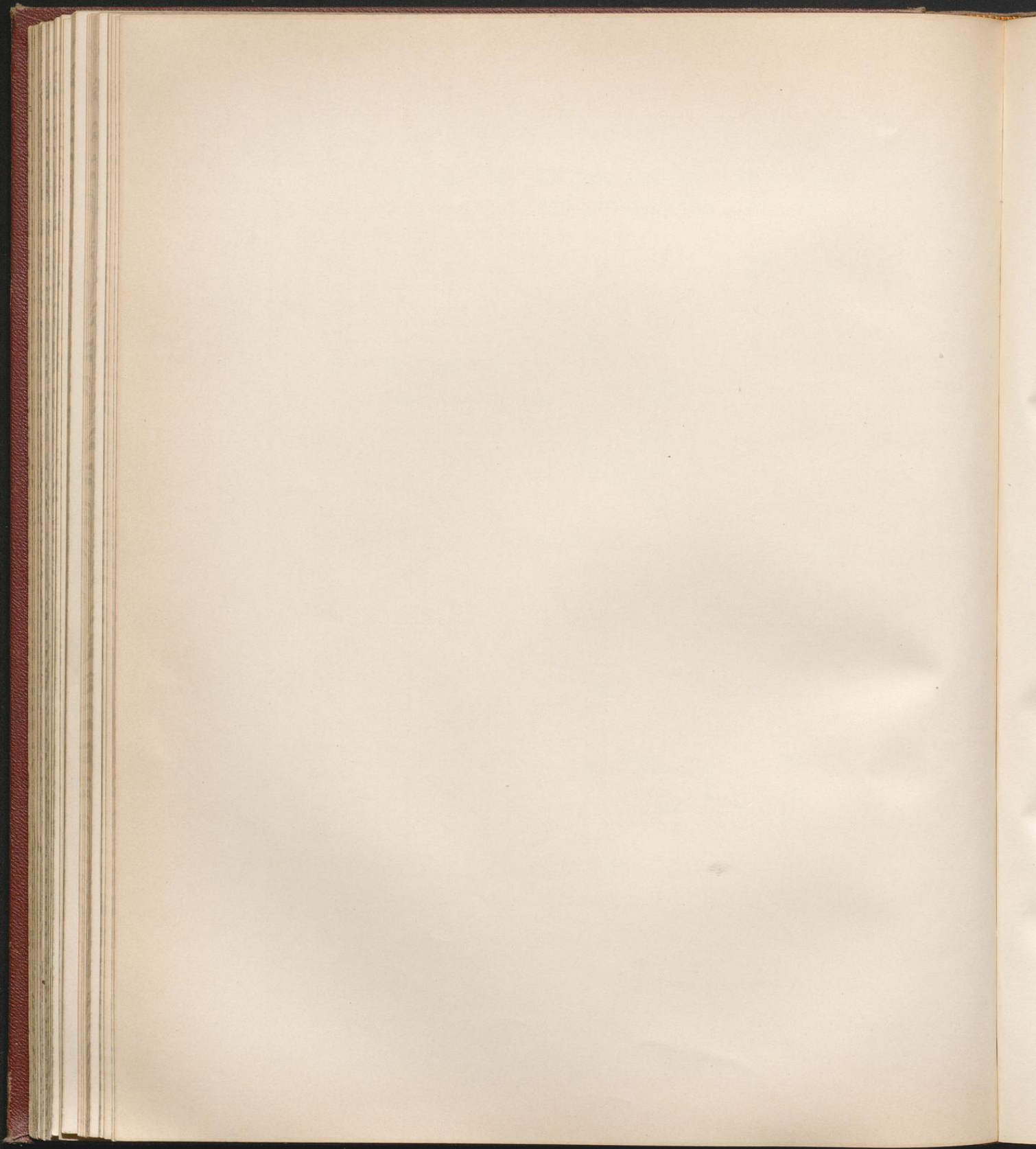


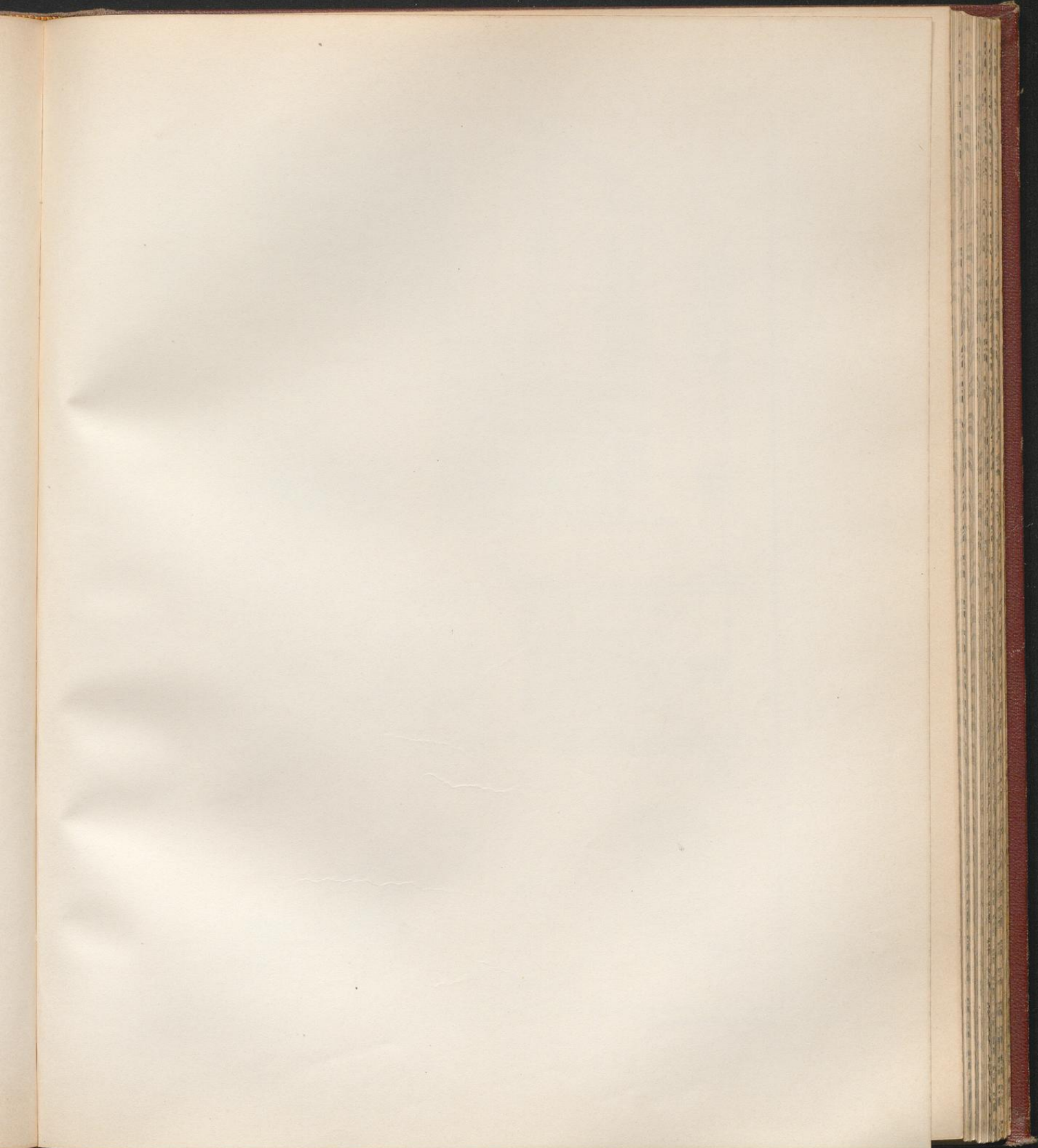




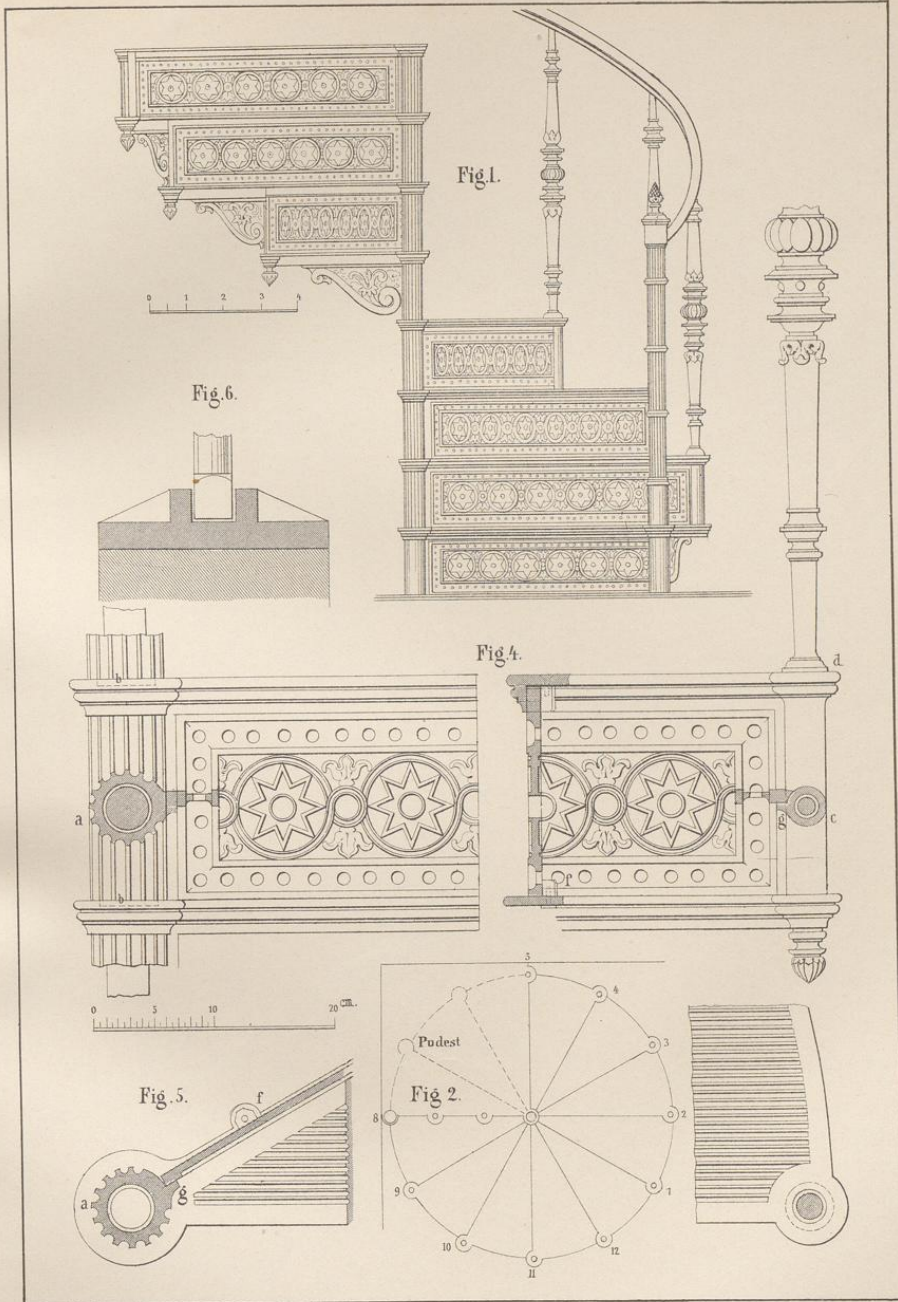






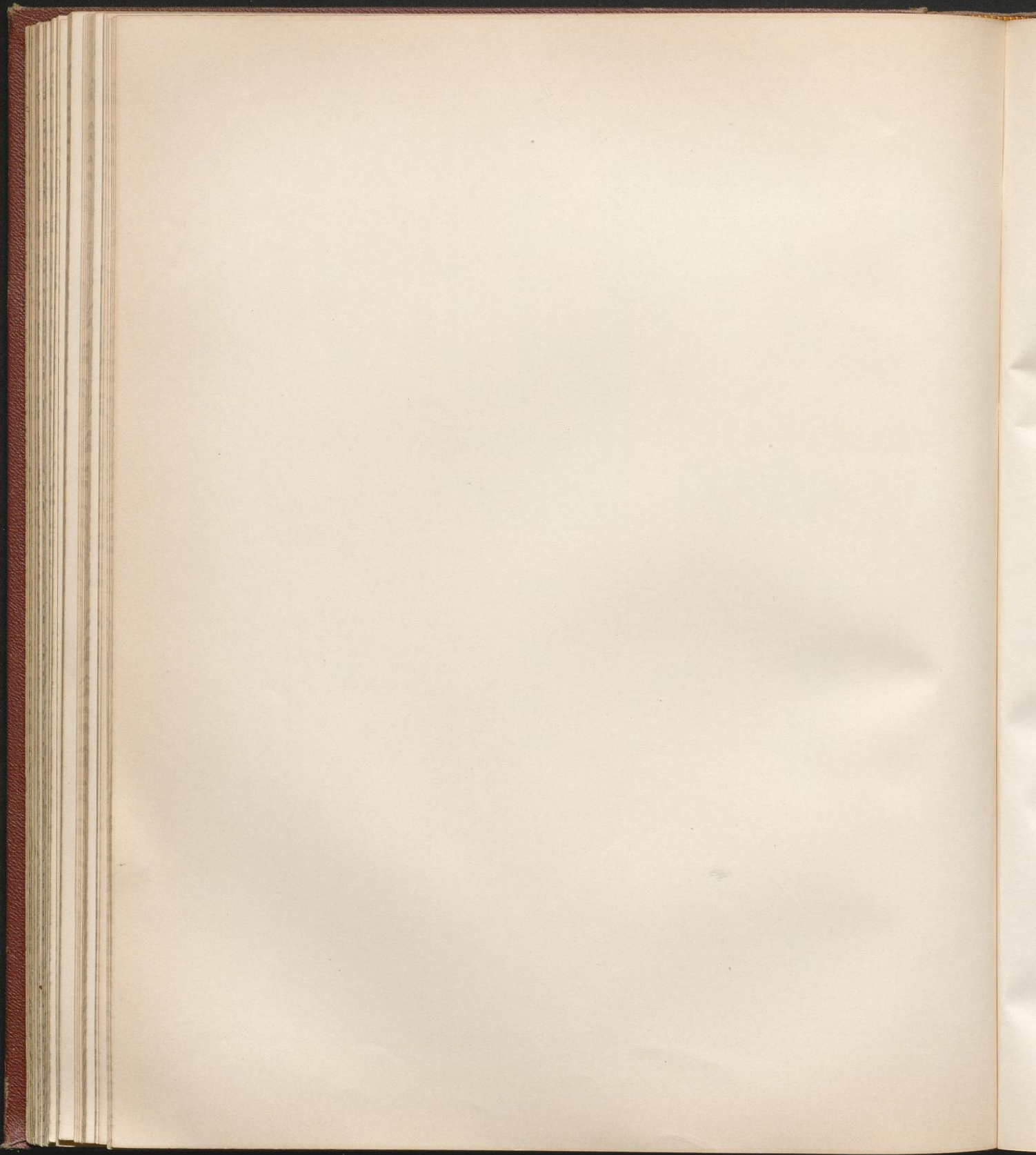


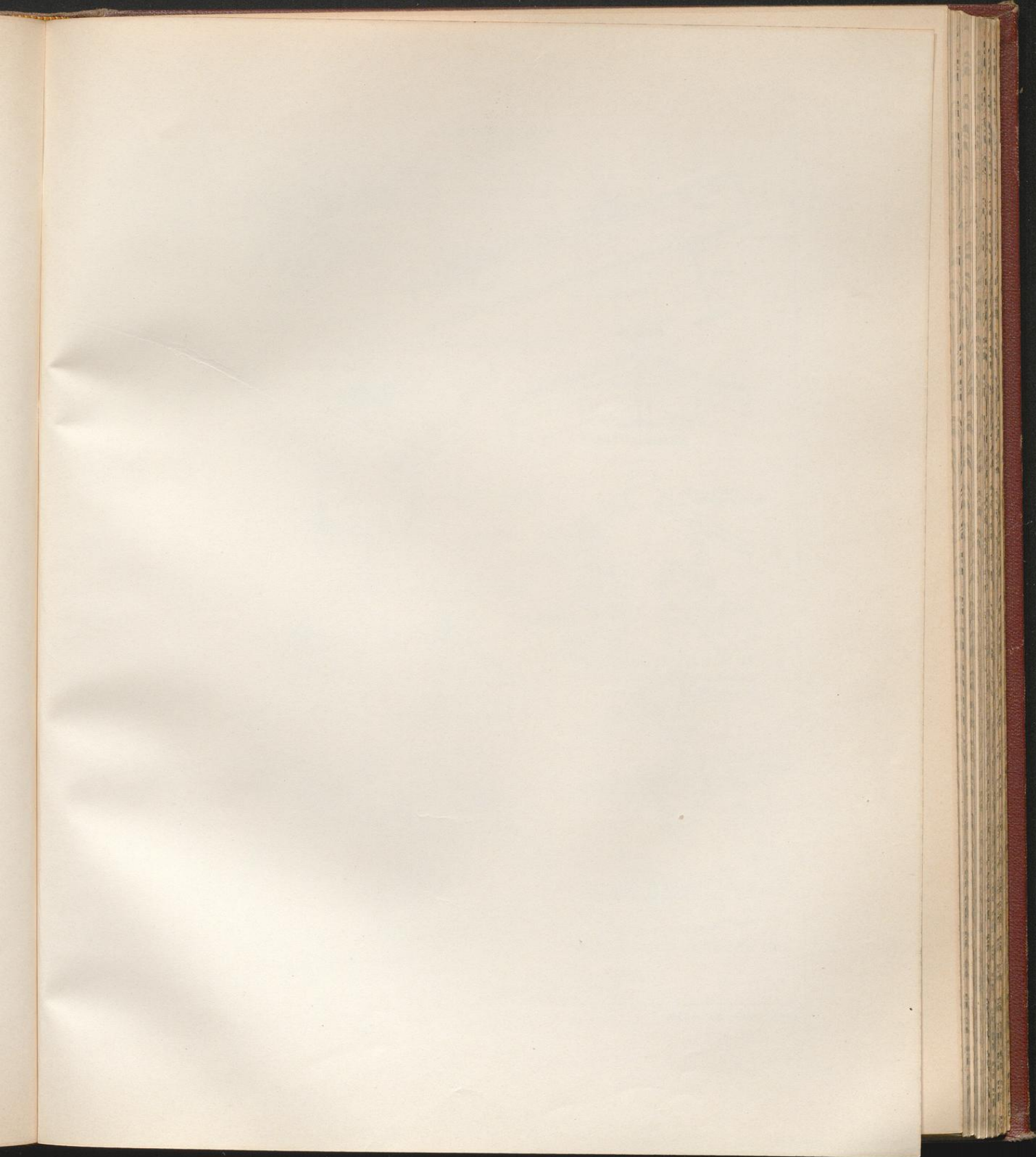


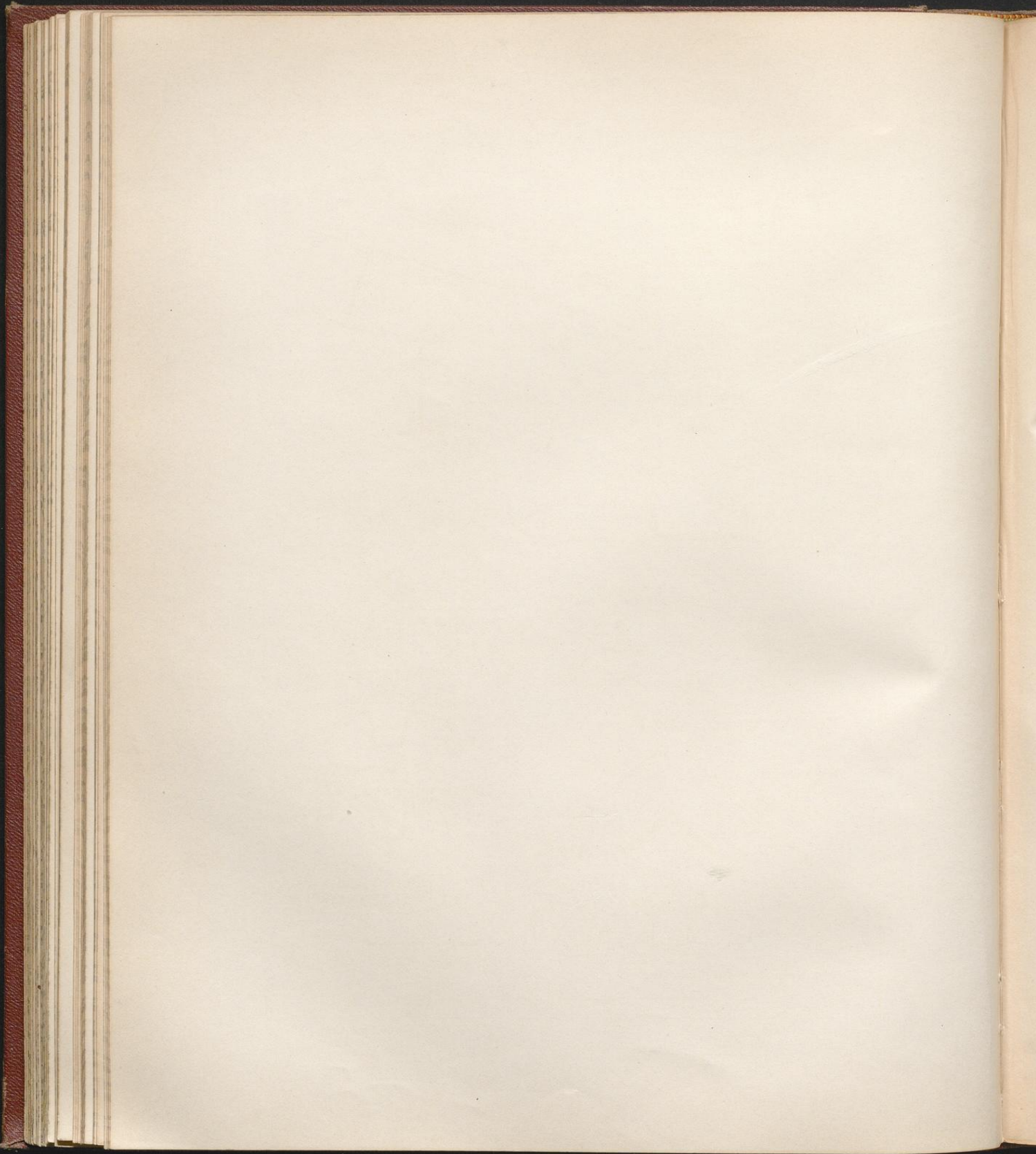


Breymann III Eisen (6. Aufl.)

J.M. Gebhardt's Verlag, Leipzig.







Glasdeckungen.

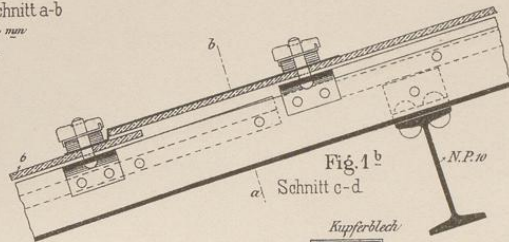
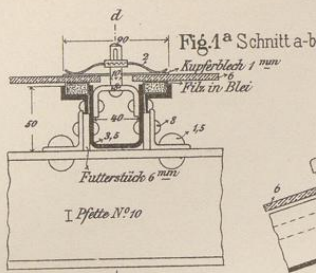


Fig. 1, 2 vom Bahnhof Alexanderplatz Berlin 1:5

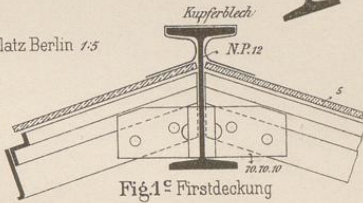
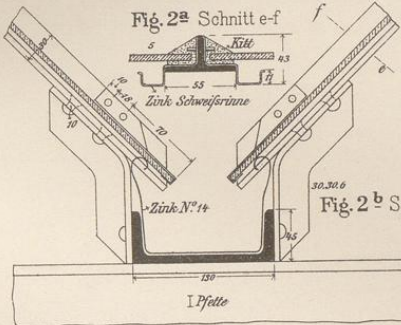


Fig. 2<sup>b</sup> Sägedach

Fig. 3 vom Schlesischen Bahnhof Berlin

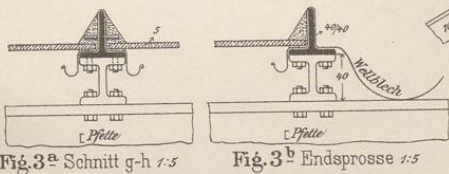


Fig. 3<sup>b</sup> Endsprosse 1:5

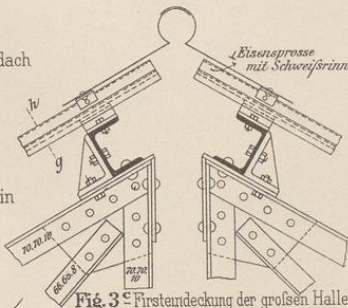


Fig. 4<sup>a</sup> Firstdeckung (Sägedach) 1:5

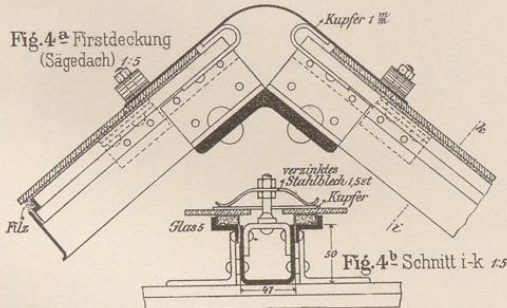


Fig. 4<sup>b</sup> Schnitt i-k 1:5

Fig. 4 vom Stadtbahnhof Börse Berlin

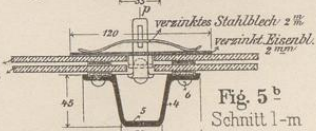
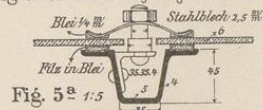
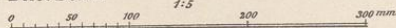
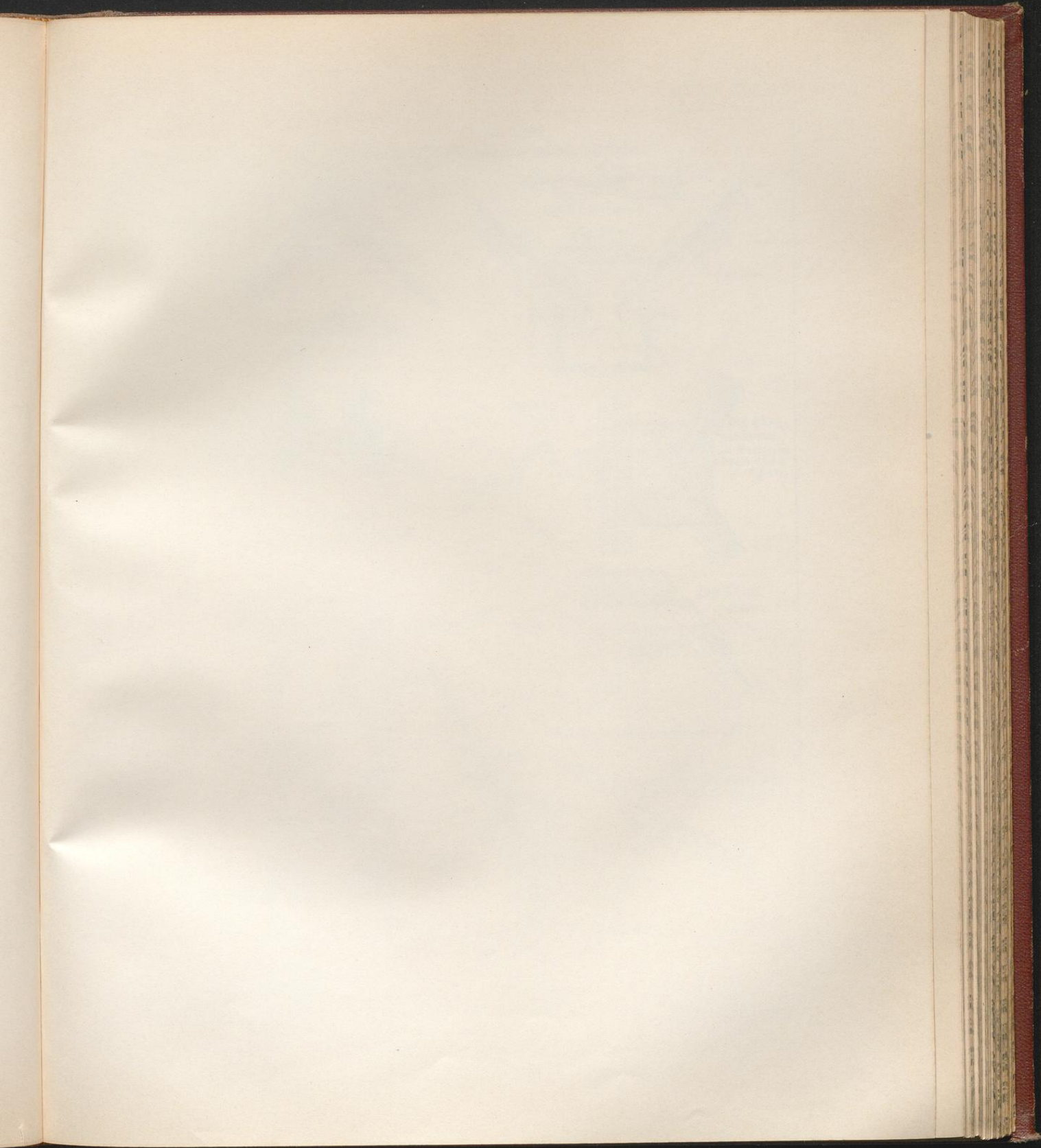


Fig. 5<sup>c</sup> Schnitt o-p

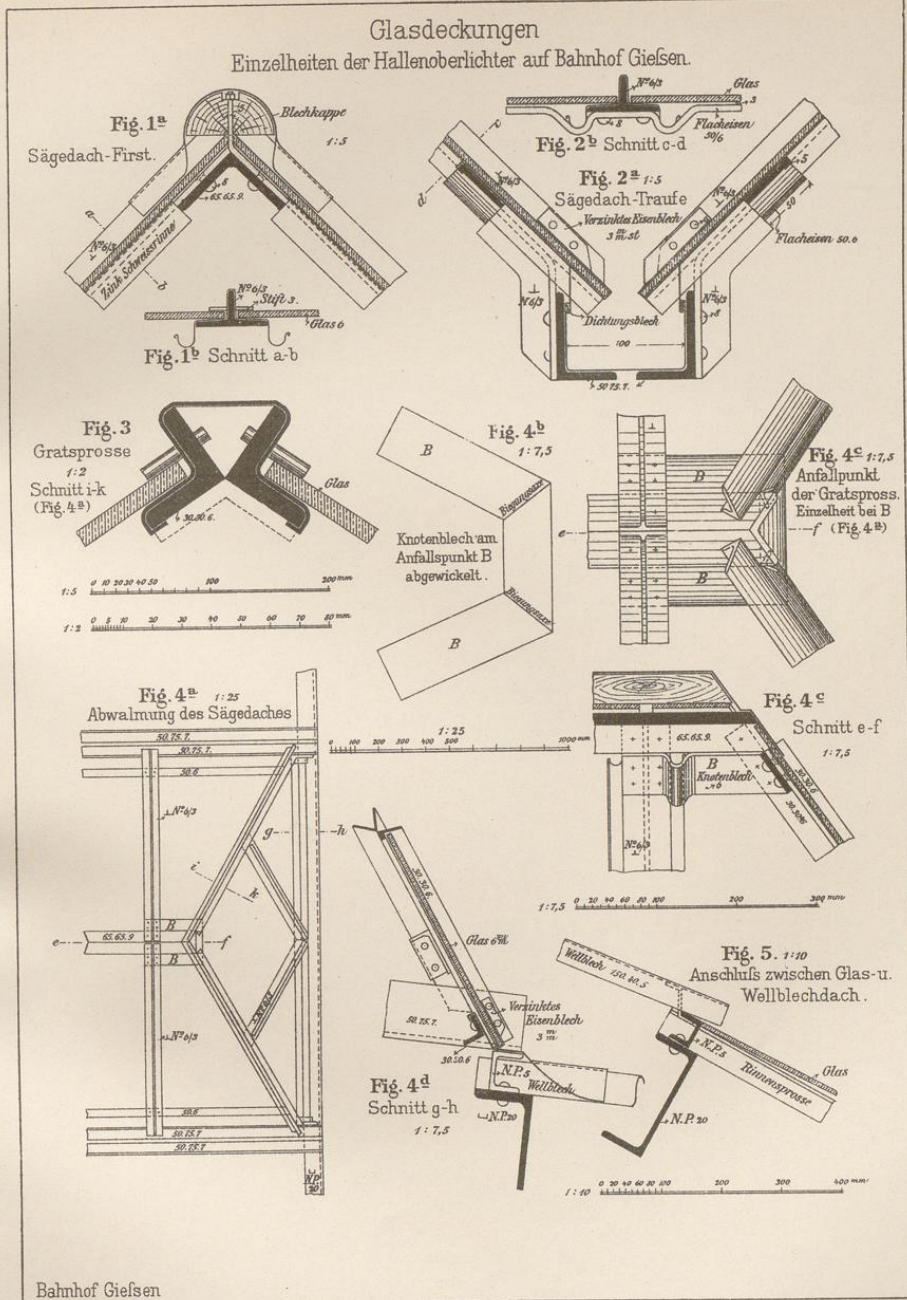
Fig. 5 vom Hauptbahnhof Frankfurt 3/4 M.









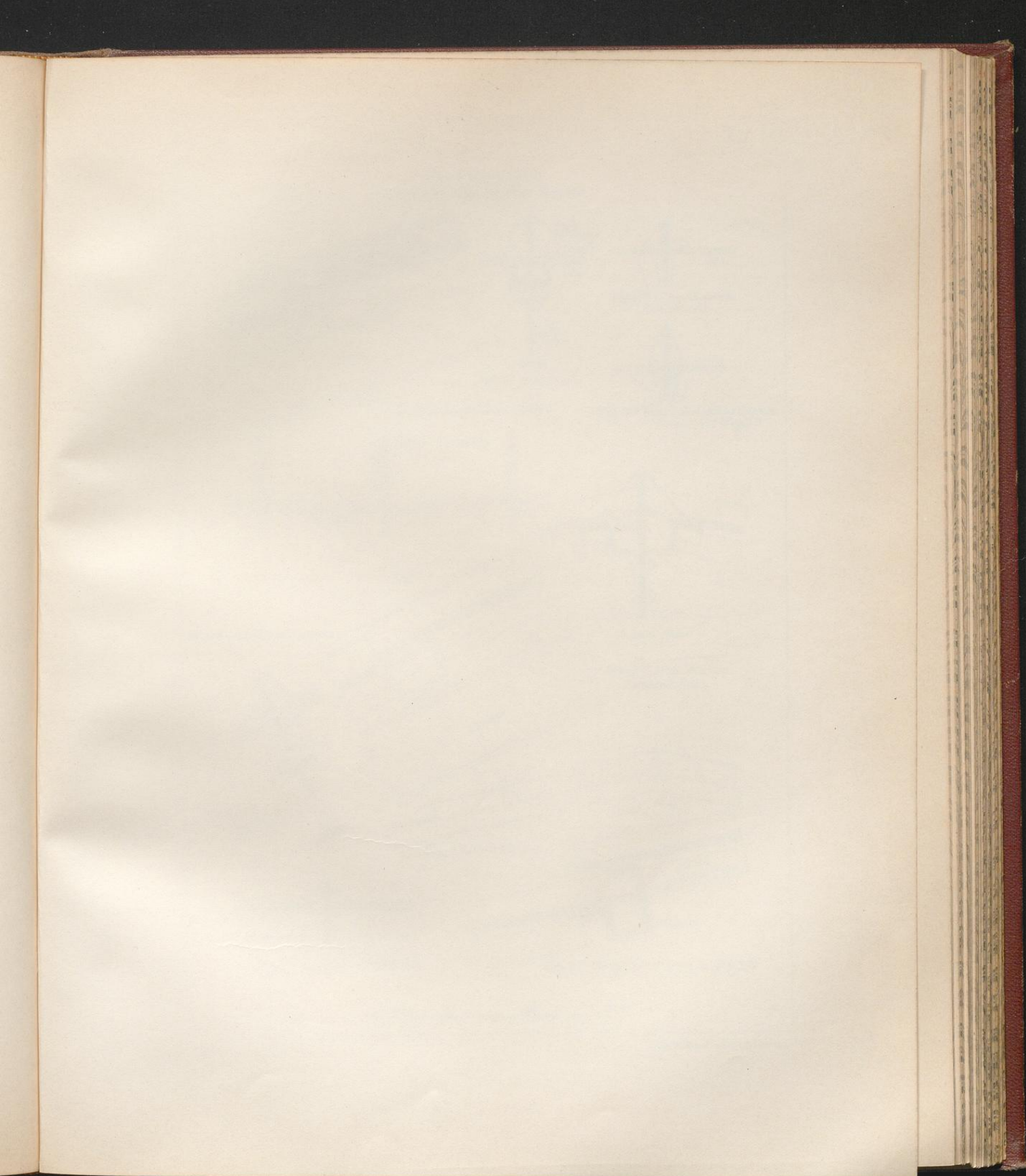


Bahnhof Gießen

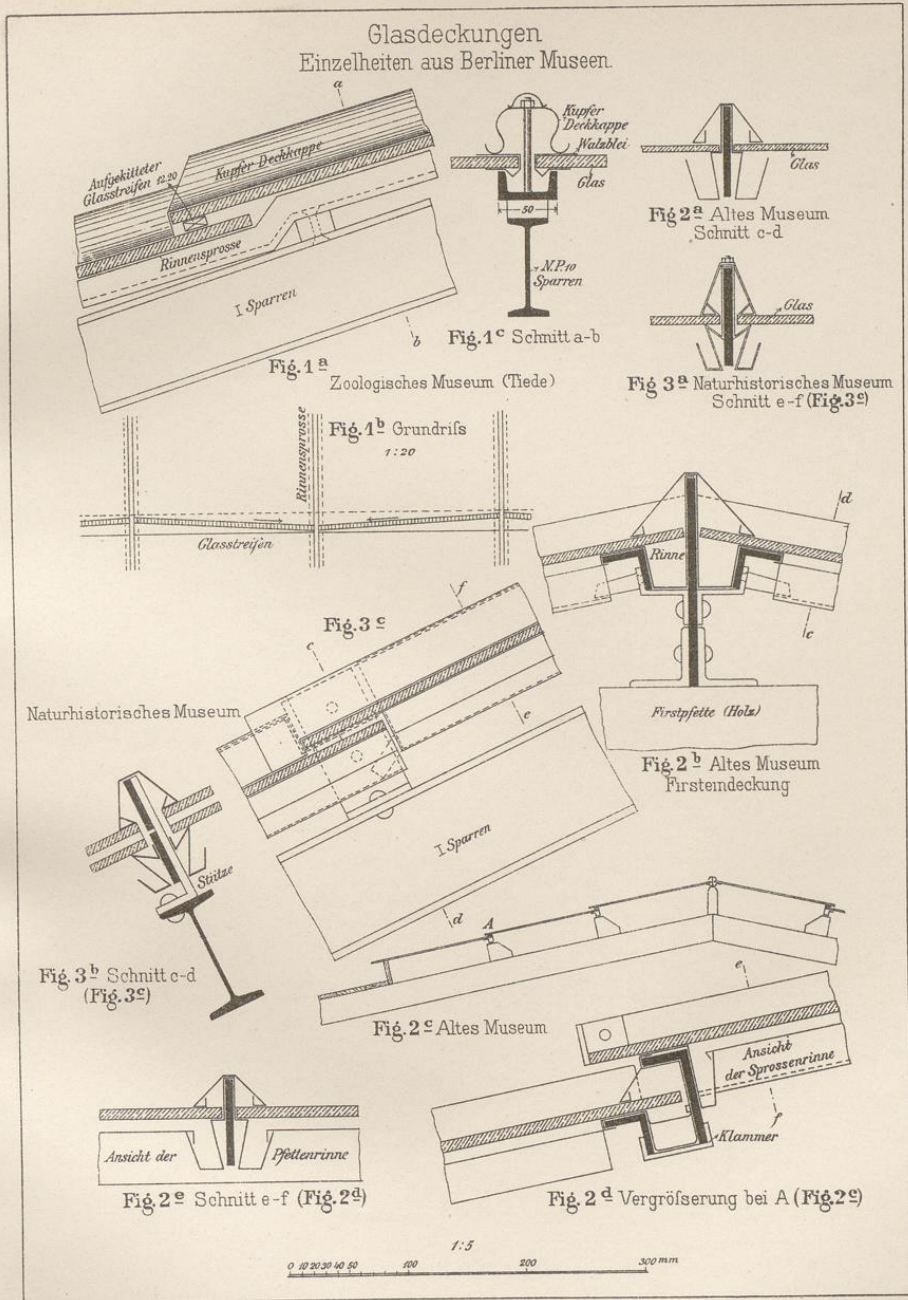
Breymann III Eisen. (6. Aufl.)

J.M. Gebhardt's Verlag, Leipzig.

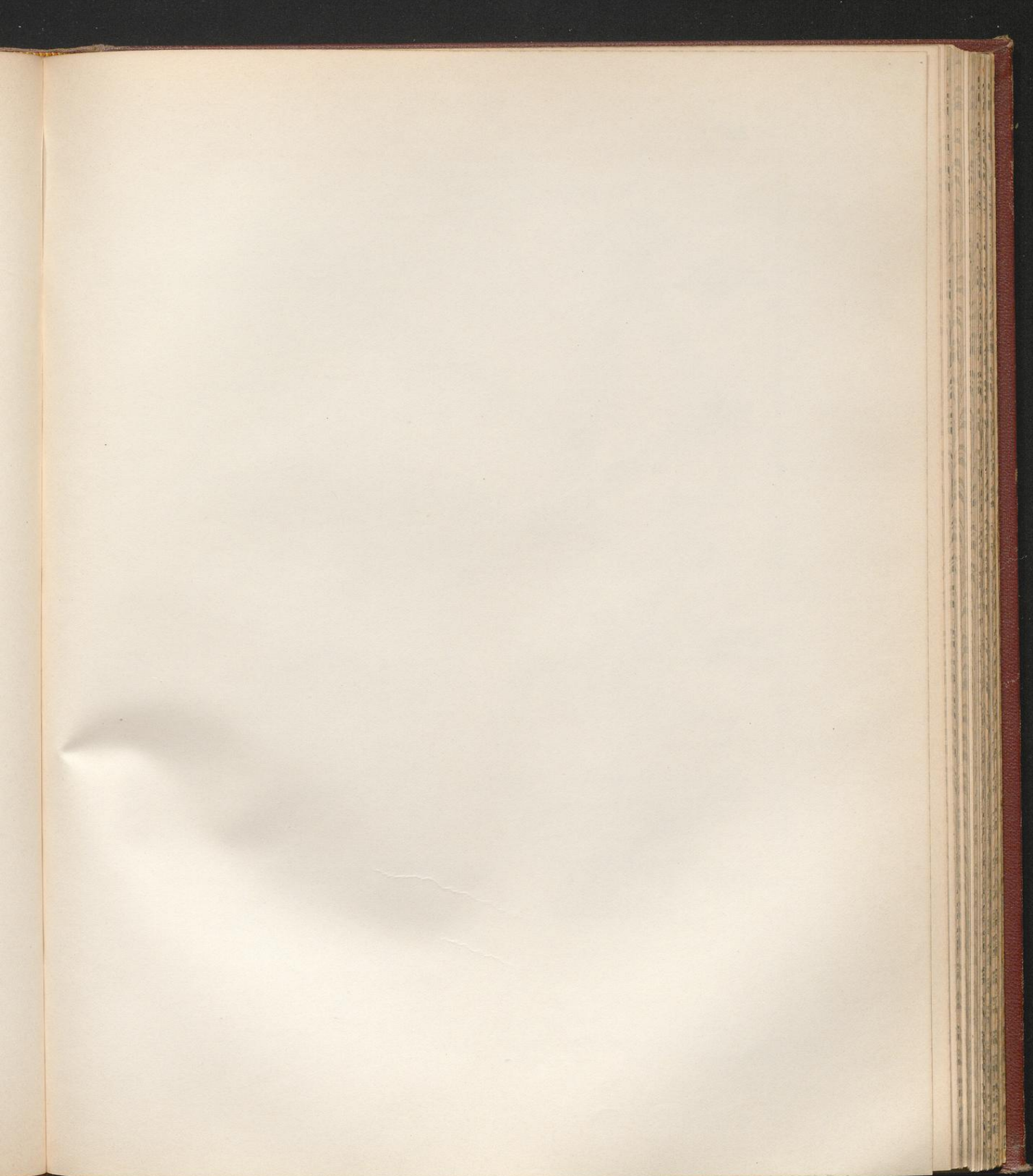






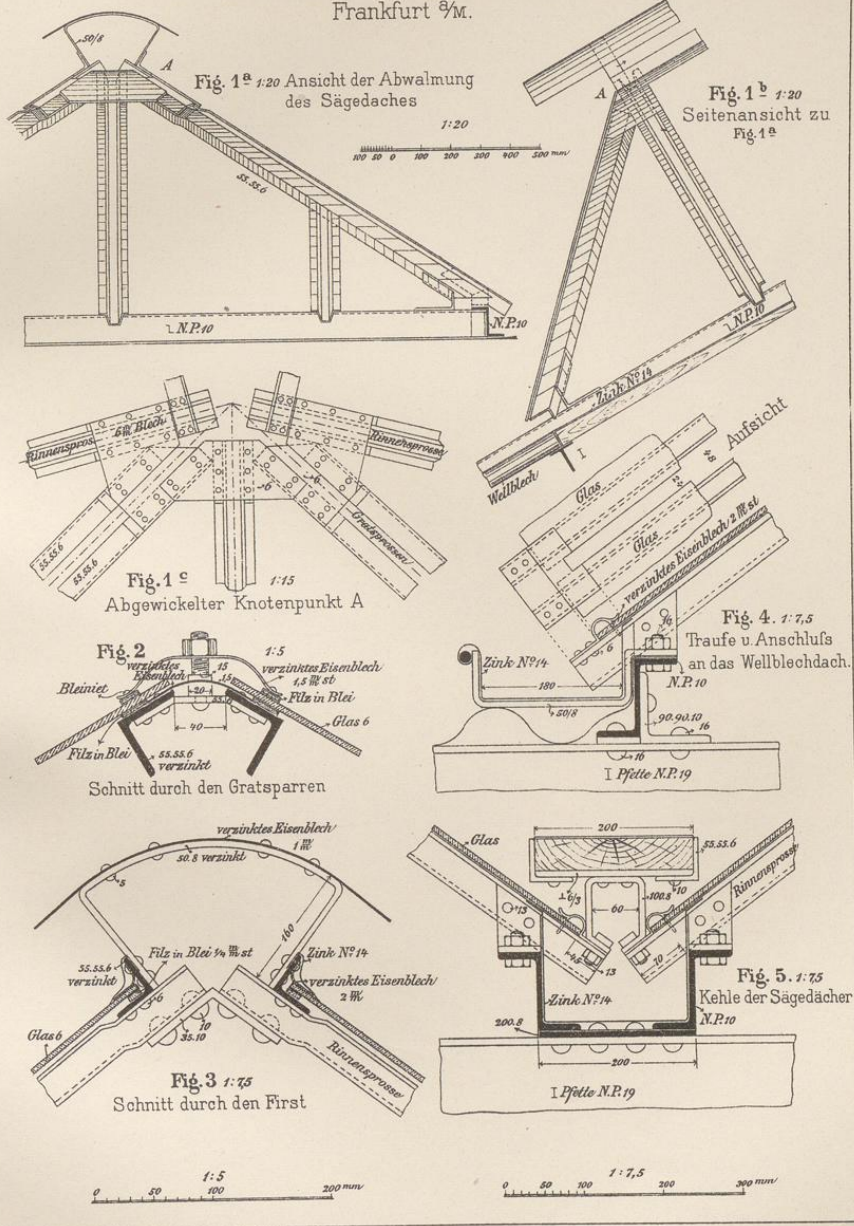


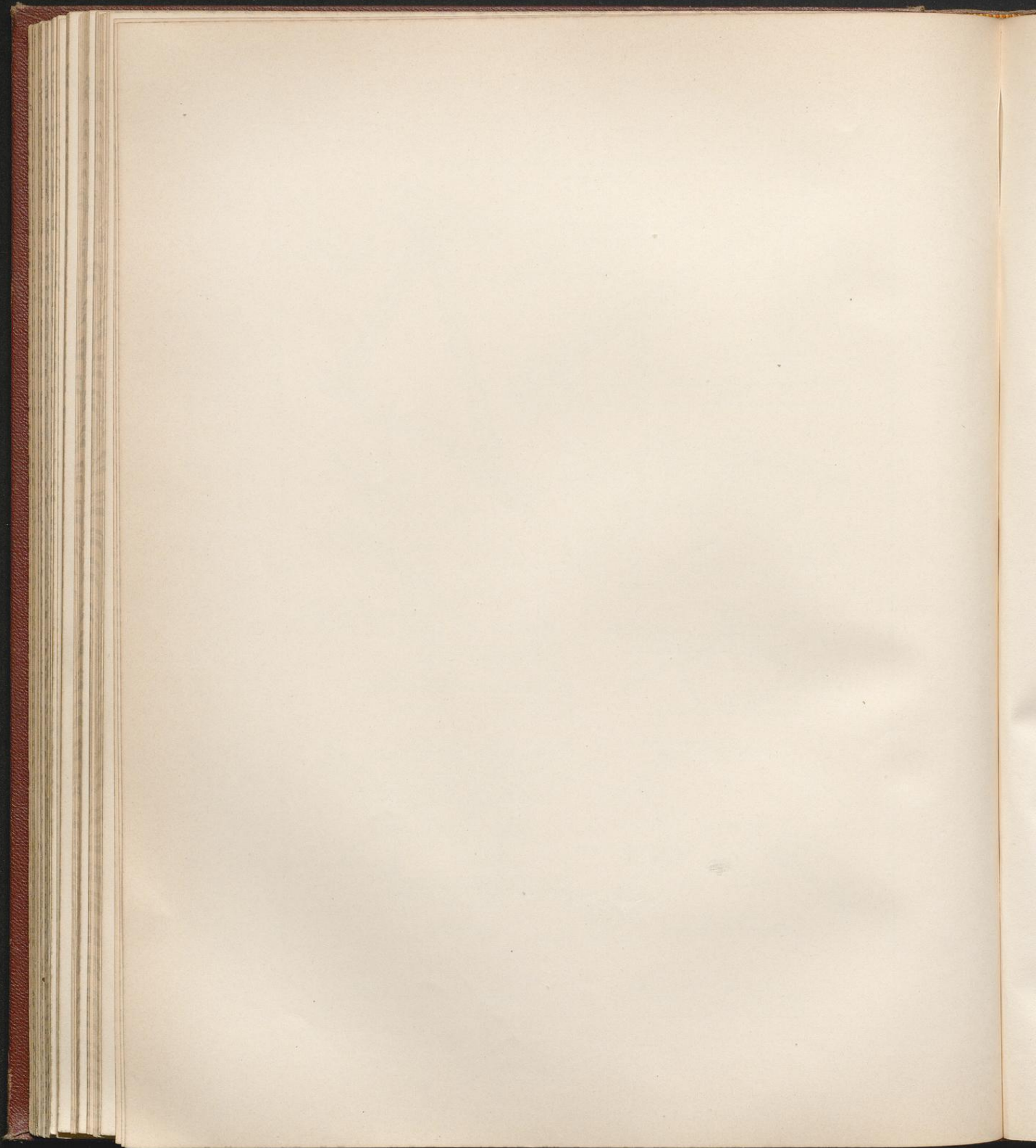


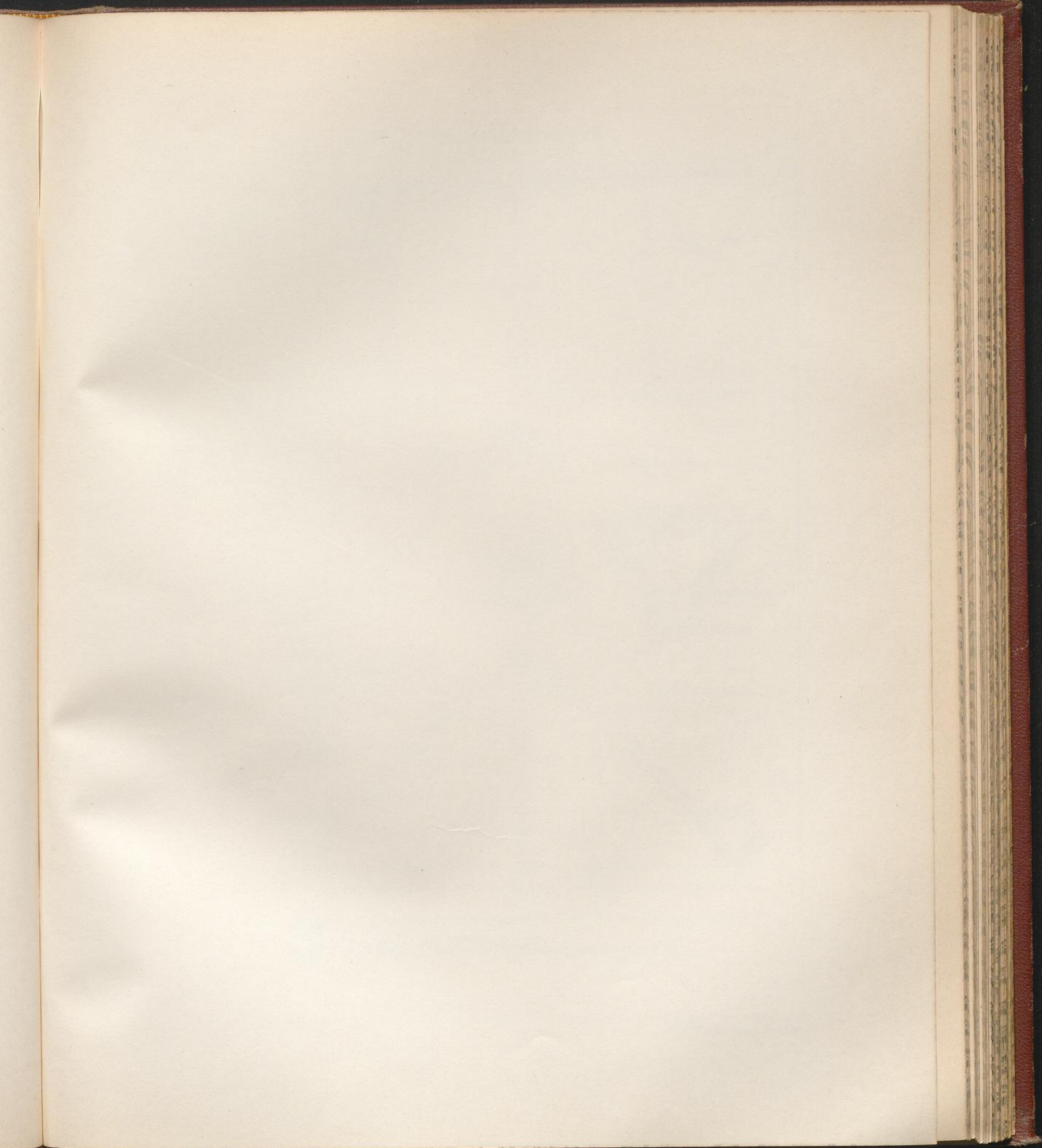




Glasedeckungen  
Einzelheiten der Hallendächer auf Hauptbahnhof  
Frankfurt  $\frac{3}{4}$ M.

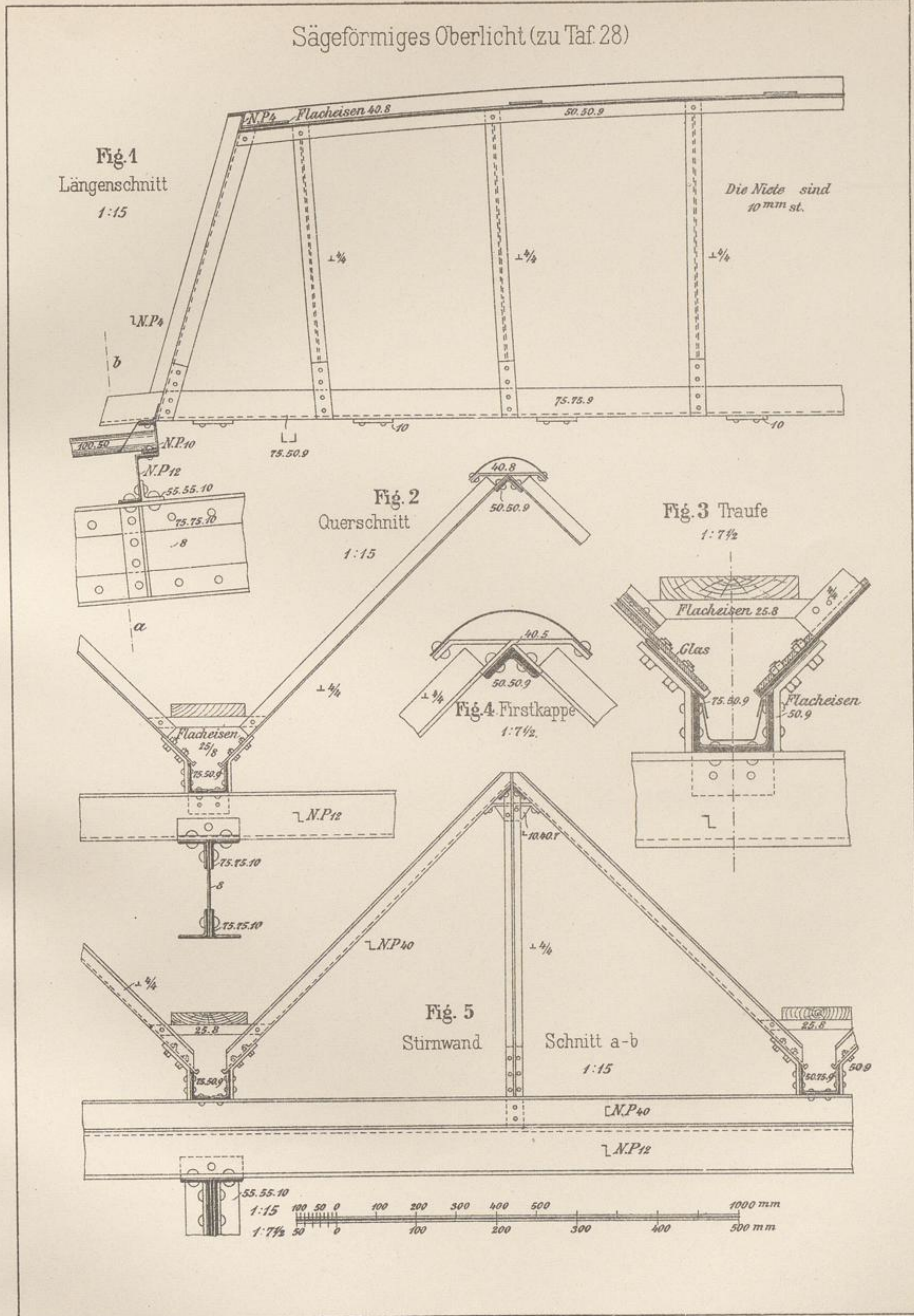


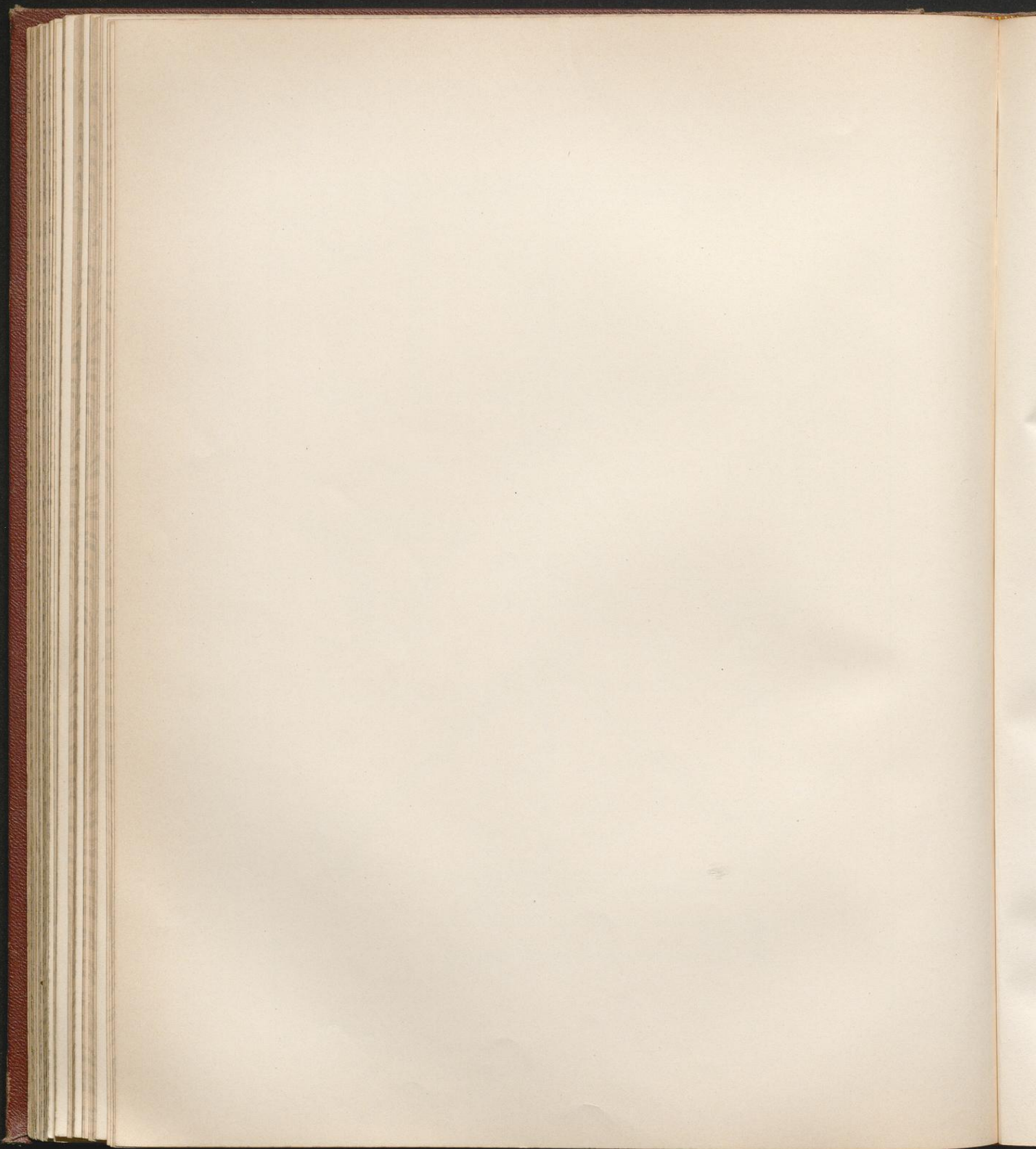




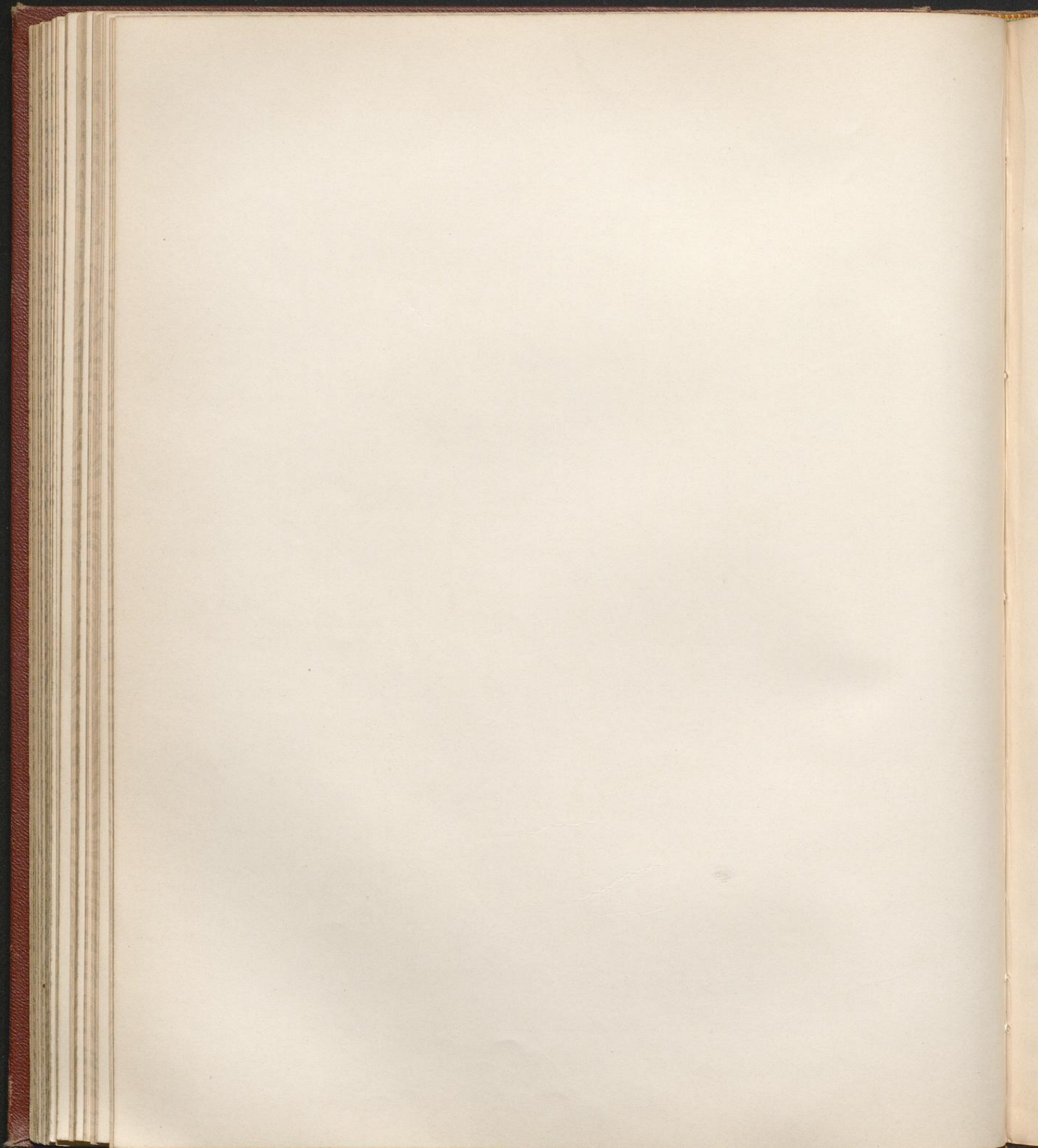


Sägeförmiges Oberlicht (zu Taf 28)

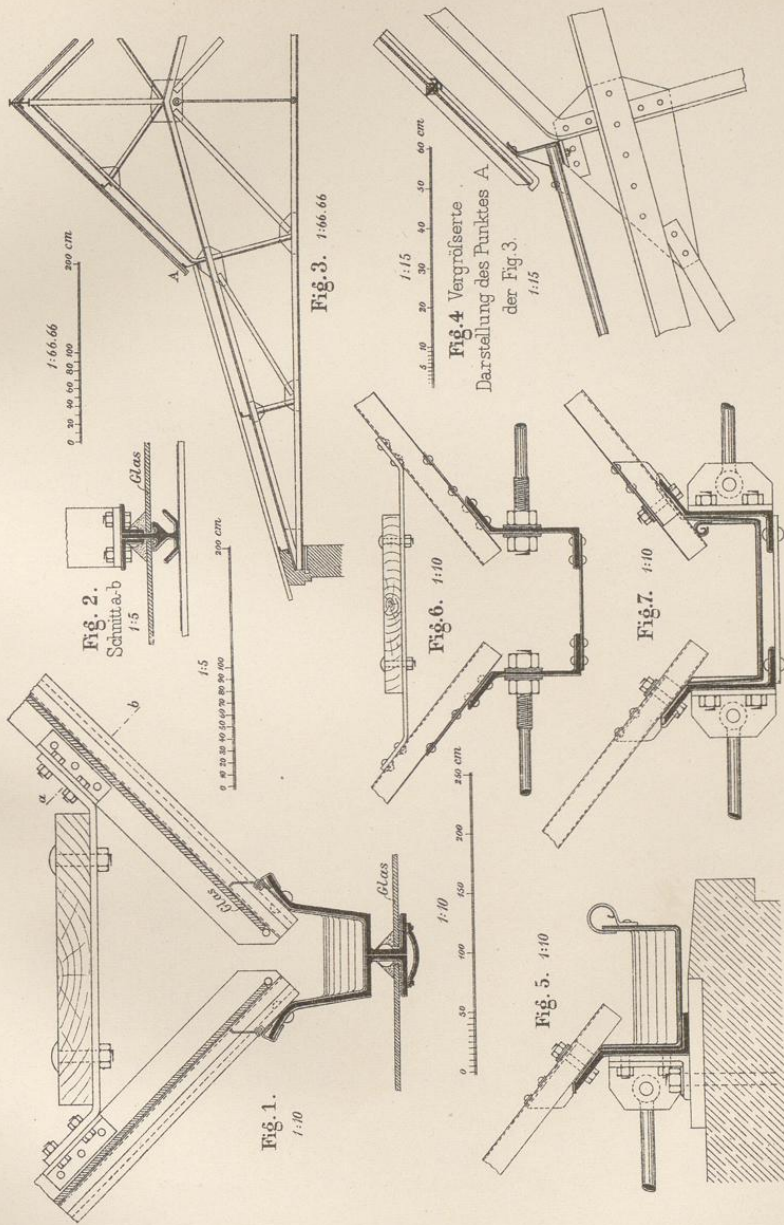


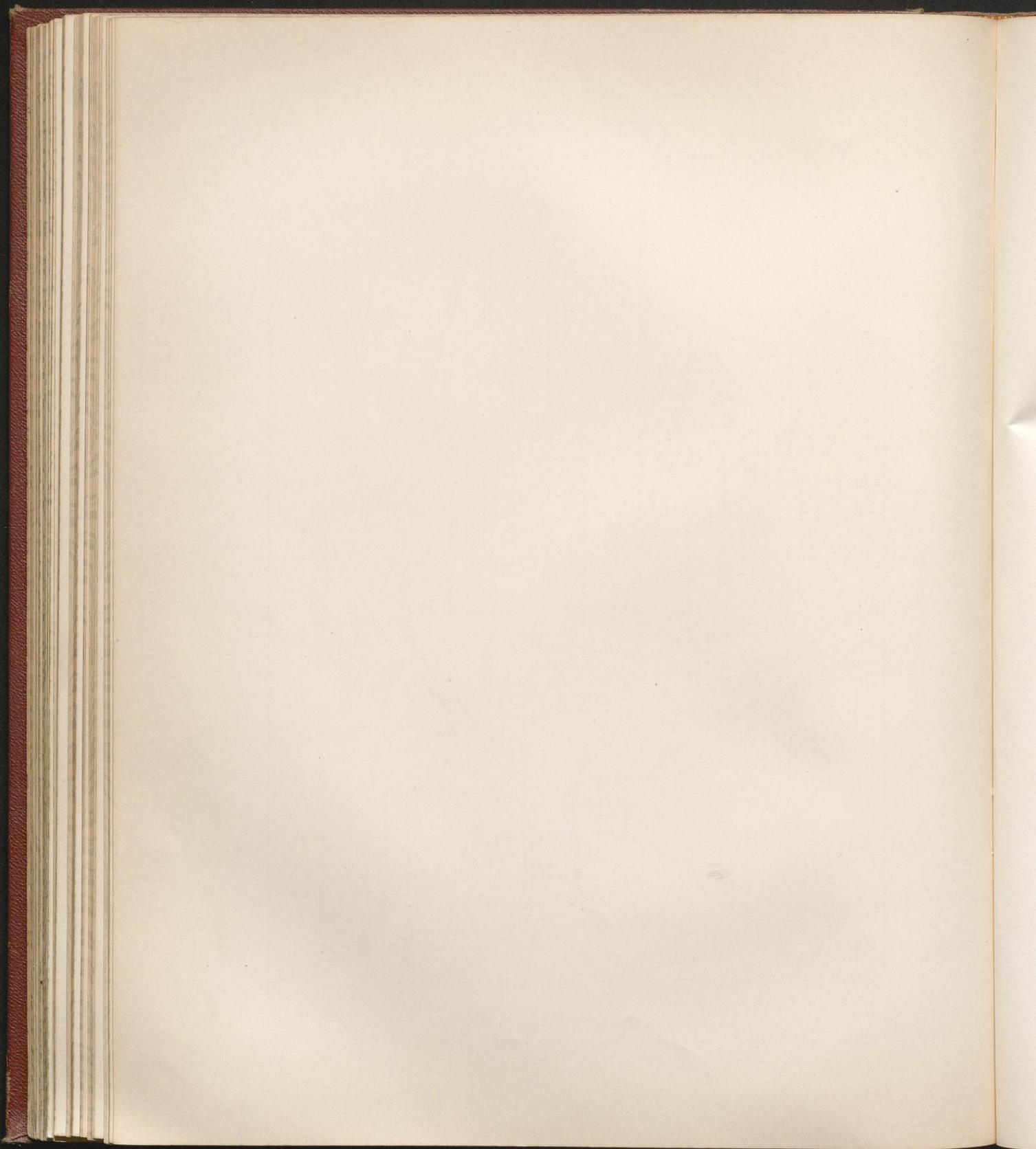




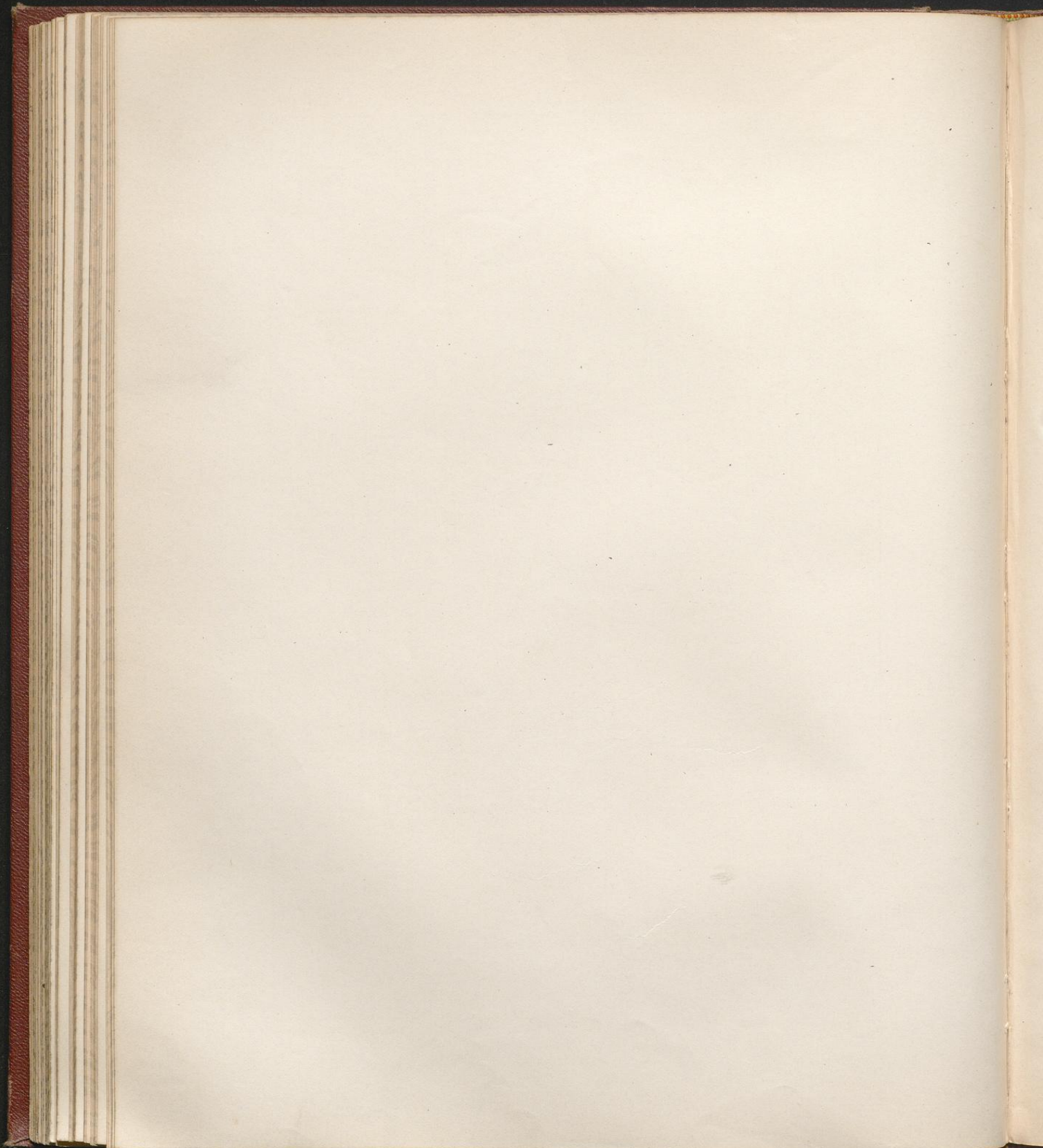


Trauf-Anordnungen.









Oberlichter.

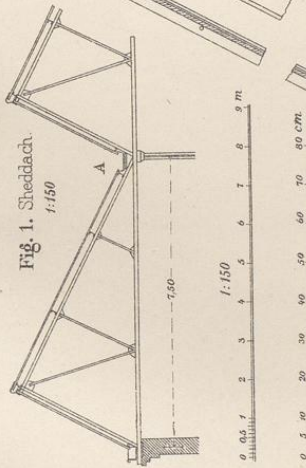


Fig. 2.  
Vergrößerte Darstellung  
des Punktes A  
der Fig. 1.  
1:15

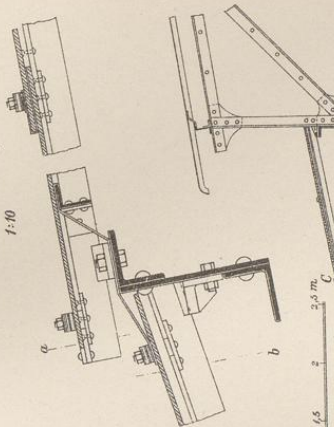
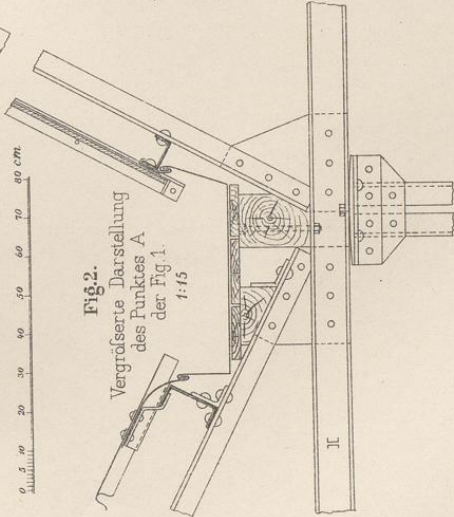


Fig. 4. Vergrößerte Darstellung  
des Punktes B der Fig. 3.  
1:10

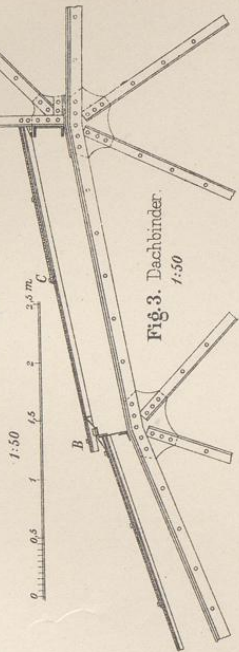


Fig. 3. Dachbinder.  
1:50

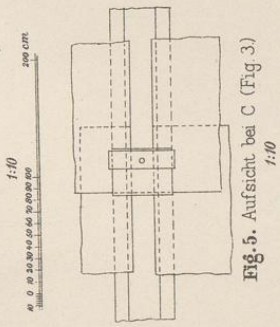


Fig. 5. Aufsicht bei C (Fig. 3)  
1:10

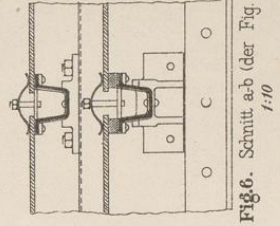


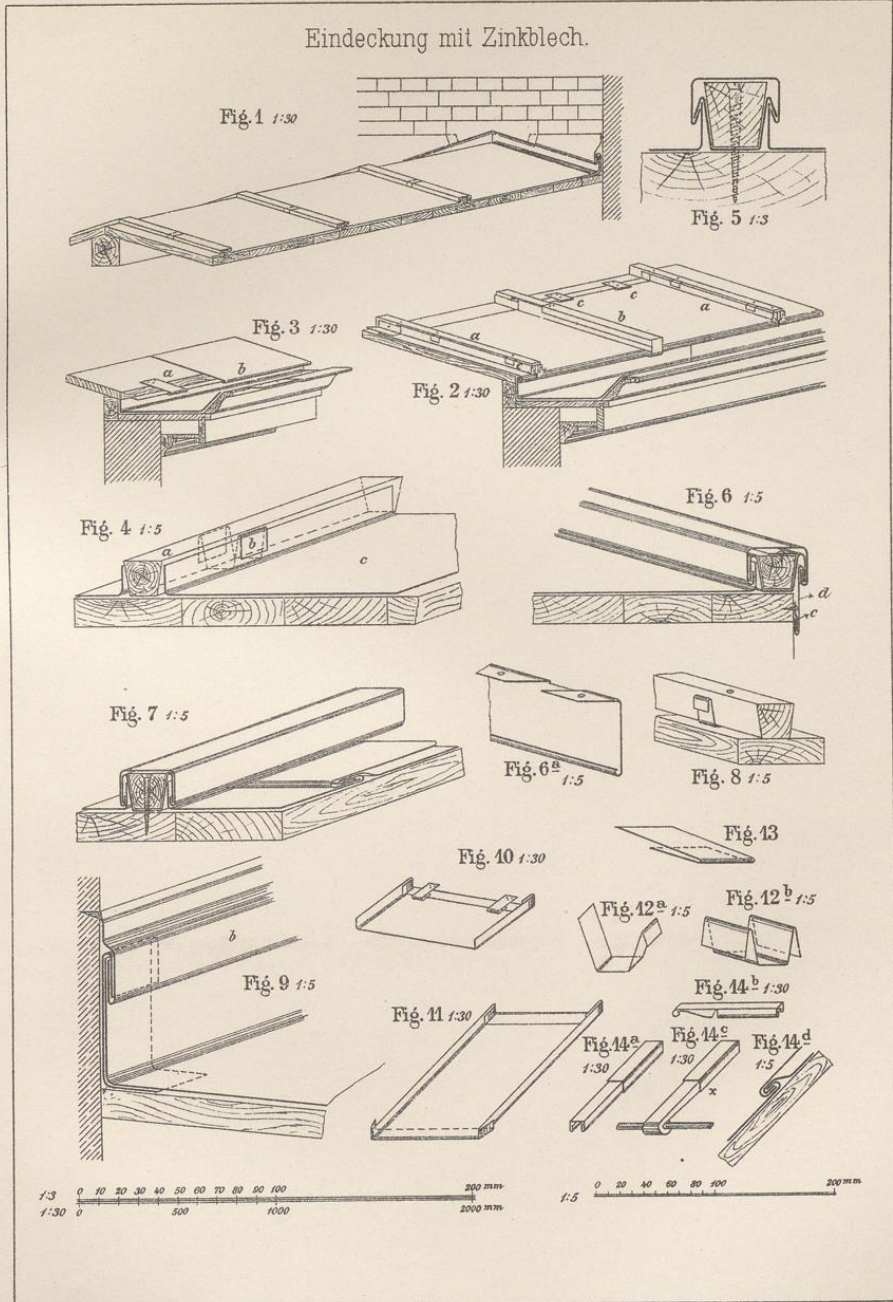
Fig. 6. Schnitt a-b (der Fig. 4)  
1:10







Eindeckung mit Zinkblech.



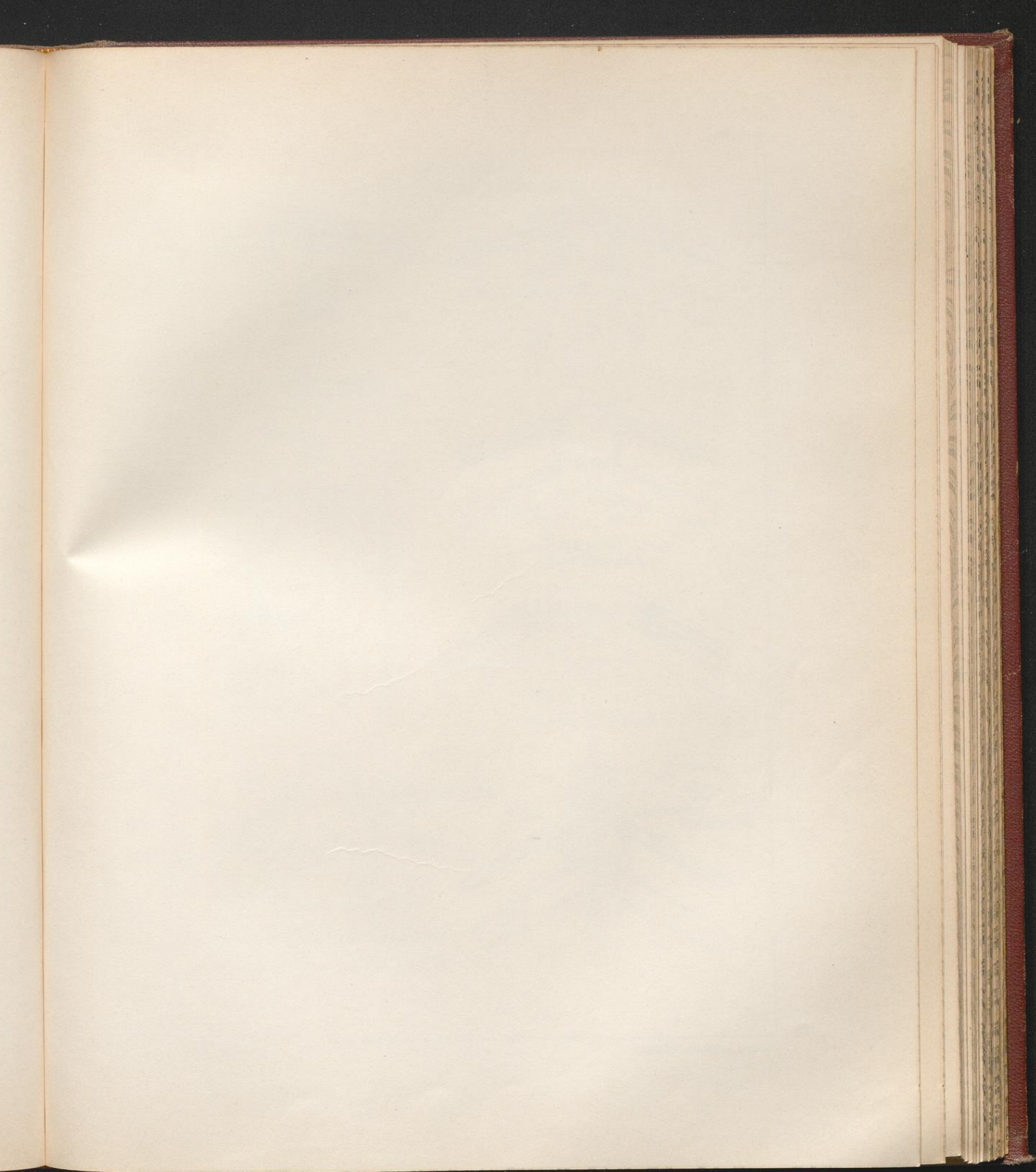














Wellblechdeckung  
Eindeckung des Firstes bei Eisenwellblech

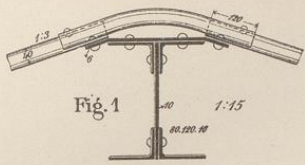


Fig. 1

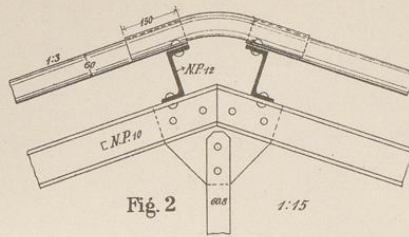


Fig. 2

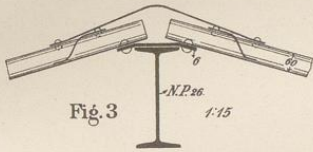


Fig. 3

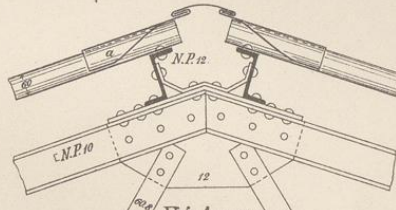


Fig. 4 1:15  
Bahnhof Hildesheim

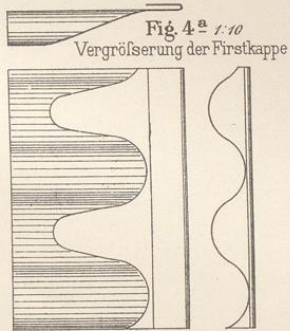


Fig. 4<sup>a</sup> 1:10  
Vergrößerung der Firstkappe

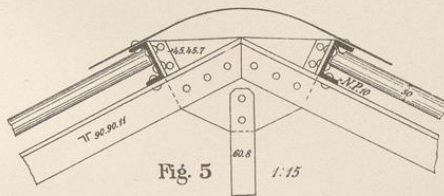


Fig. 5 1:15

Werkstätte Leinhausen

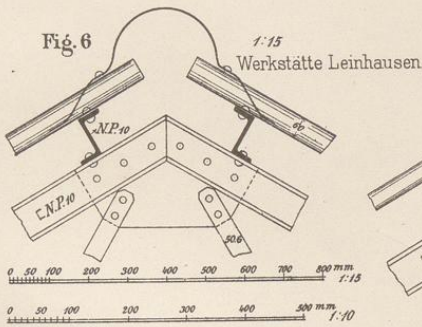


Fig. 6

1:15  
Werkstätte Leinhausen

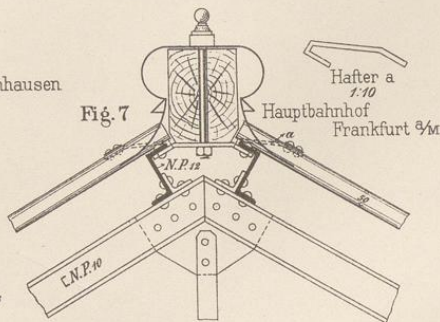
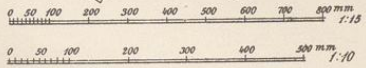


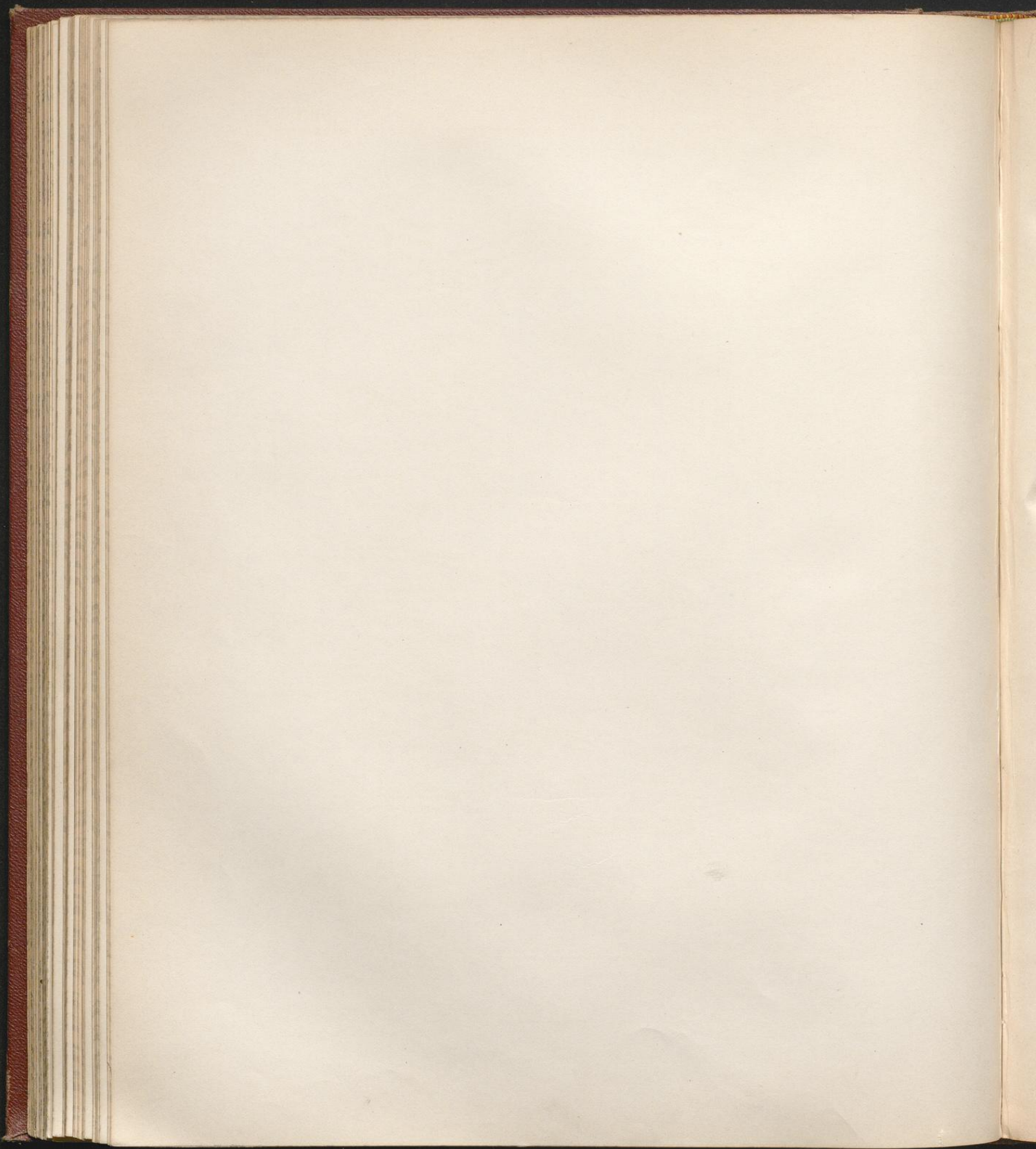
Fig. 7

1:10  
Haften a  
Hauptbahnhof  
Frankfurt a/M.

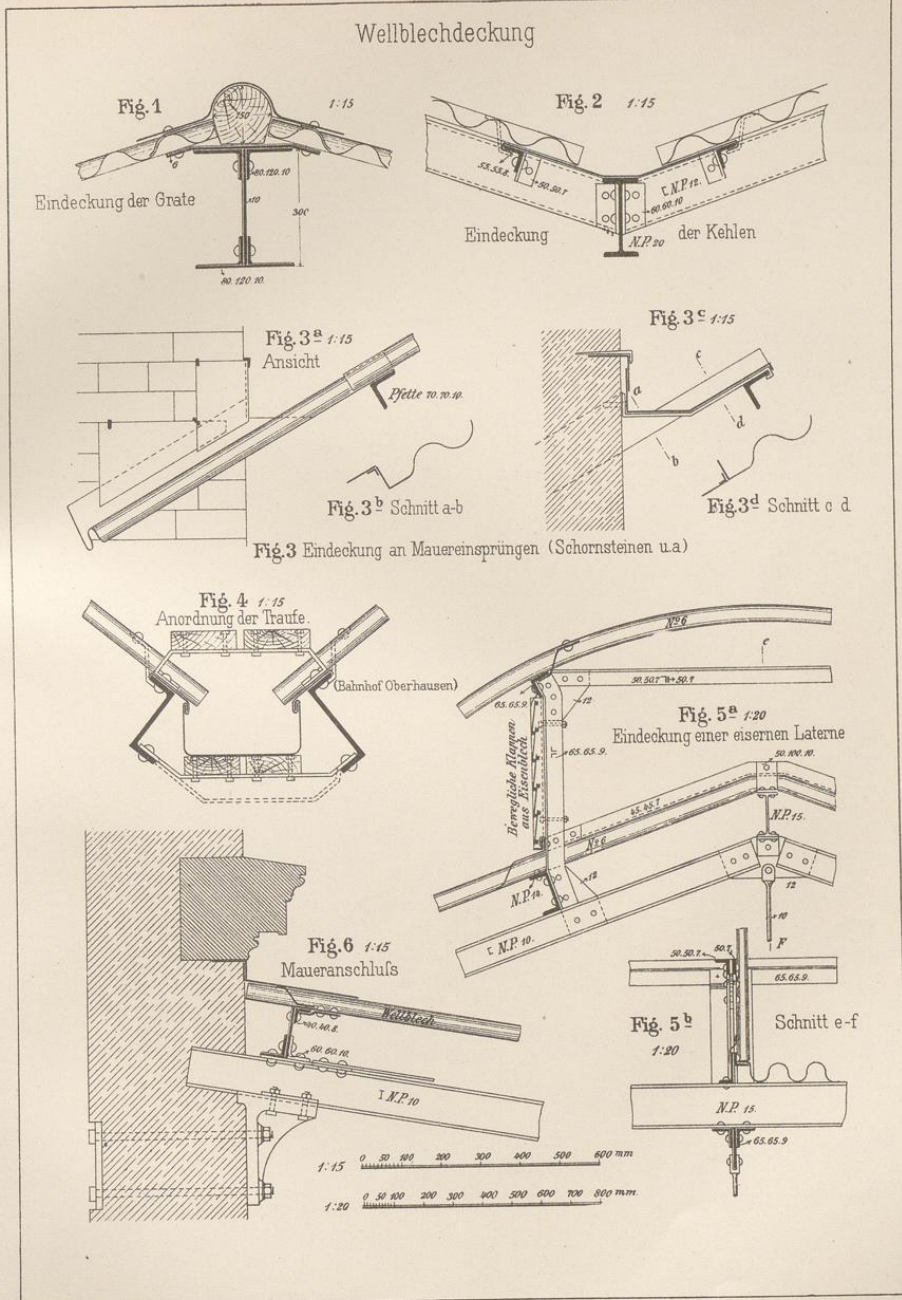


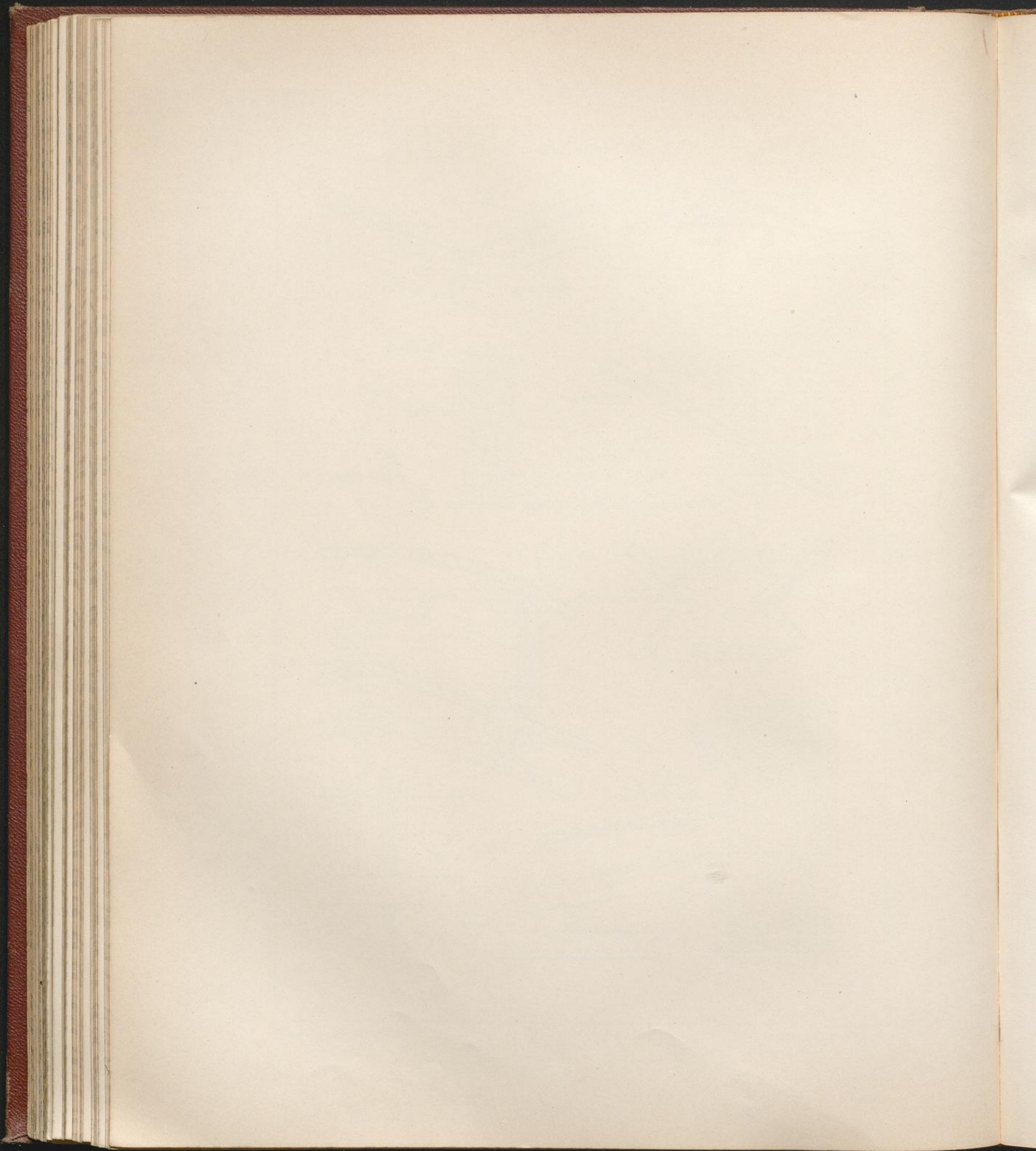




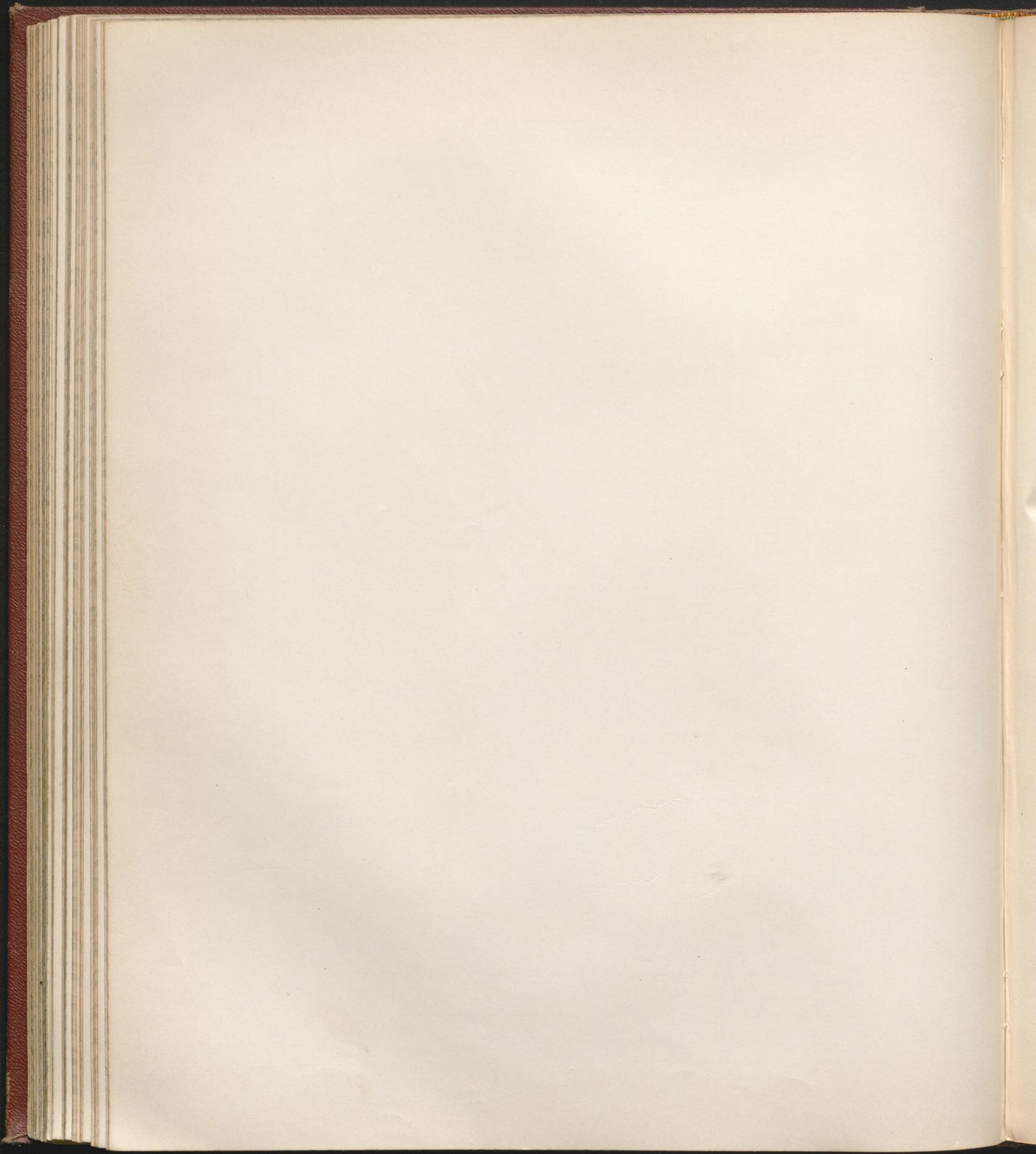


Wellblechdeckung

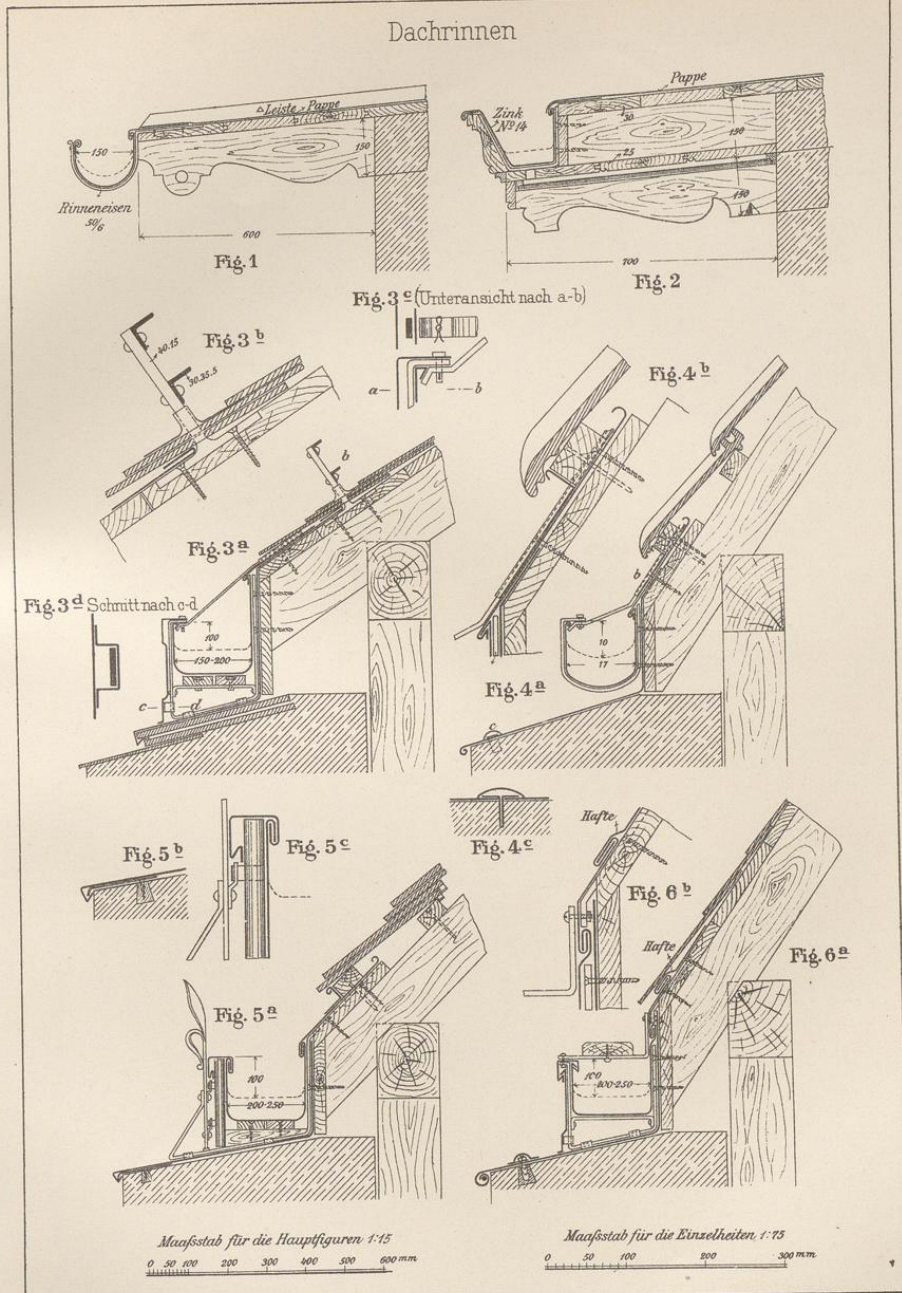


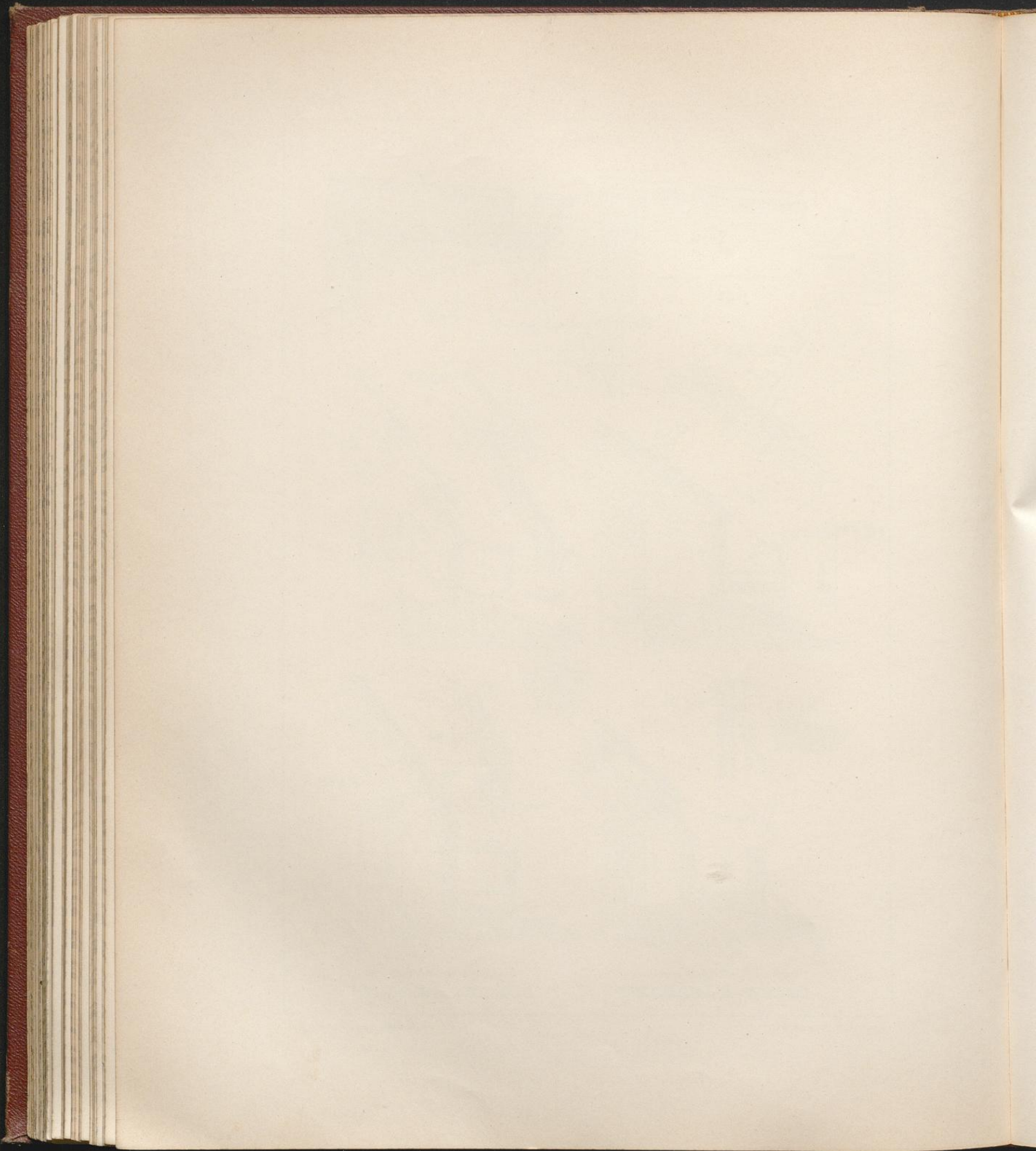






Dachrinnen

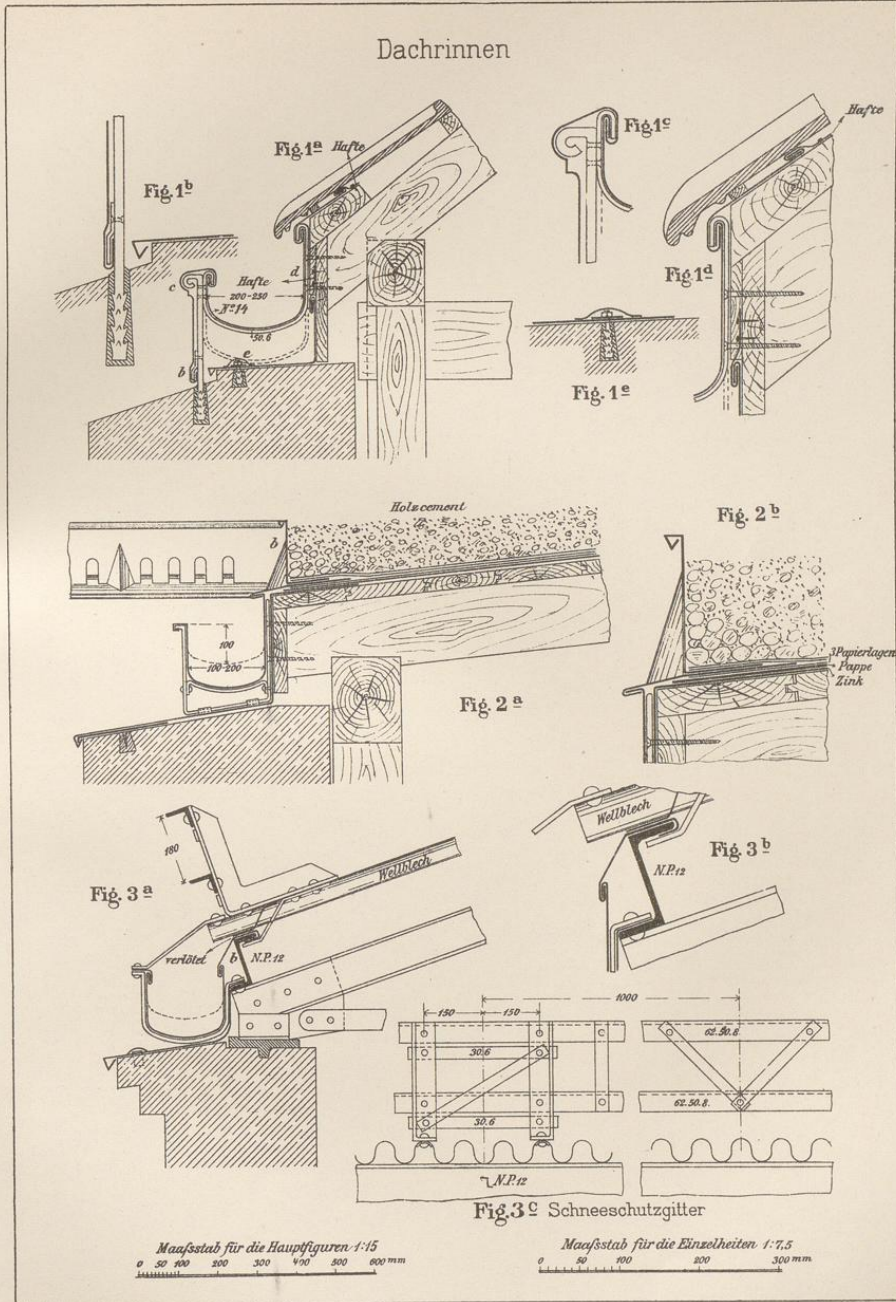








Dachrinnen

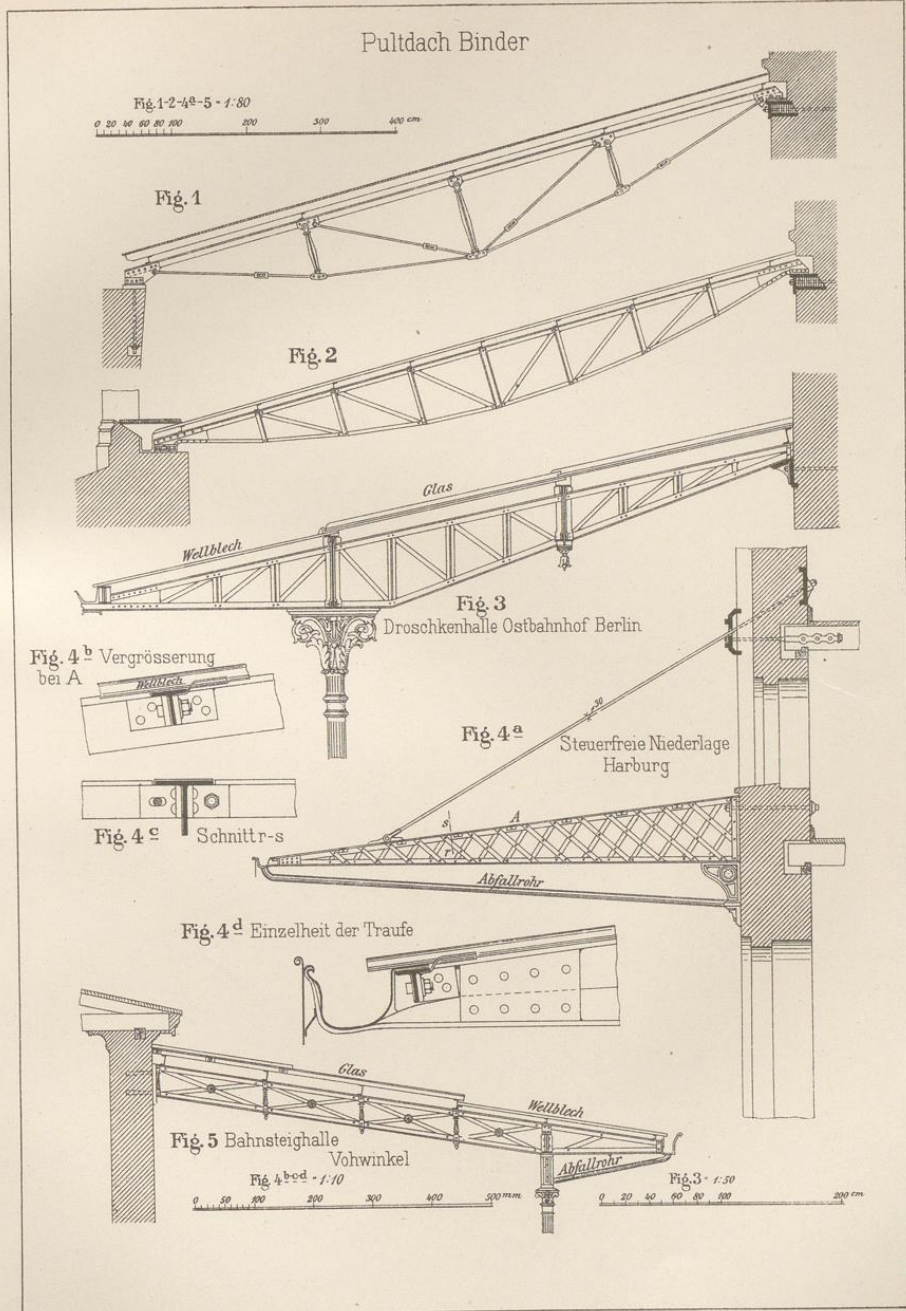








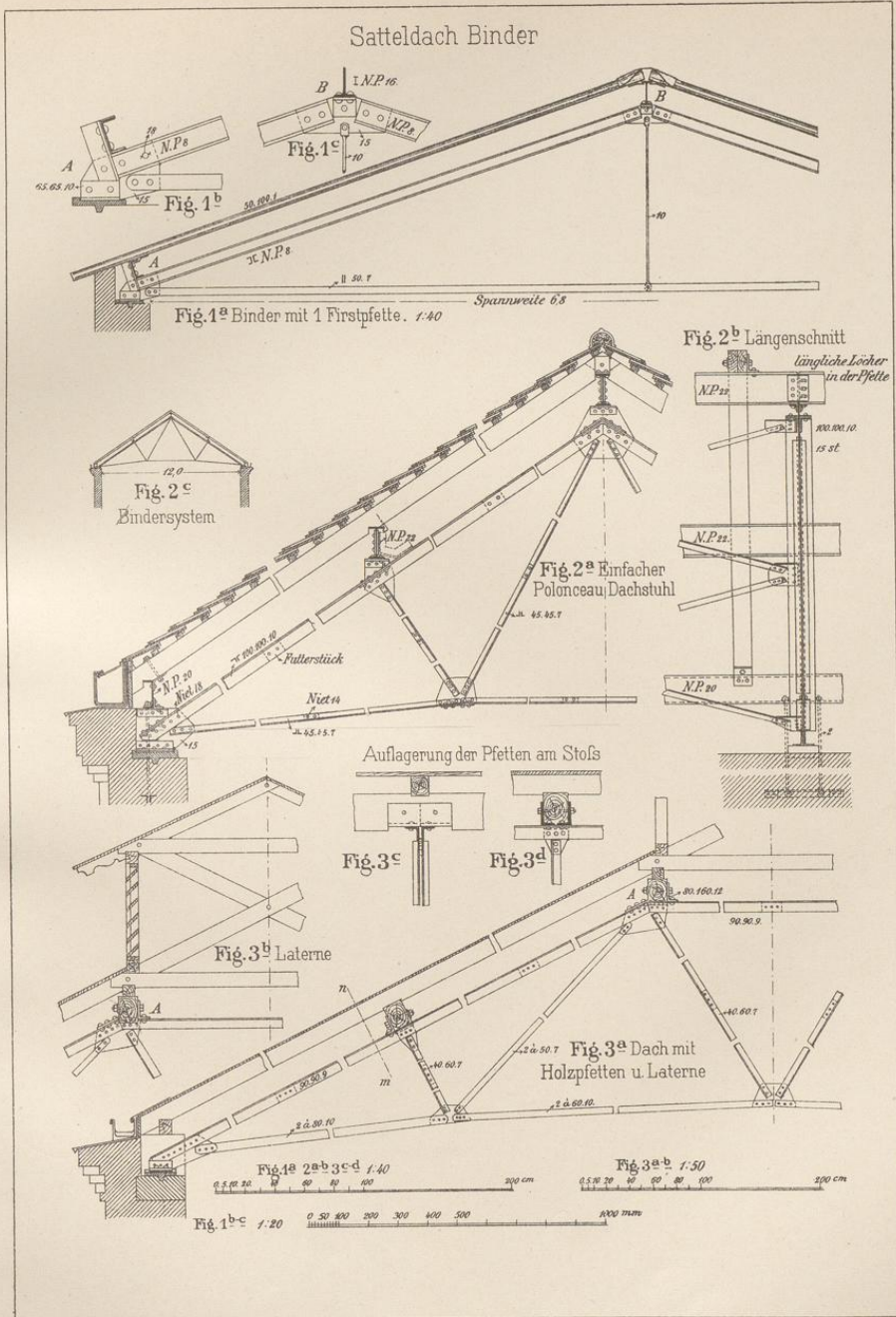
Pulldach Binder

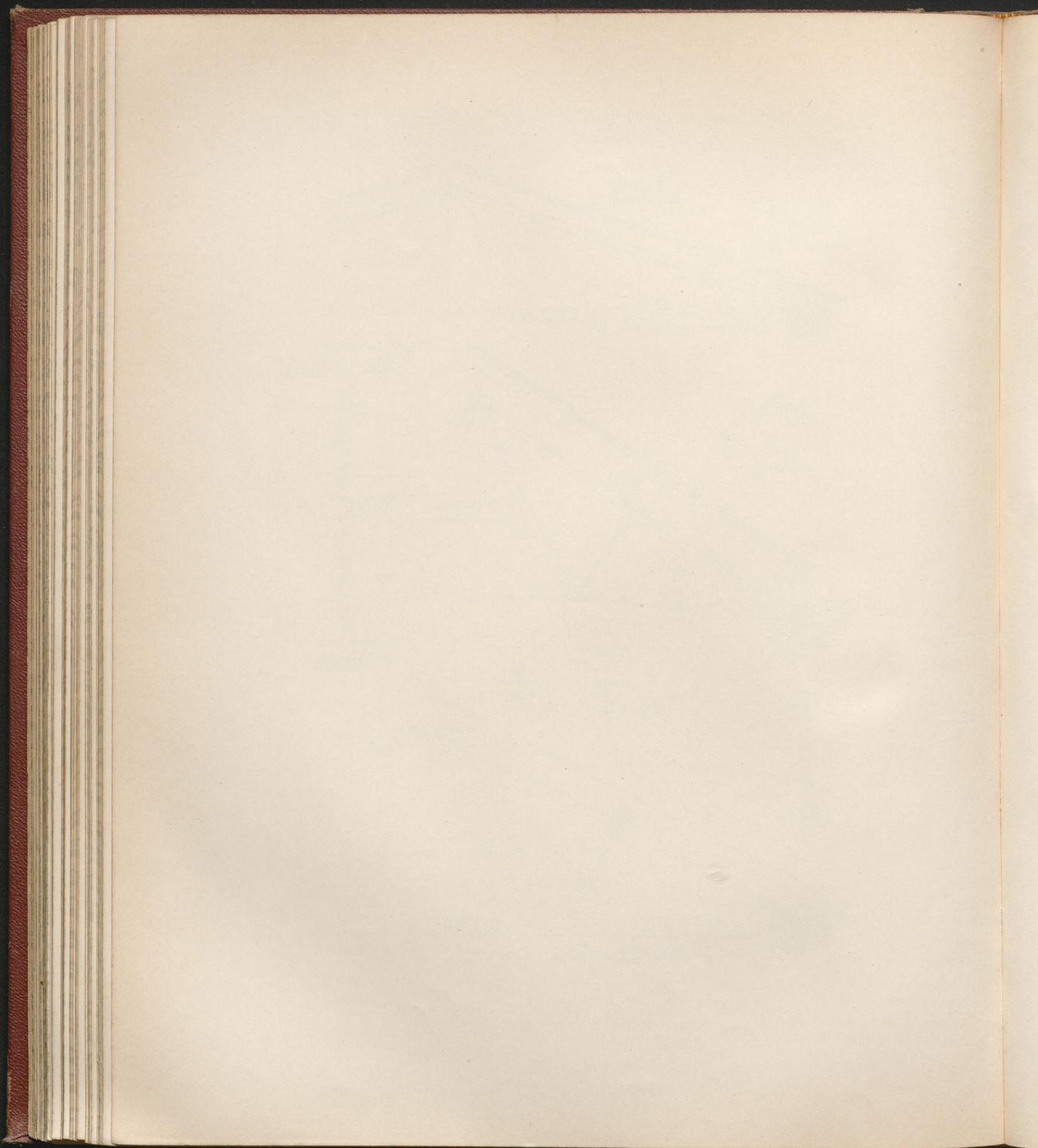






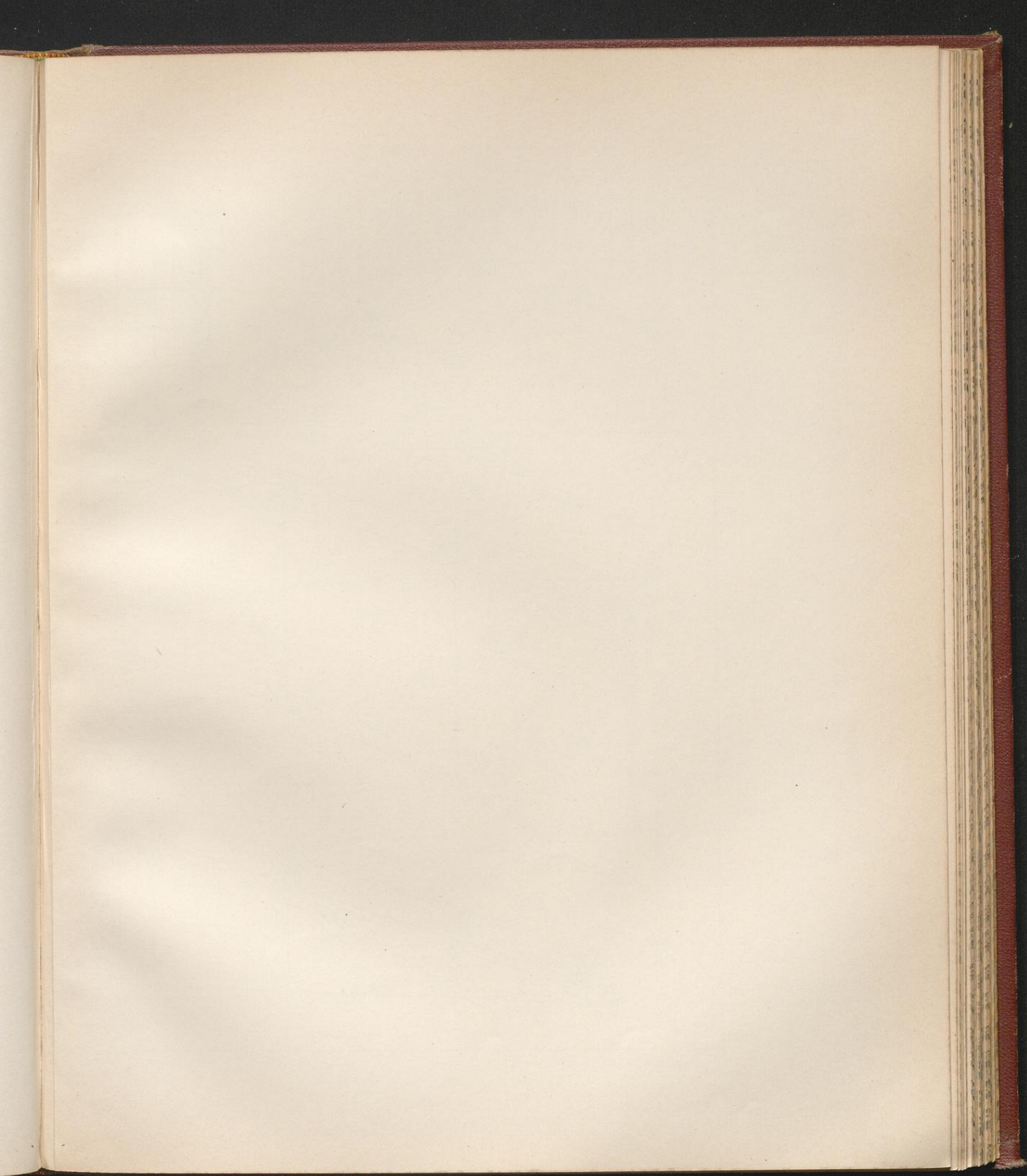




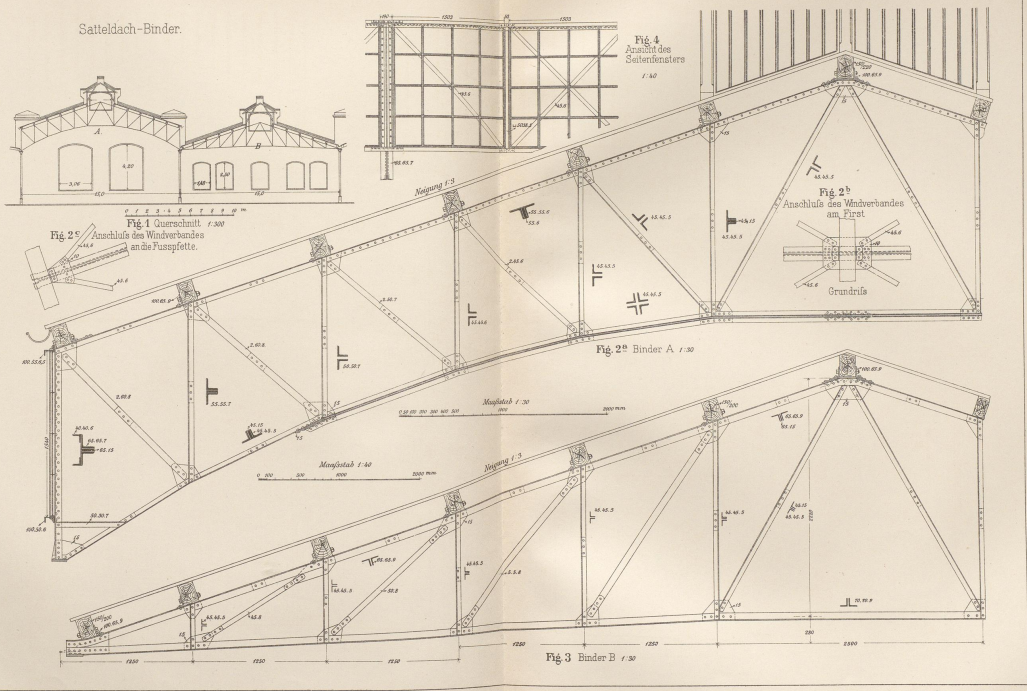




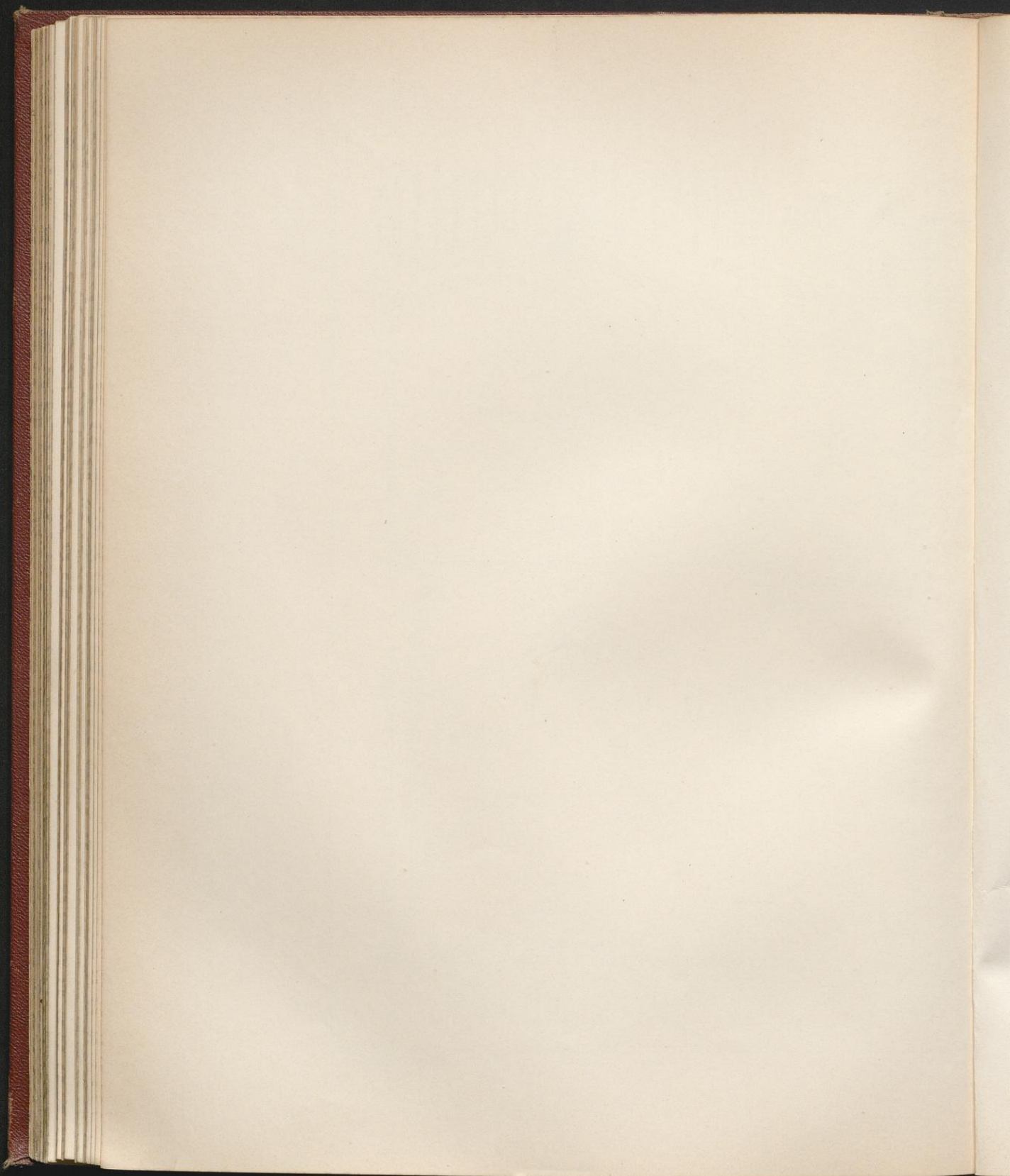




Satteldach-Binder.



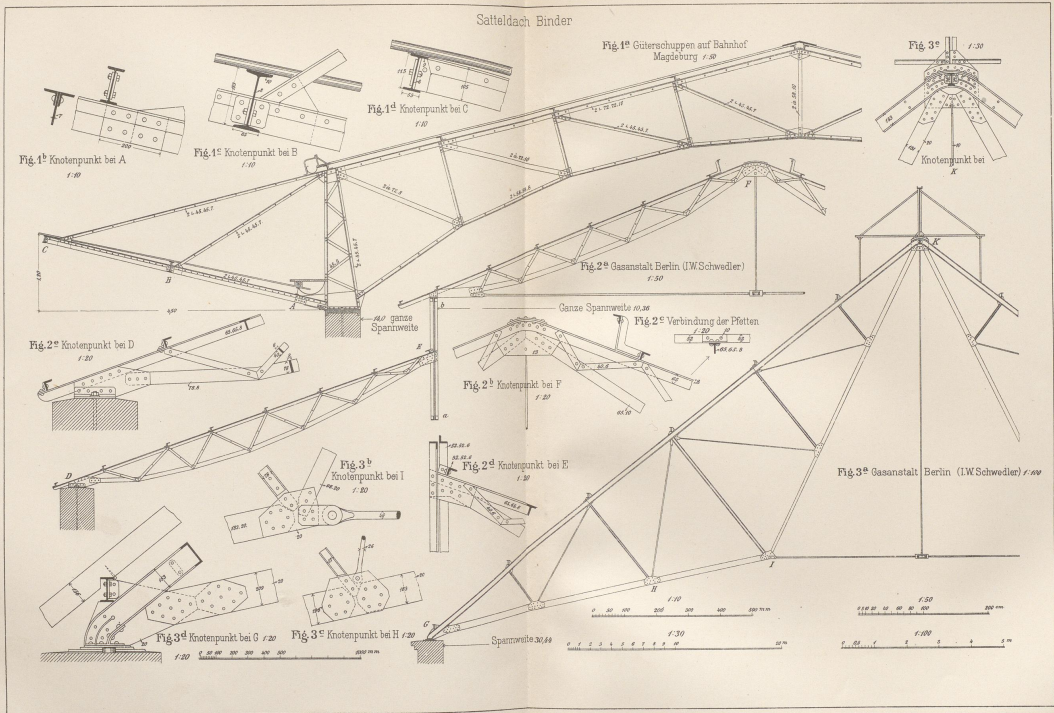








Satteldach Binder

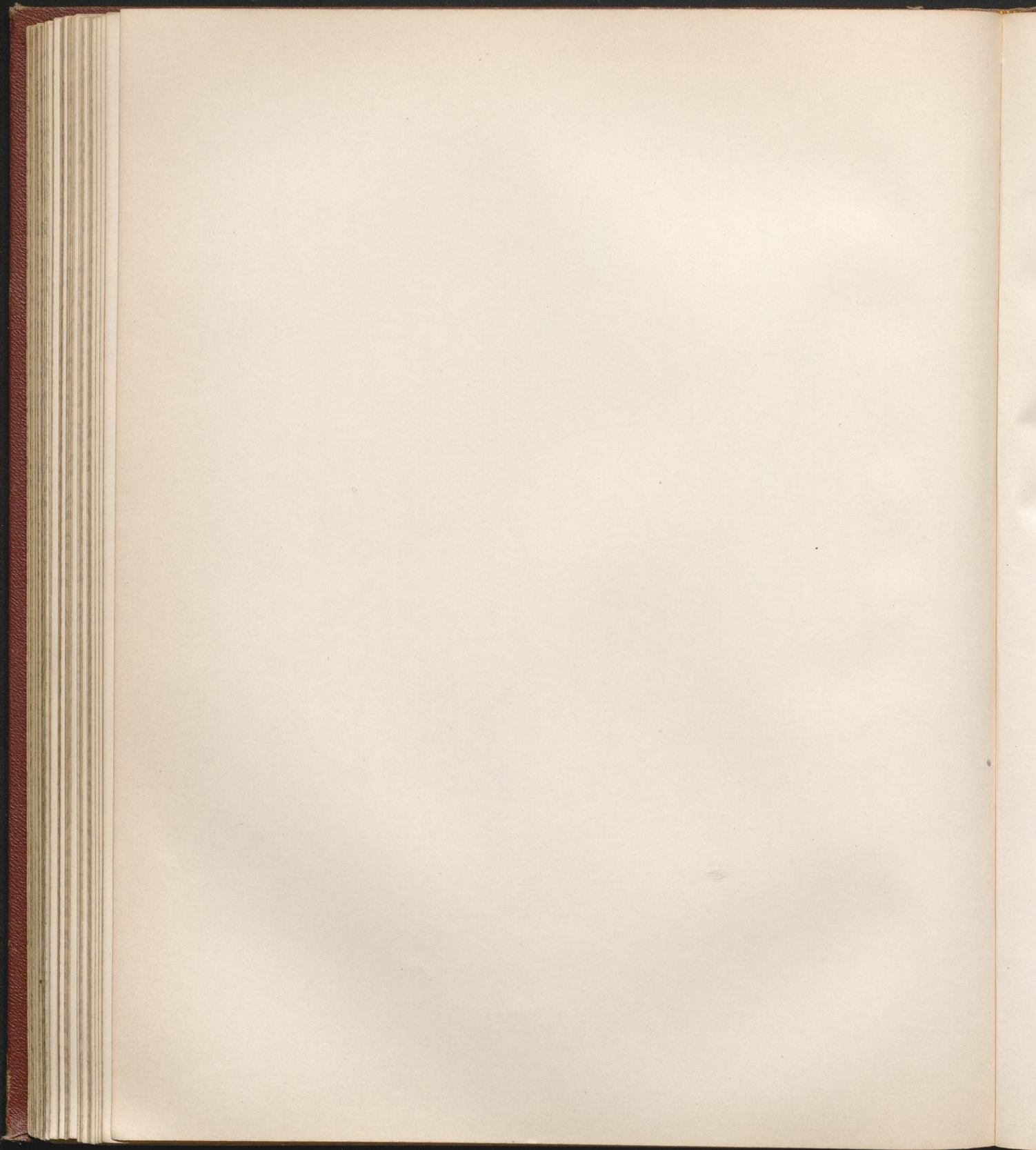
















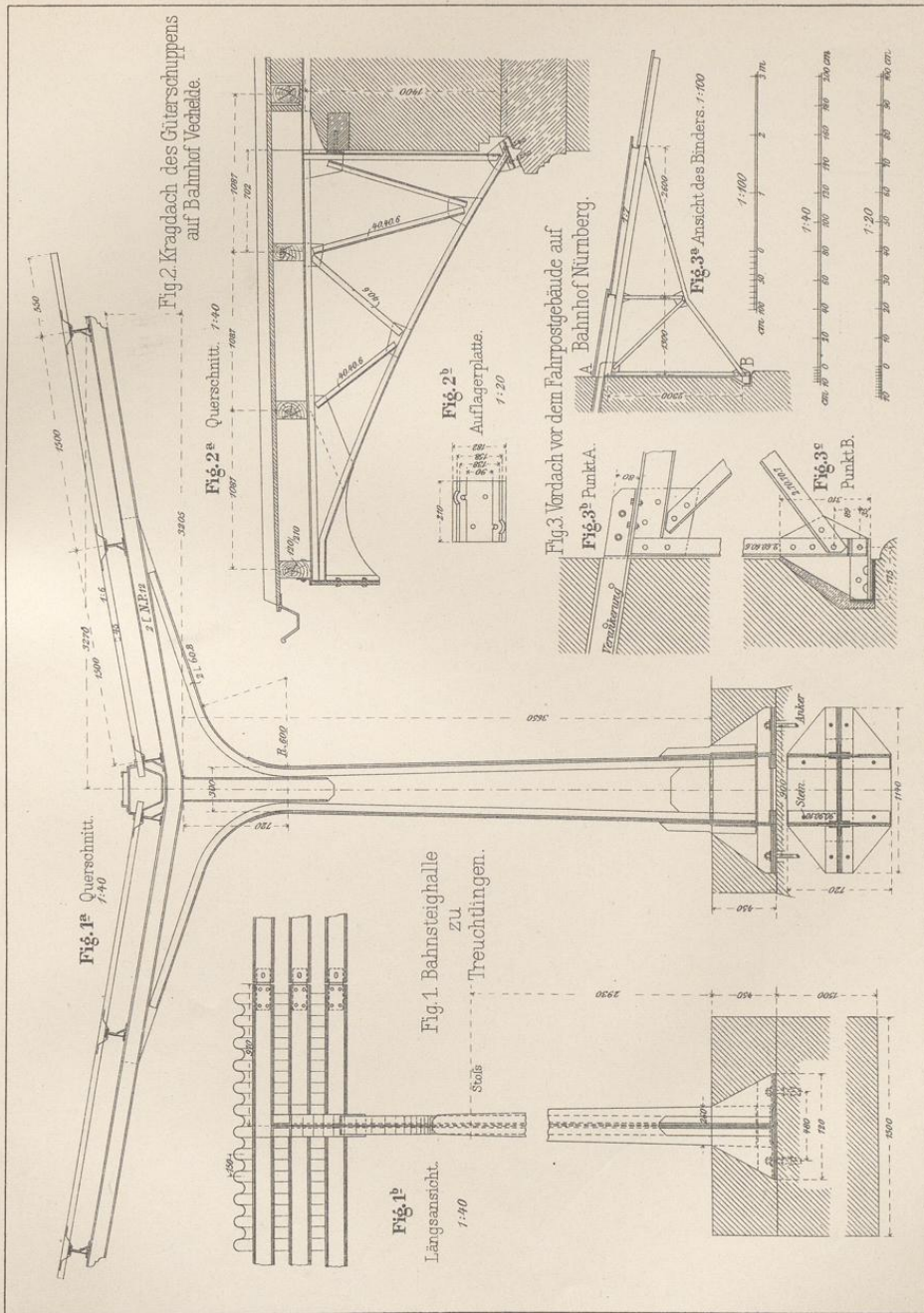
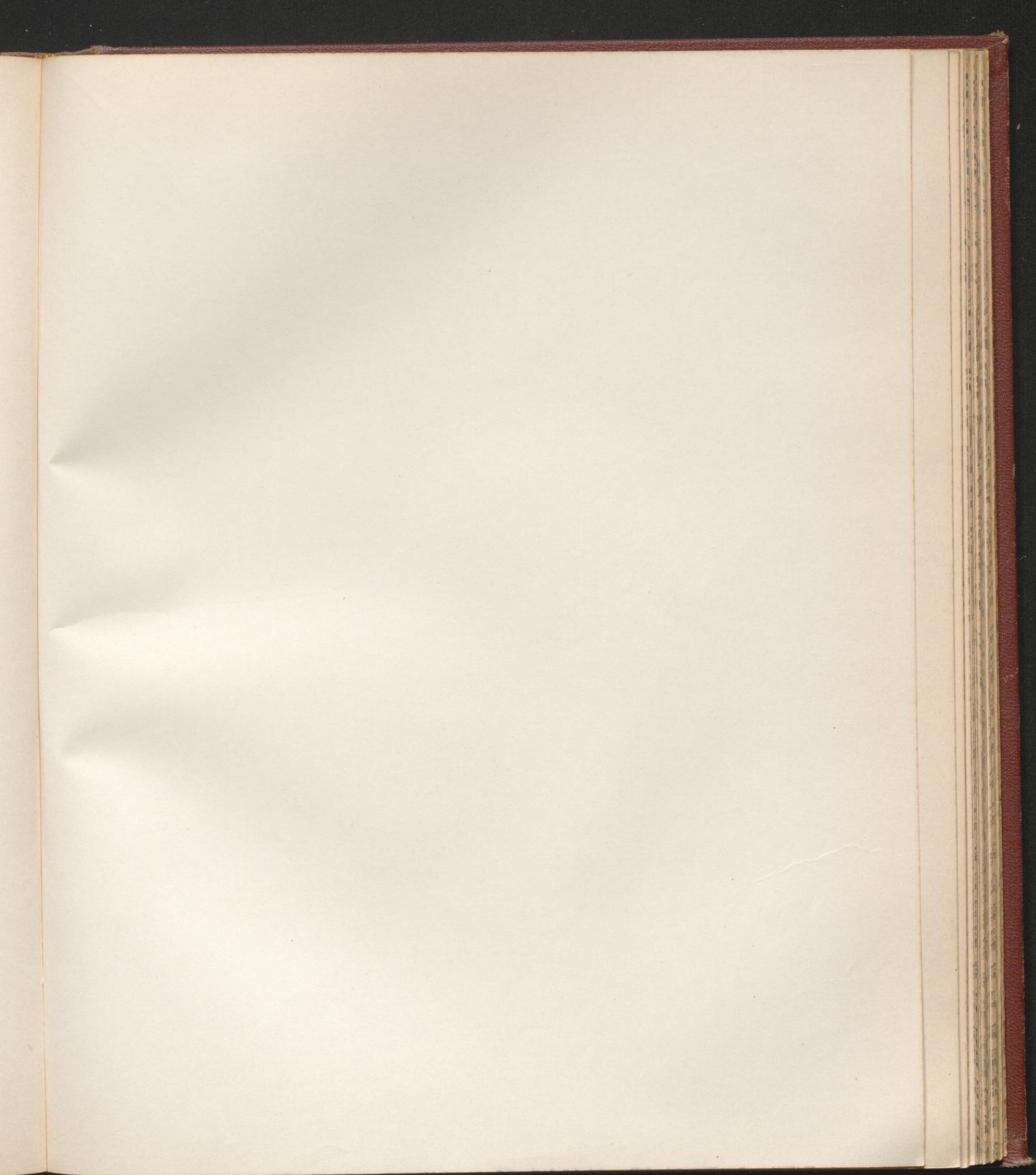


Fig. 1. Bahnsteighalle  
zu  
Treichlingen.









Halle des Bahnhofes Altstadt zu Dresden.

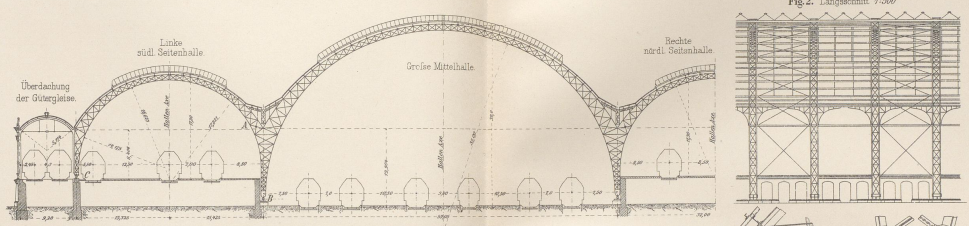


Fig. 1. Querschnitt 1:500

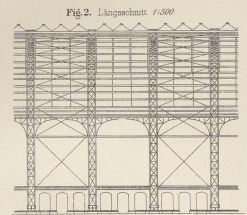


Fig. 2. Längsschnitt 1:500

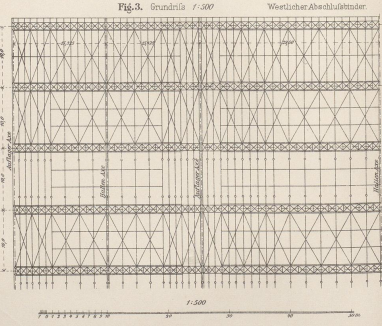


Fig. 3. Grundriß 1:500

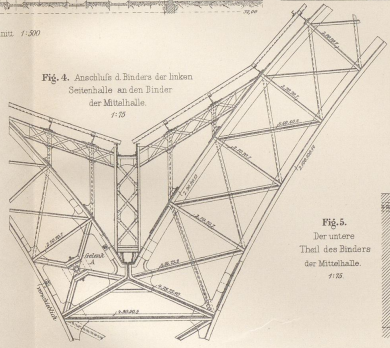


Fig. 4. Anschluß d. Binders der linken Seitenhalle an den Binder der Mittelhalle 1:25

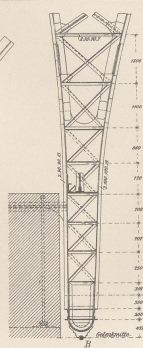
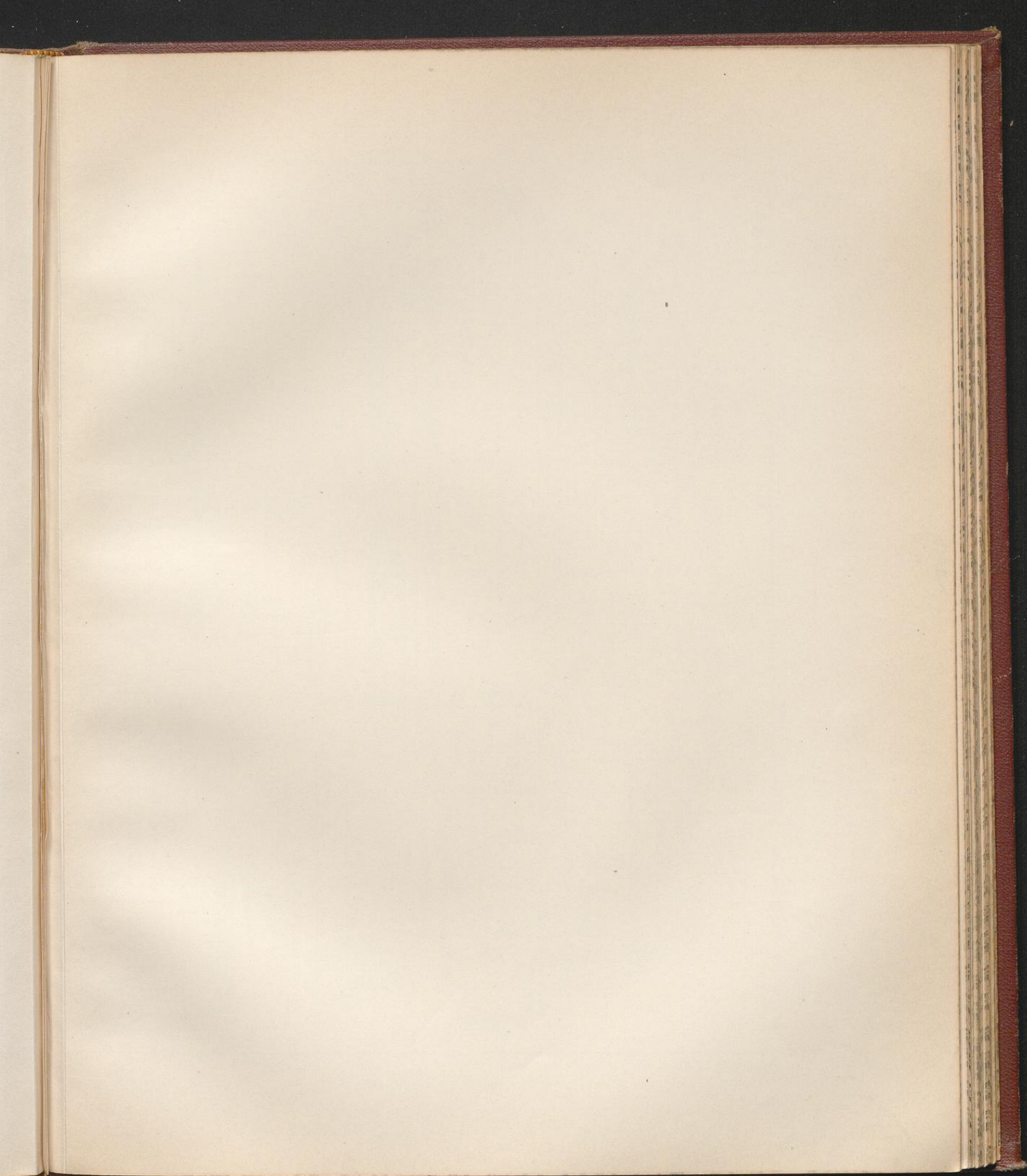


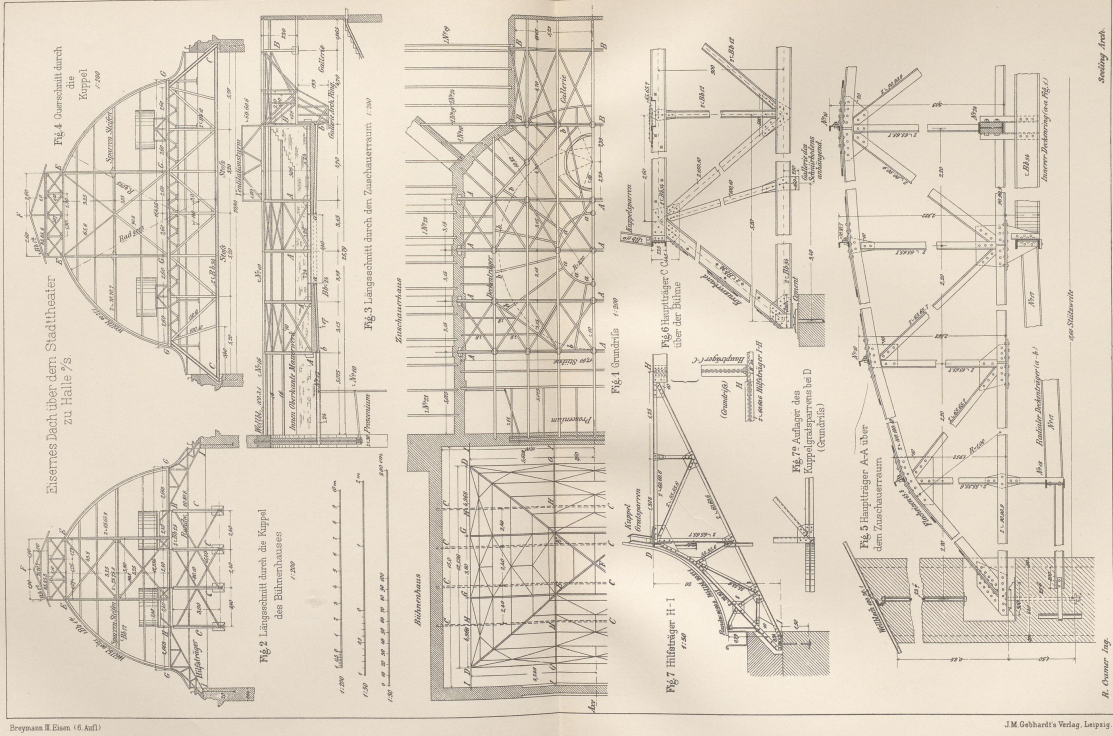
Fig. 5. Der untere Teil des Binders der Mittelhalle 1:25











Beymann & Eisen (6. Aufl.)

J.M. Gebhardt's Verlag, Leipzig

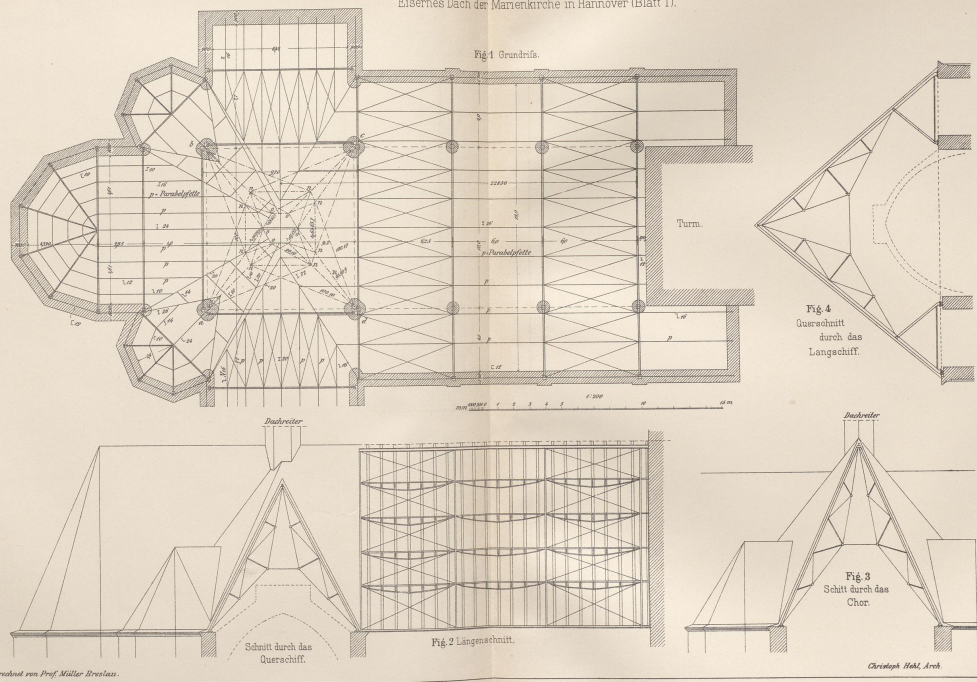








Eisernes Dach der Marienkirche in Hannover (Blatt 1).



Berechnet von Prof. Müller-Breslau.  
Beymann & Eisen (6 Aufl.)

Christoph Hahl, Arch.  
J.M. Gebhardt's Verlag, Leipzig

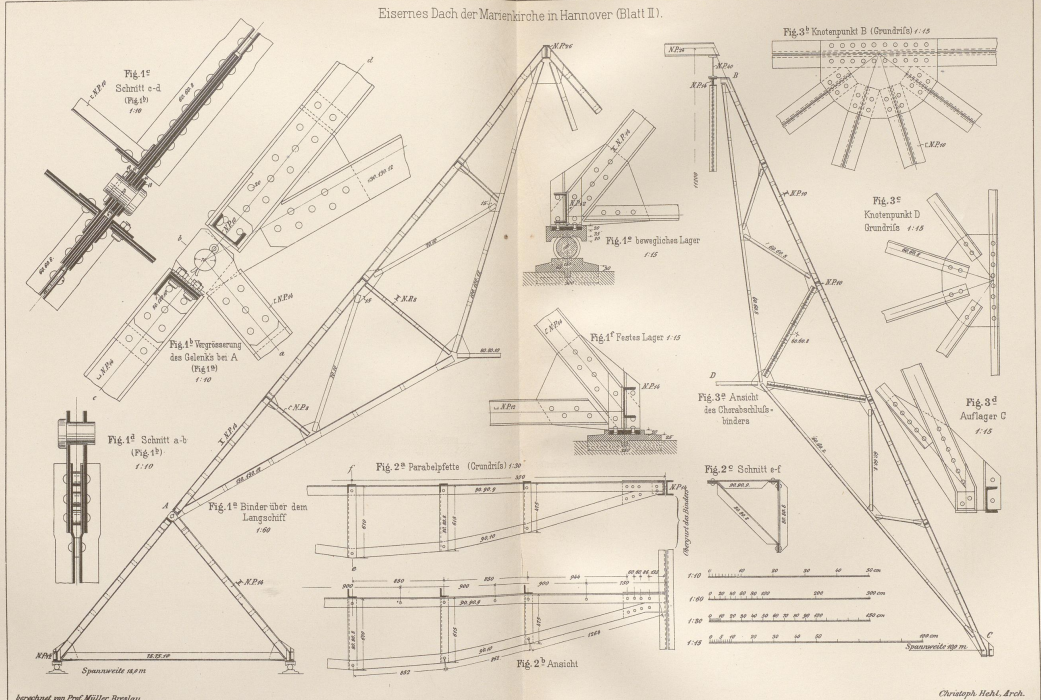








Eisernes Dach der Marienkirche in Hannover (Blatt II).



Entworfen von Prof. Müller-Breslau.  
Beymann & Eisen. (G. Aufl.)

Christoph. Hehl, Arch.  
J.M. Gebhardt's Verlag, Leipzig

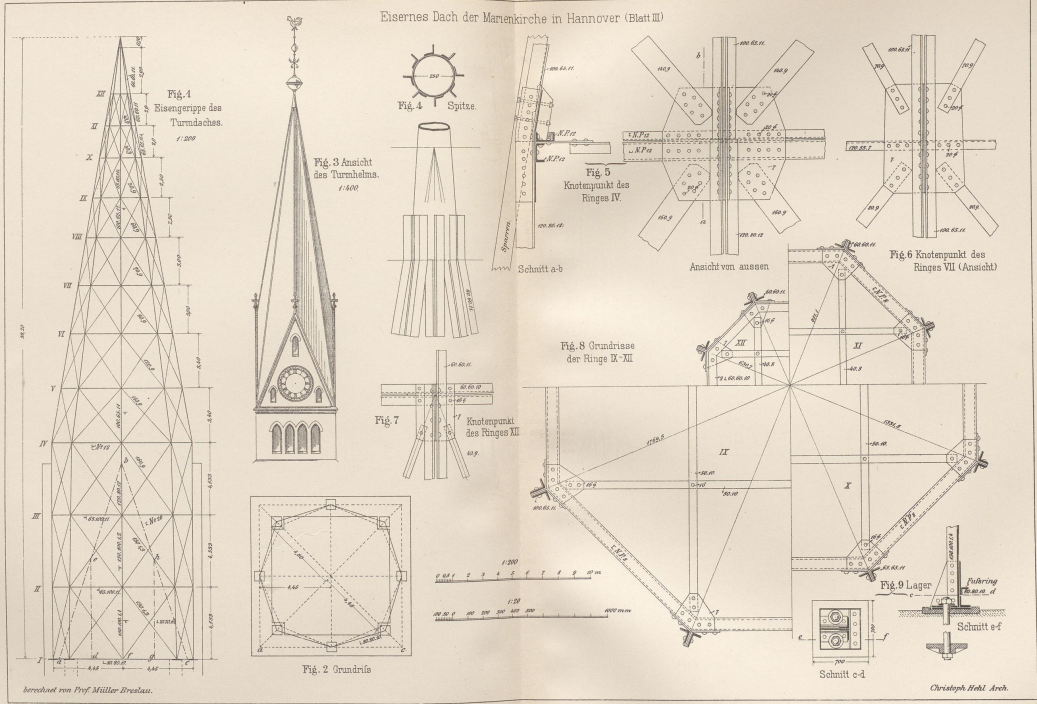








Eisernes Dach der Marienkirche in Hannover (Blatt II)



Berechnet von Prof. Müller Brunsau.

Breymann II Eisen 16. Aufl.

Christoph Hohl Arch.

J.M. Gebhardt's Verlag, Leipzig









Kuppel  
der neuen Kirche zu Berlin.

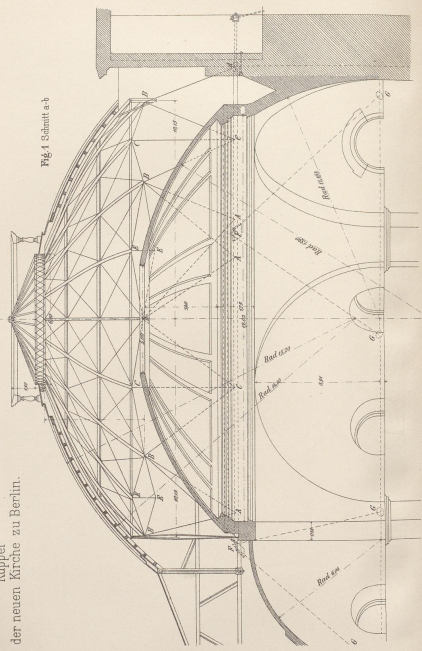


Fig. 1 Schnitt a-b

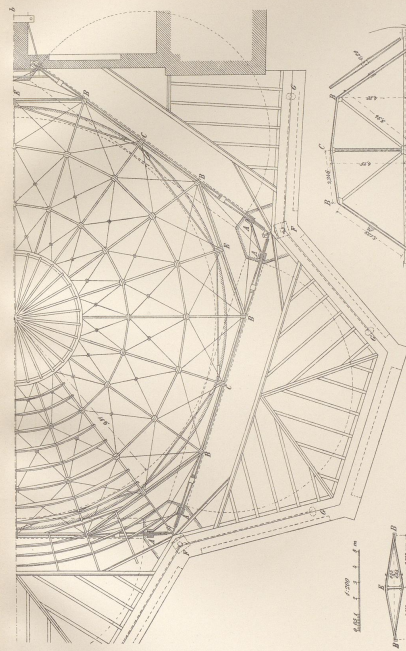


Fig. 2 Grundriss

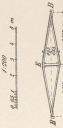


Fig. 4 Zwischenhangwerk

H. Ottmer Arch.



Fig. 3 Haupt-Hangwerk

v. A. Huth u. Harnisch, Arch.

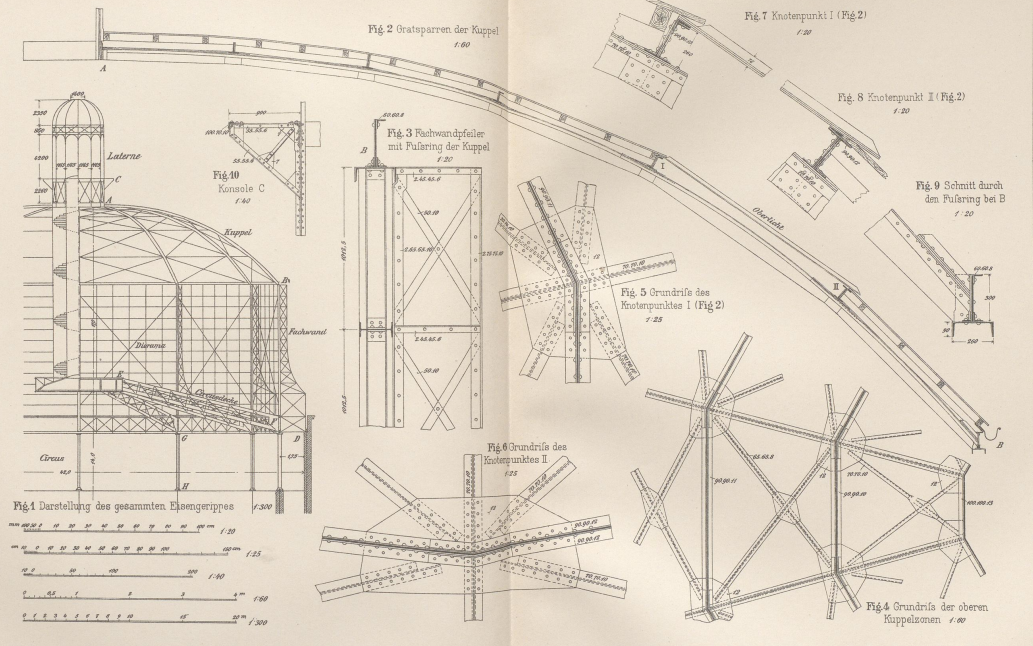






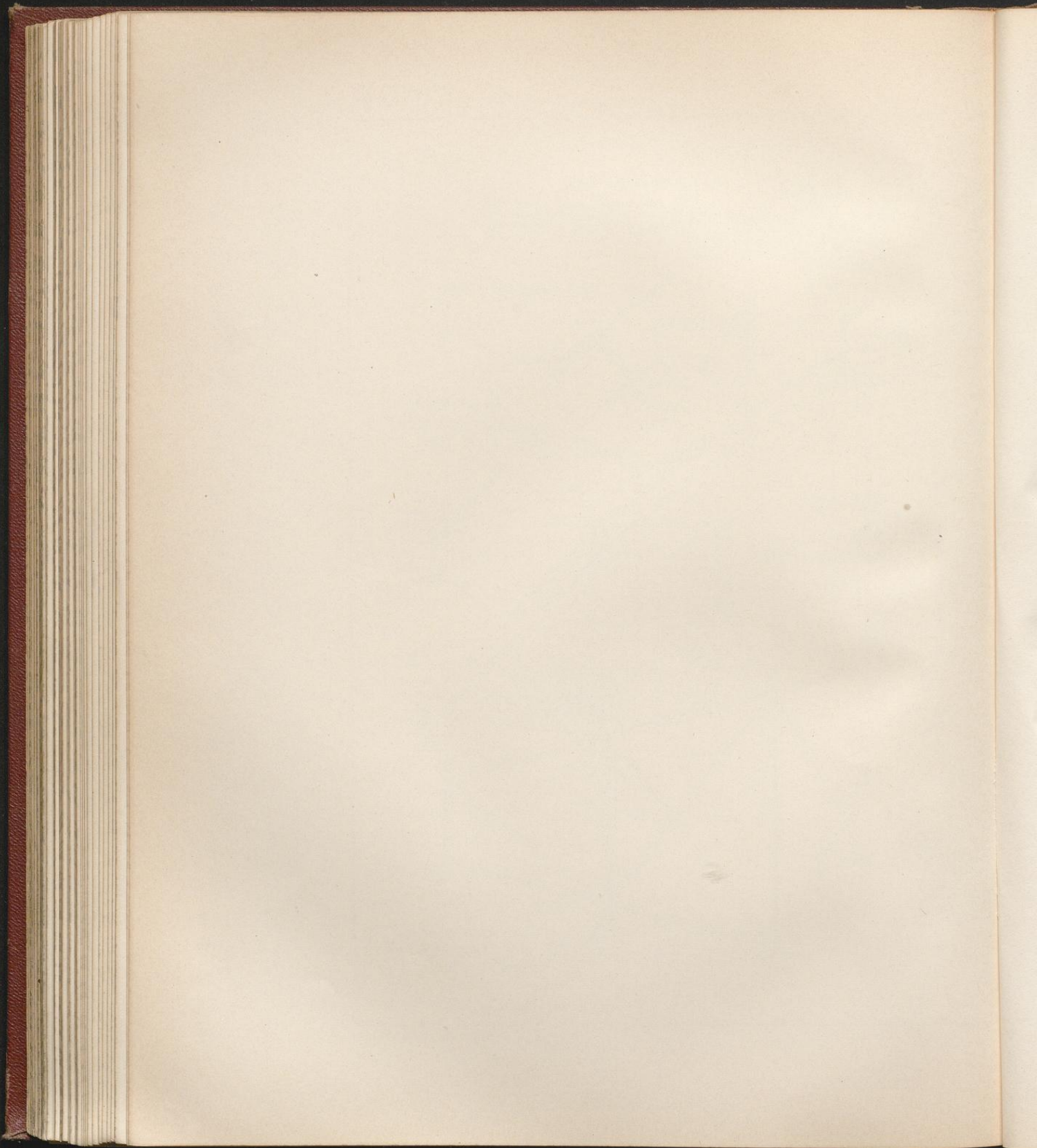


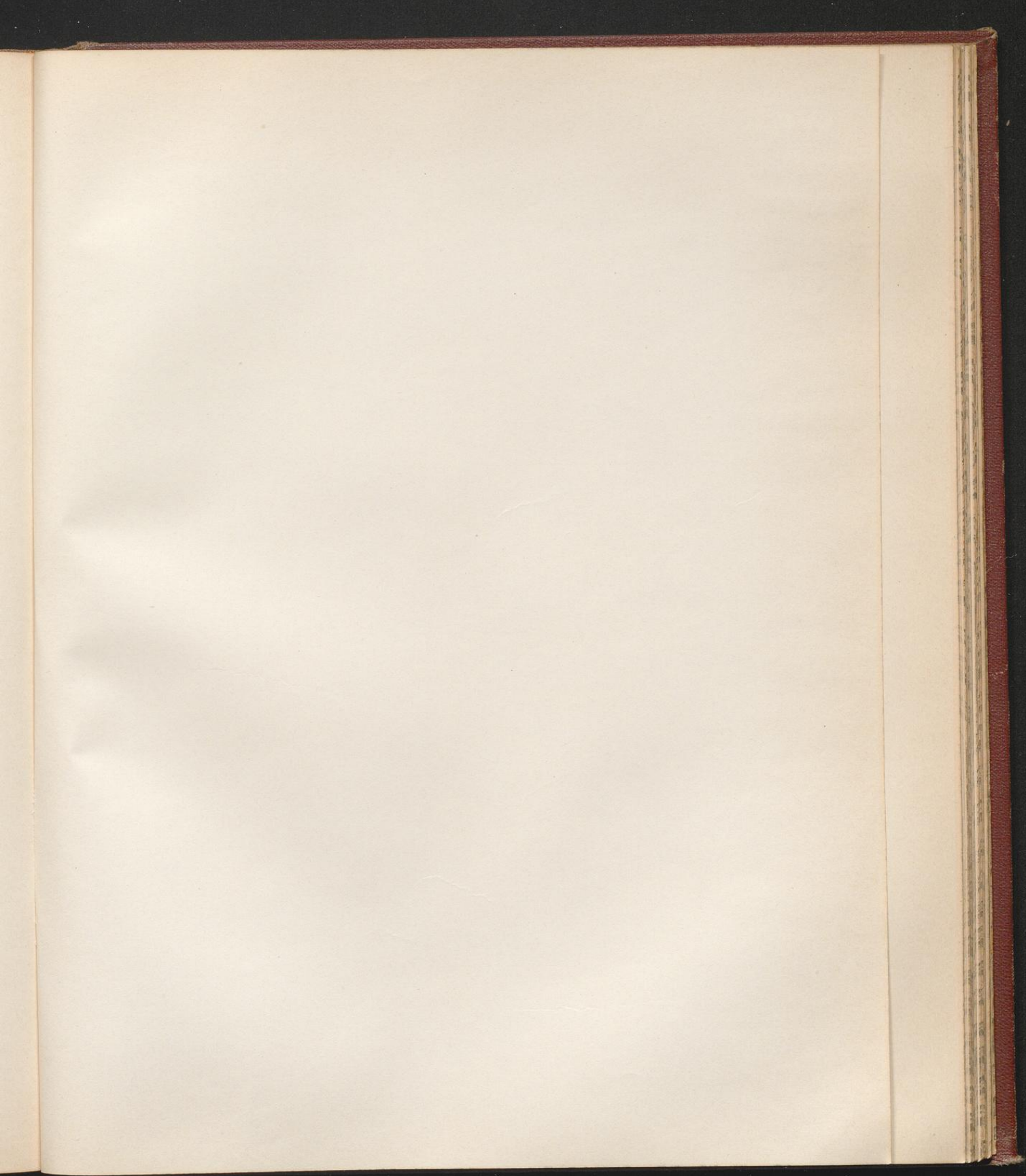
Alberthalle des Krystallpalastes in Leipzig Blatt I



Königin Marienhütte Cainsdorf's conste.  
Breyman II Eisen (6. Aufl.)

A. Rybbach Arch.  
J.M. Gebhardt's Verlag, Leipzig

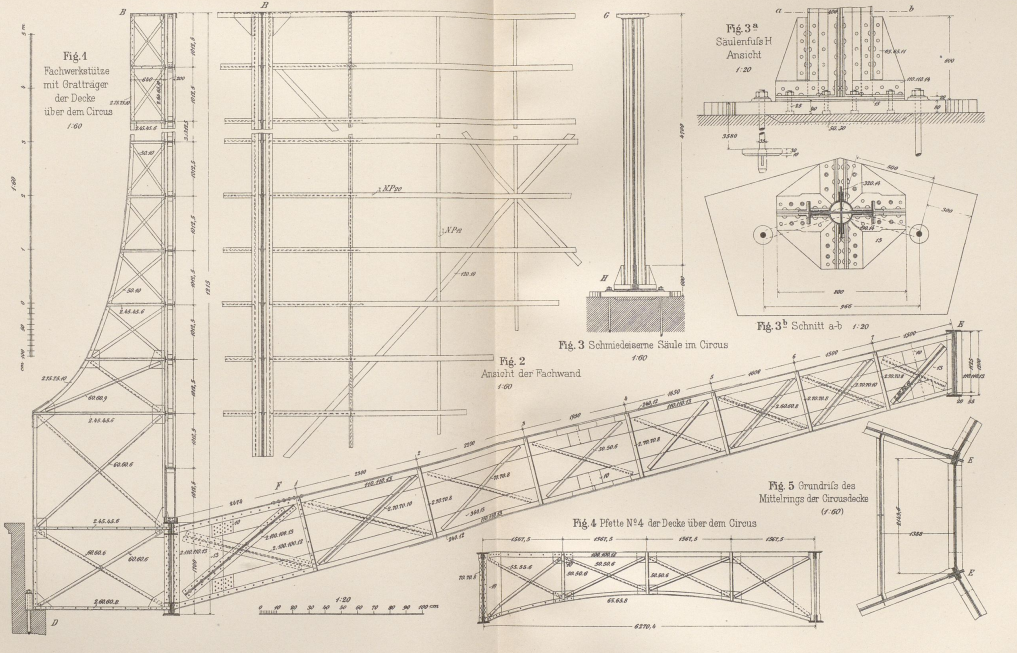








Aberthale des Krystalpalastes in Leipzig. Blatt II.

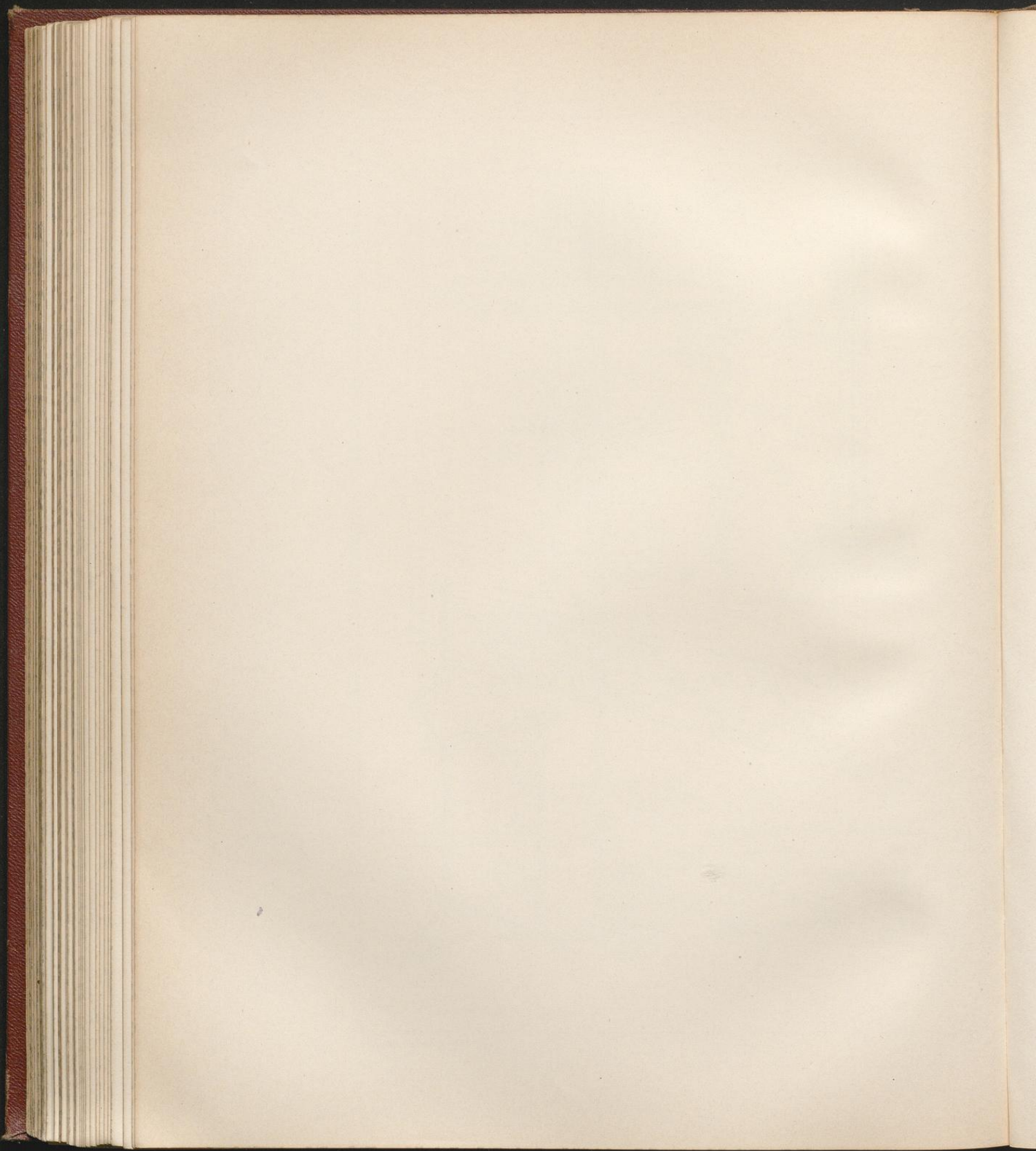


Königin Marien Hütte Canadort 1/2, conatr.

A. Hübner Arch.

Dreyman & Eisen (6. Aufl.)

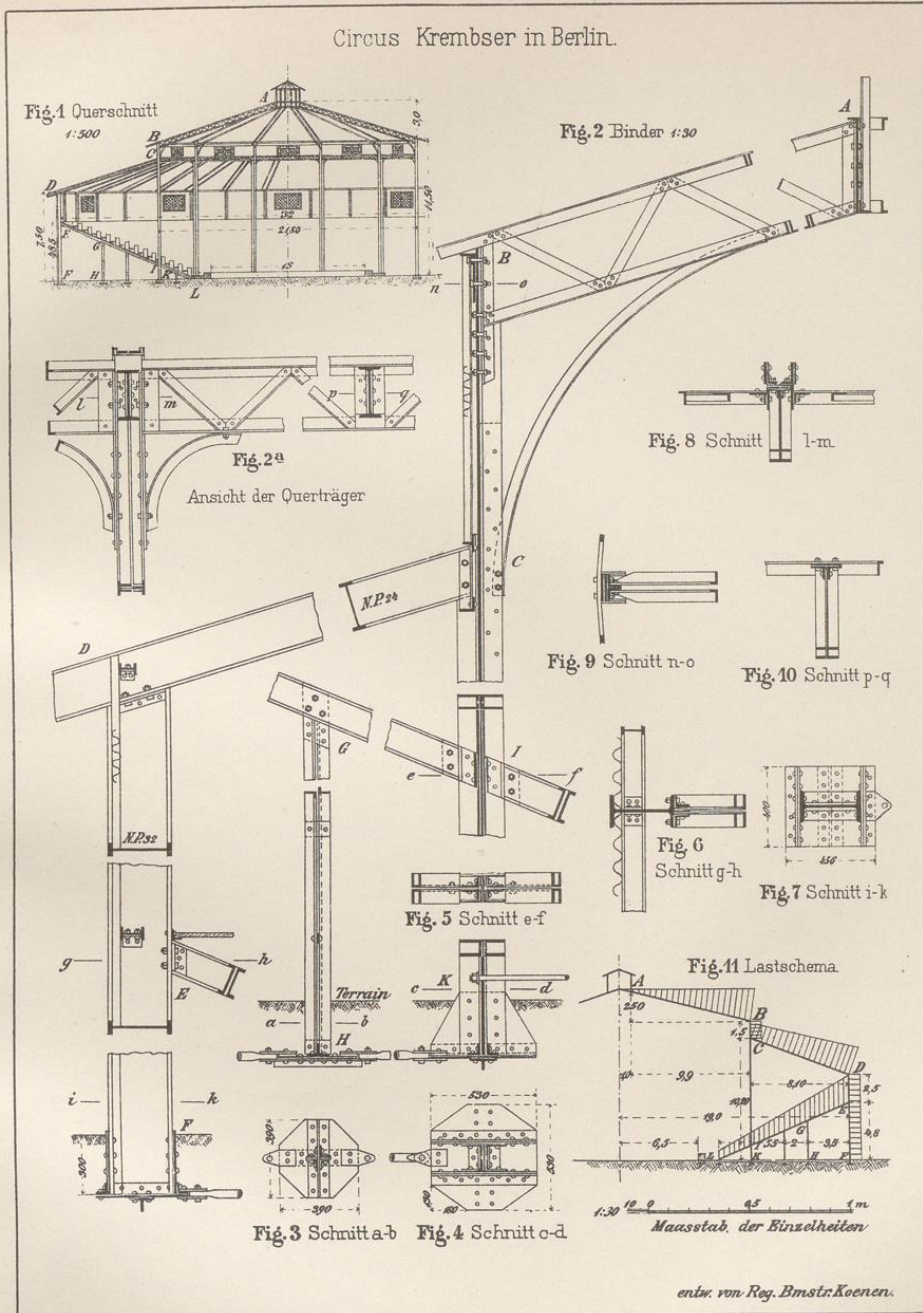
J.M. Gebhardt's Verlag, Leipzig.



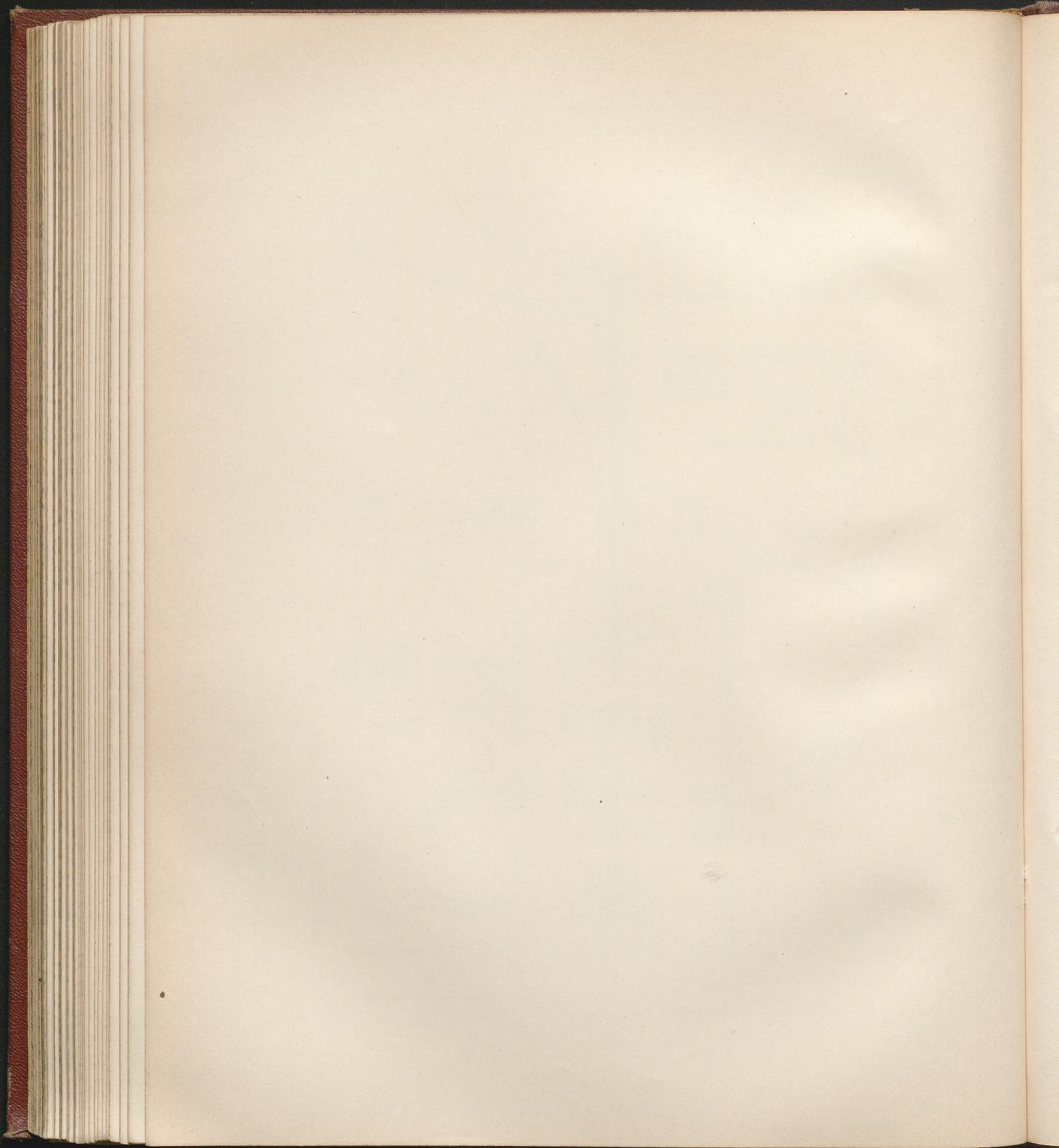


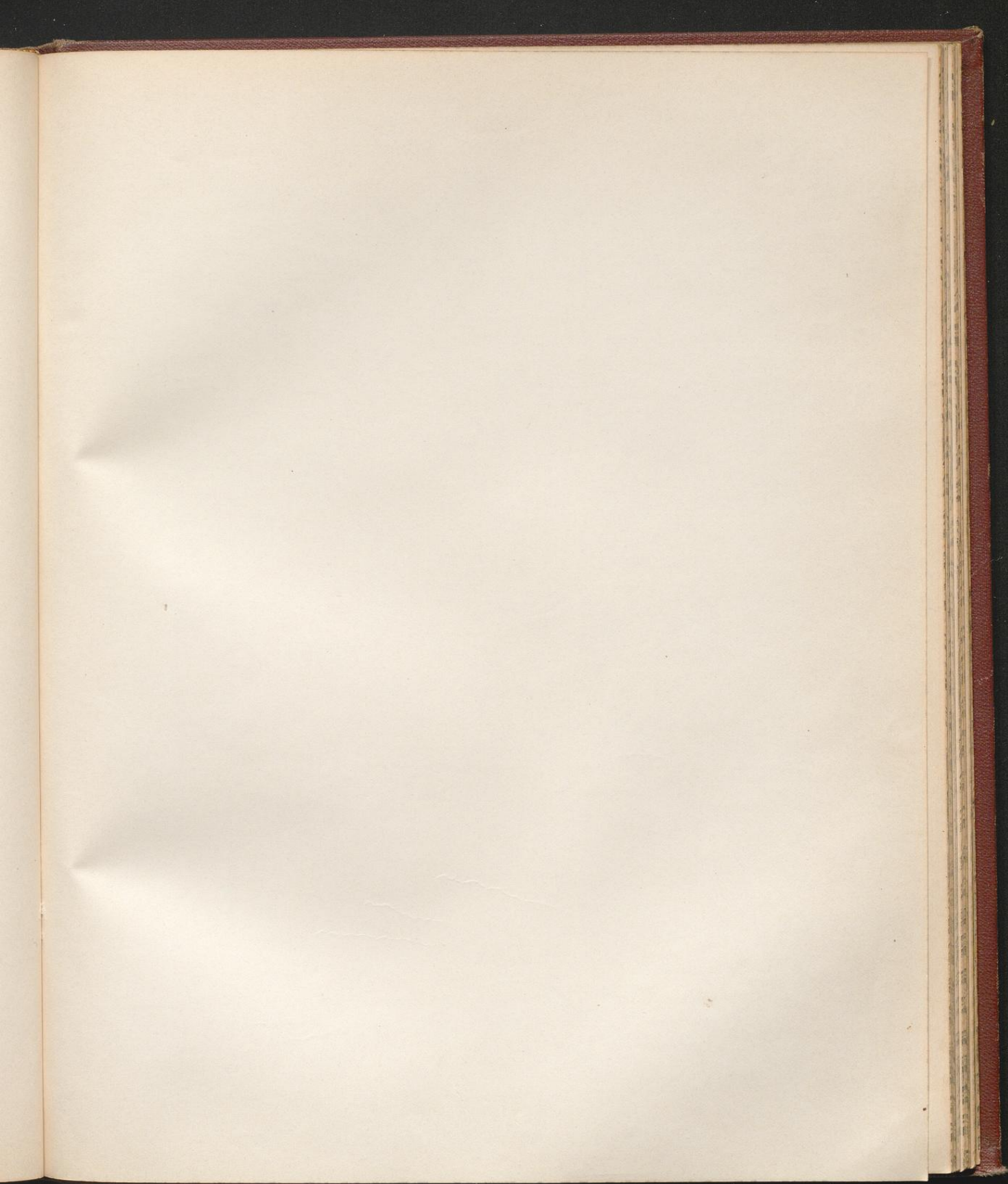


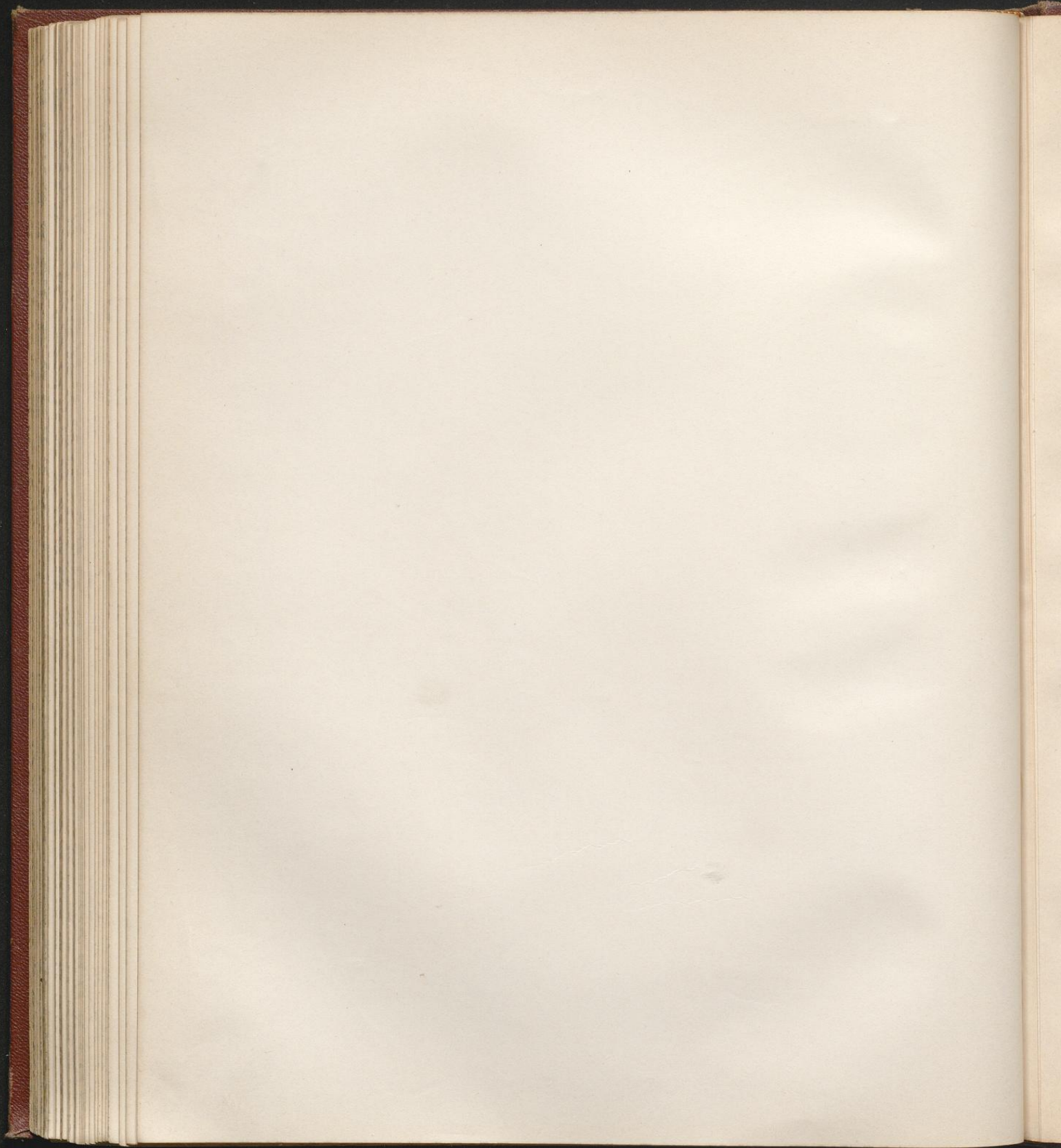
Circus Krembsler in Berlin.



entw. von Reg. Bmstr. Koenen.

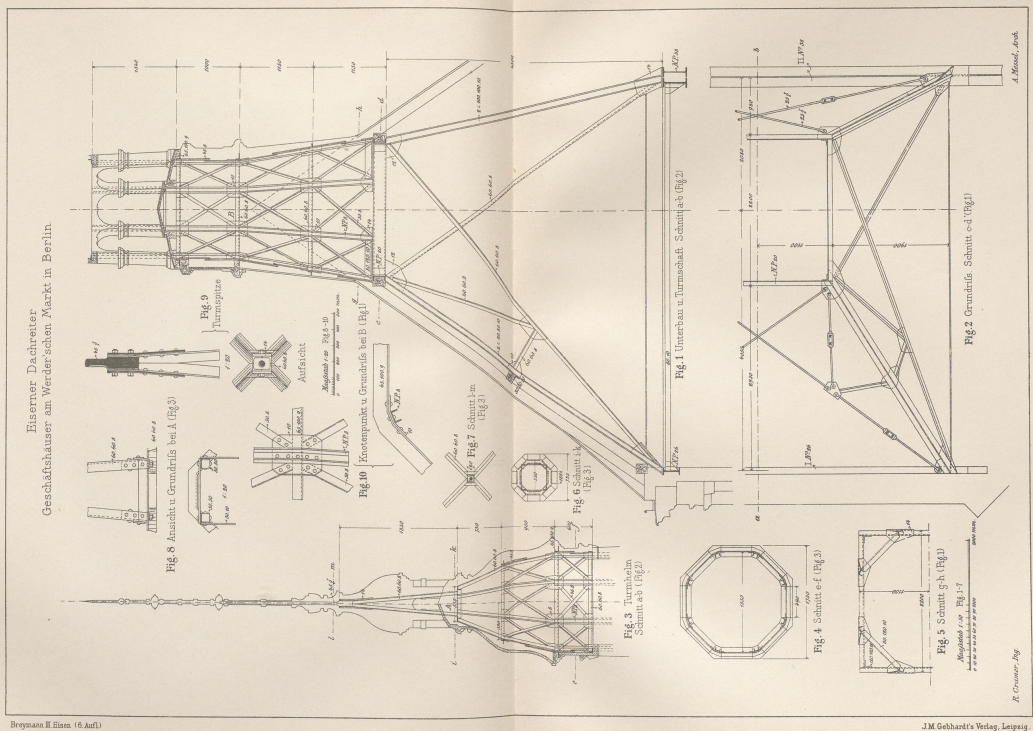








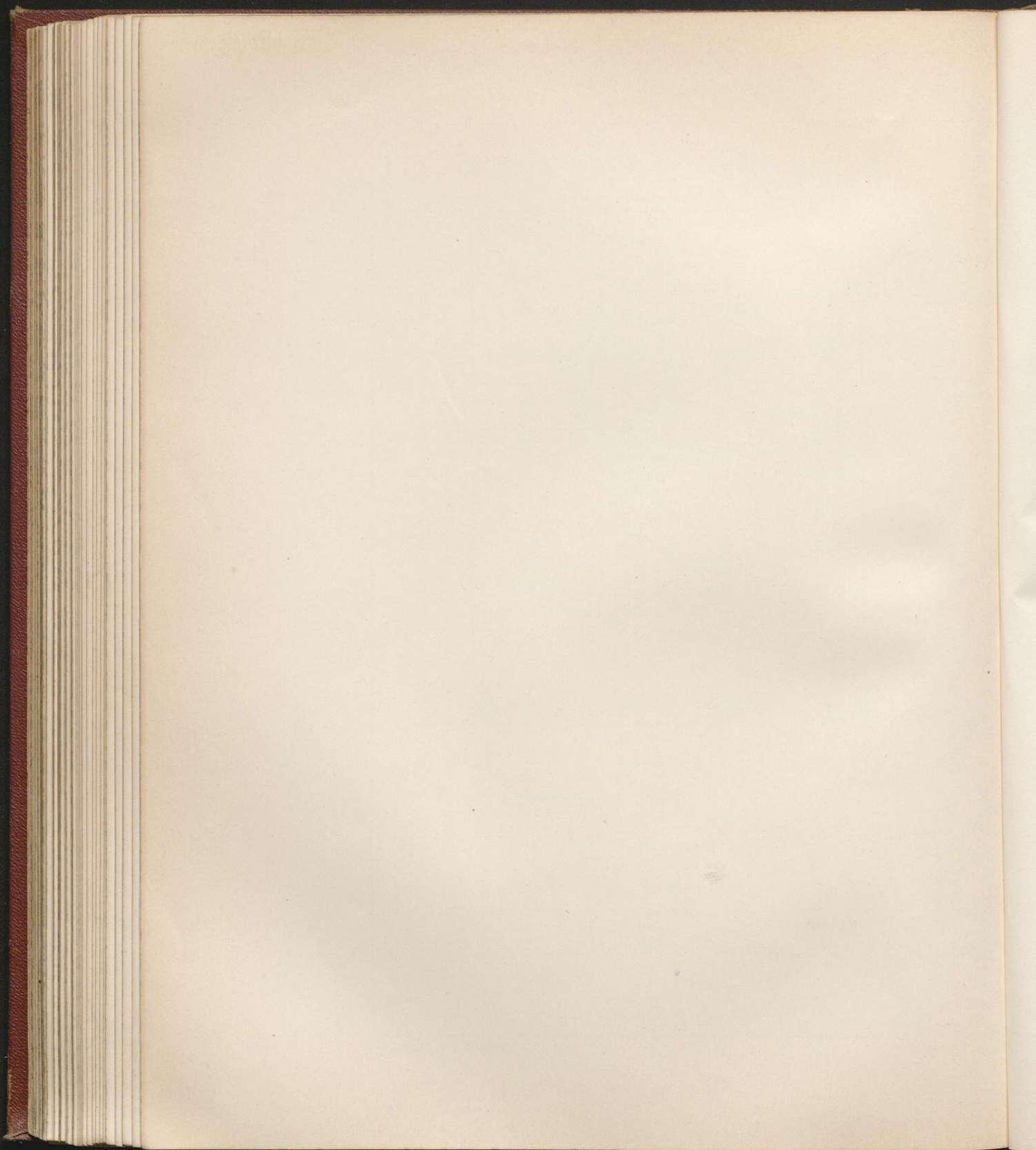
Eiserner Dachreiter  
Geschäftshaus am Vorder'schen Markt in Berlin.



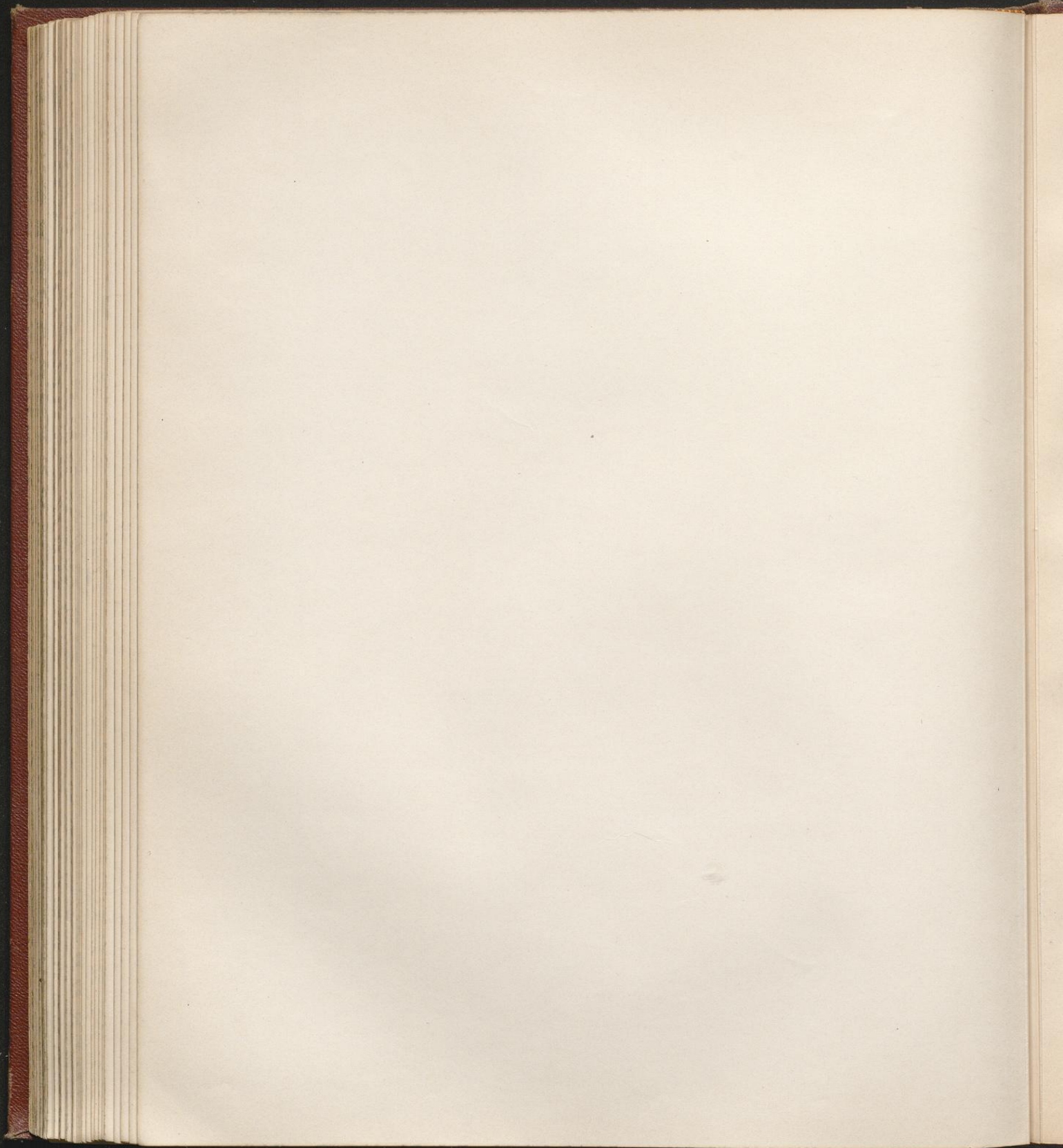
Brymann II Eisen (6. Aufl.)

J.M. Gebhardt's Verlag, Leipzig

K. Grimmer, Arch.

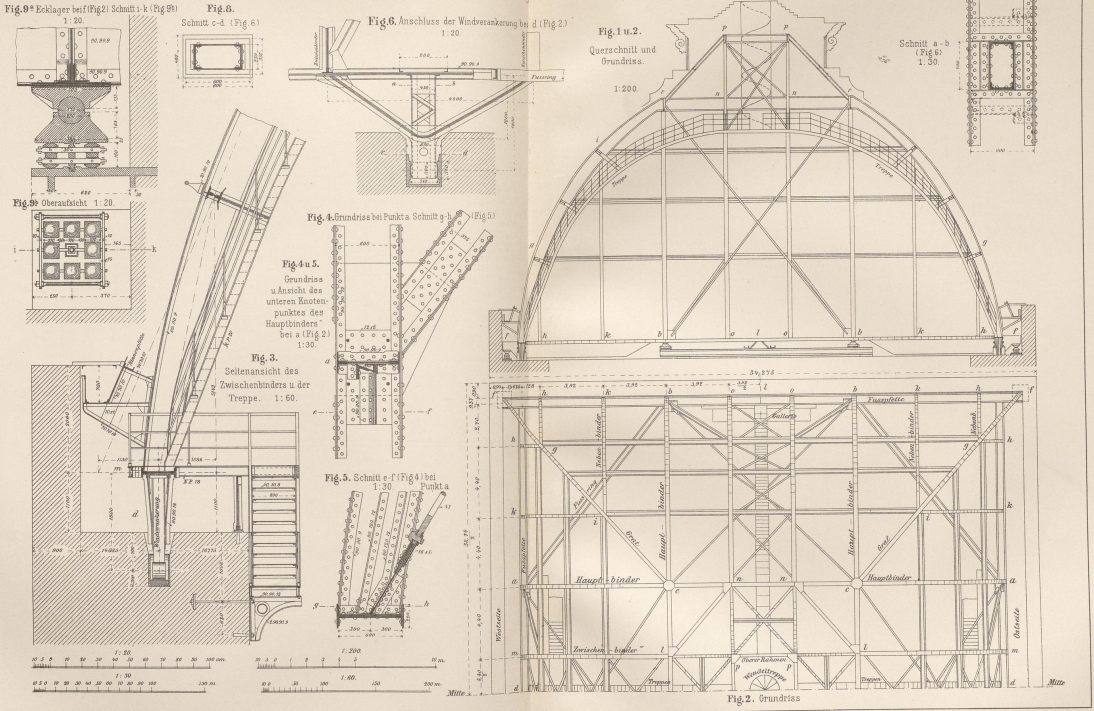


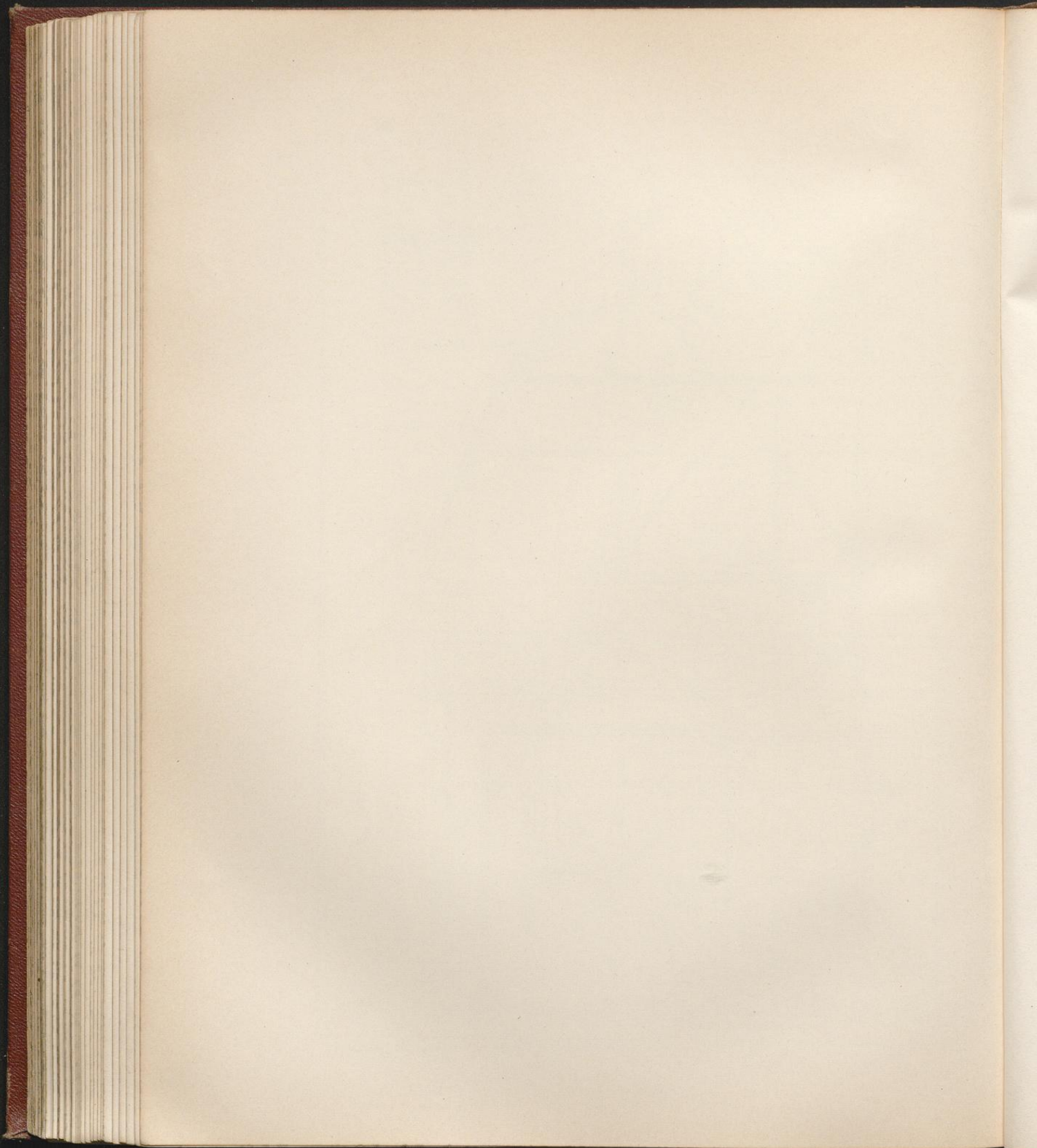




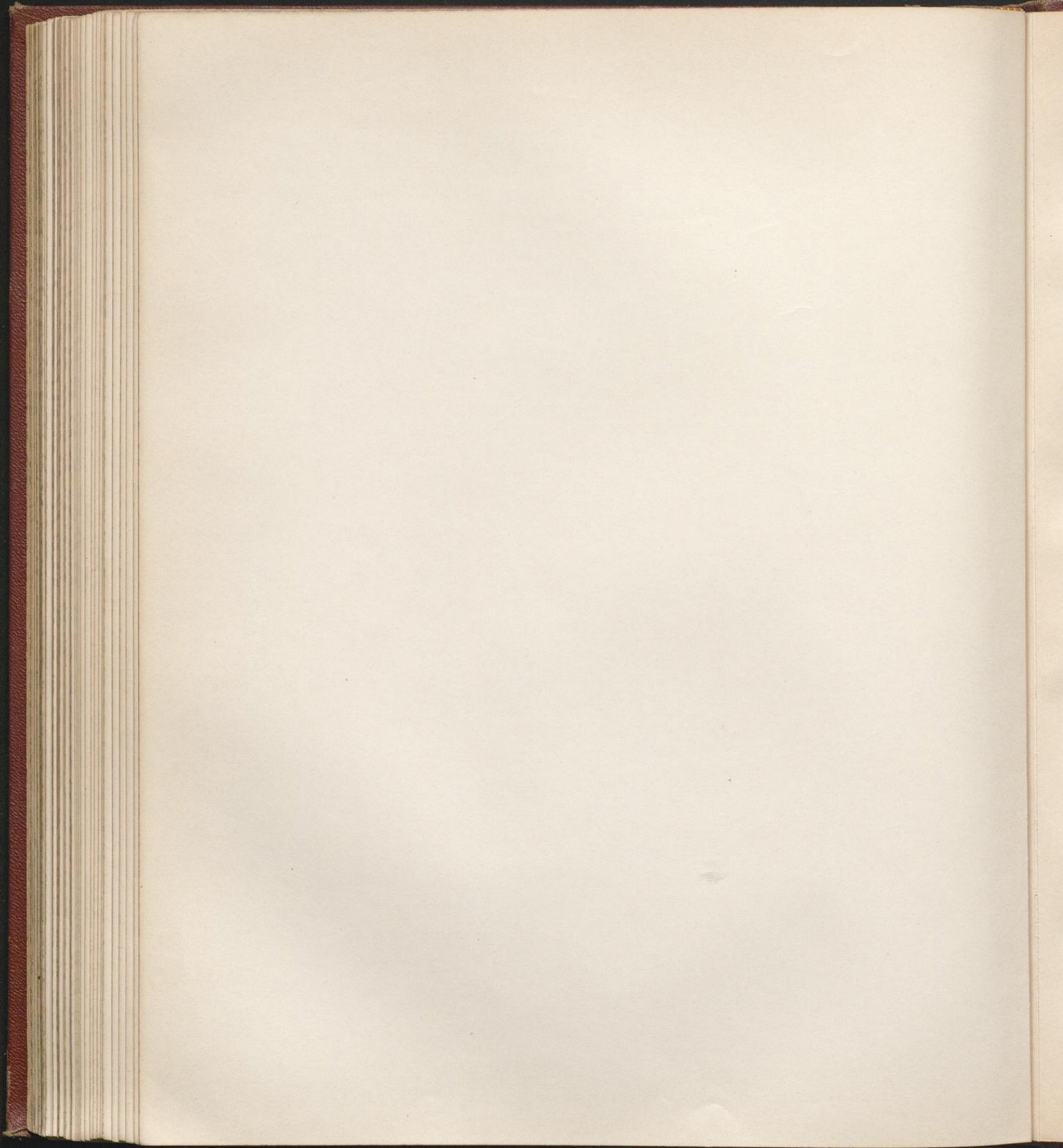


Kuppel des Reichstagshauses in Berlin.







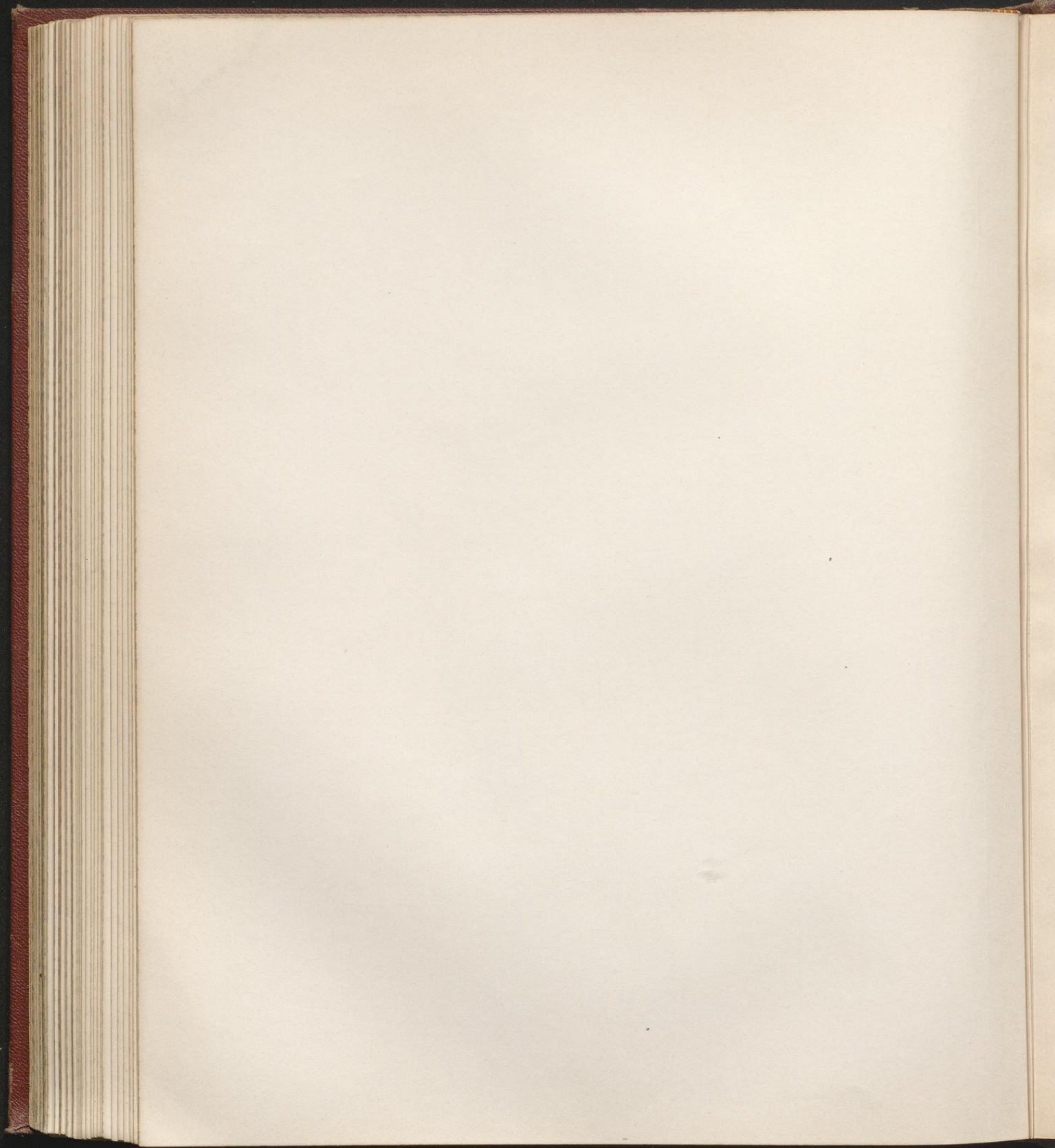














Reichsgerichts-Gebäude  
zu  
Leipzig.

Kuppel  
über der Halle (Entwurf)

Fig. 1 Schnitt a b

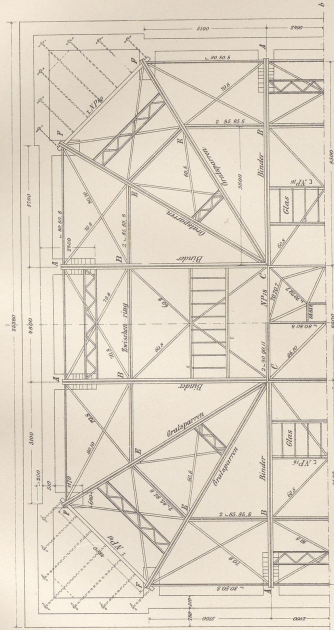
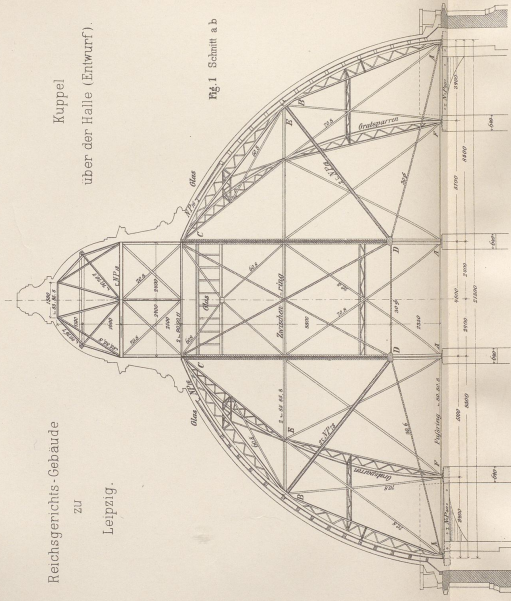


Fig. 2 Grundriß

Reymann II Eisen (6. Aufl.)

J.M. Gebhardt's Verlag, Leipzig

L. Hoffmann, Arch.

H. Cramer, Arch.







Ausstellungsgebäude in Berlin

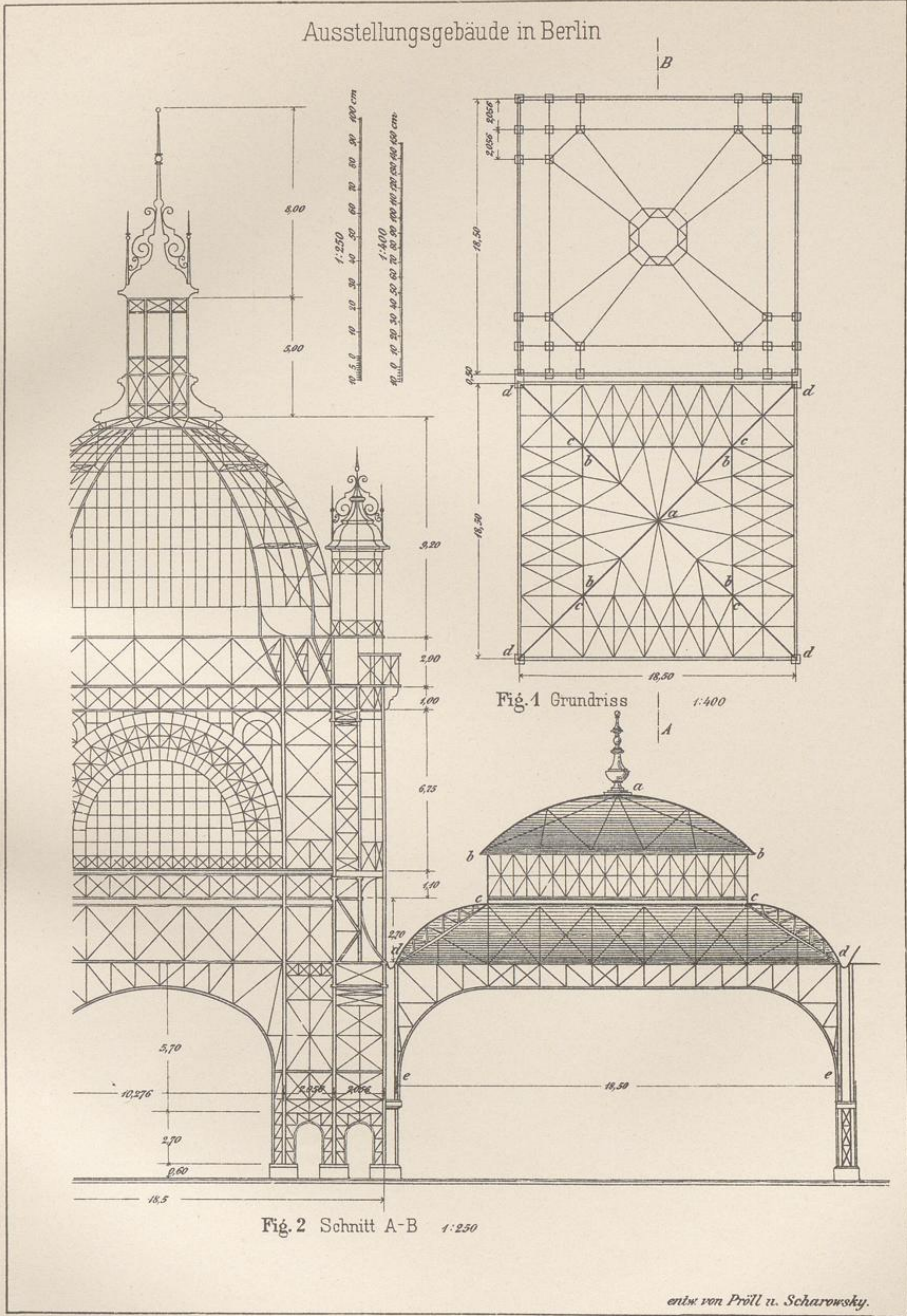


Fig. 2 Schnitt A-B 1:250

Fig. 1 Grundriss 1:400

entw. von Pröll u. Scharowsky.





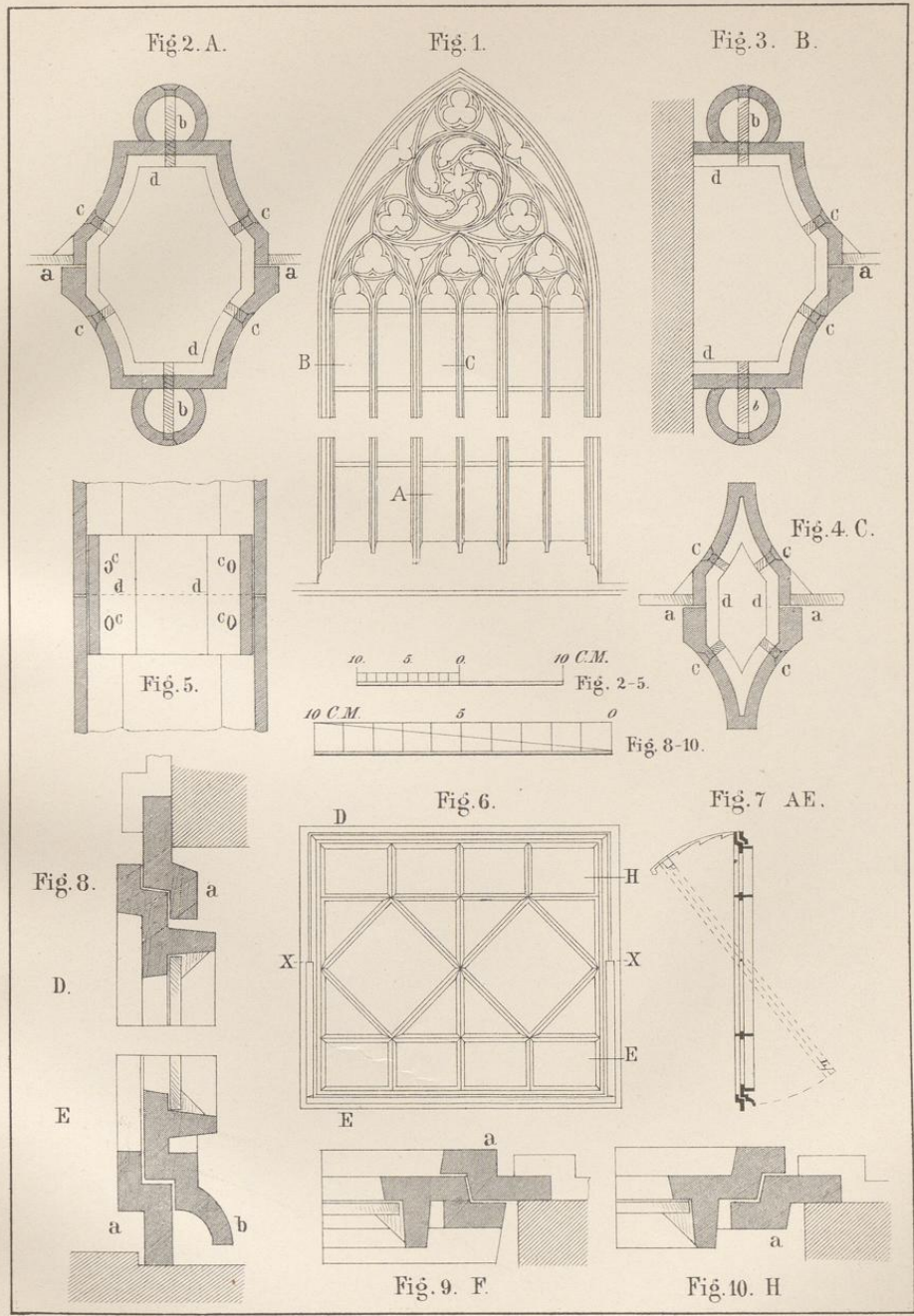






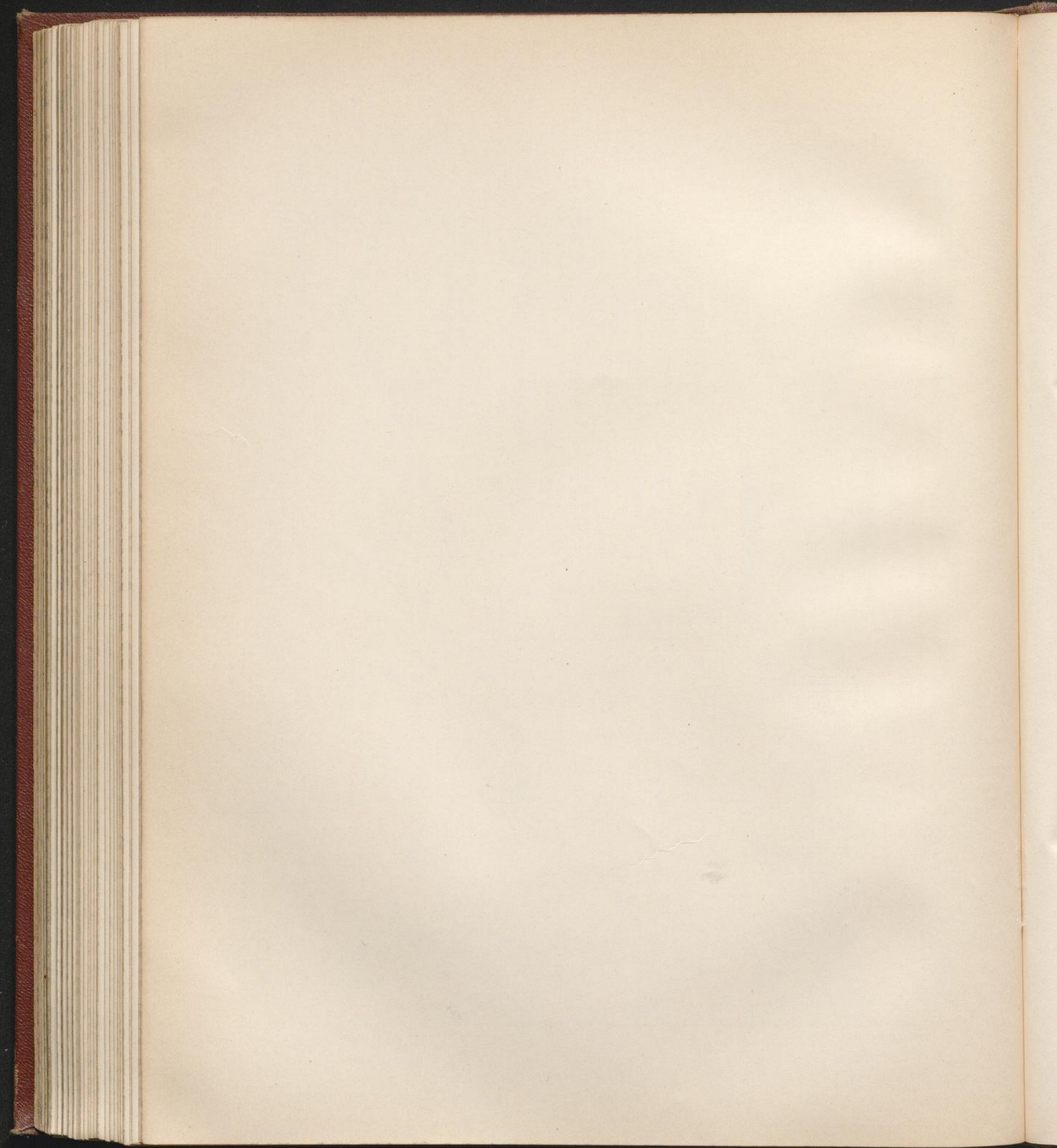






Breymann III Eisen (6. Aufl)

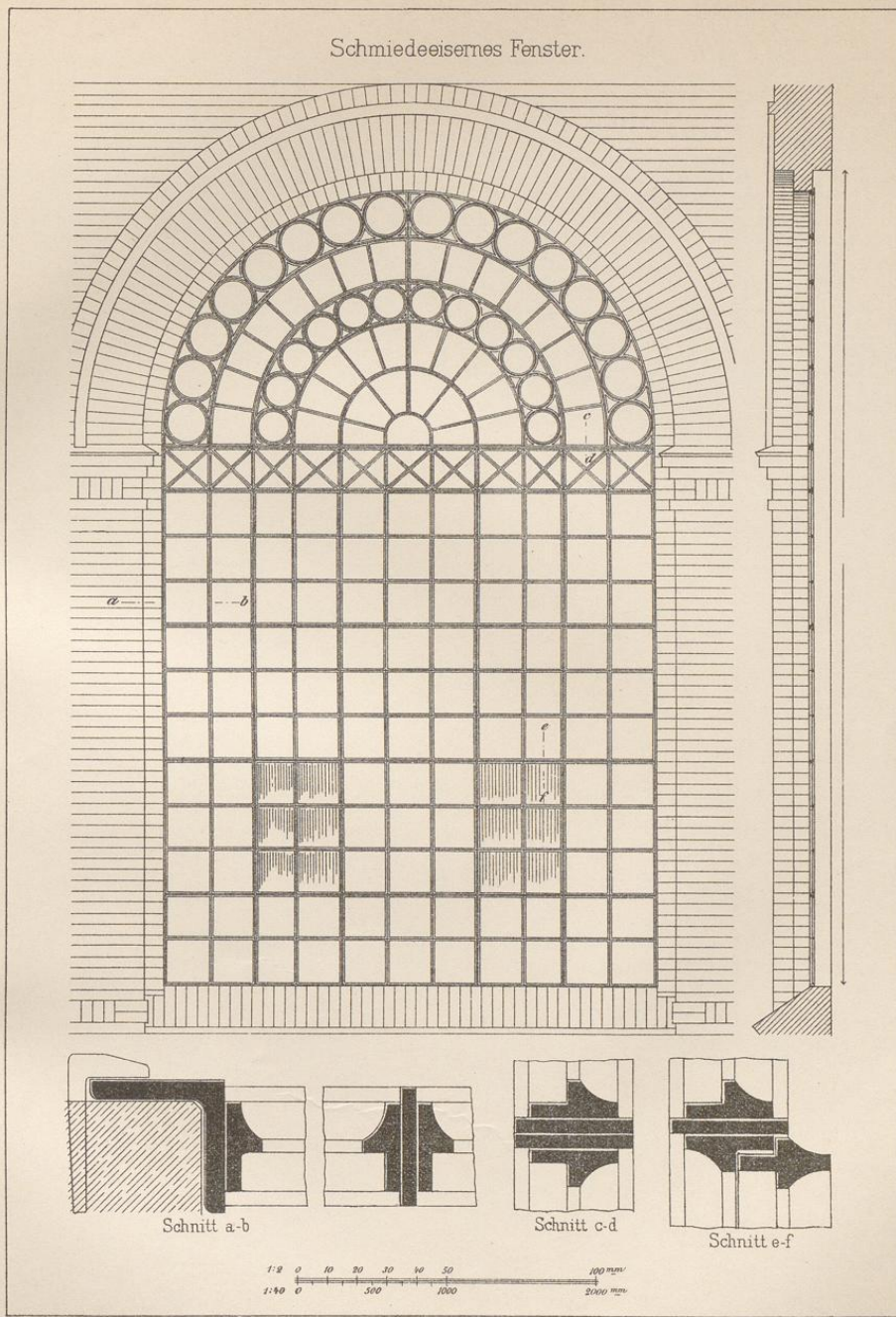
J.M. Gebhardt's Verlag, Leipzig.







Schmiedeeisernes Fenster.



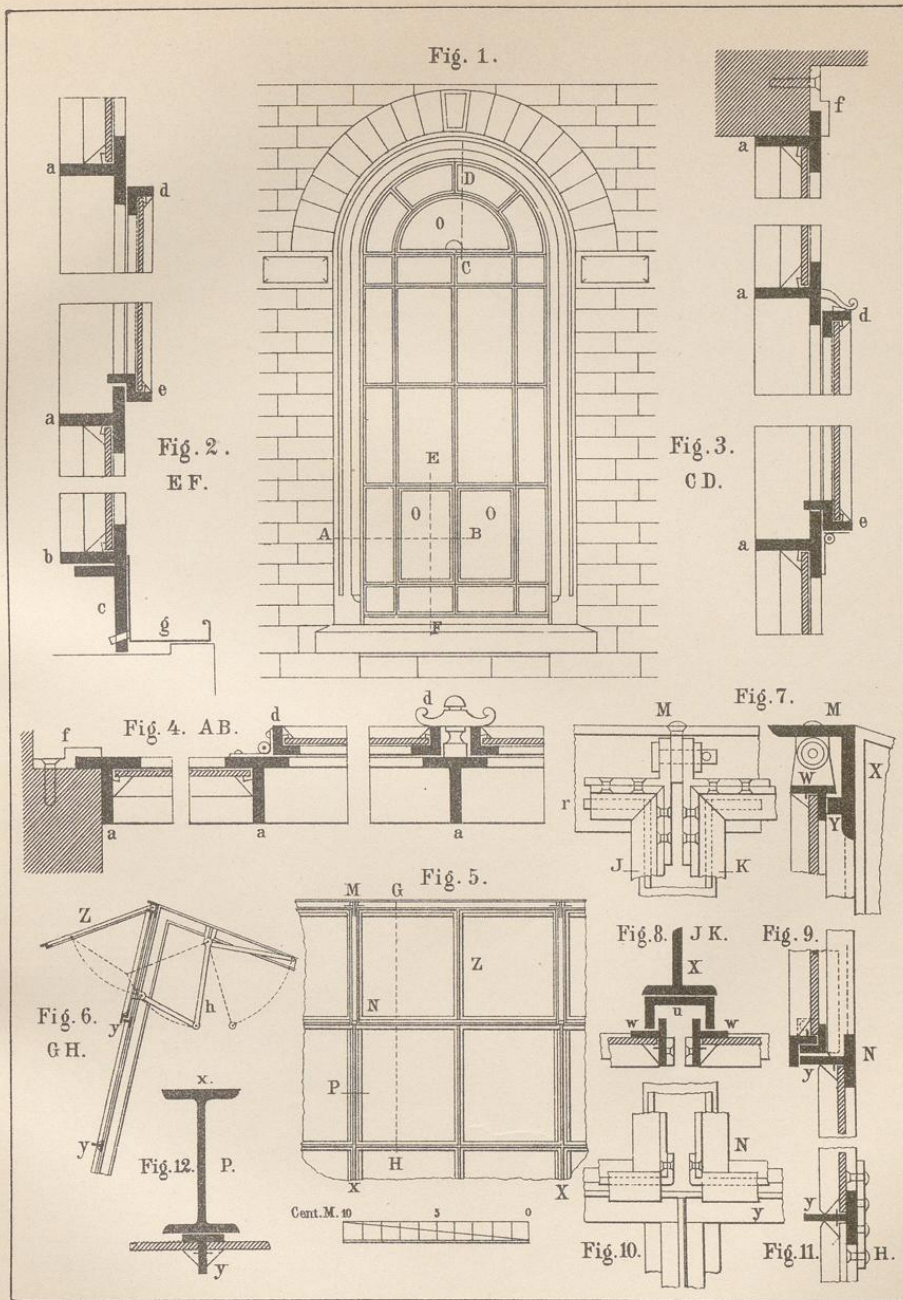
Breymann III Eisen (6. Aufl.)

J.M. Gebhardt's Verlag, Leipzig.







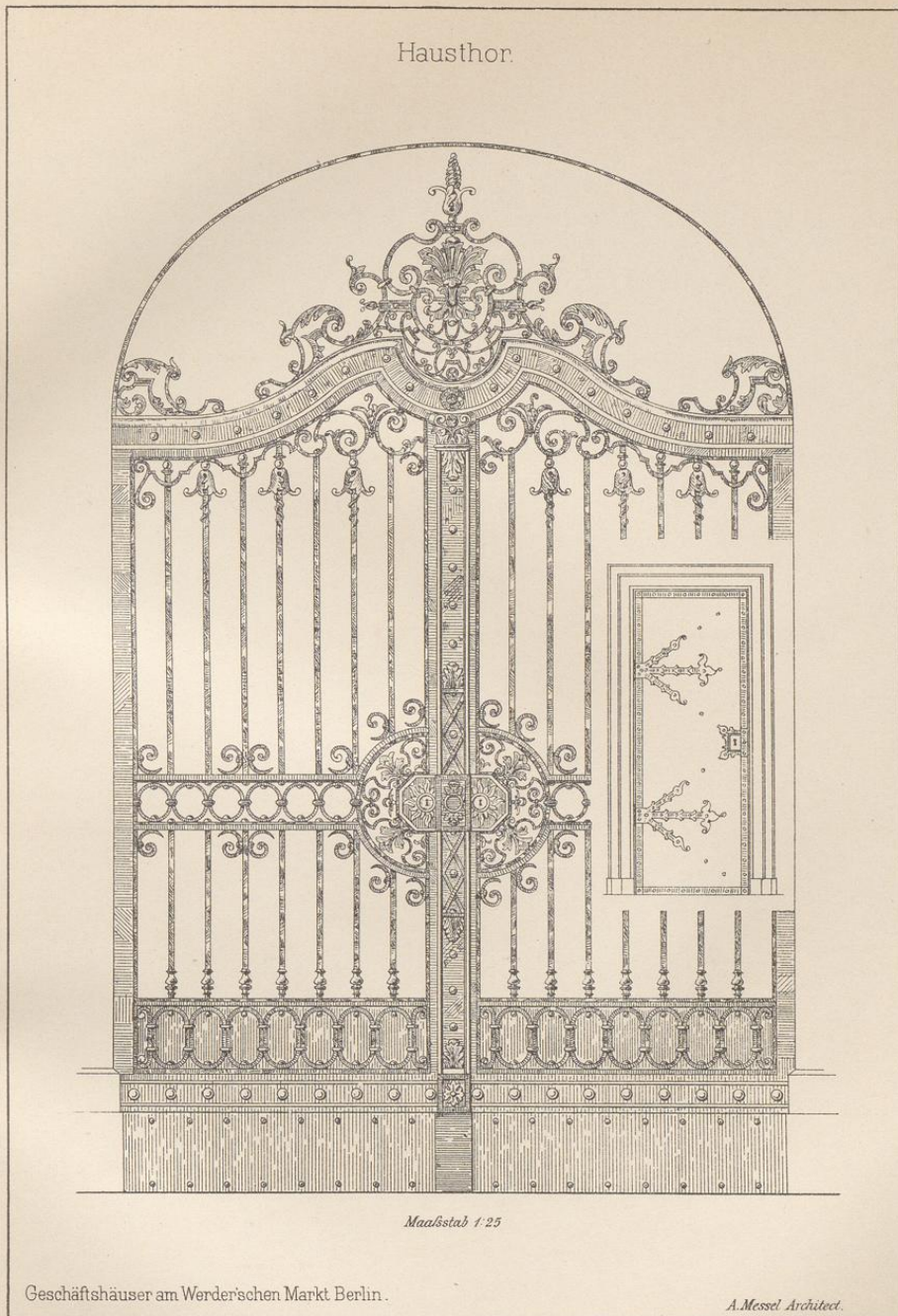








Hausthor.



Maßstab 1:25

Geschäftshäuser am Werderschen Markt Berlin.

A. Messel Architect.

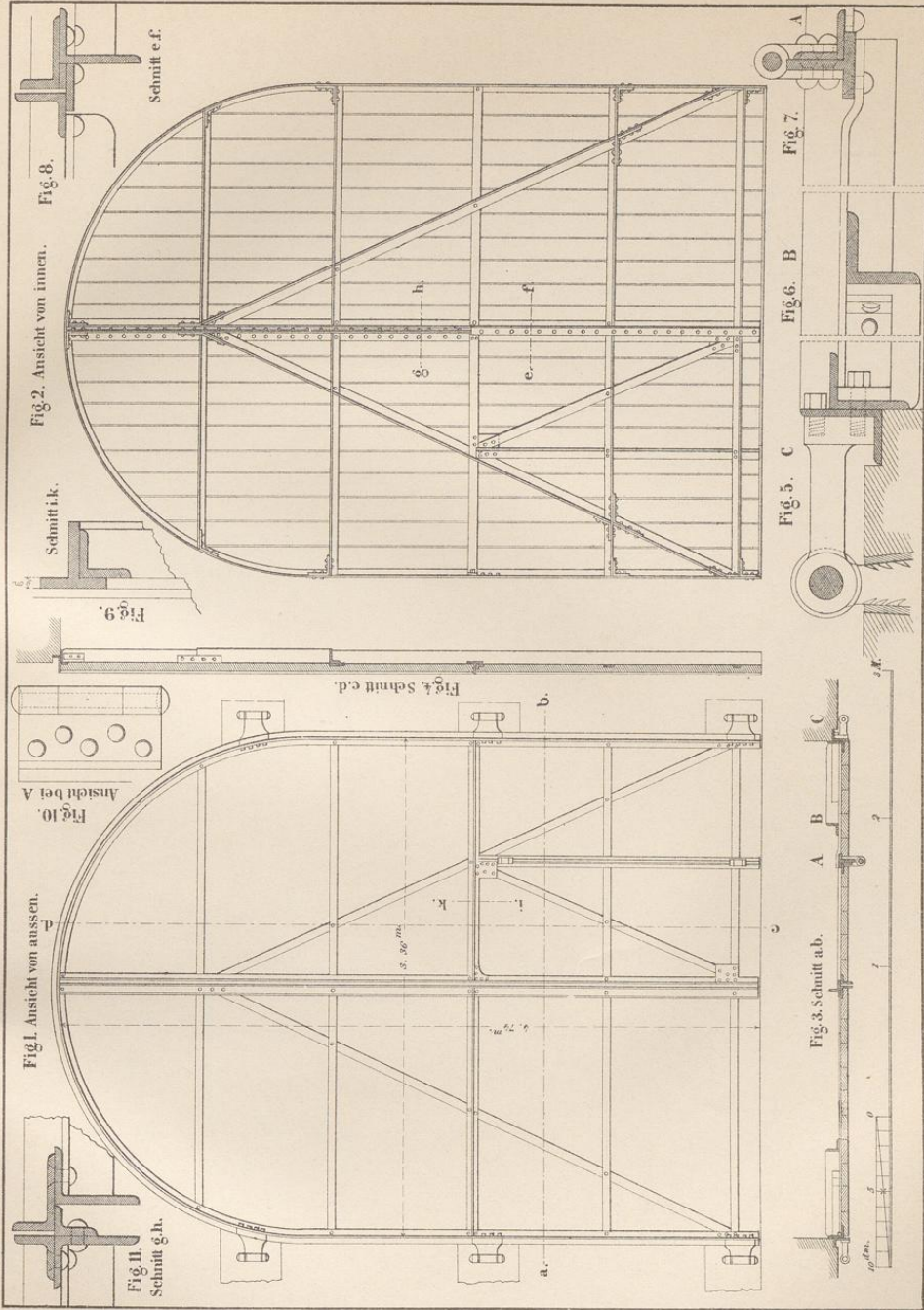
Breymann III Eisen (6. Aufl.)

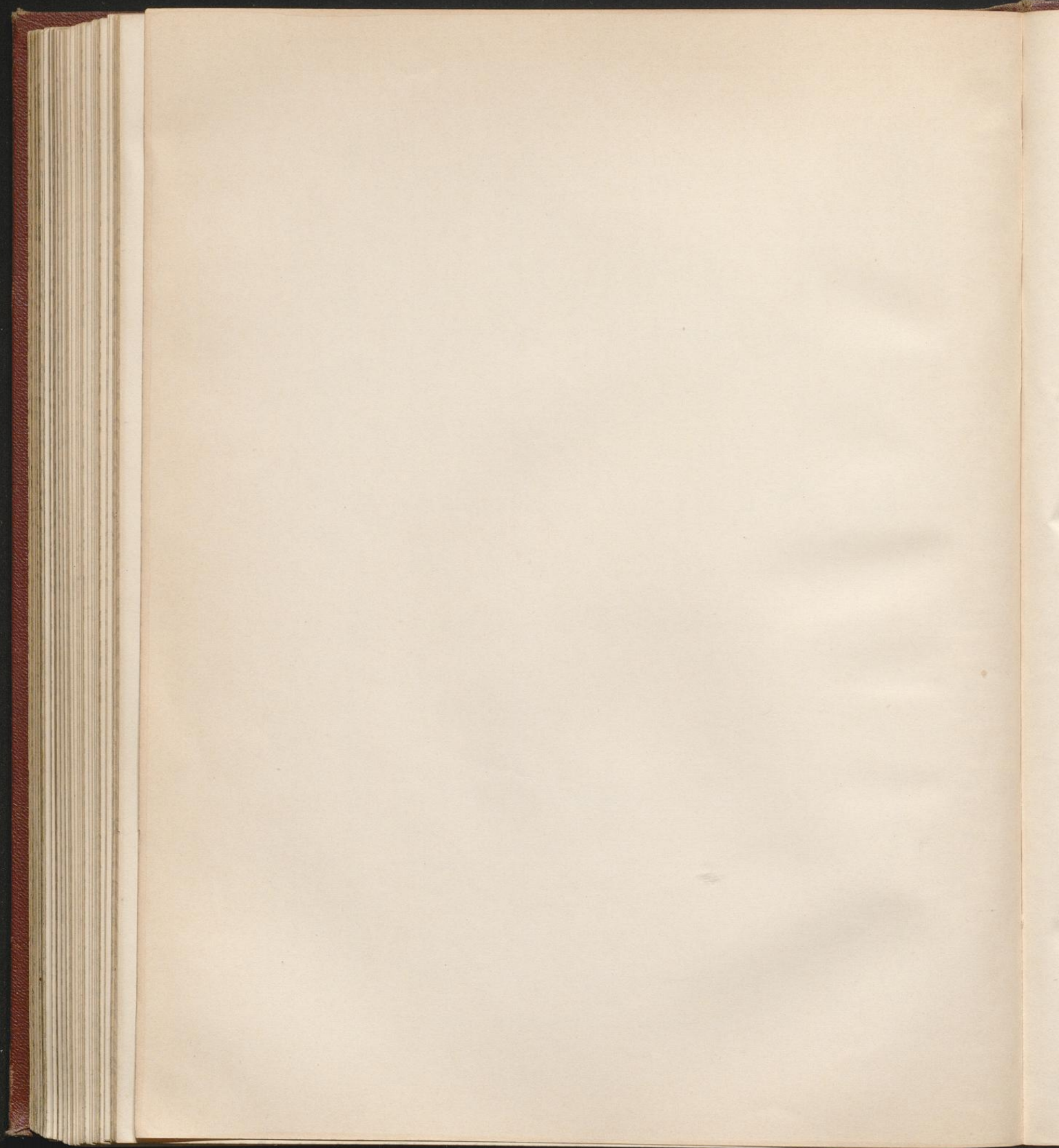
J.M. Gebhardt's Verlag, Leipzig.









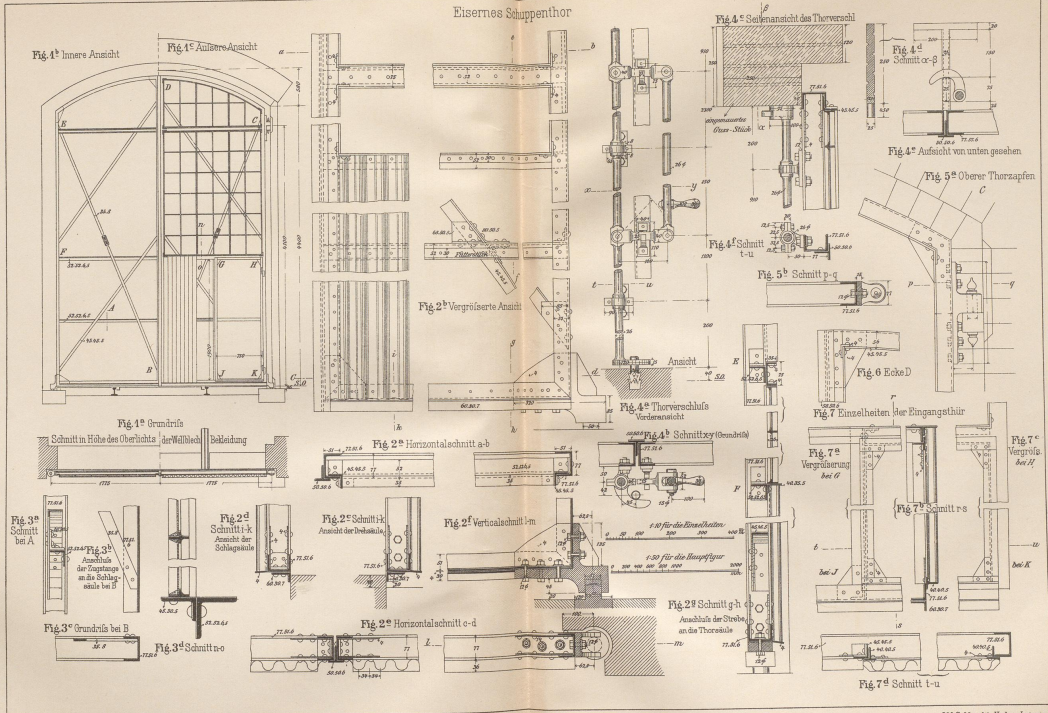








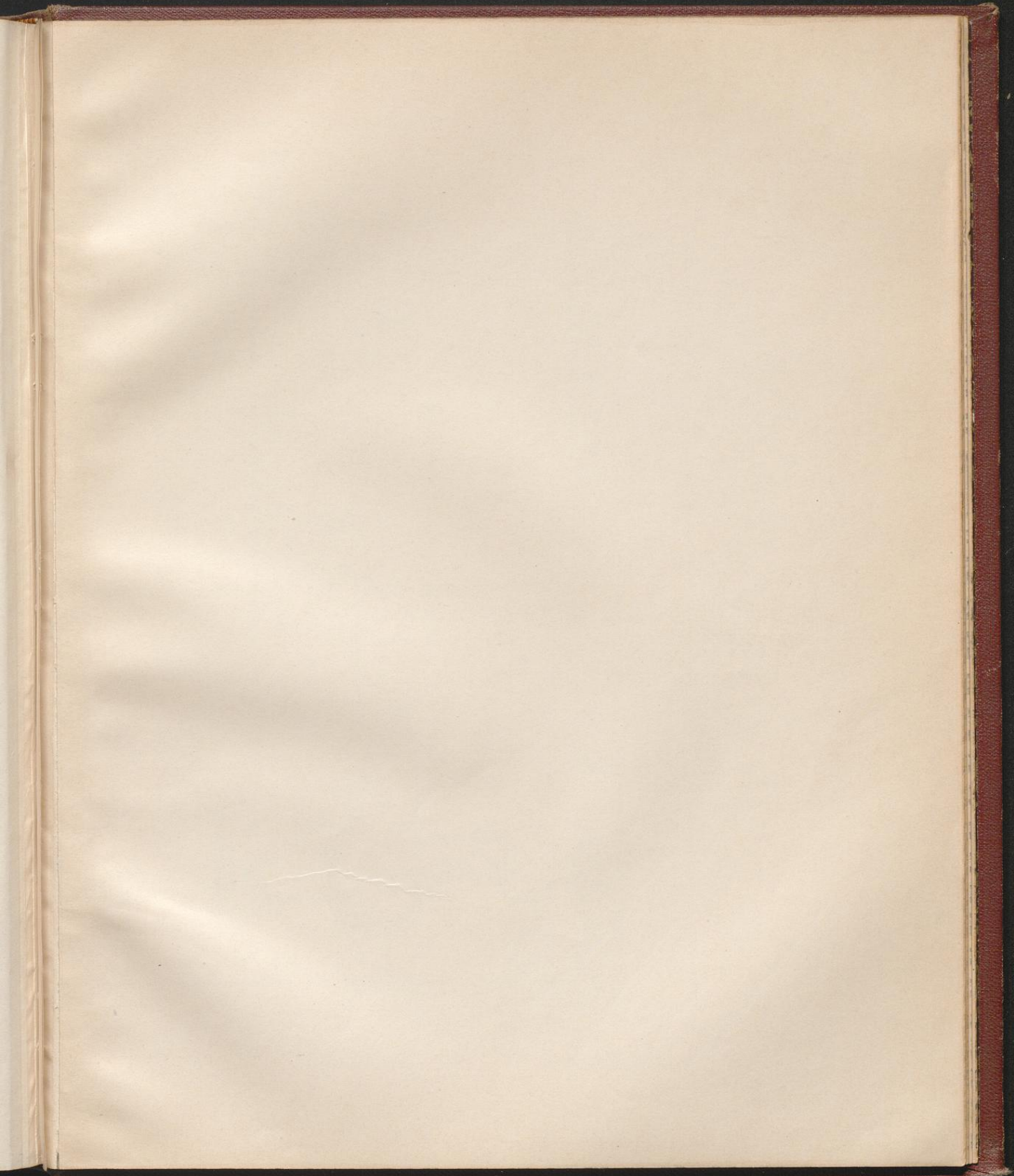
Eisernes Schuppenthor



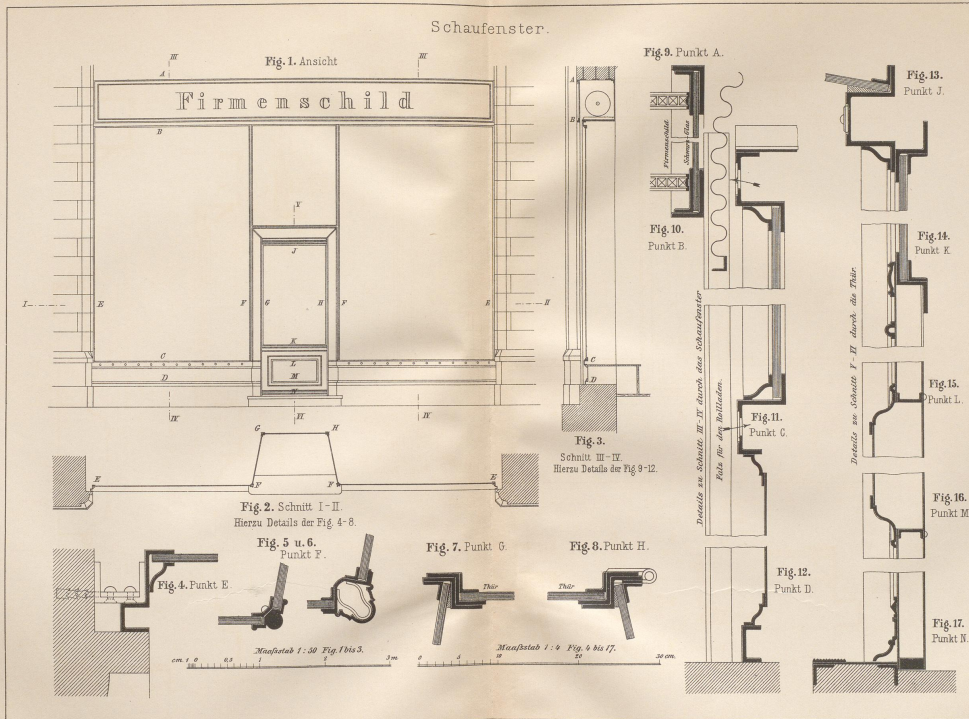








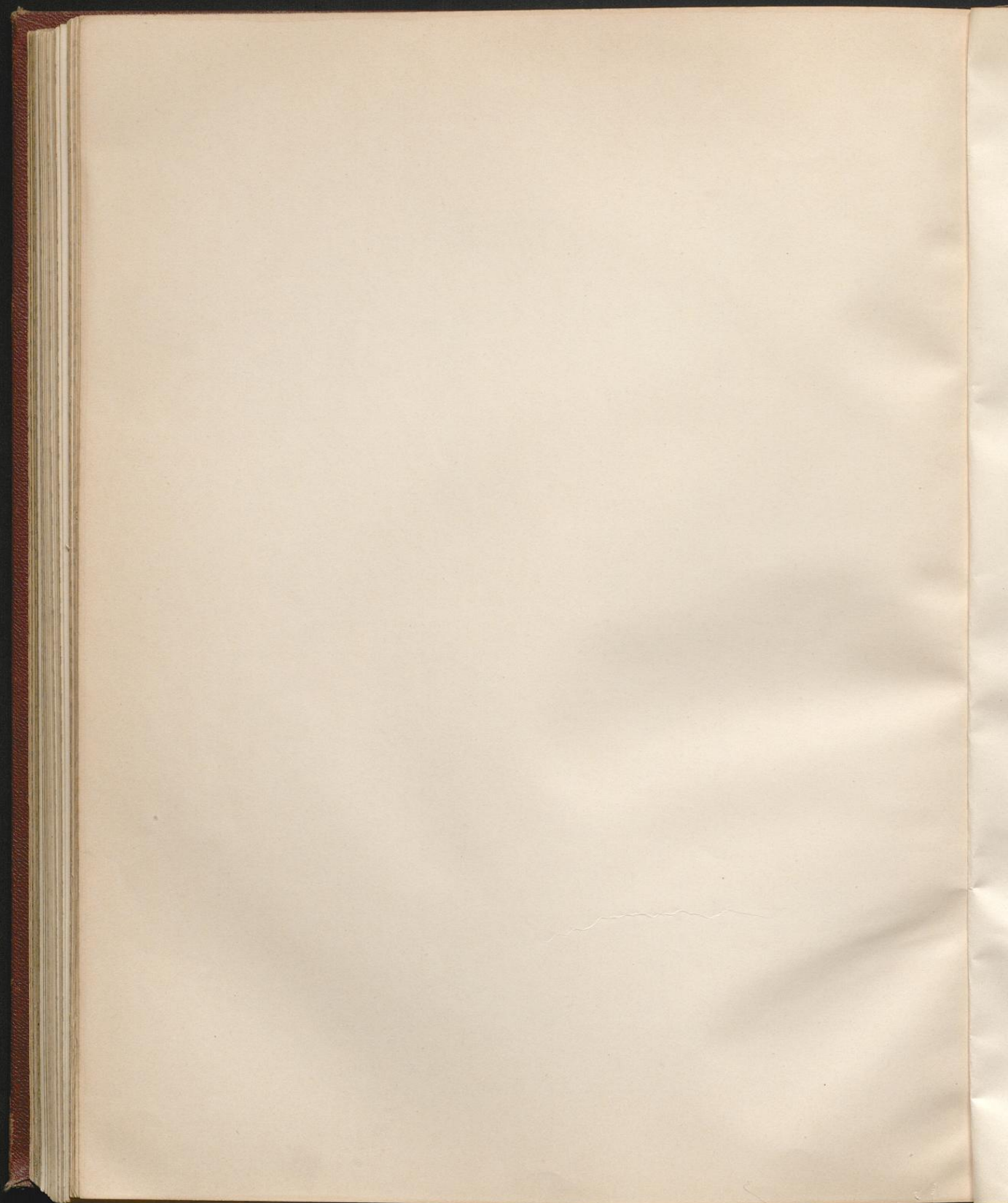
Schaufenster.



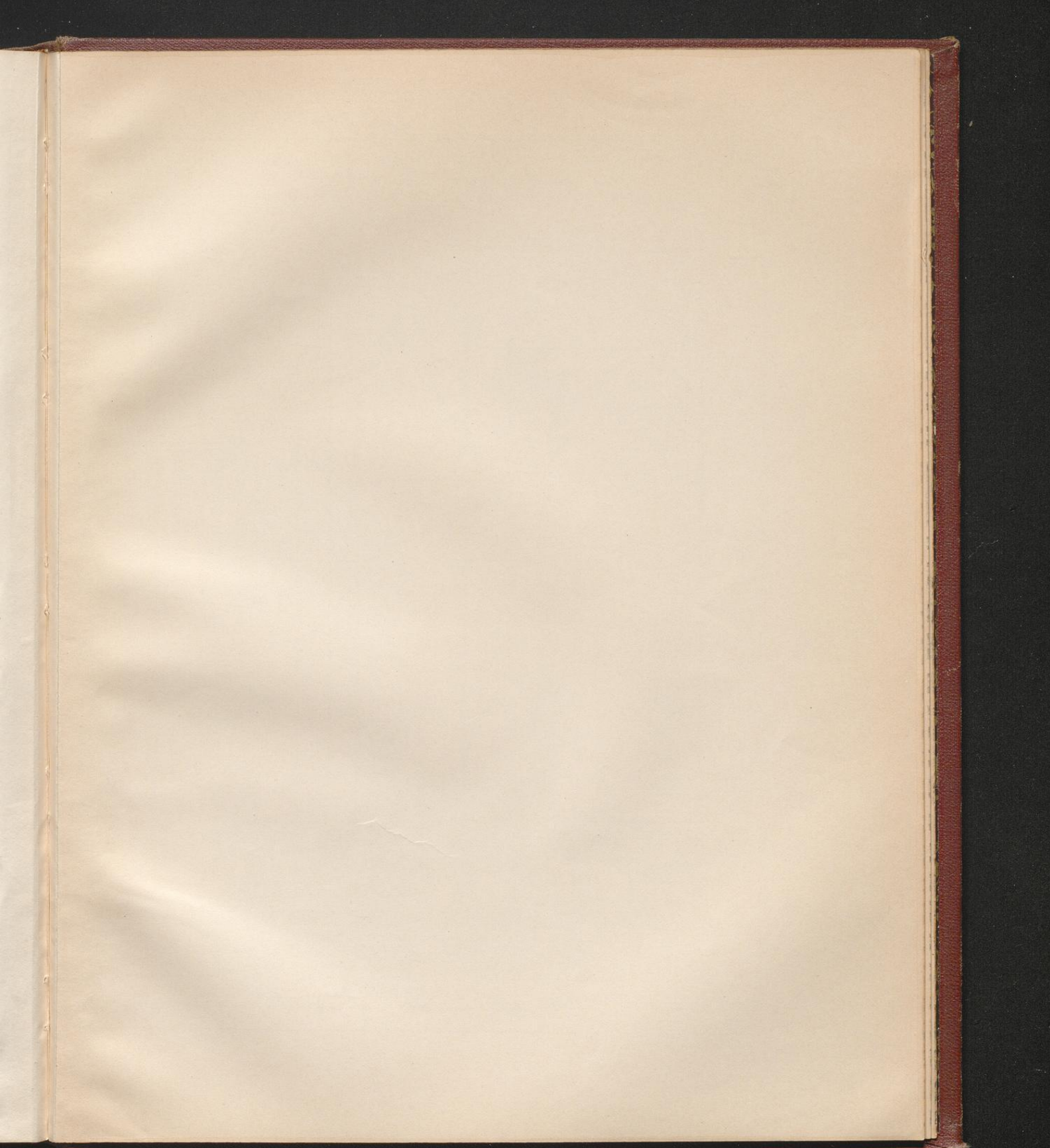
Heymann & Eisen (6 Aufl.)

J.M. Gebhardt's Verlag, Leipzig.









Schaufenster aus einem Geschäftshaus zu Halle <sup>9/5</sup>

Fig. 1. Ansicht des Schaufensters von Innen.

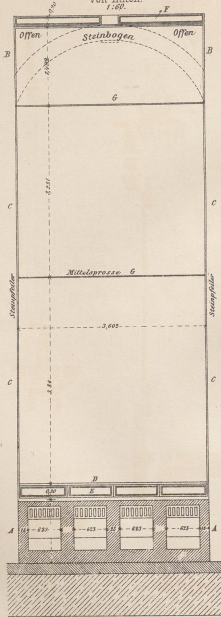


Fig. 2. Querschnitt durch das Schaufenster.

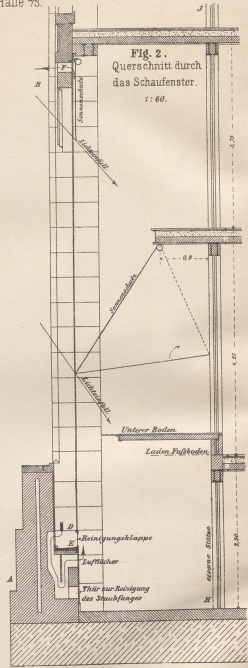


Fig. 4. Scheibe von aussen einzusetzen (wagrecht Schnitt bei B).



Fig. 5. Scheibe von innen einzusetzen (wagrecht Schnitt bei C).

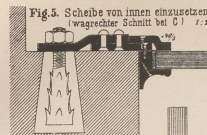


Fig. 3. Anordnung der unteren Luftführung zu den Schaufenstern (Detail bei A).

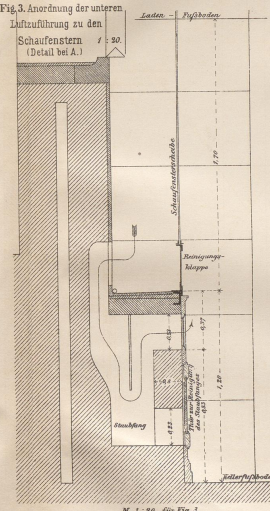


Fig. 6.

Untere Theil des Schaufensters mit Reinigungs-klappe für den Lichtschacht

1:2

Detail bei E

1:2

Detail bei E

1:2

M. 1.3 für Fig. 4-7.

Fig. 7.

Obere Theil des Schaufensters mit verstellbarer Lüftungs-klappe (Detail bei F)

1:2

Fig. 8.

Mittelsprosse (Detail bei G)

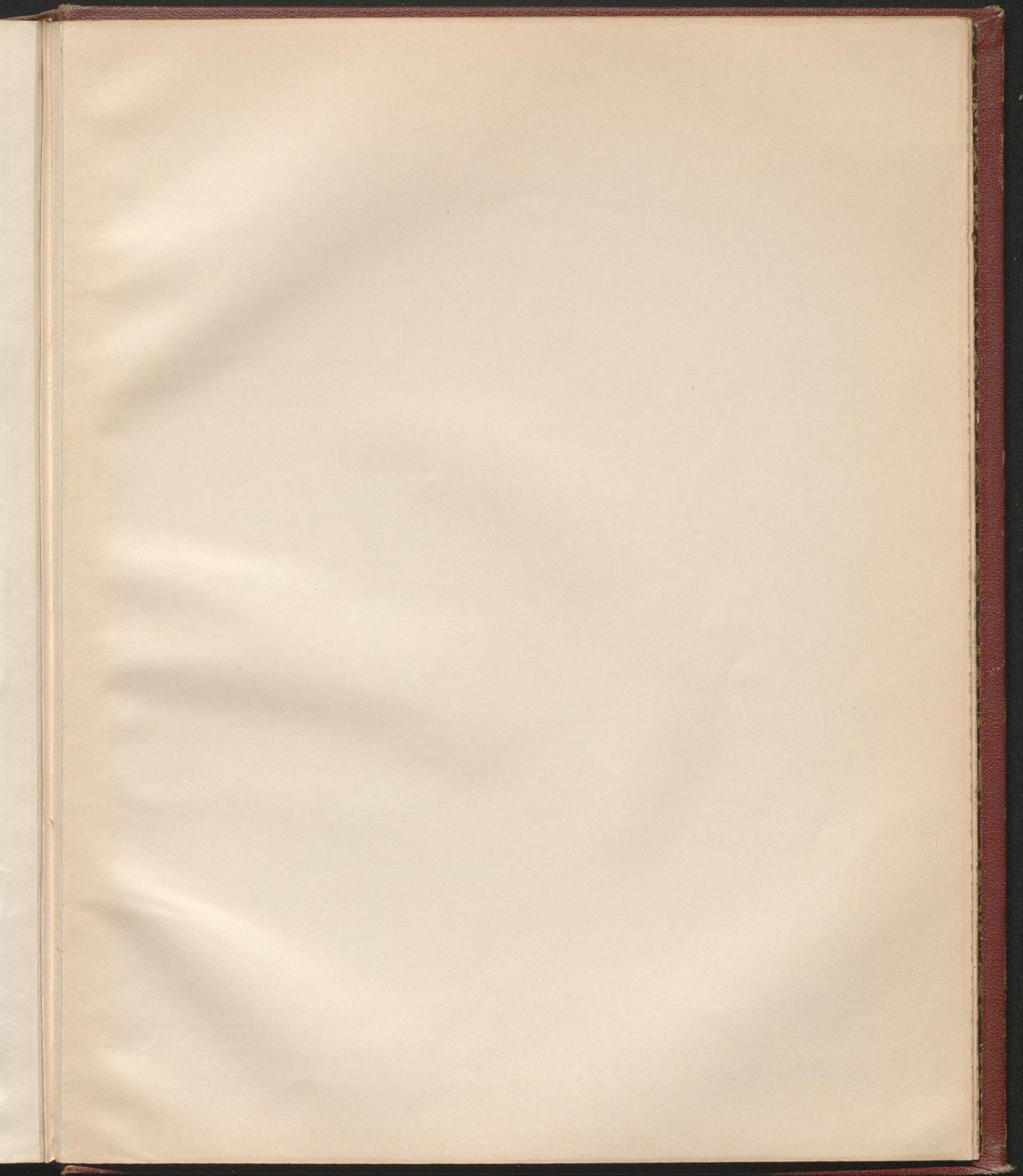
1:2

M. 1.3 für Fig. 4-7.

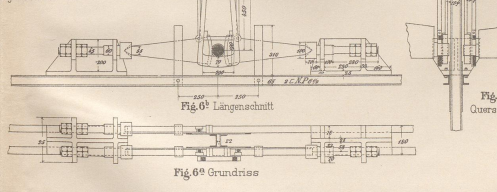
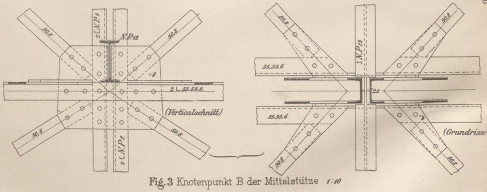
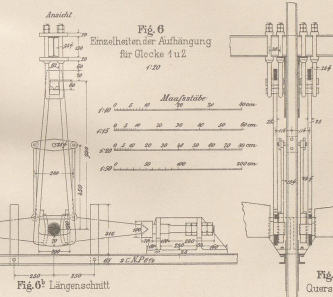
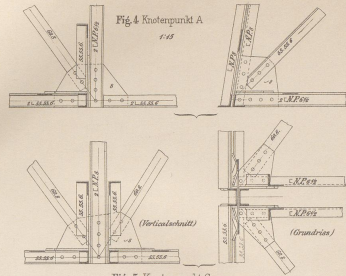
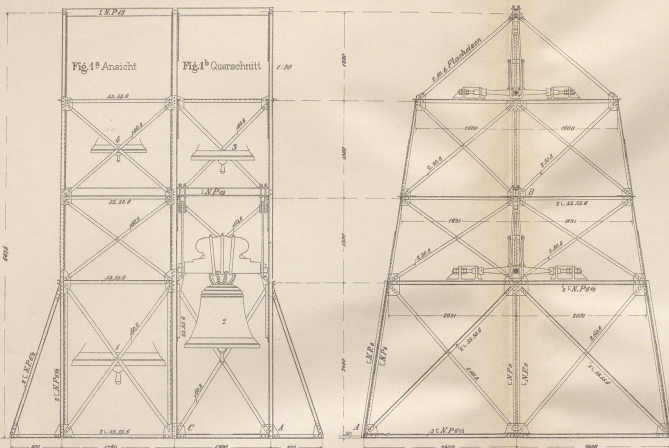








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