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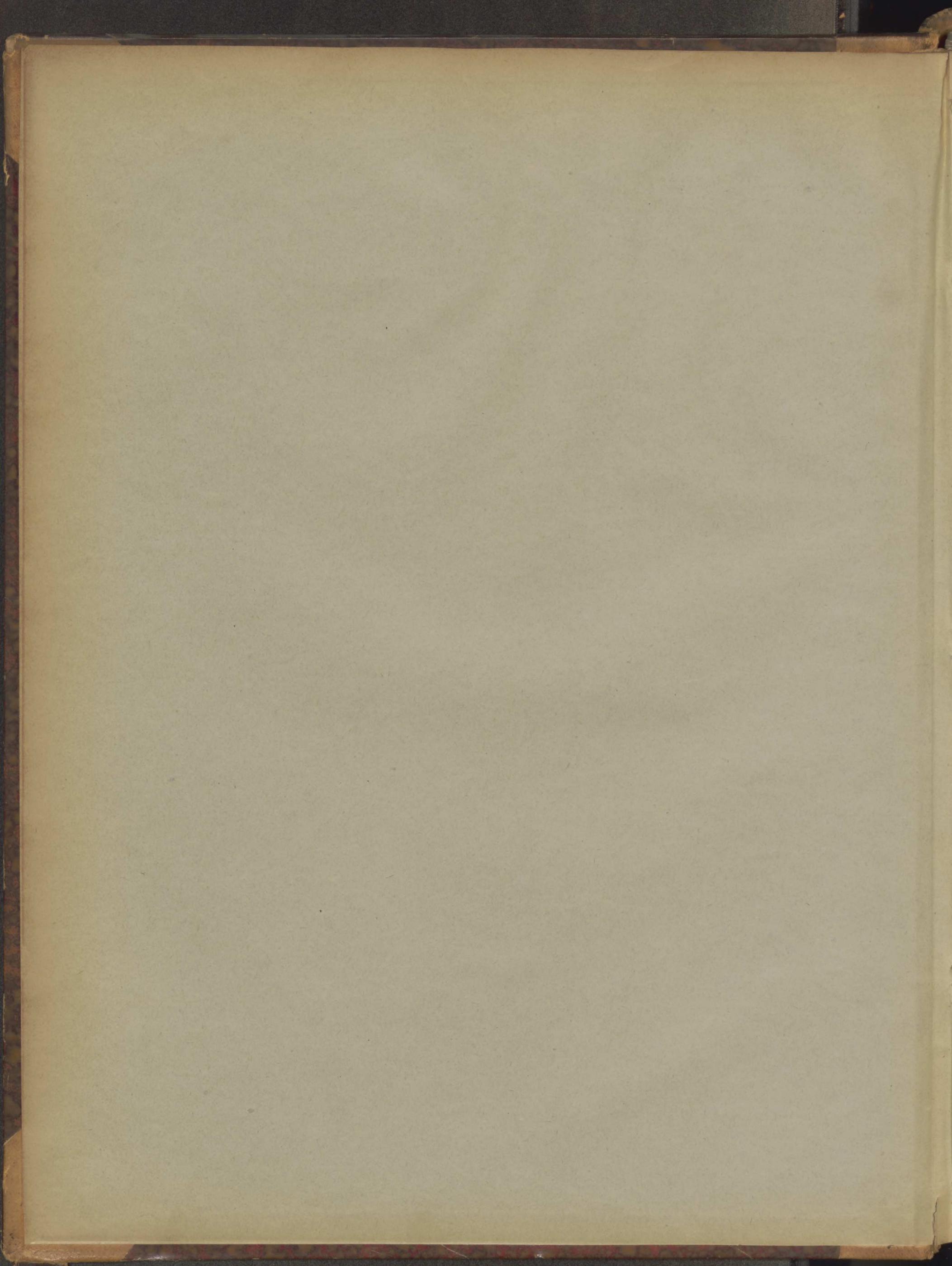
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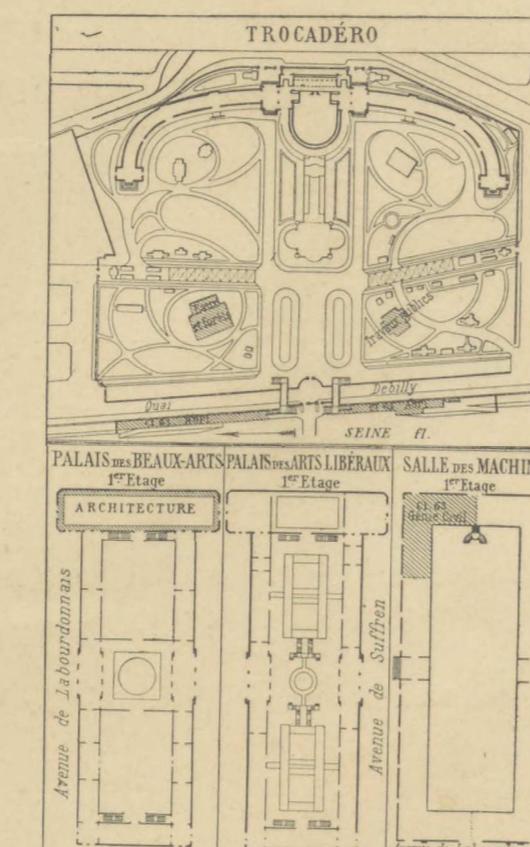
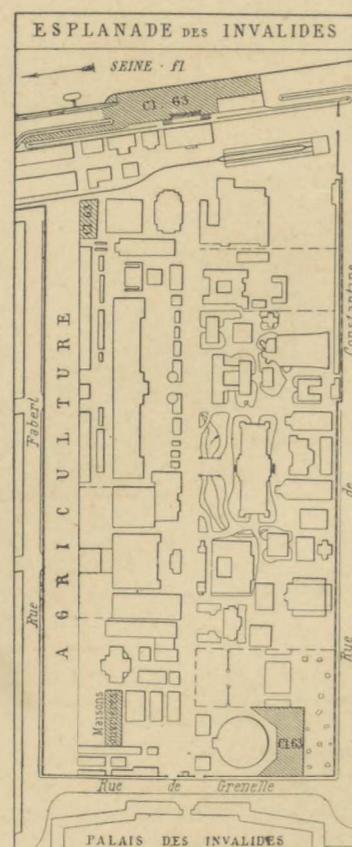
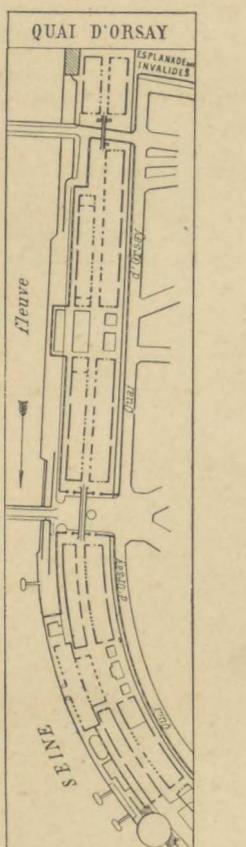
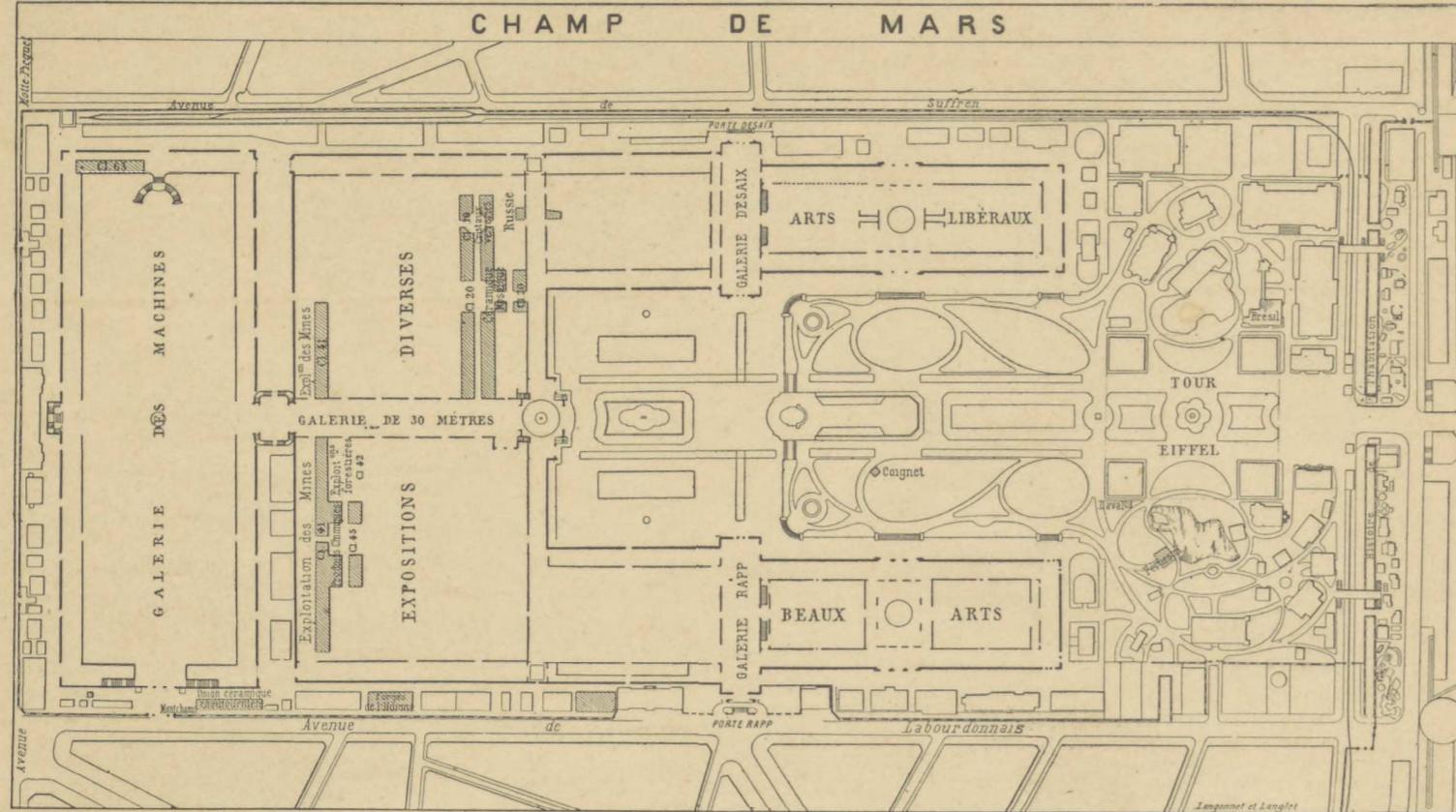
1889
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2. Etat

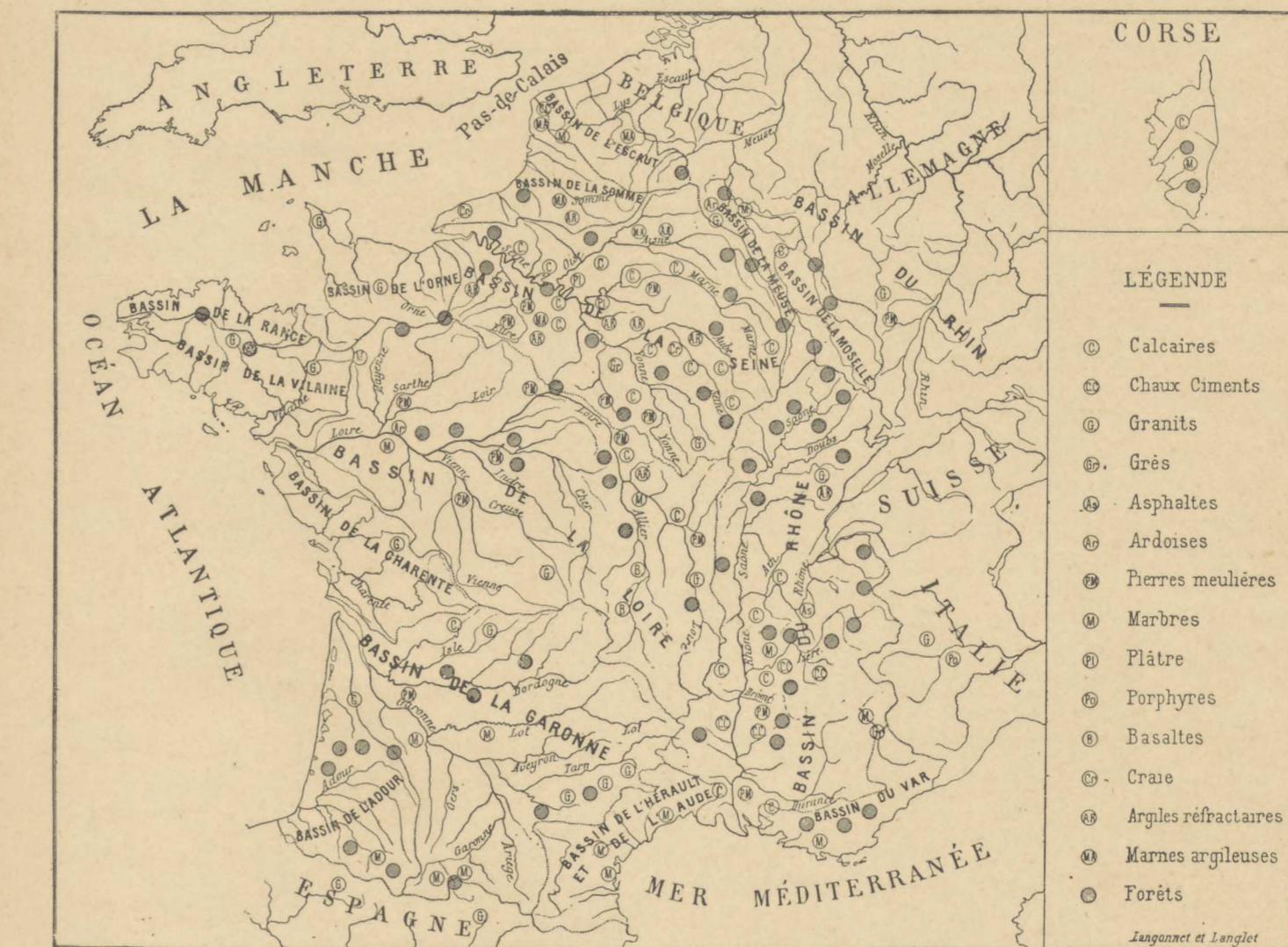
1. Etat



CARTE DES CARRIÈRES

ET

DES FORÊTS DE LA FRANCE

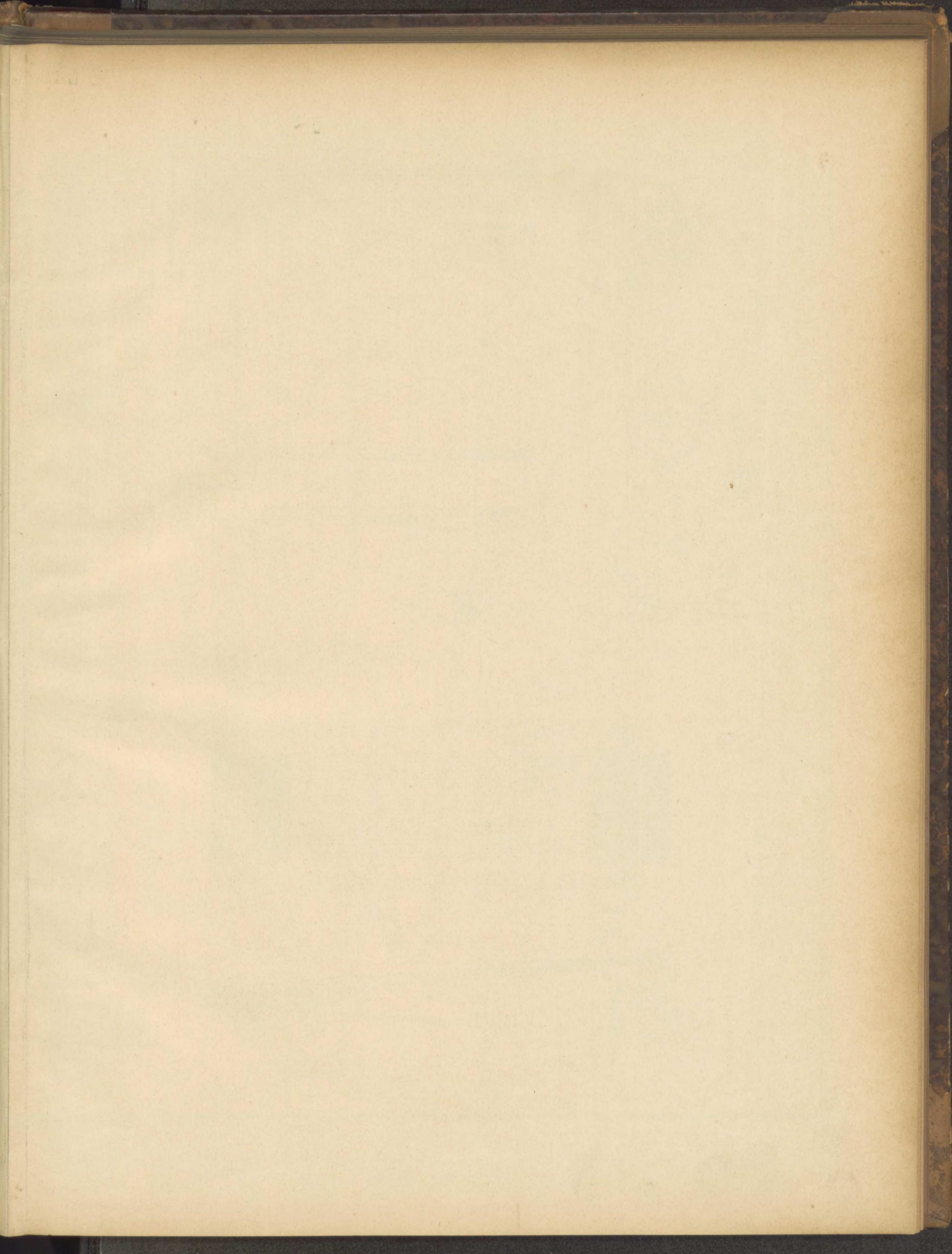


REMARQUE

A l'inspection de cette carte, on voit que les pierres de taille les plus employées se trouvent dans l'Est et le Sud-Est de la France; les chaux et les ciments dans le Nord, l'Est et le Sud (bassin de la Somme, de la Seine, de la Meuse et du Rhône). Le Dauphiné, l'Hérault et l'Adour produisent les marbres. La Normandie fournit les plus beaux granits; l'Auvergne les porphyres et les basaltes. Le reste des matériaux de construction se répartit assez également dans les divers départements de la France.

САДОВАЯ АРИЕВА

СОЛНЦЕВАЯ ОГРН 100-10000000000



Application du Fil hélicoïdal et de la Perforatrice tubulaire à l'exploitation de la carrière du Traignaux (Province de Namur)

Fig. 1.

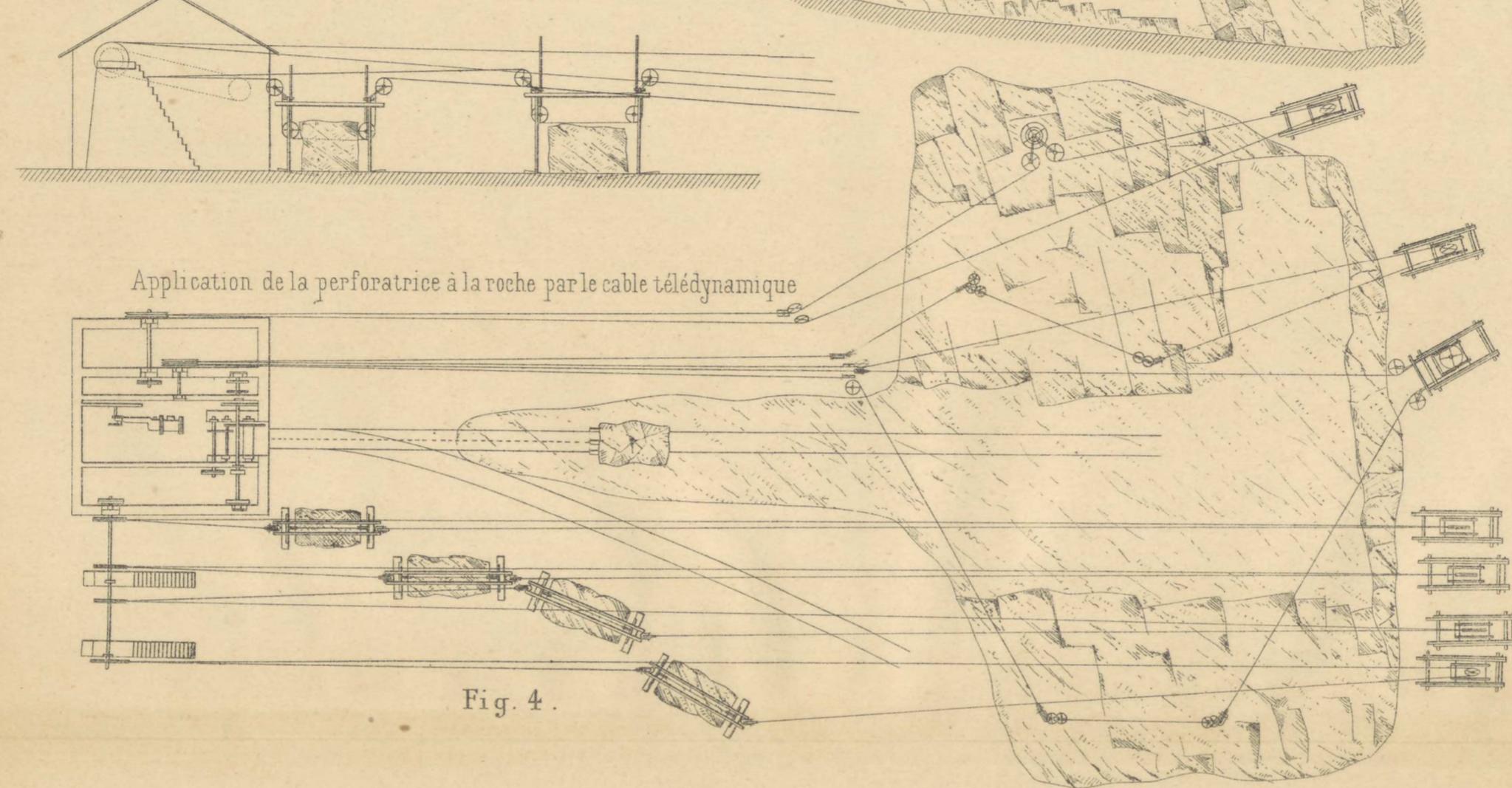
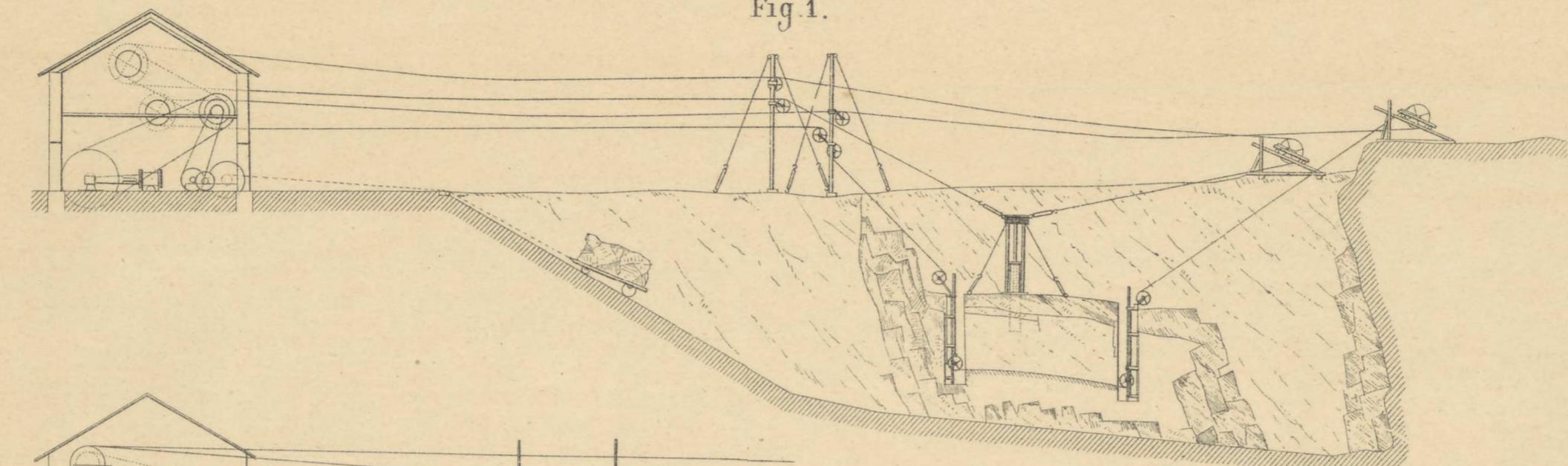


Fig. 4.

Fig. 2. Perforatrice.

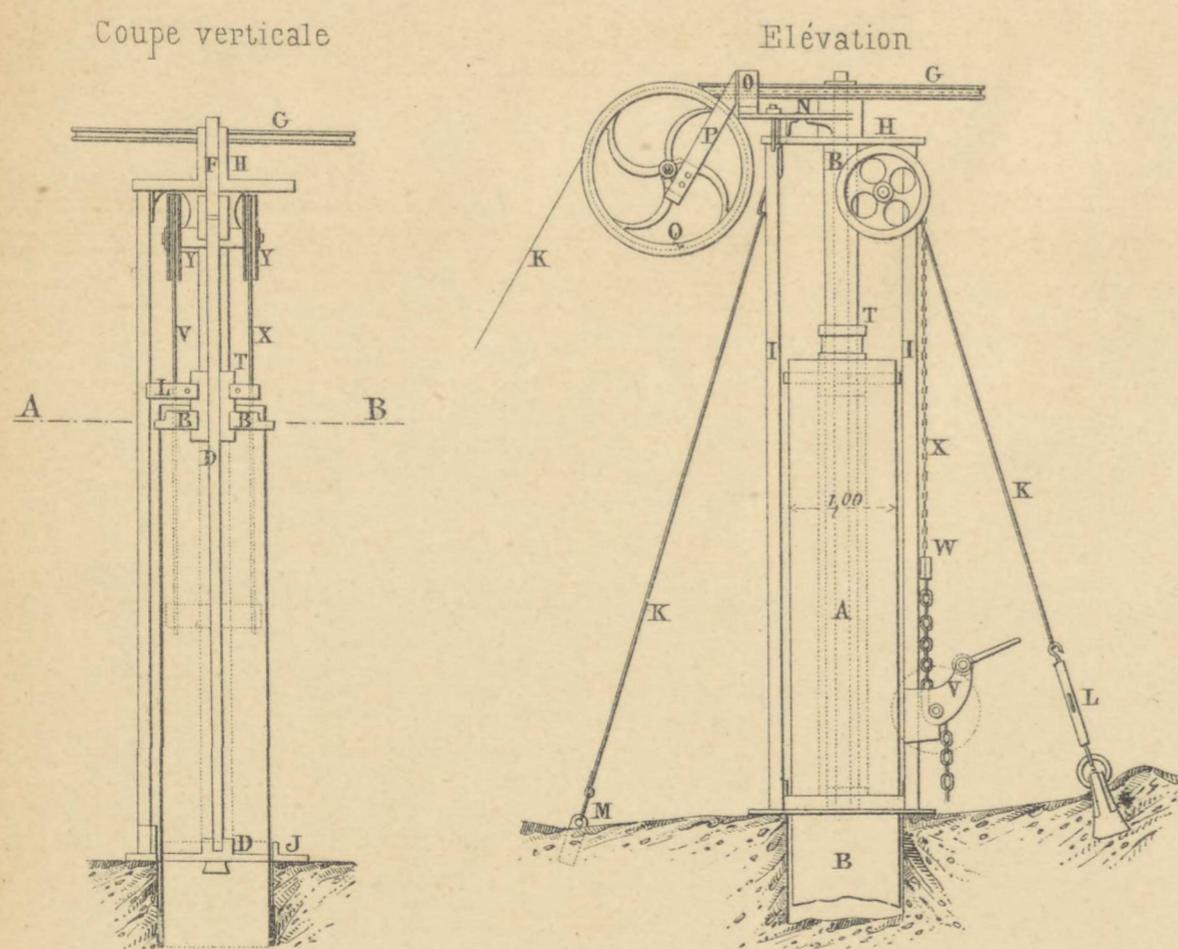
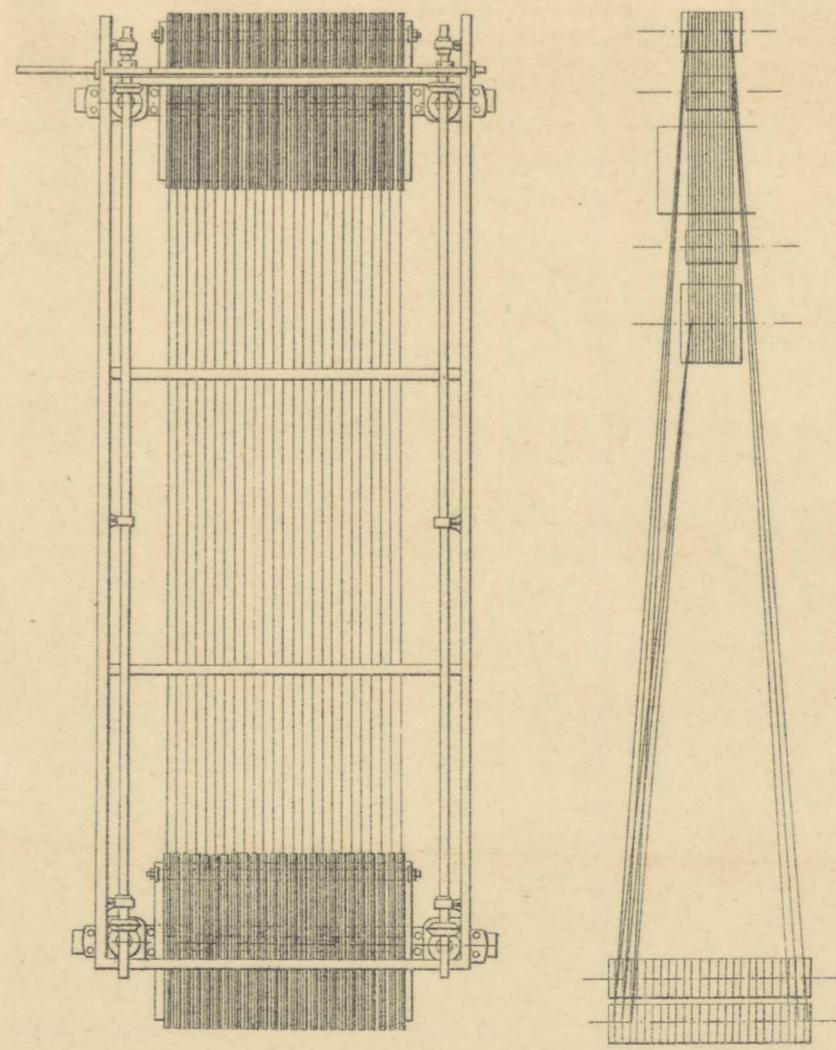
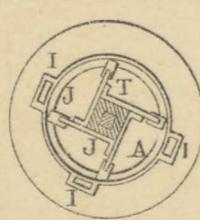


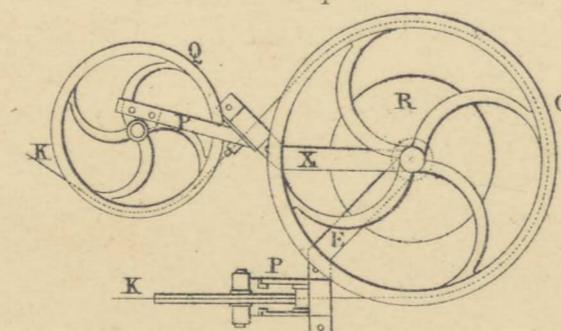
Fig. 3. Débitrice.

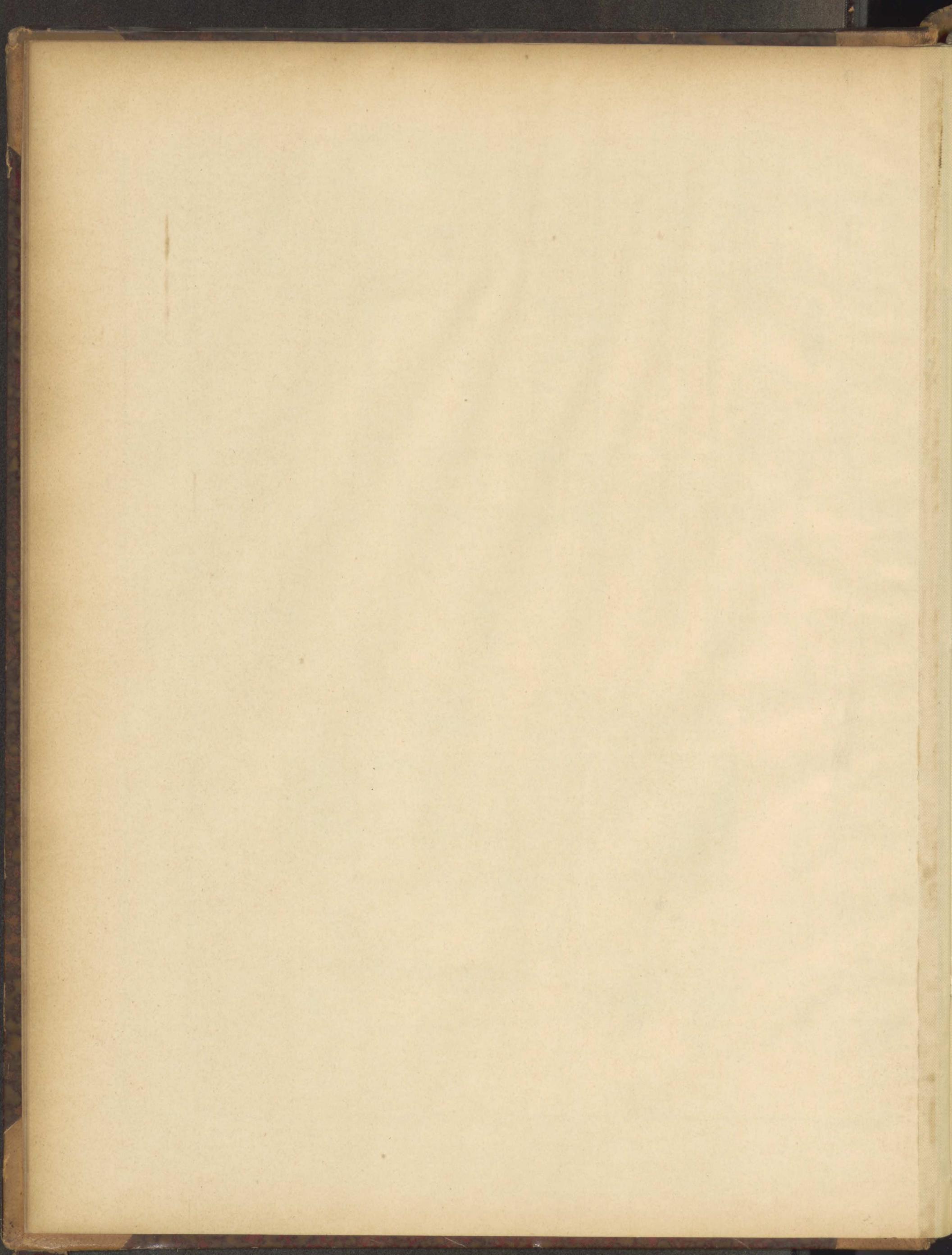


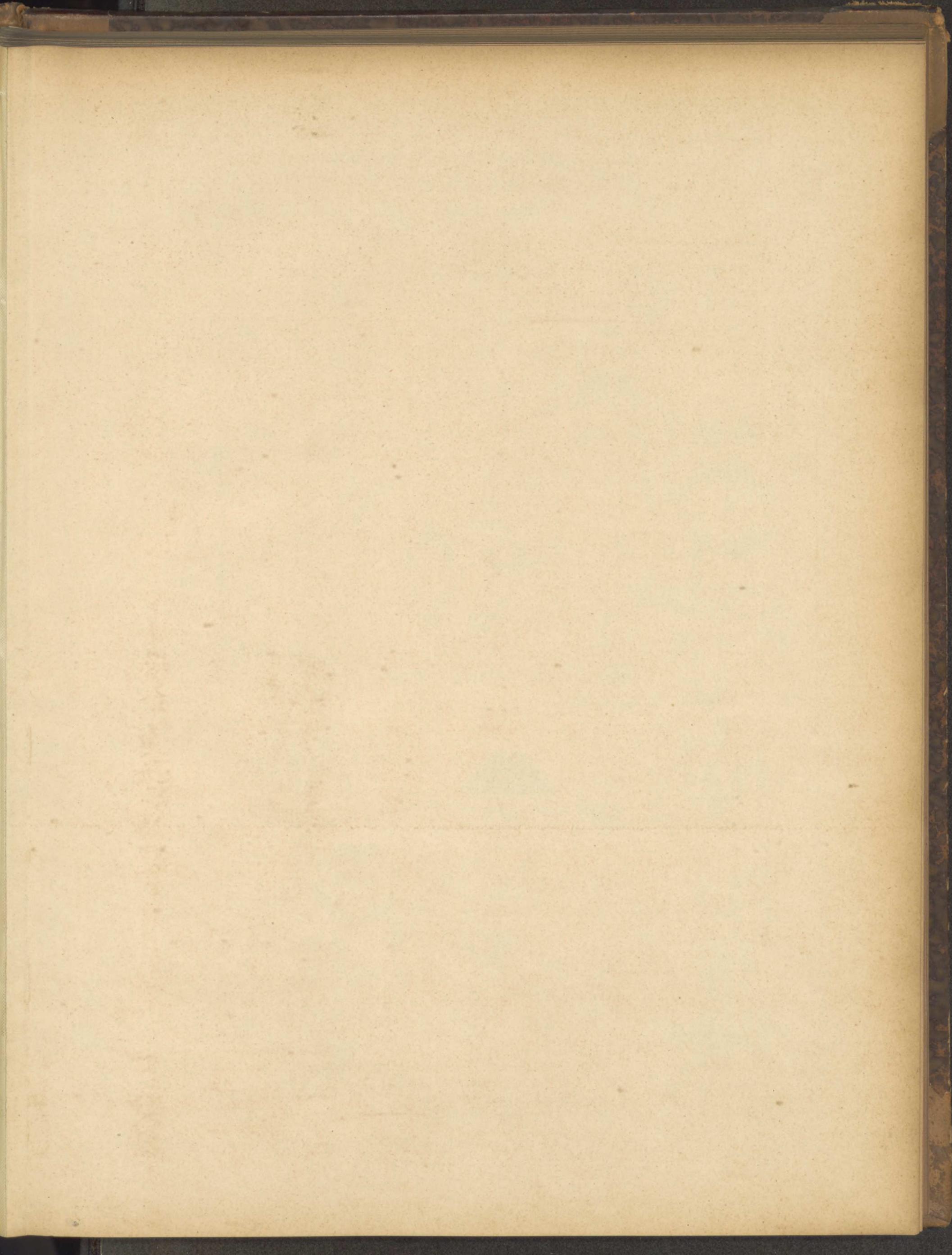
Coupe horizontale AB.



Vue en plan

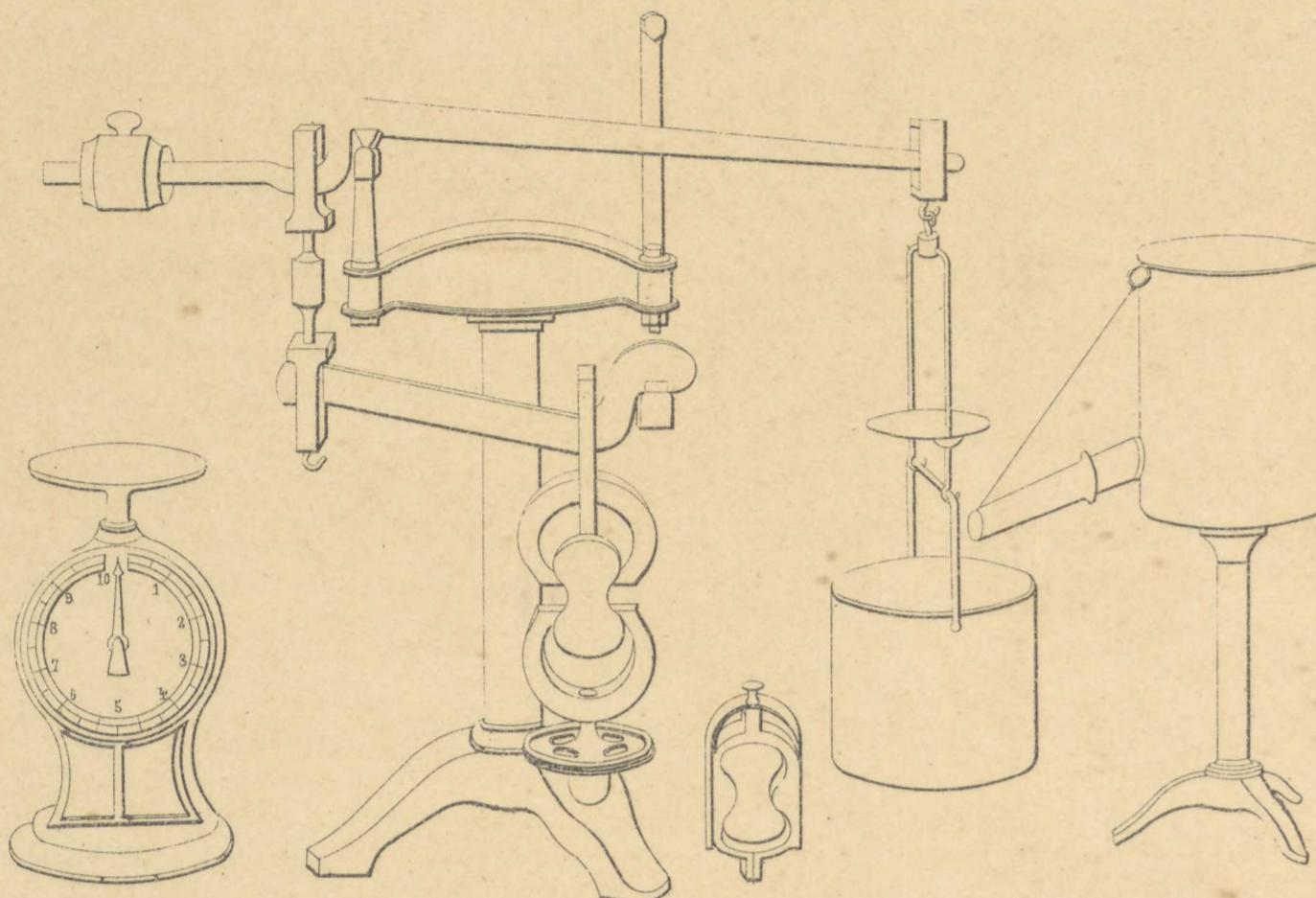






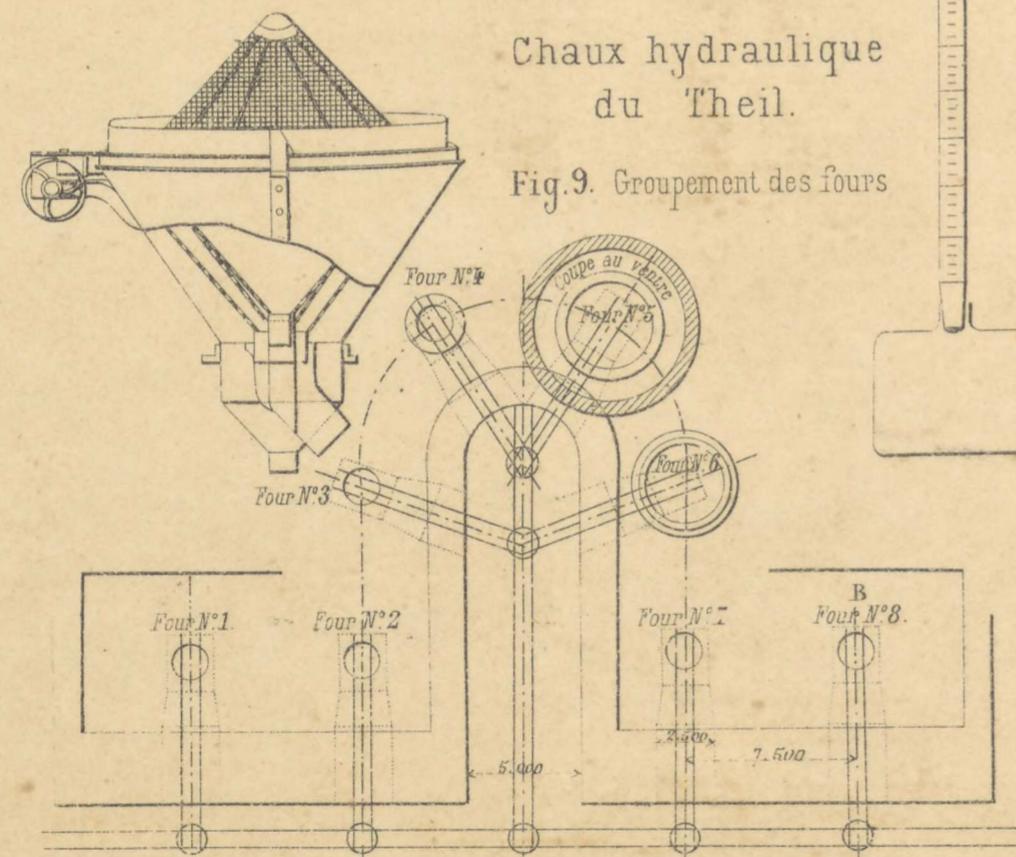
Nouvelle machine pour les essais de ciment.

Fig. 1. Machine Michælis.



Ciments de la Porte de France.

Fig. 2.



Chaux hydraulique du Theil.

Fig. 9. Groupement des fours

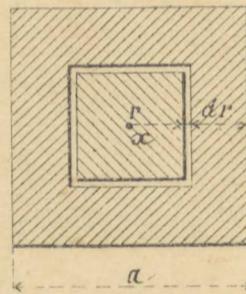
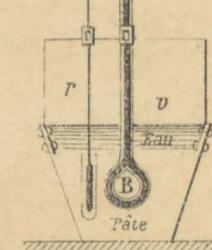


Fig. 3.



Appareil Nivet, pour les essais des ciments.

Fig. 5.

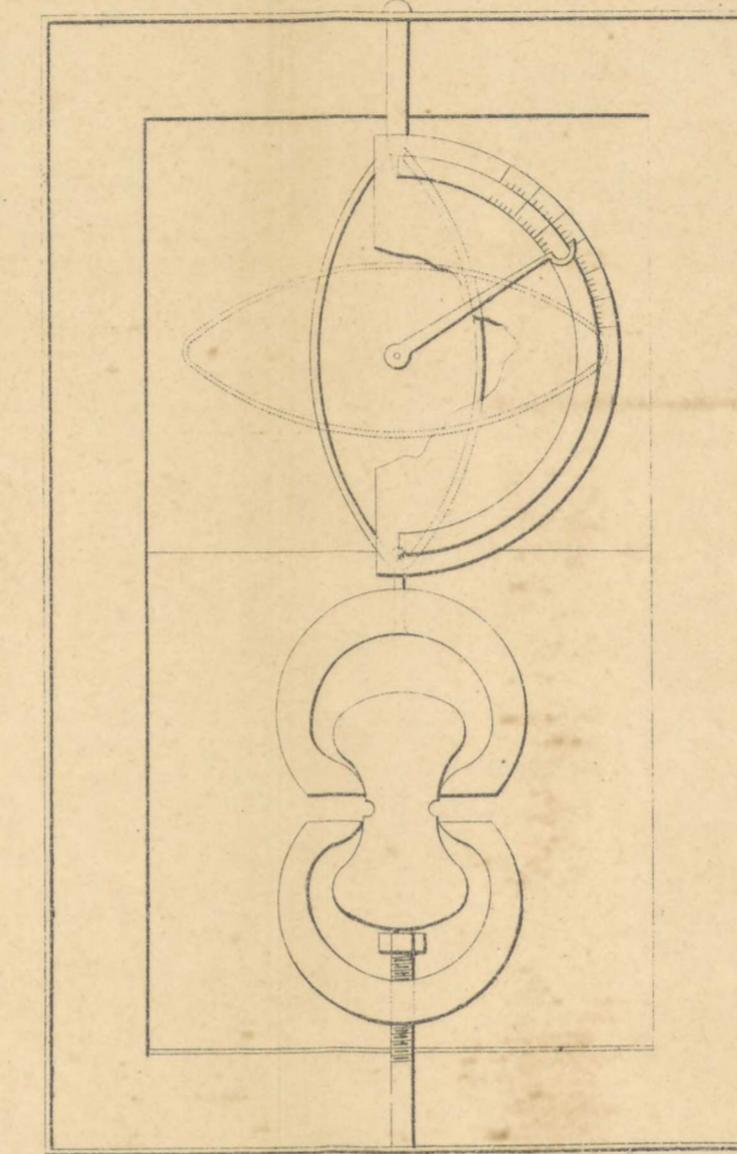


Fig. 4. Voluménomètre de Schuman

Chaux hydraulique du Theil.

Fig. 10. Coupe verticale d'un four.

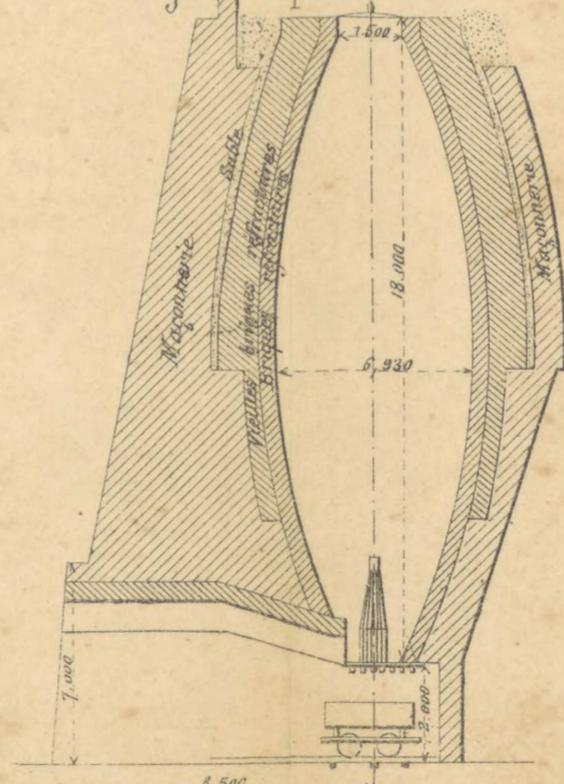
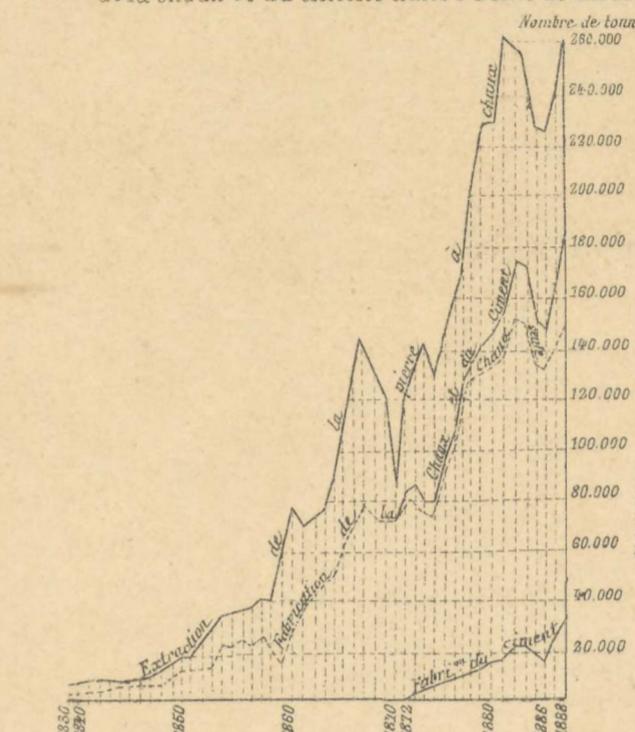


Fig. 8. Courbes représentant la production annuelle de la chaux et du ciment dans l'usine de Lafarge



Coupe verticale

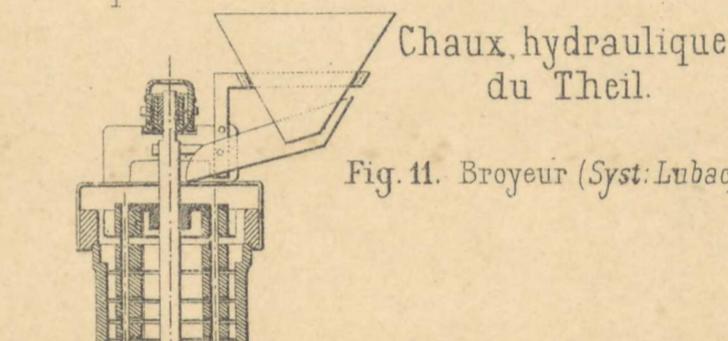
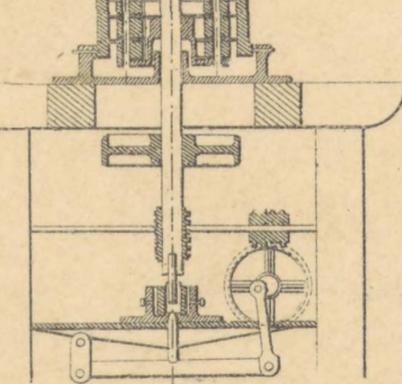
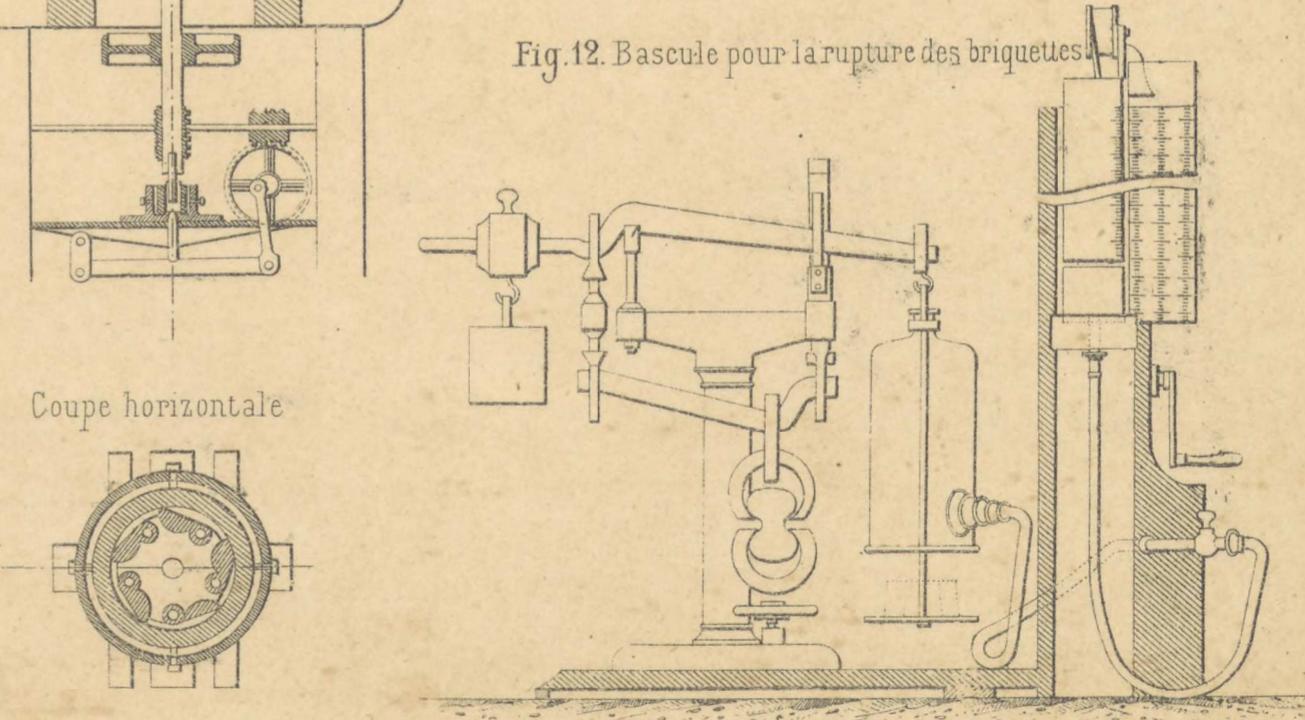


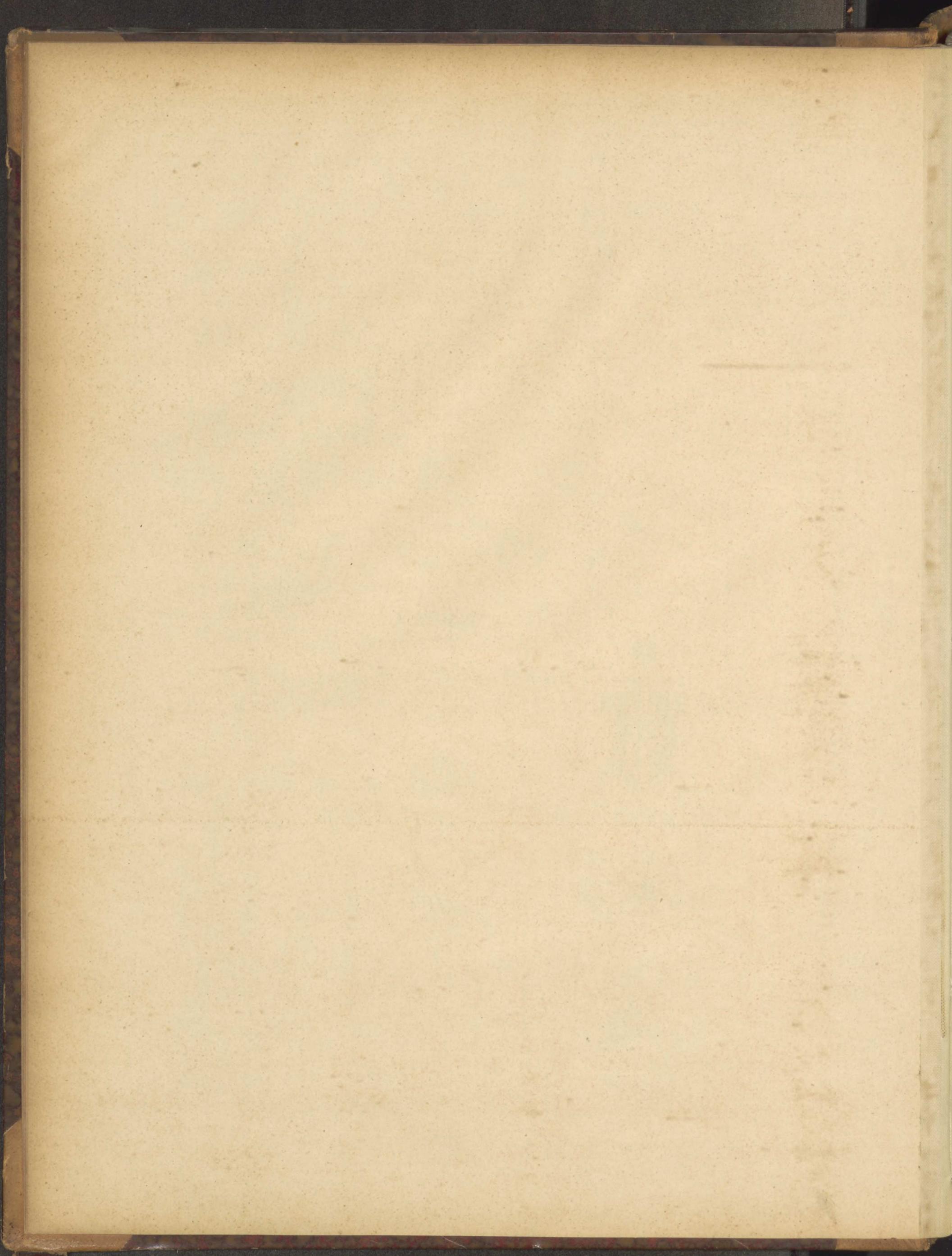
Fig. 11. Broyeur (Syst: Lubac)



Usine de Frangey. Machine Quillot.

Fig. 12. Bascule pour la rupture des briquettes





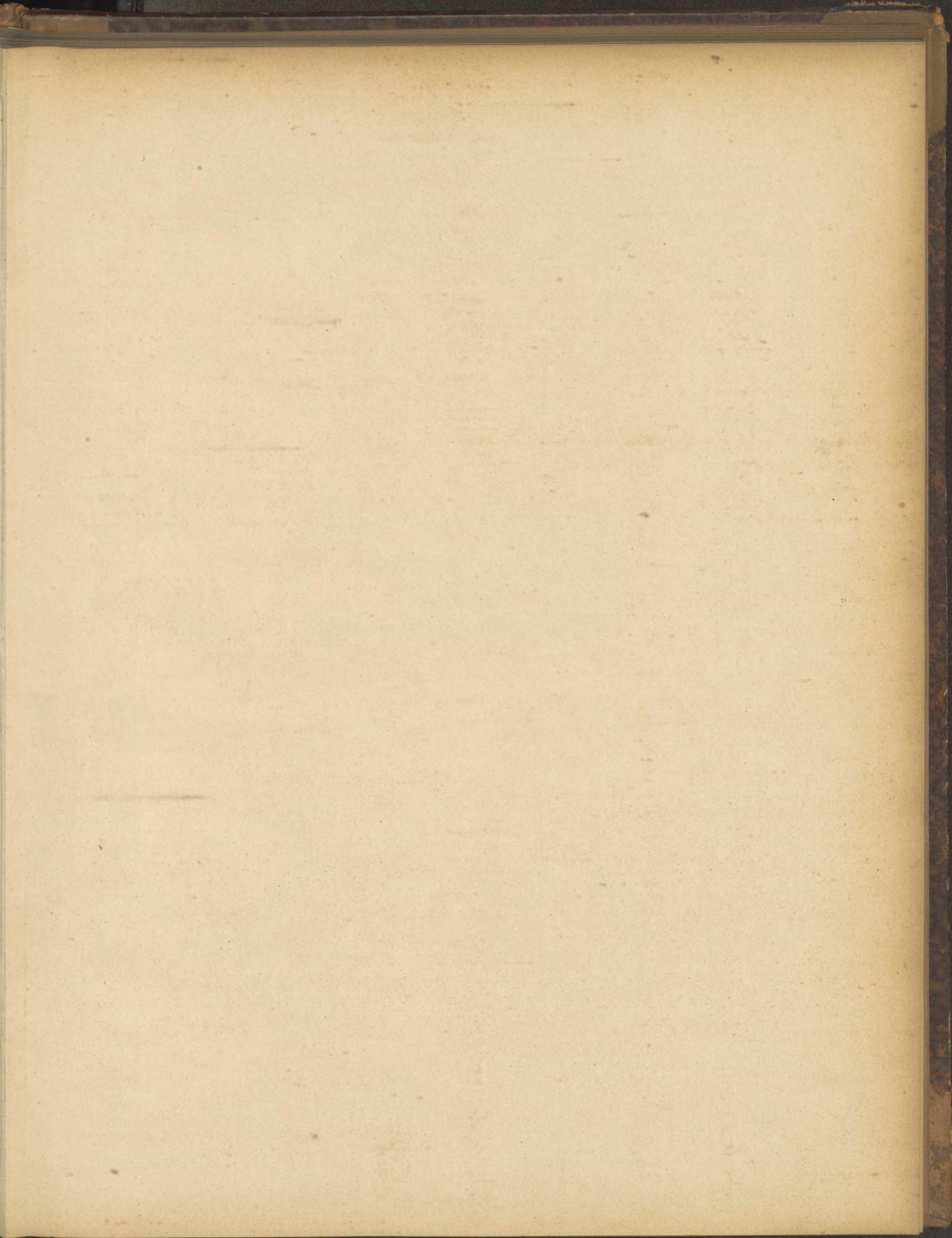


Fig. 1. Usine de Berry-au-Bac. (Aisne)

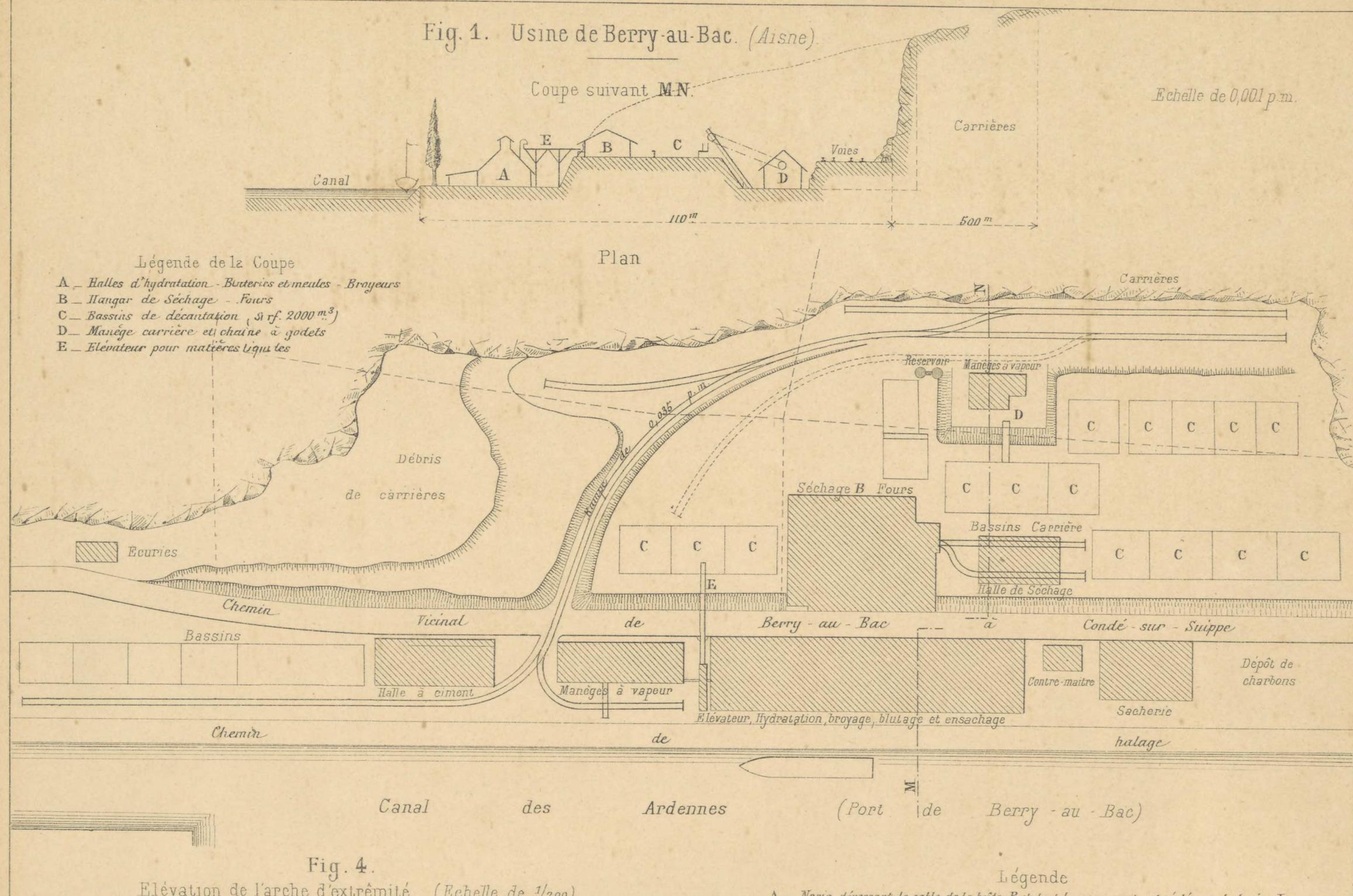
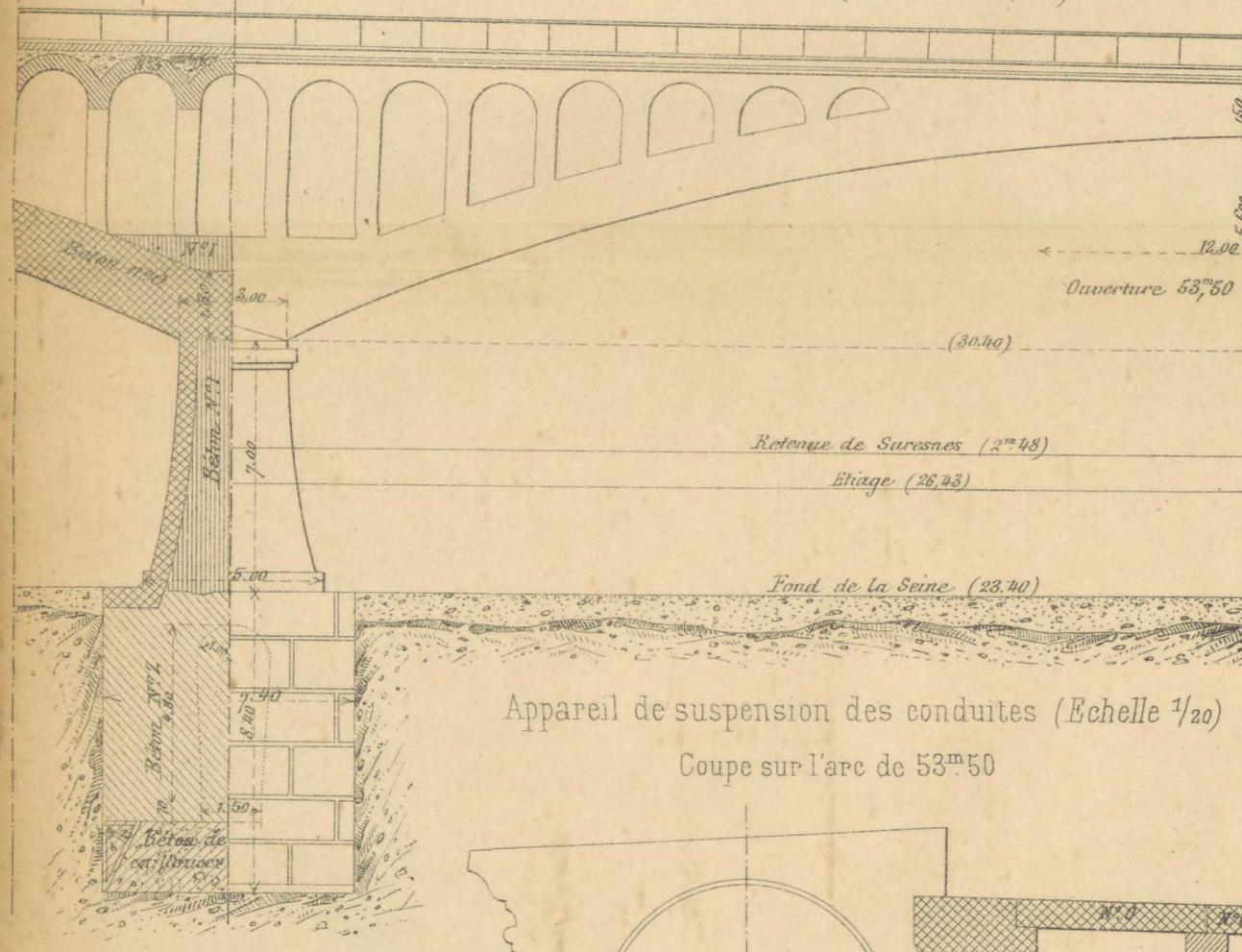
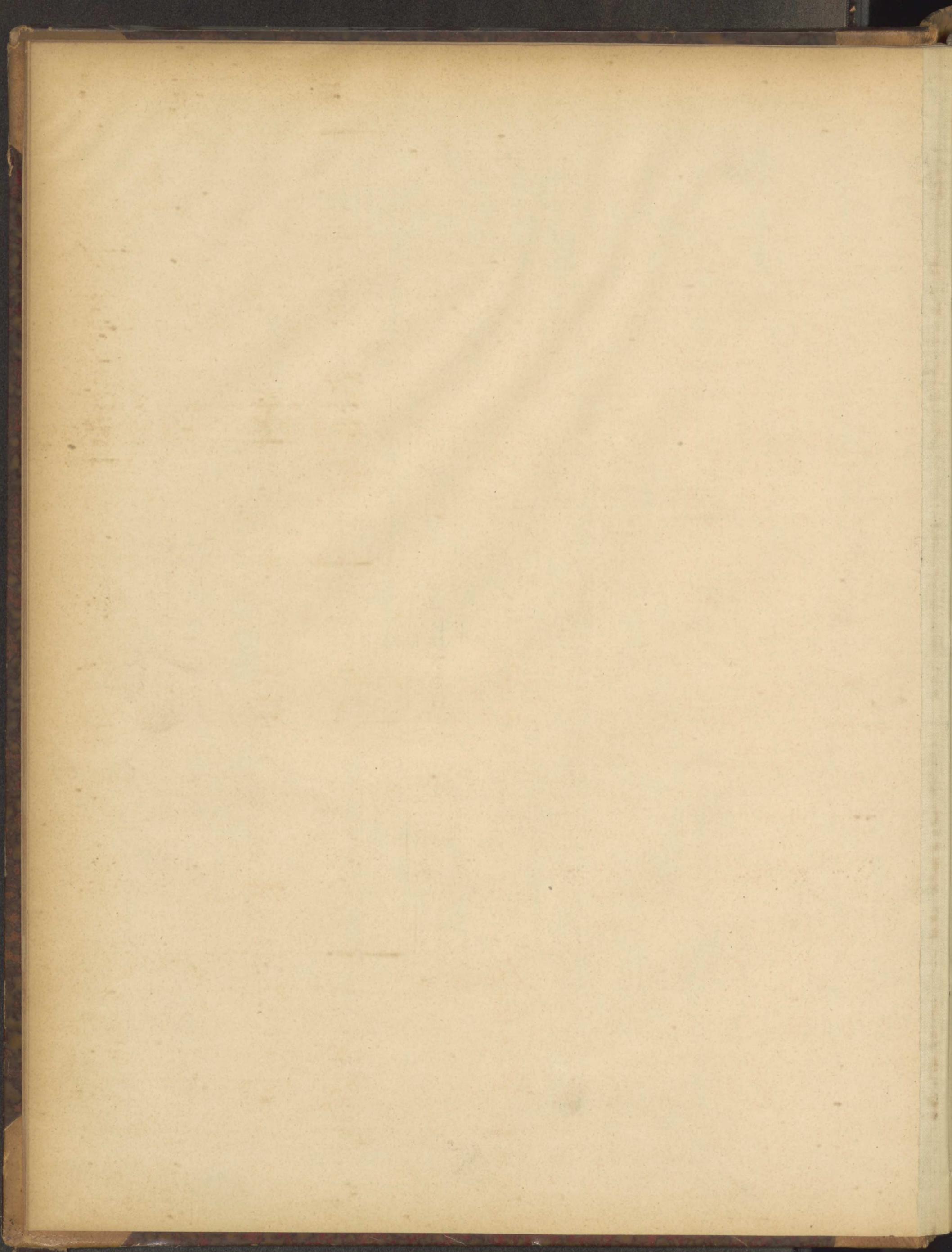
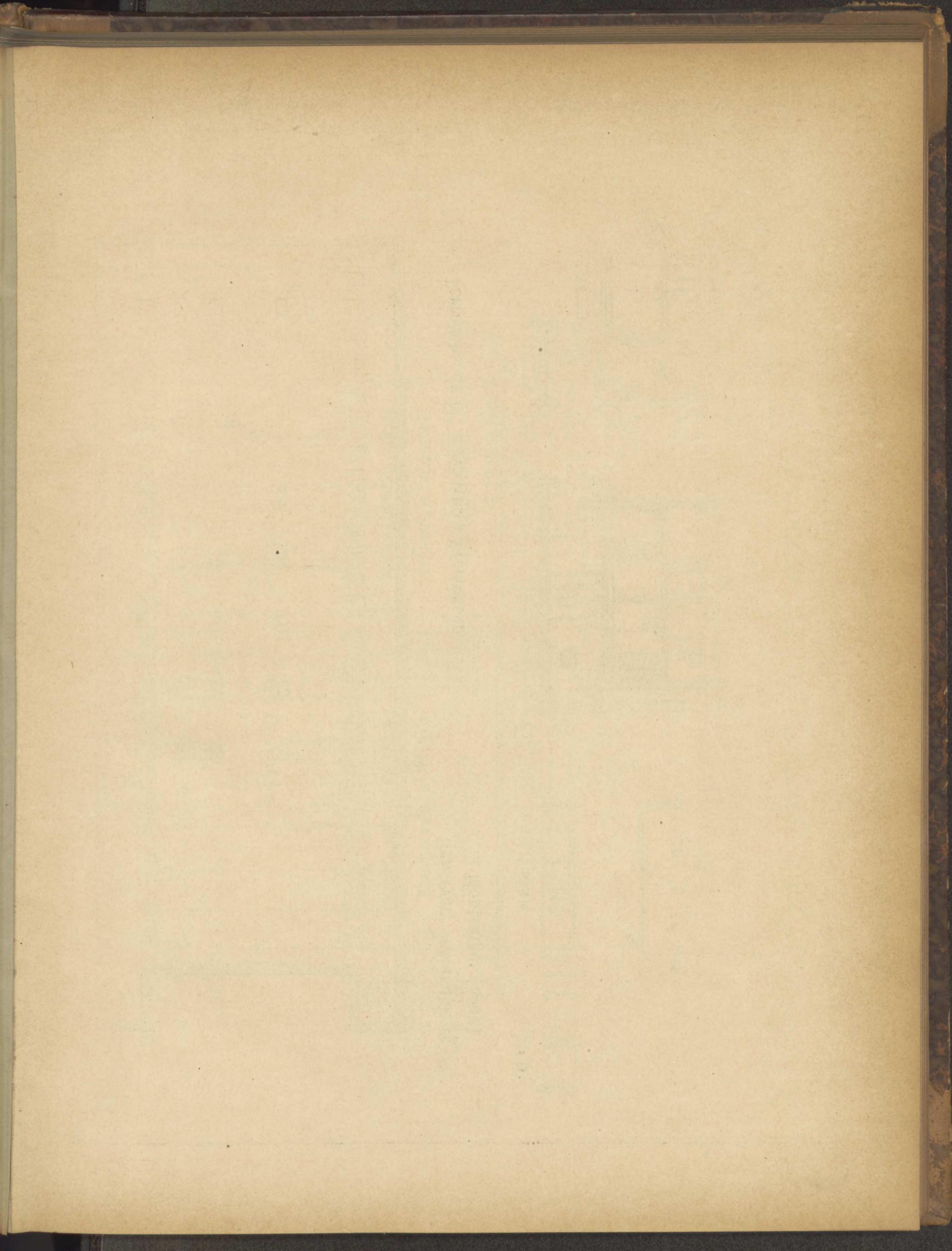


Fig. 4. Elévation de l'arche d'extrémité (Echelle de 1/200)





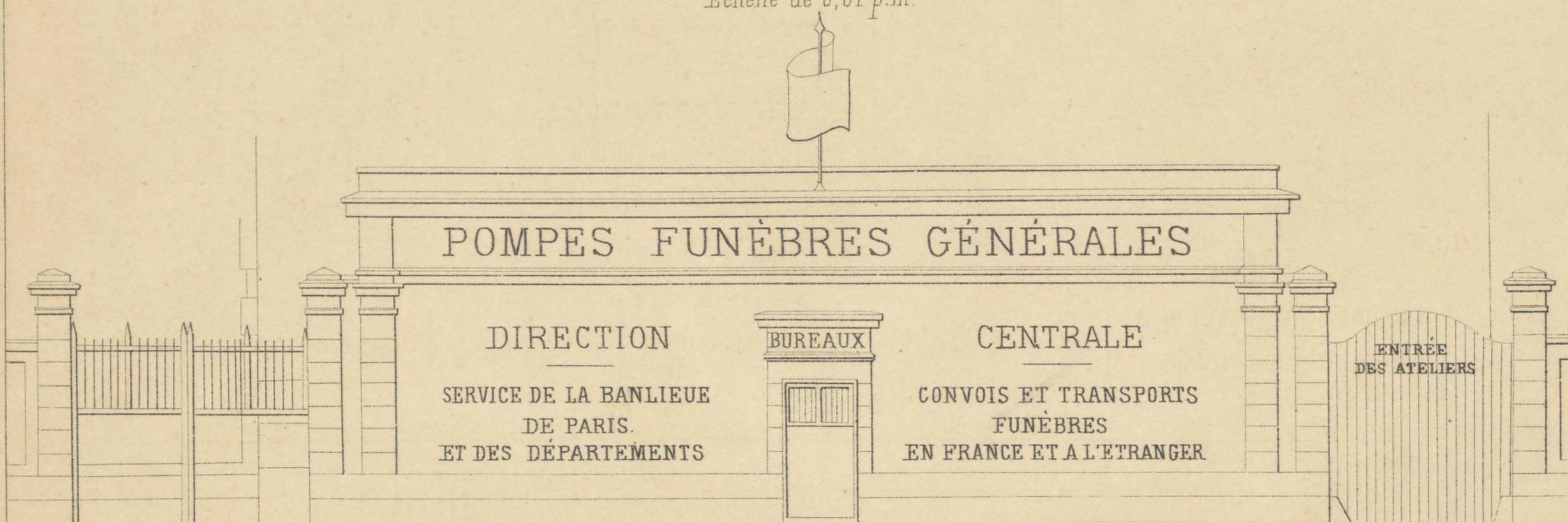


TRAVAUX EN CIMENT AVEC OSSATURE MÉTALLIQUE.

Système P. Cottancin.

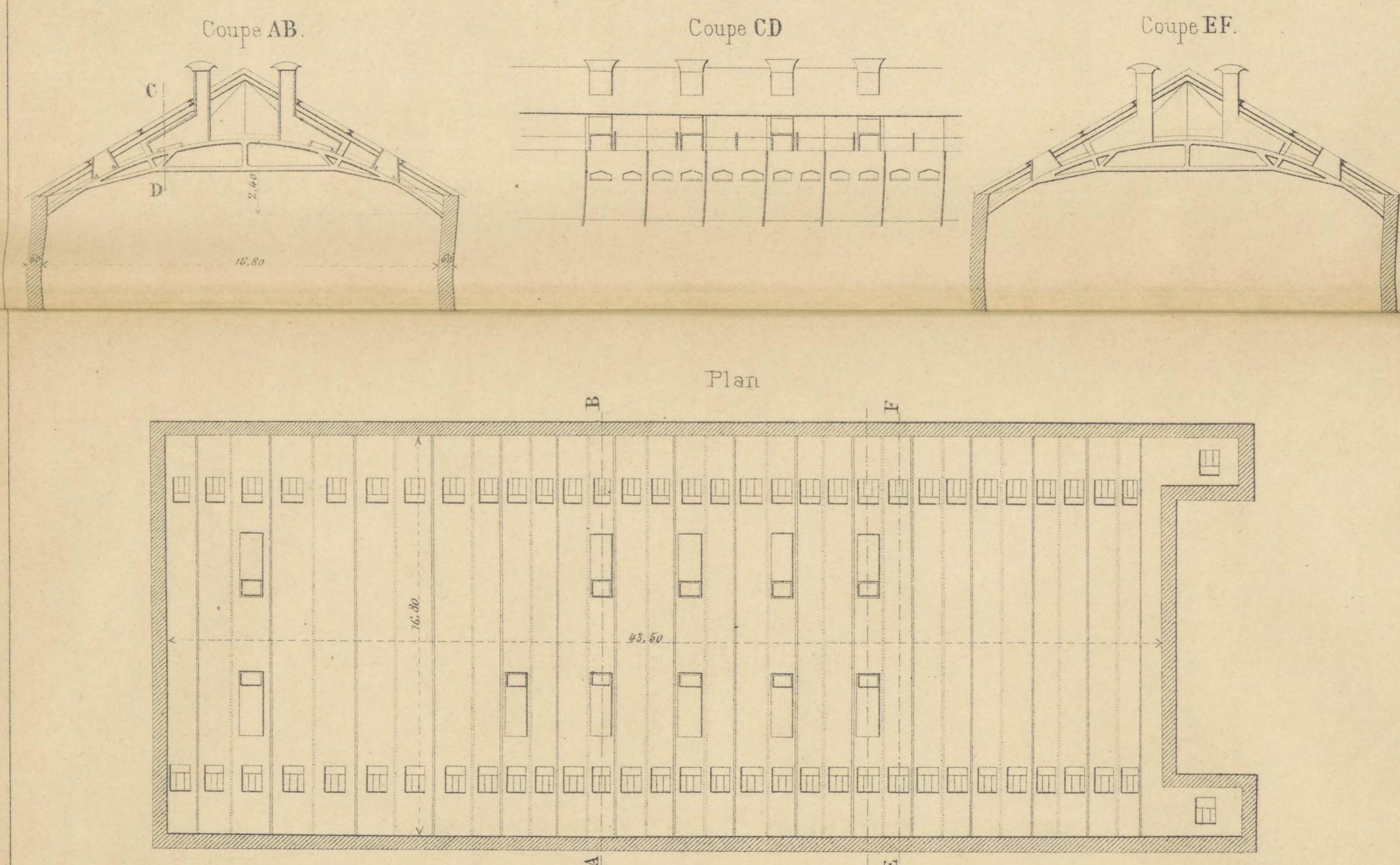
Administration des Pompes Funèbres (Boulevard Richard Lenoir, 66)

Echelle de 0,01 p.m.



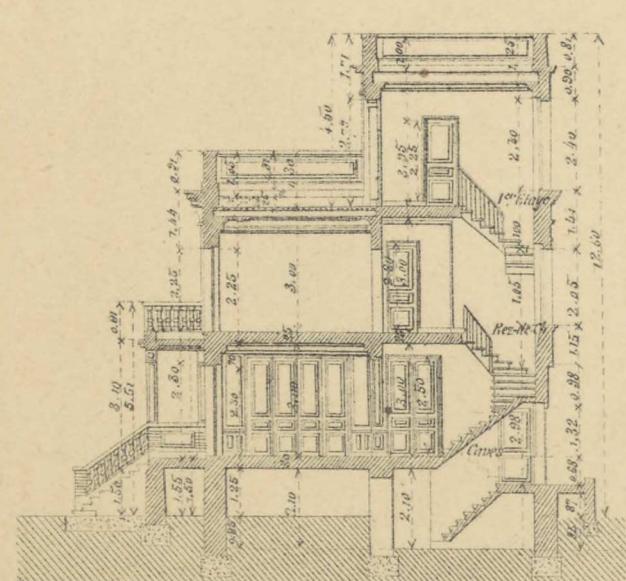
Papeteries de la Haye-Descartes

Echelle de 1/0,005 p.m.

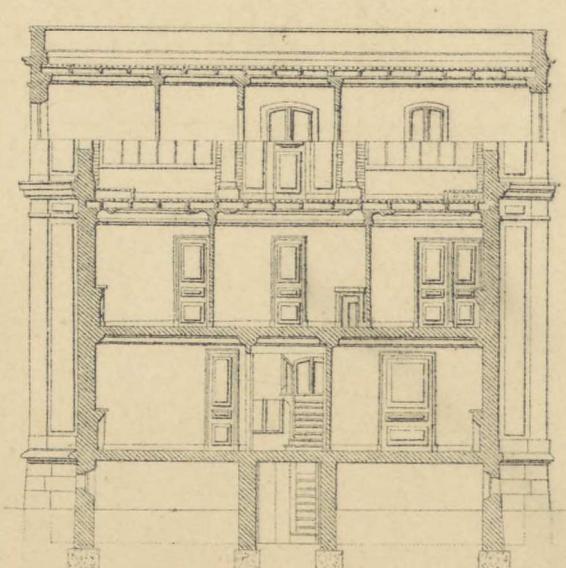


Terrasses de M^r Teyssier à Vaucresson.

Echelle de 1/0,005 p.m.



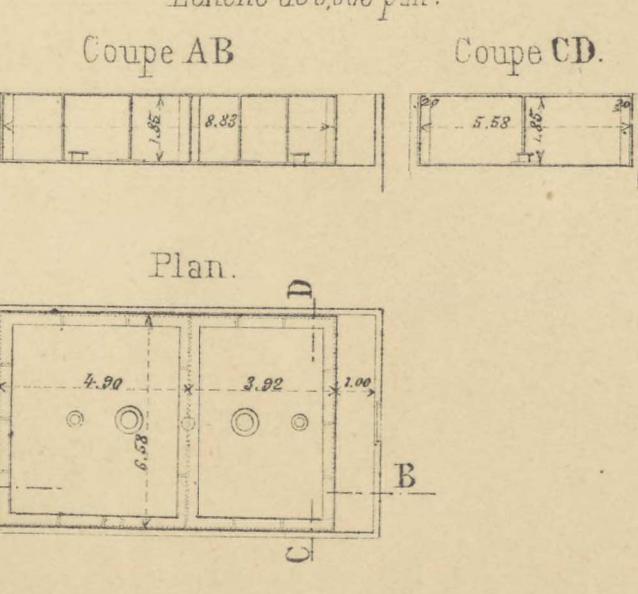
Coupe sur le vestibule



Coupe sur les terrasses

Réervoir rectangulaire à Montretout (Seine)

Echelle de 1/0,005 p.m.



Plan.

D

B

C

A

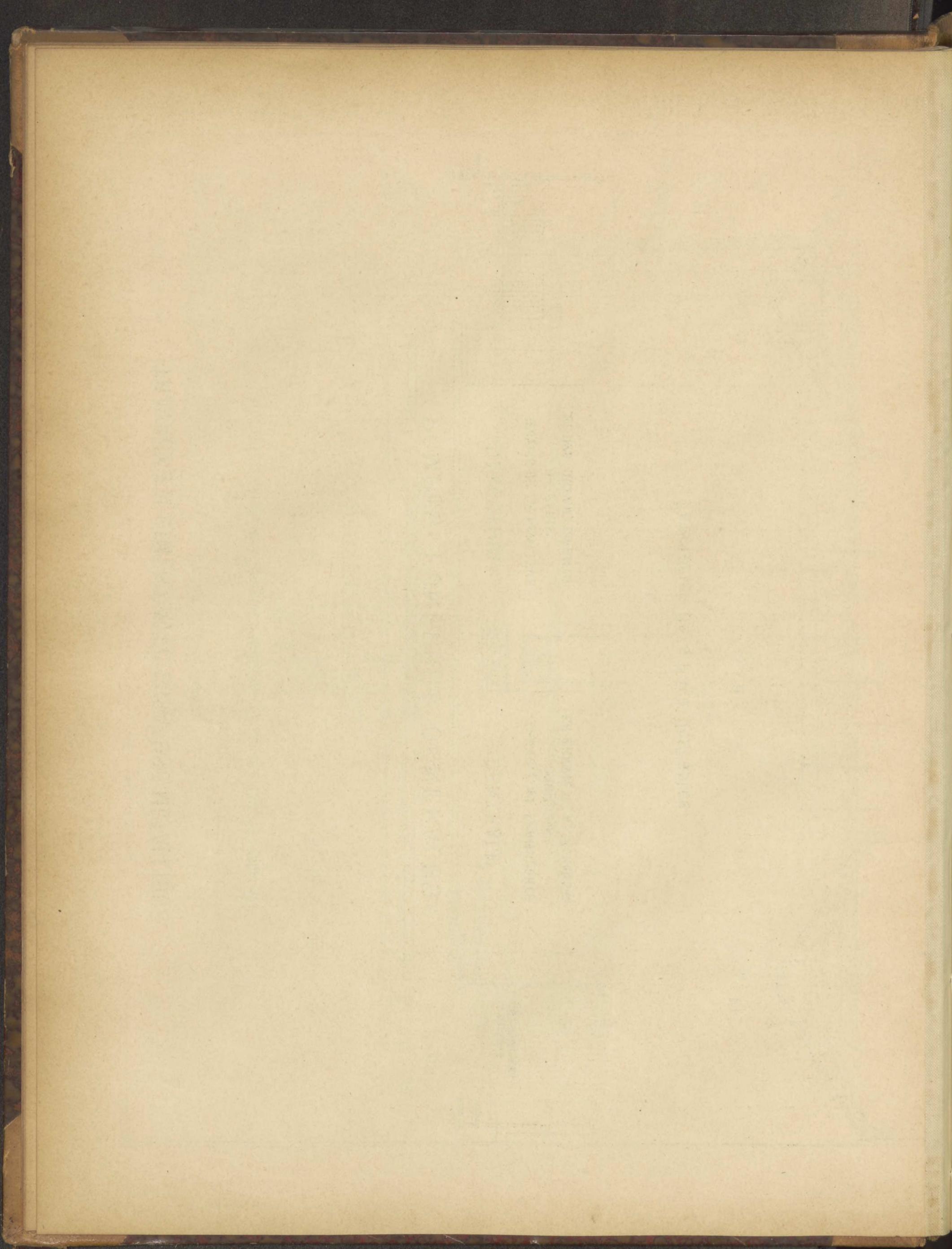
Plan.

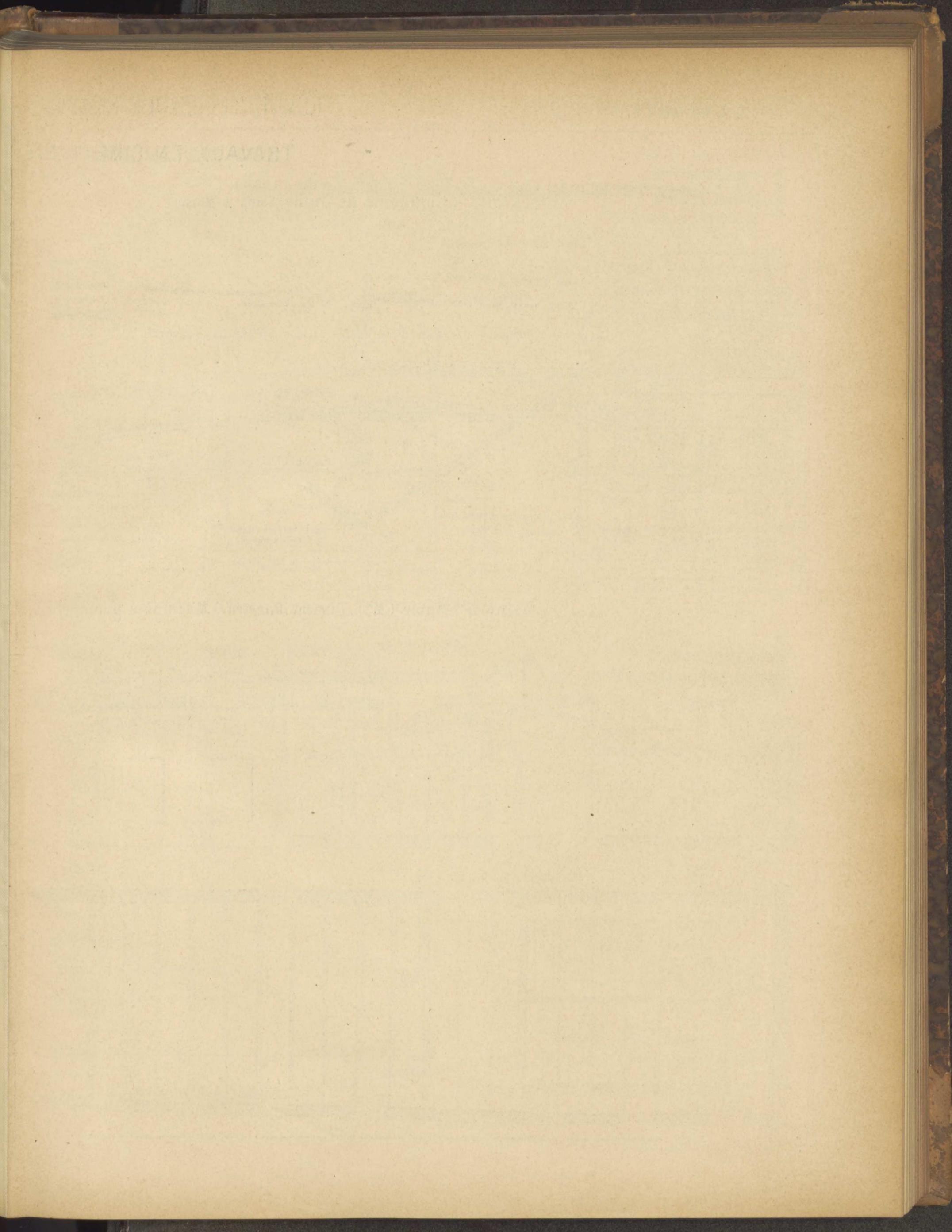
D

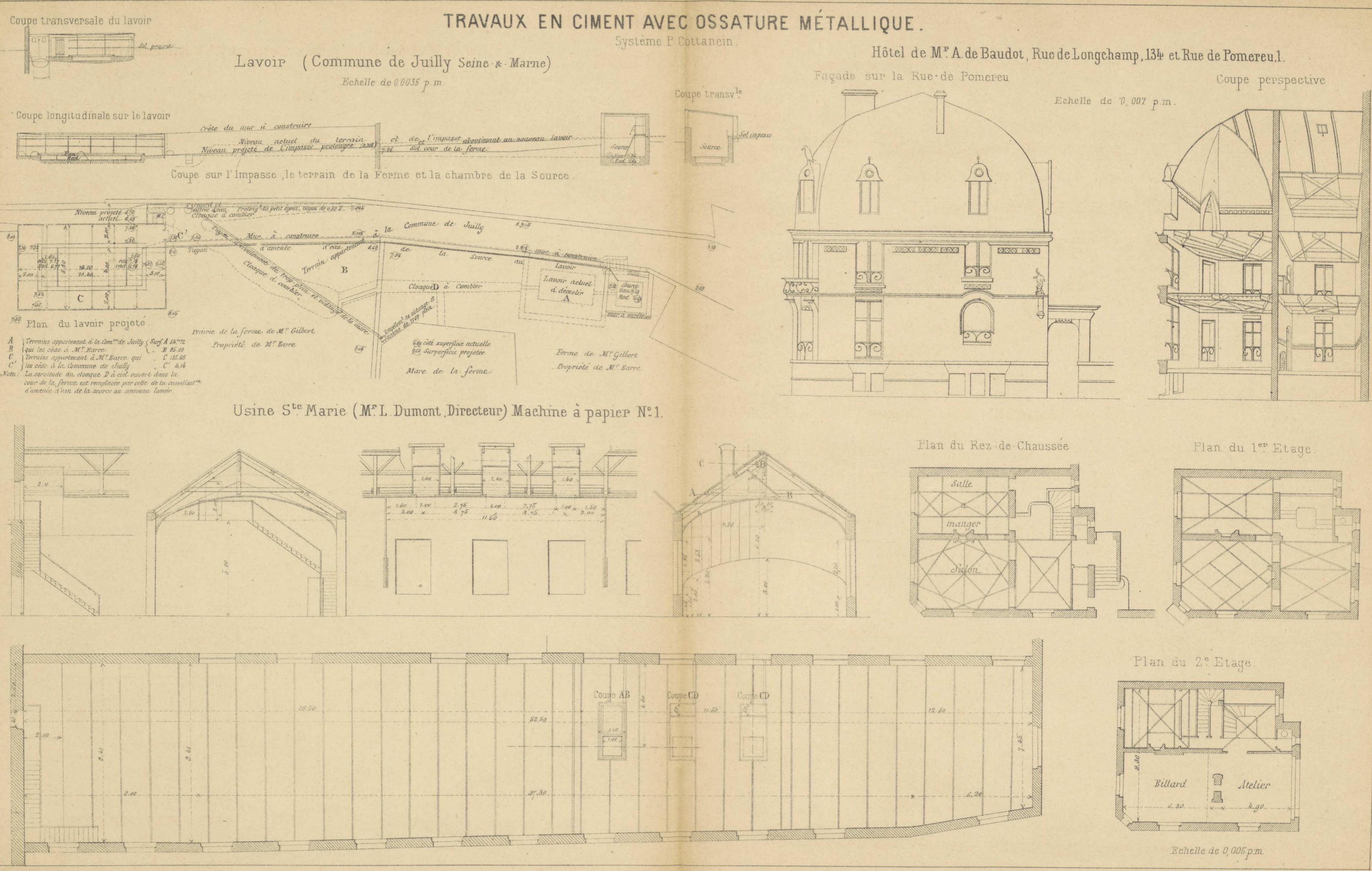
B

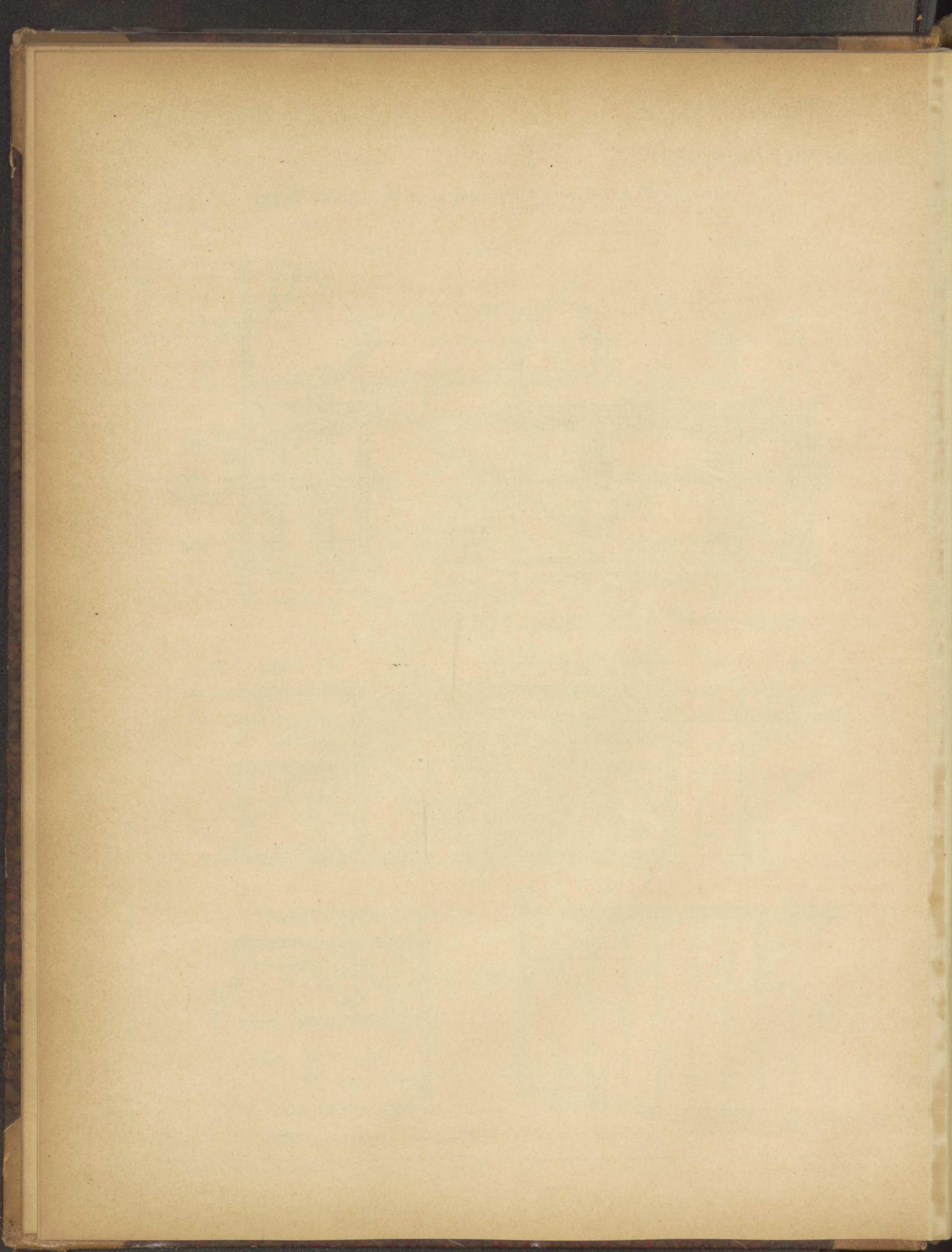
C

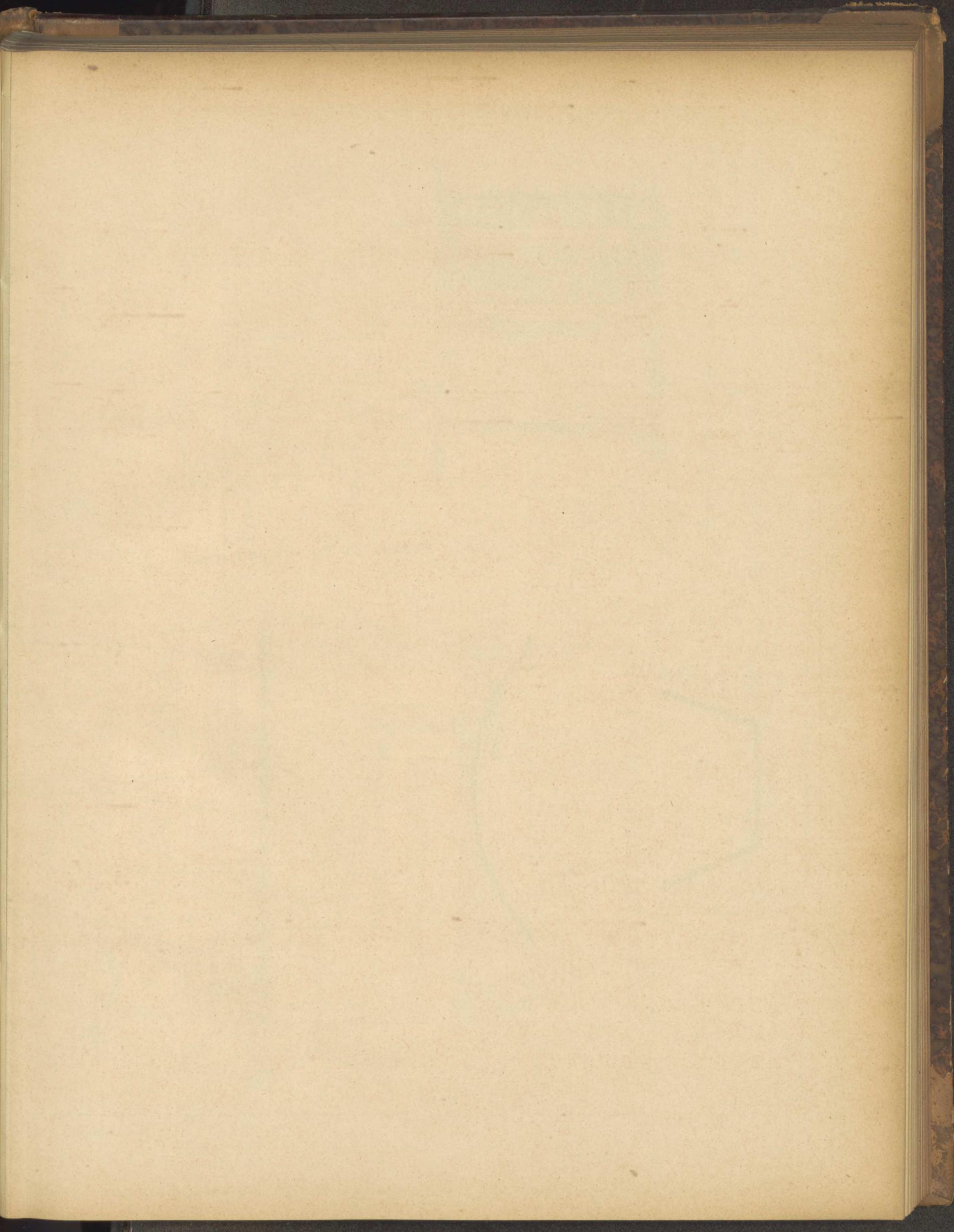
A











COMPAGNIE GÉNÉRALE DES ASPHALTES DE FRANCE.

Fig. 1. Plan de la Concession d'asphalte de Seyssel.

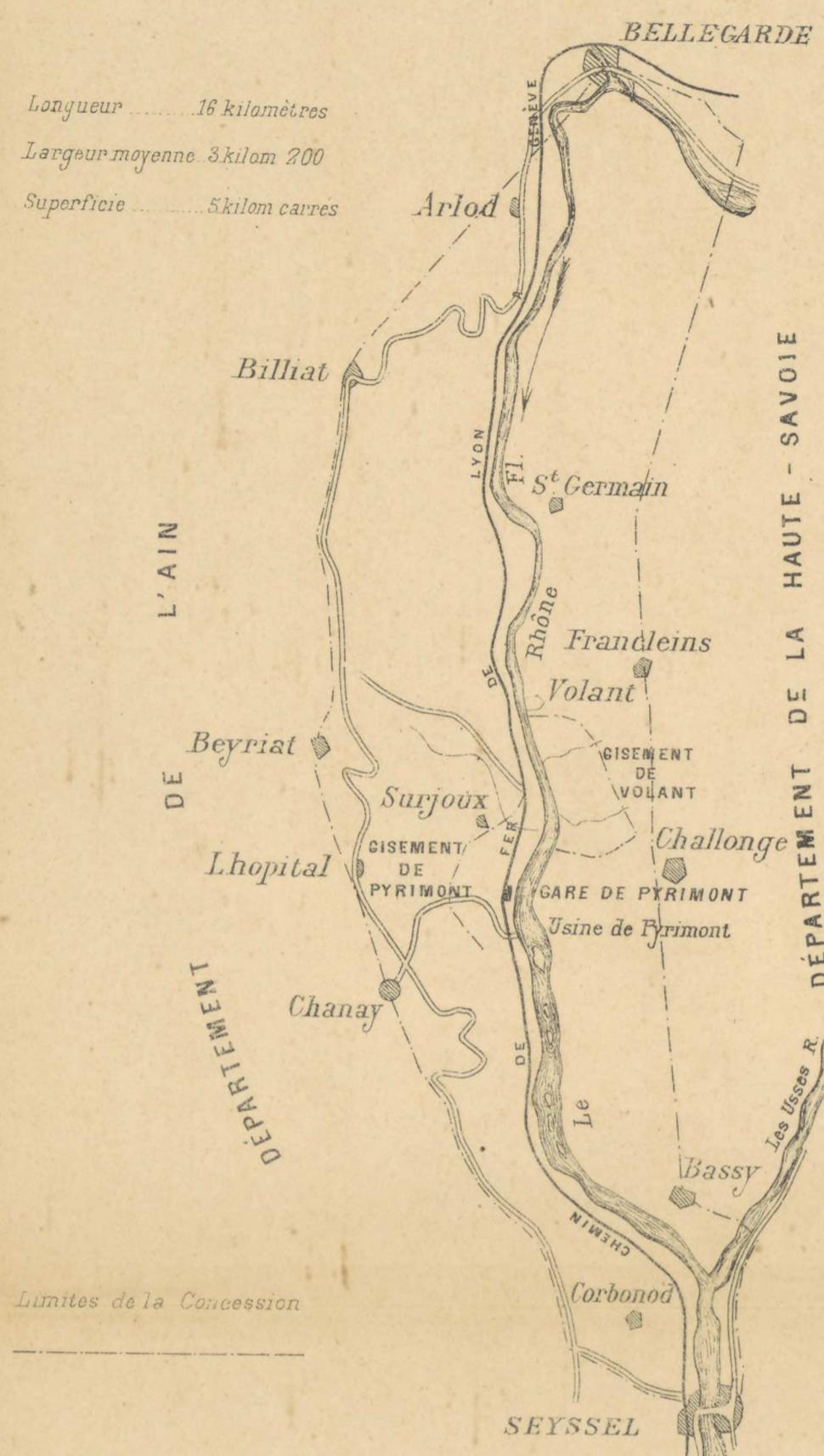


Fig. 2. Chaudière pour le mastic.

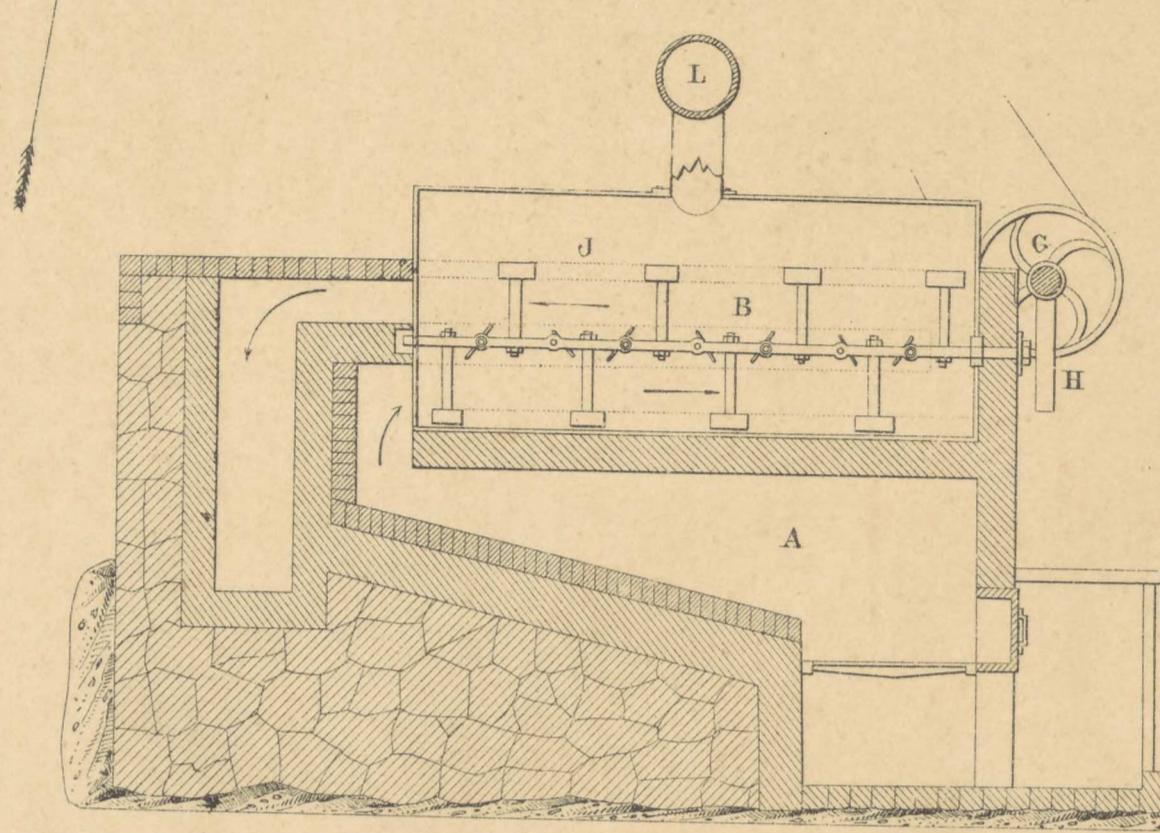


Fig. 3. Appareil rotatif.

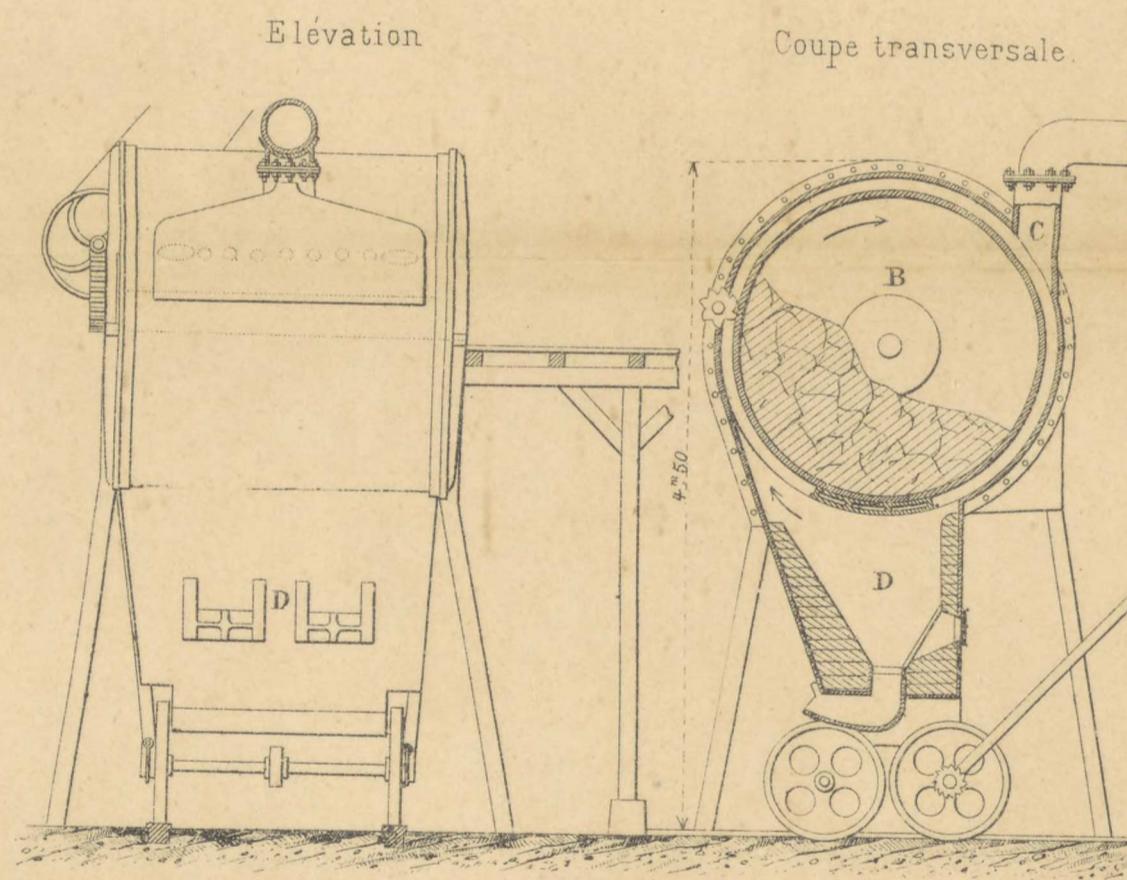


Fig. 6. Fondation de Marteau-Pilon.

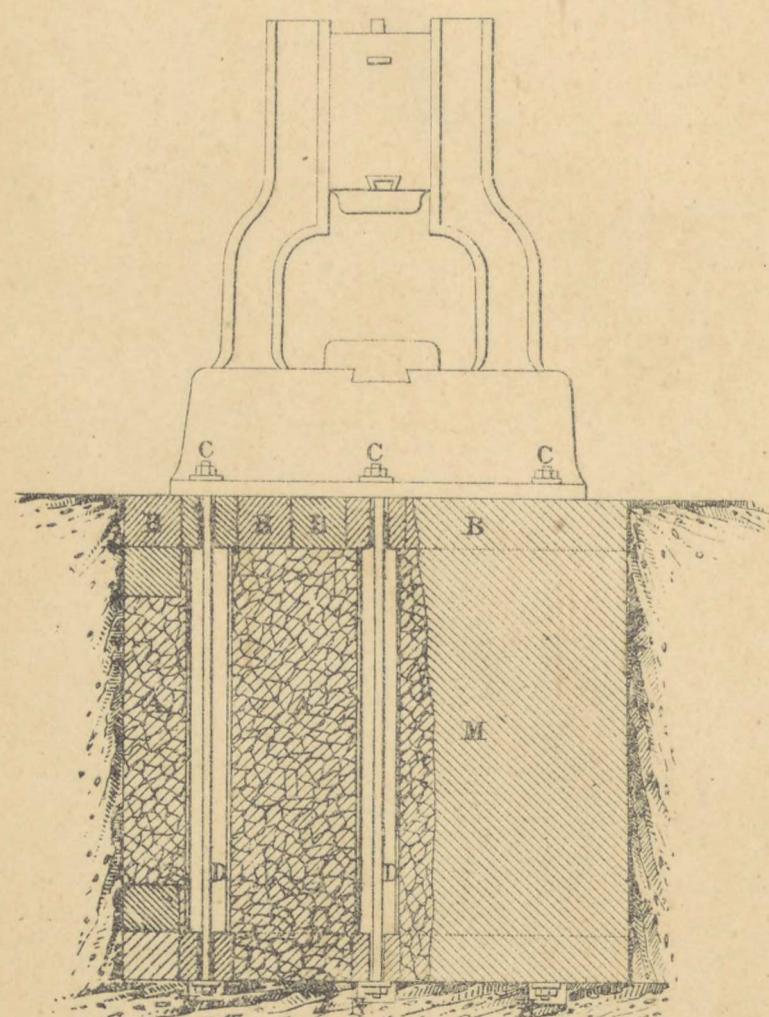


Fig. 4. Chapes en asphalte

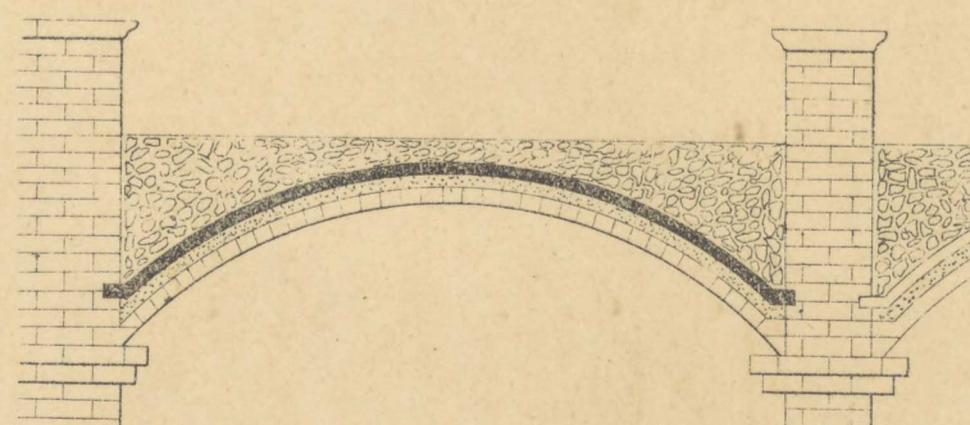
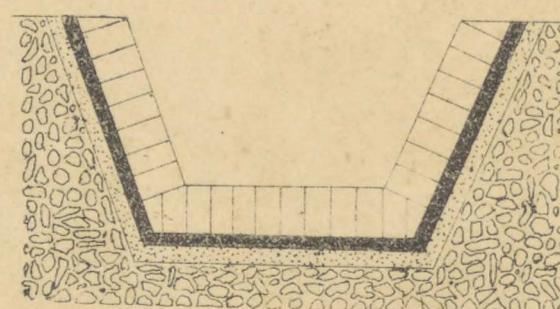
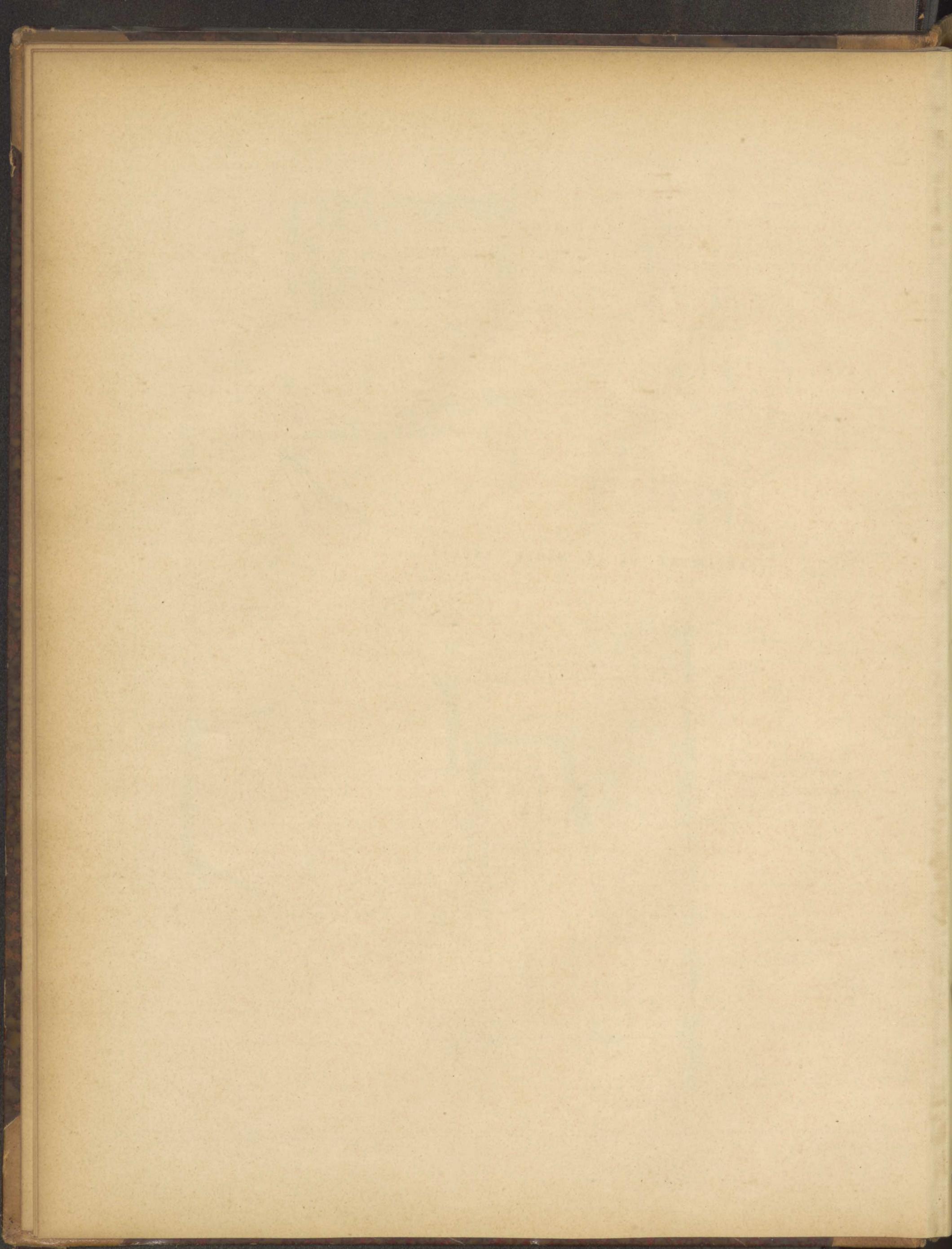
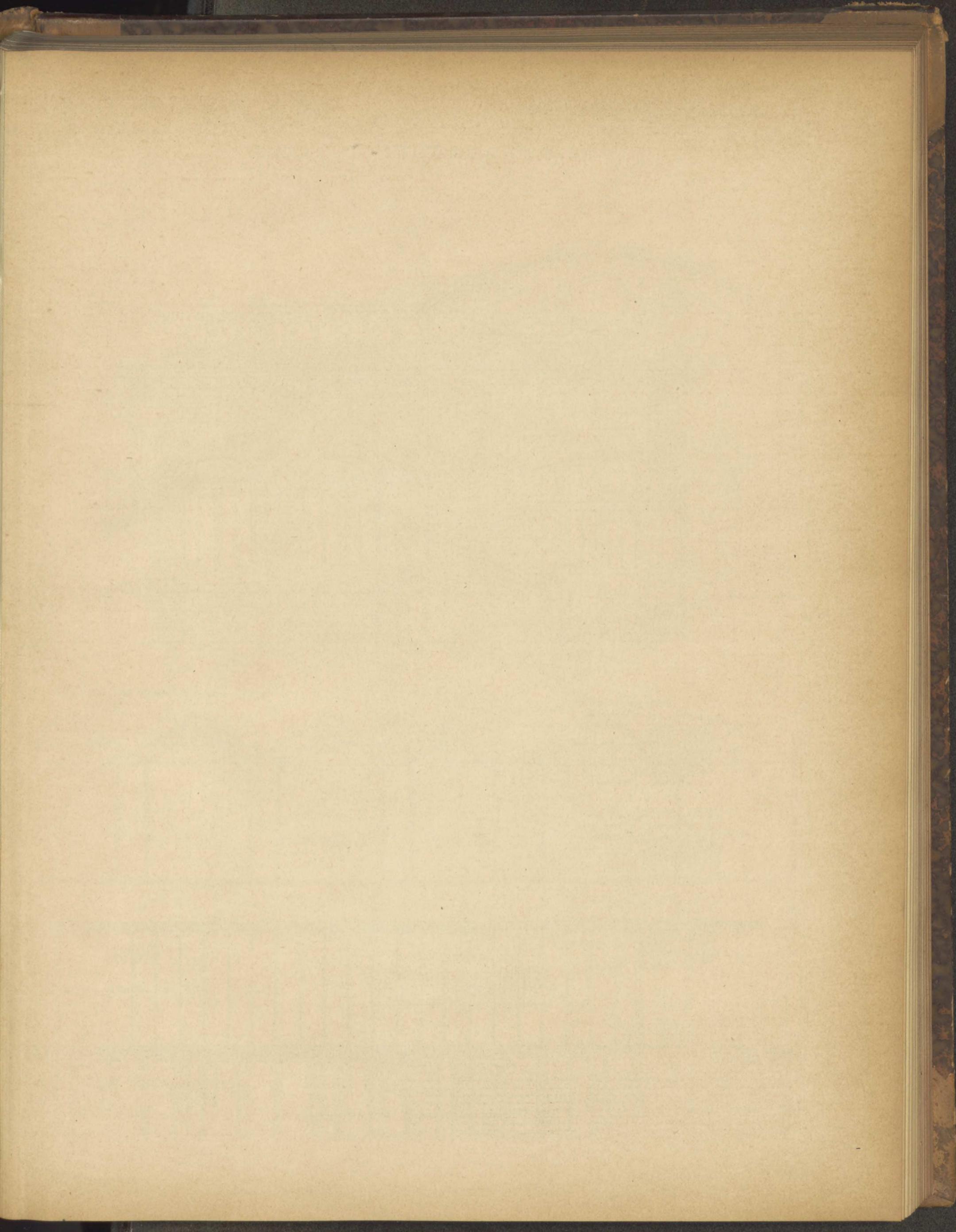
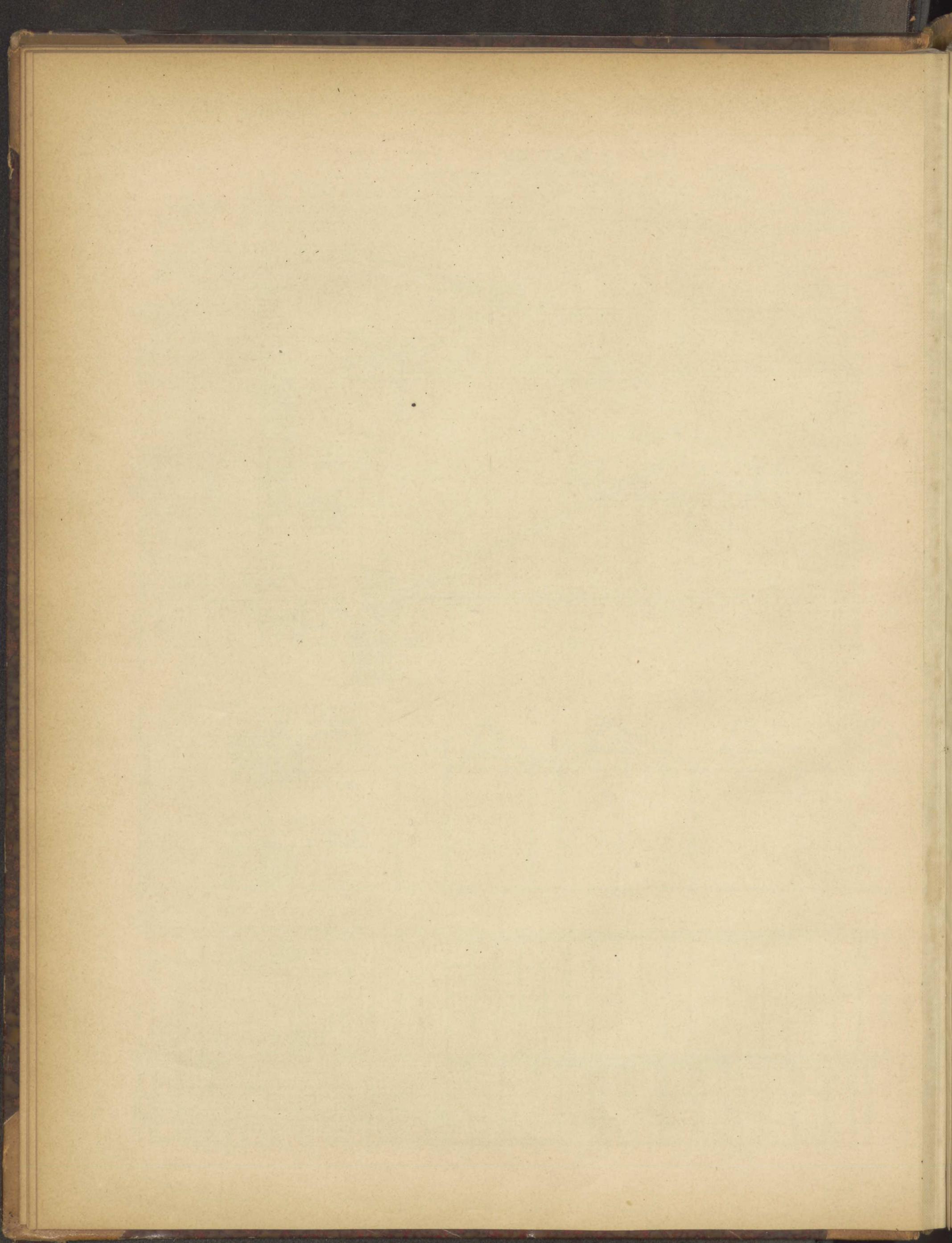


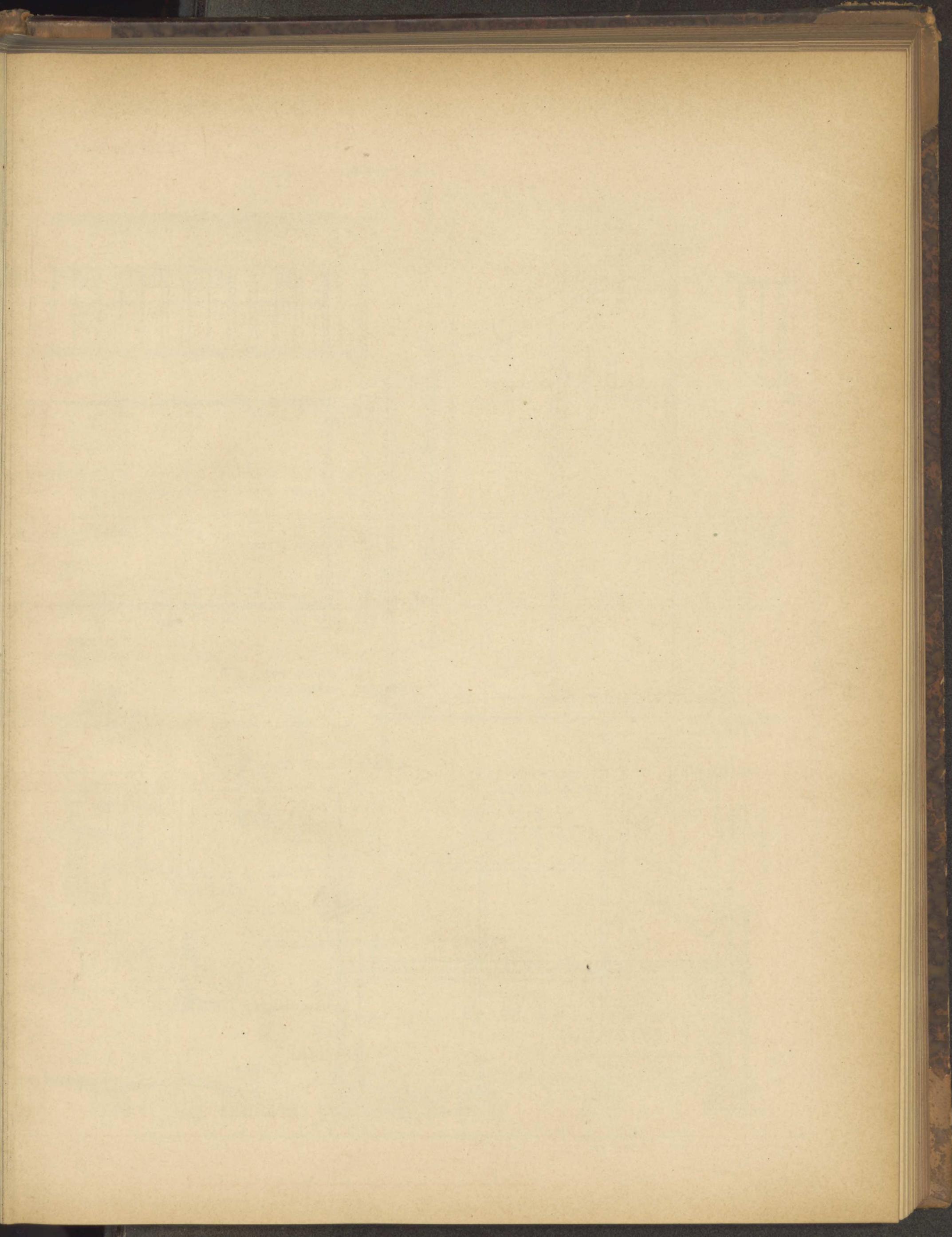
Fig. 5. Silos en mastic d'asphalte.

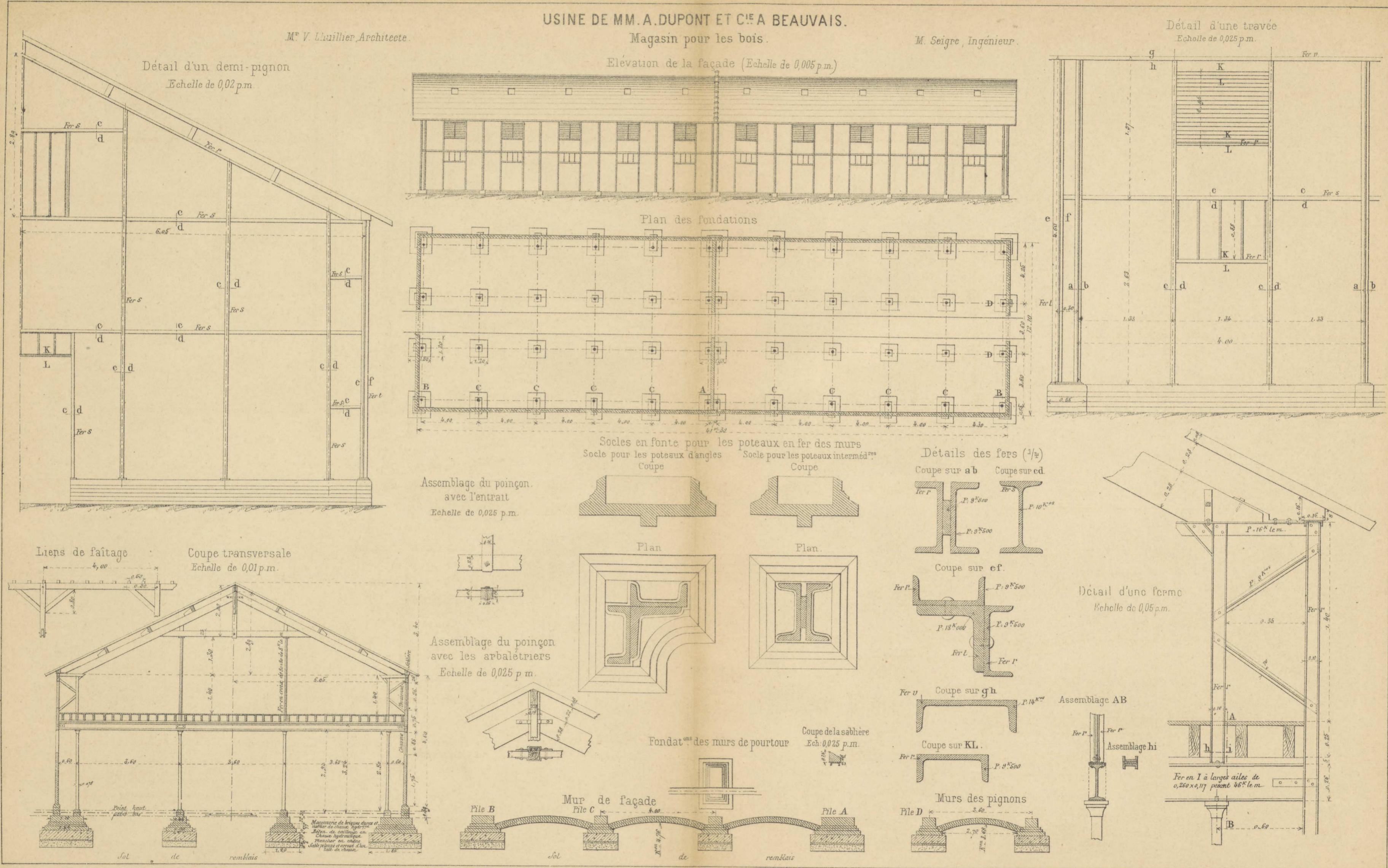


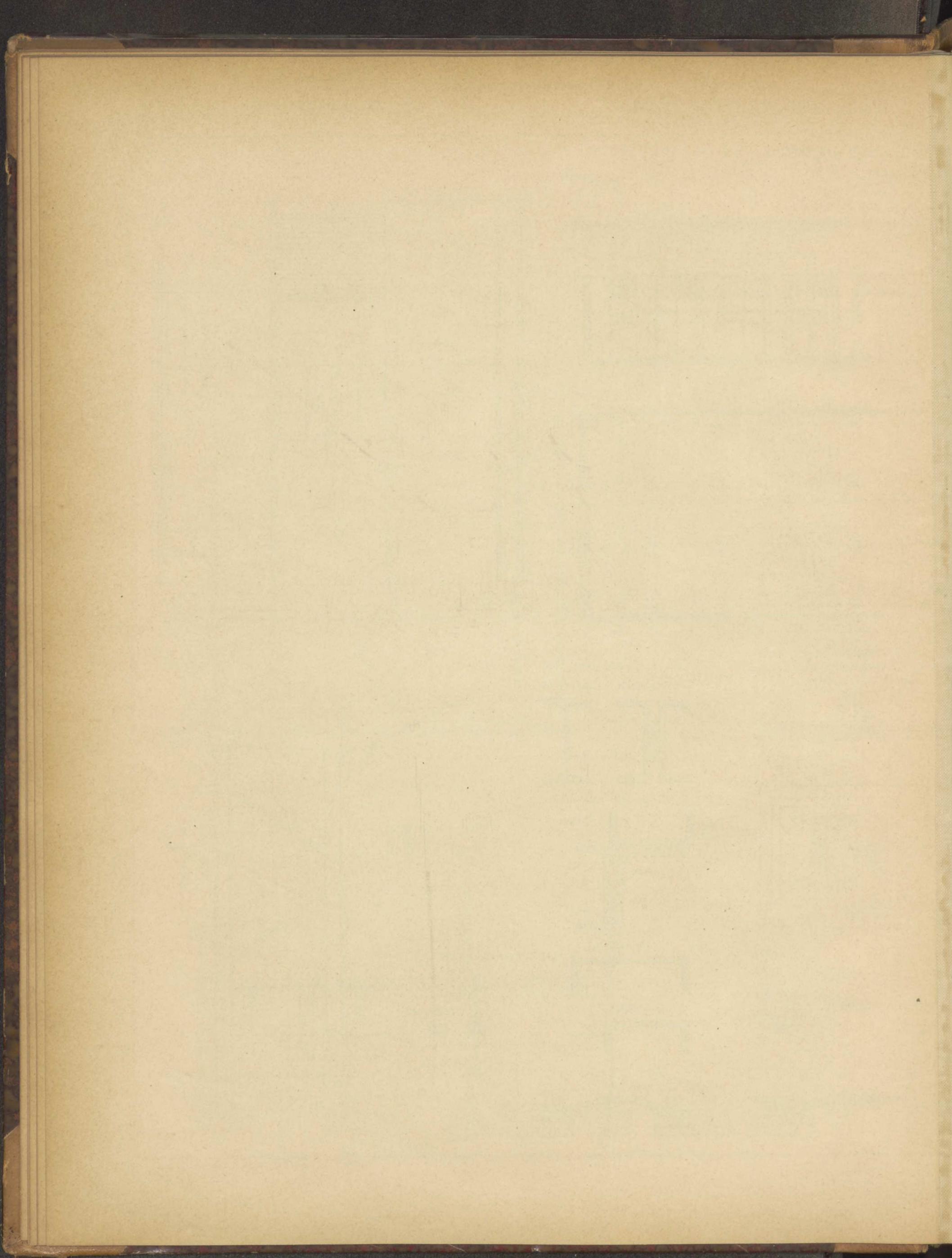


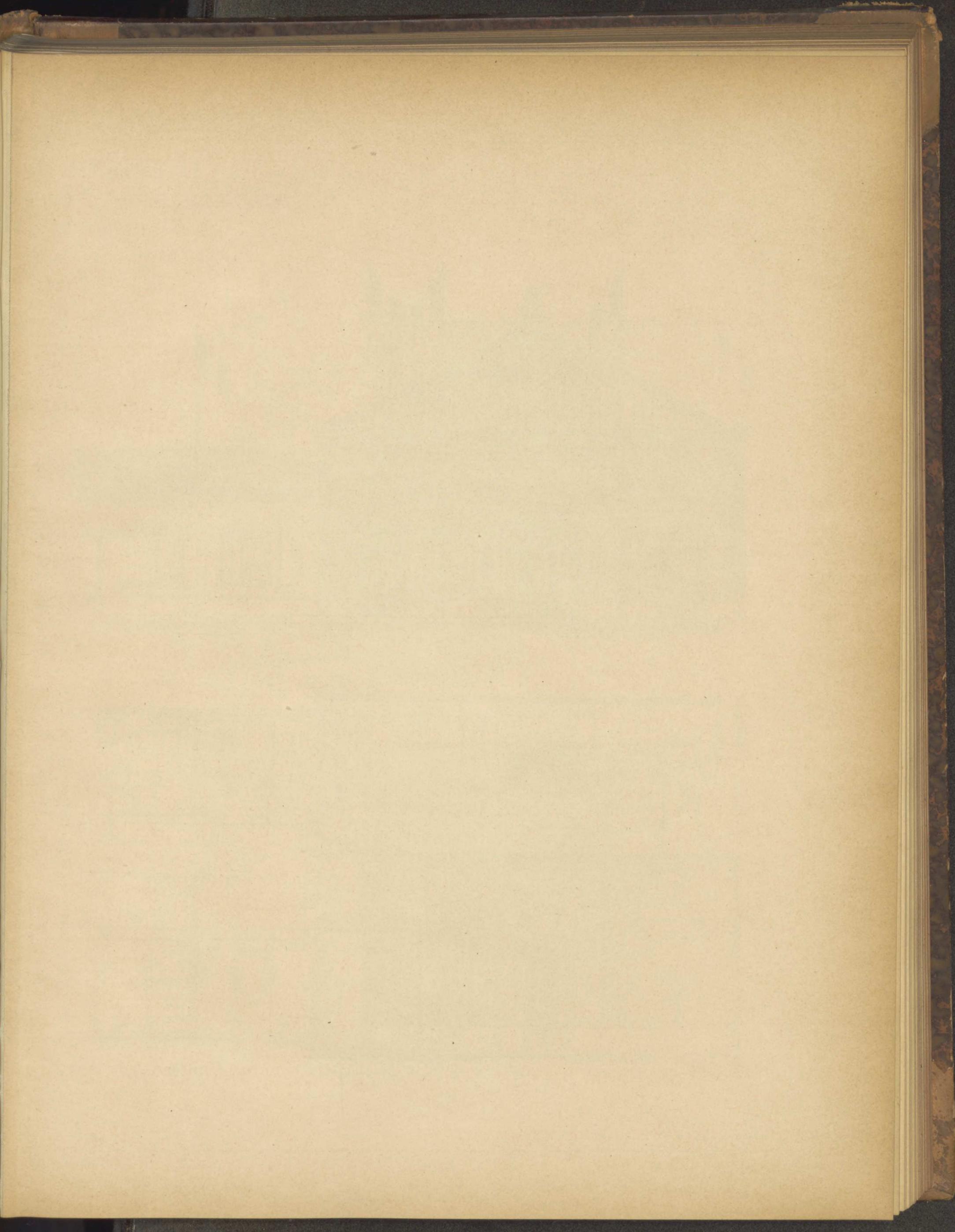




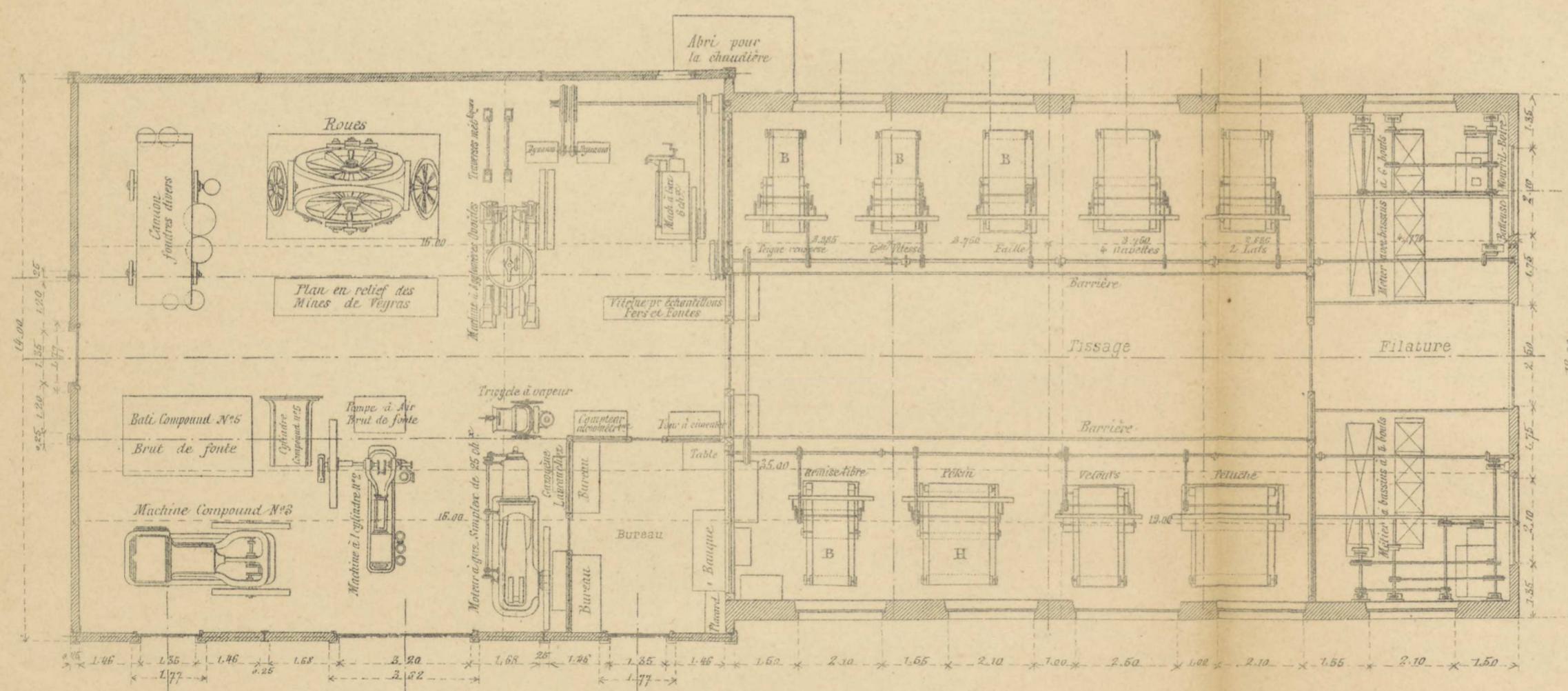
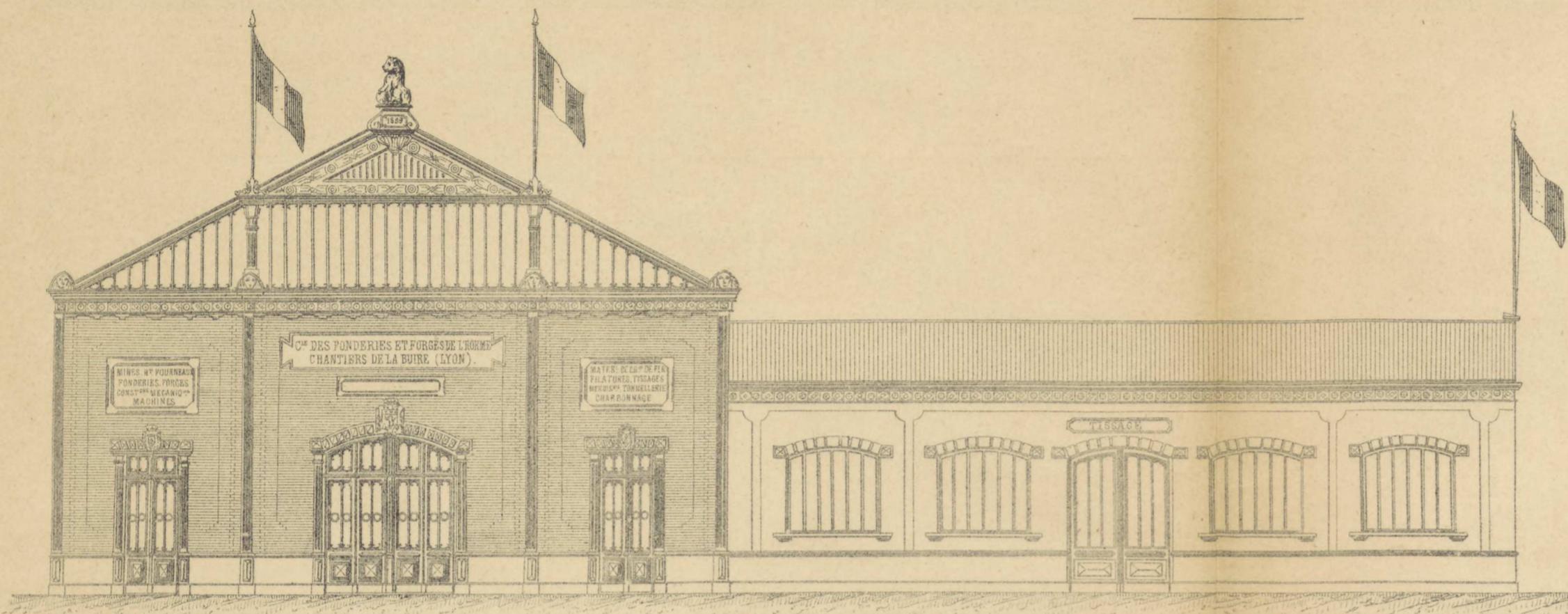




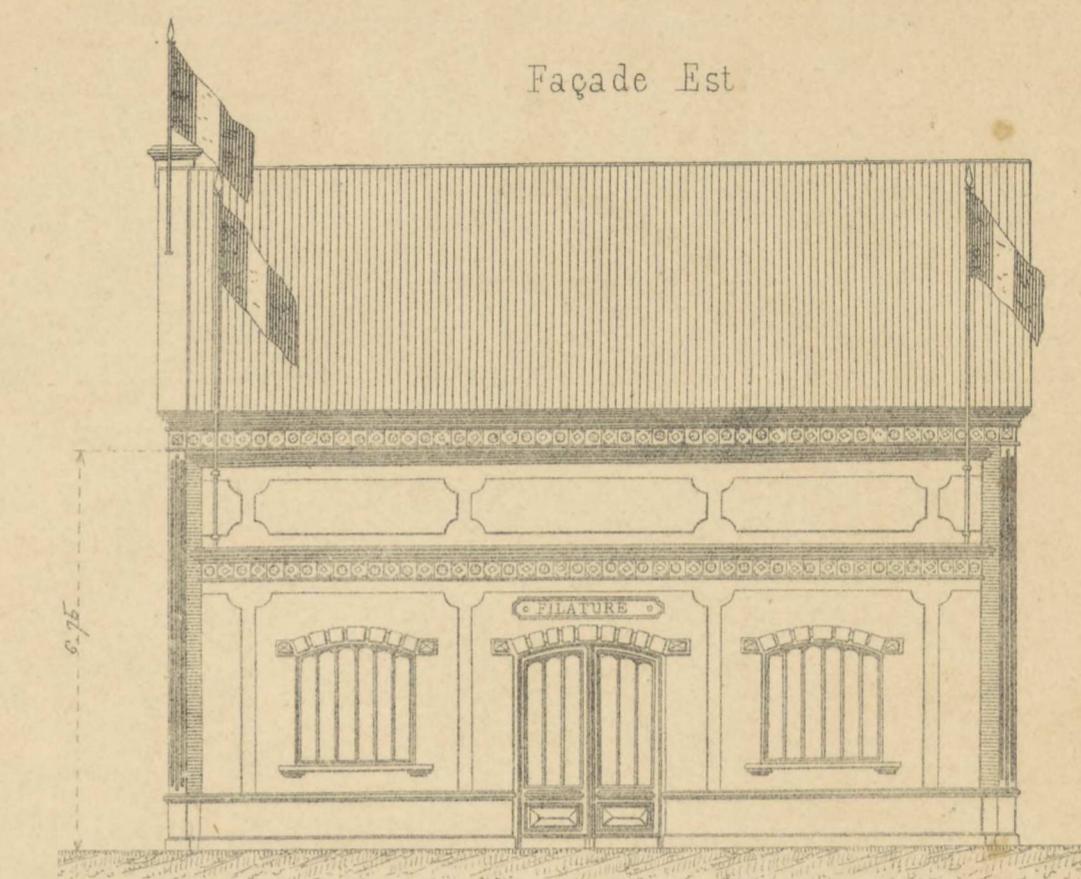




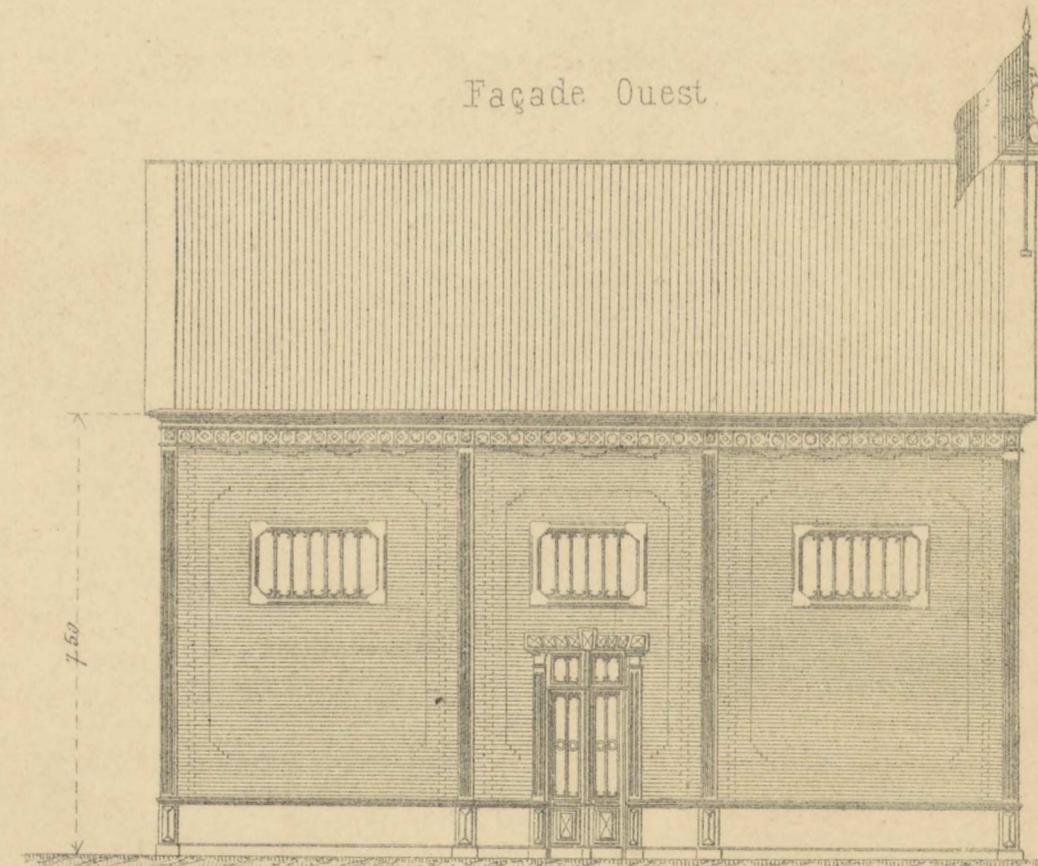
EXPOSITION UNIVERSELLE DE 1889.

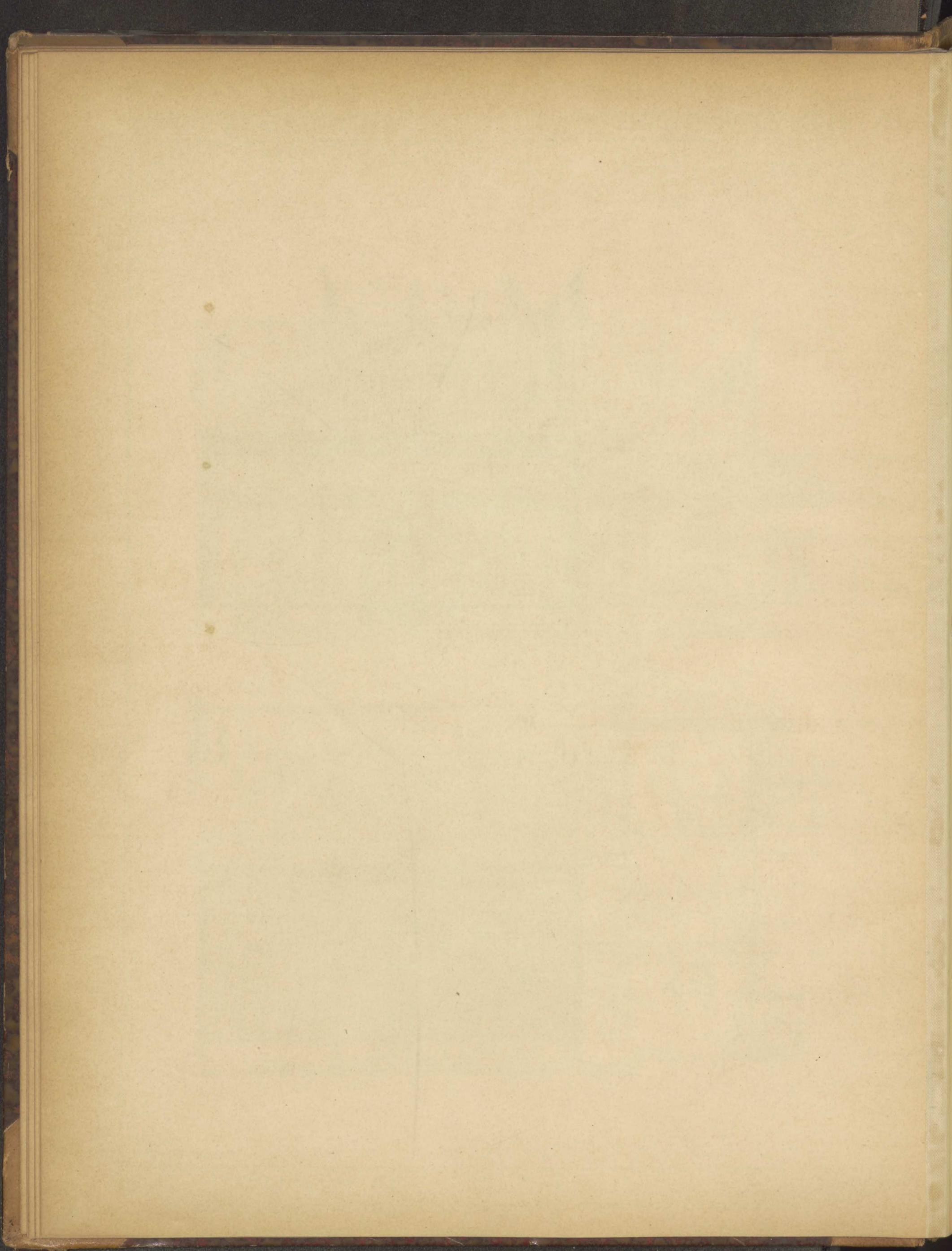


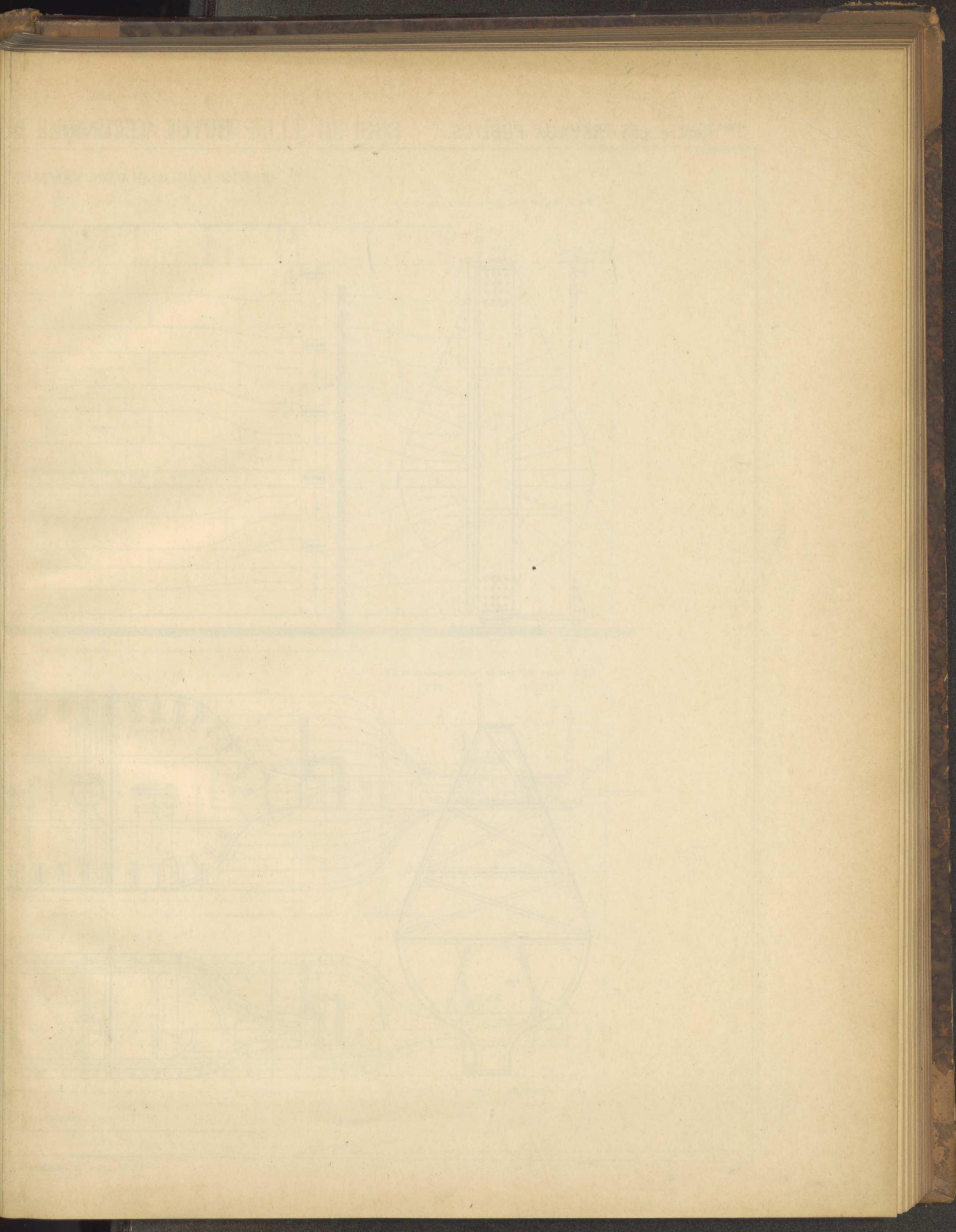
Façade Est



Façade Ouest







PORTE D'ÉCLUSE A UN VANTAIL CANAL DU HAVRE A TANCARVILLE.

Fig. 2. Vue par bout, côté du poteau tourillon

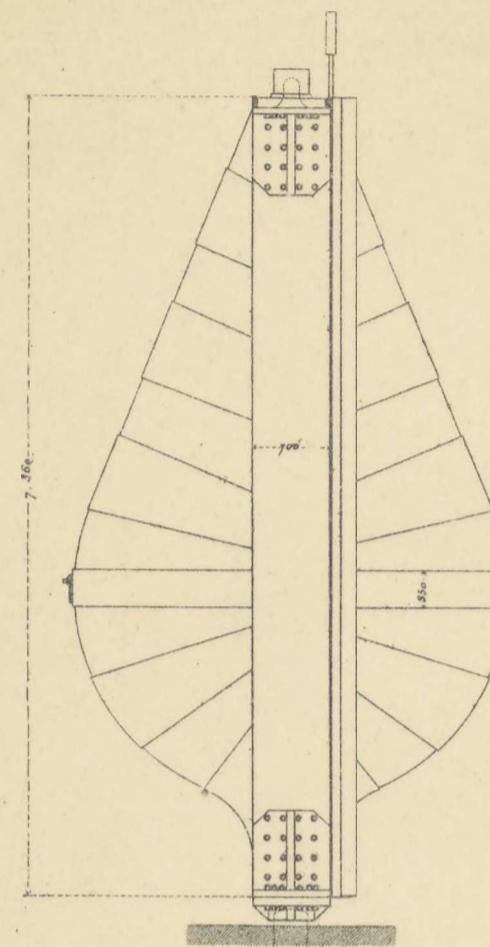
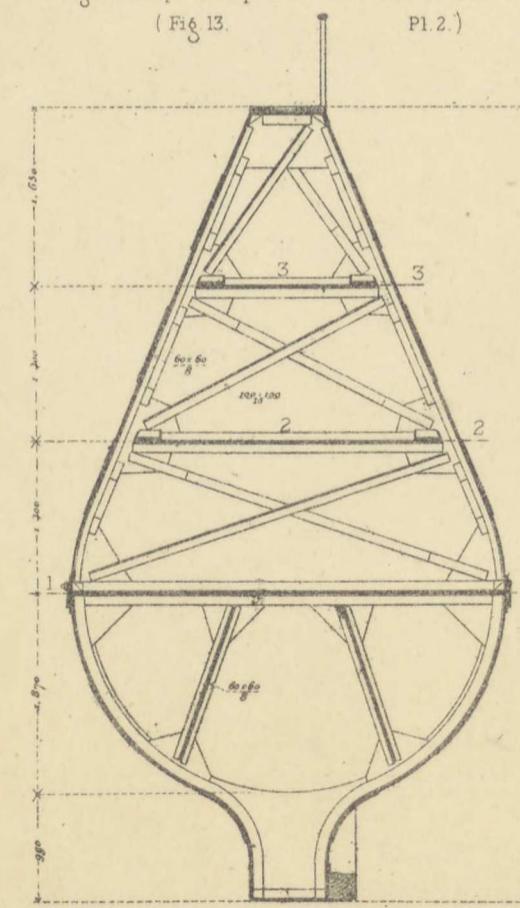
Fig. 3 Coupe verticale près de l'une des membrures KK
(Fig. 13. Pl. 2.)

Fig. 1 Elevation d'ensemble

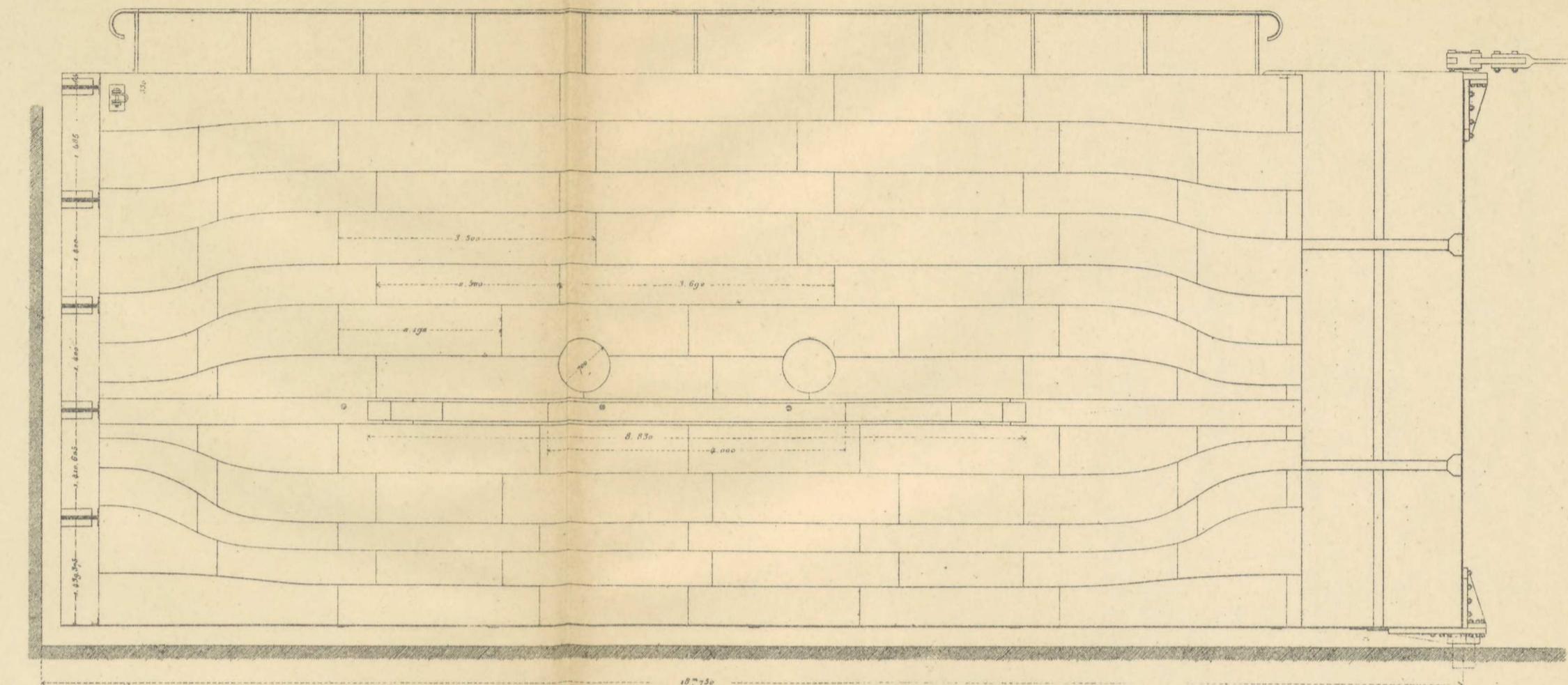


Fig. 4 Coupe horizontale suivant 1.1 (Fig. 3) et plan par dessus

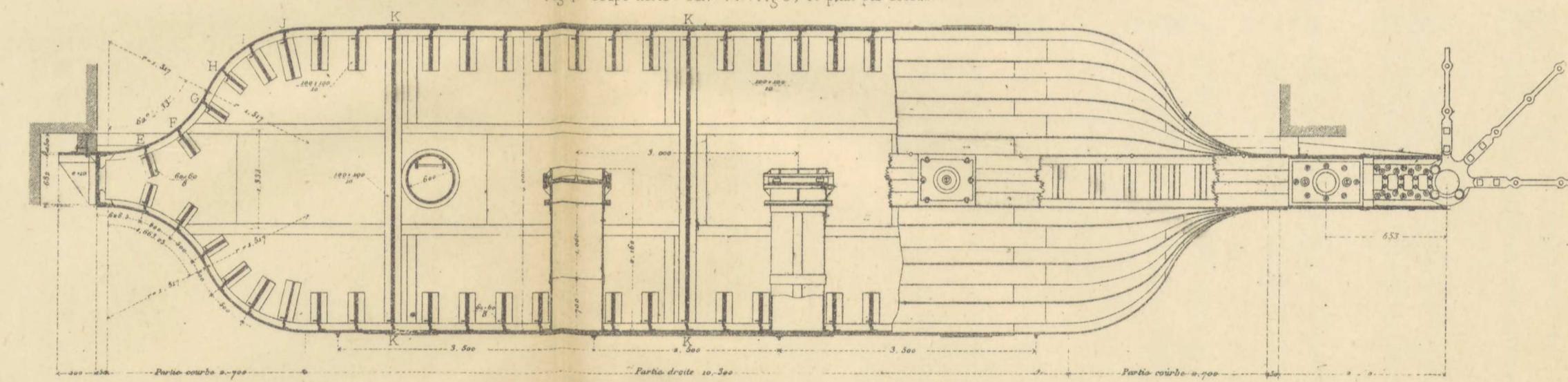
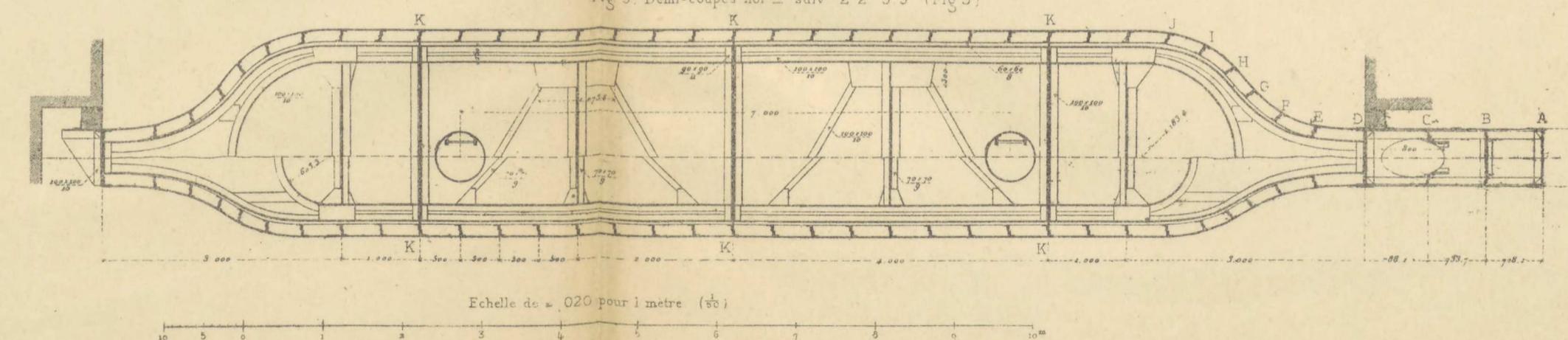
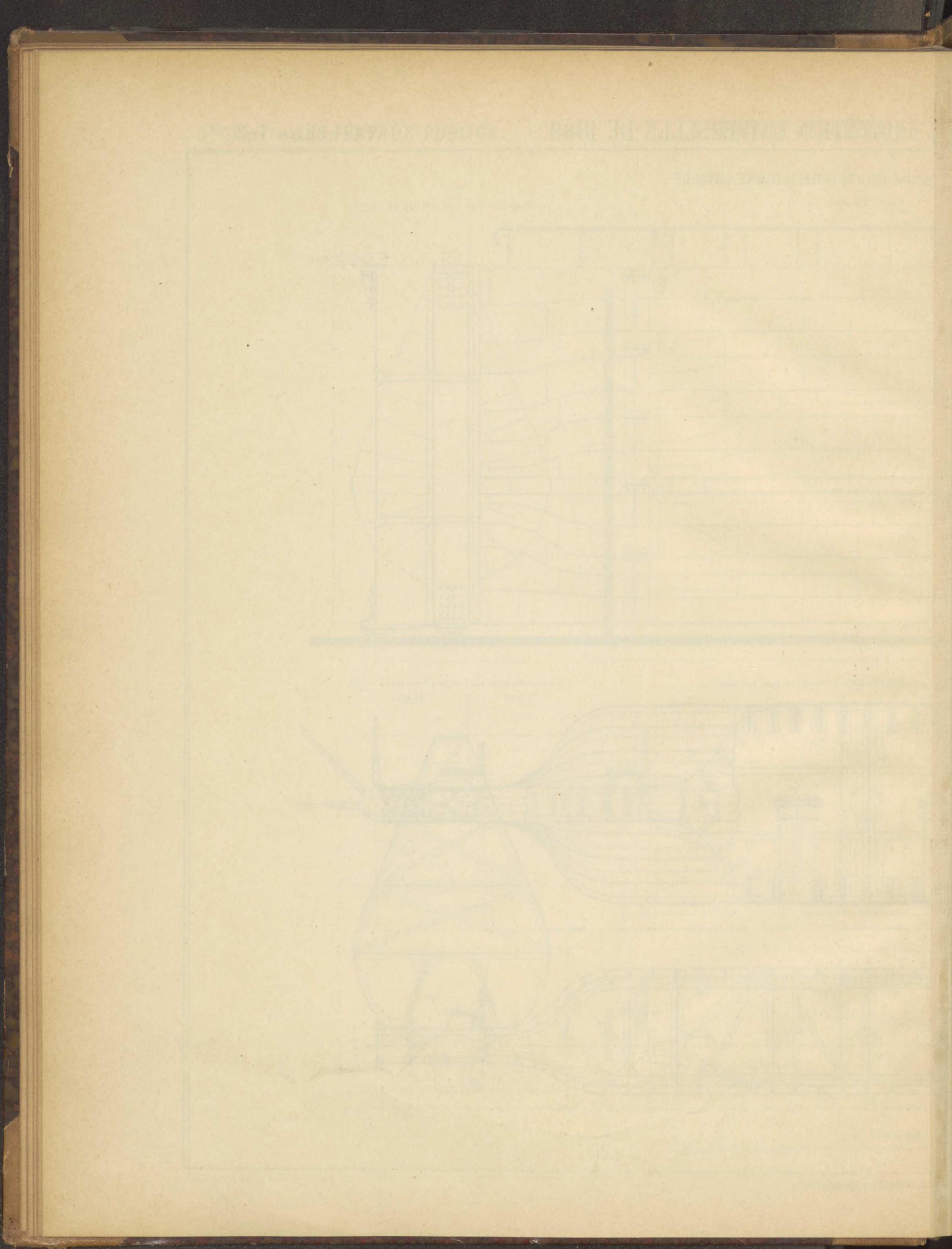
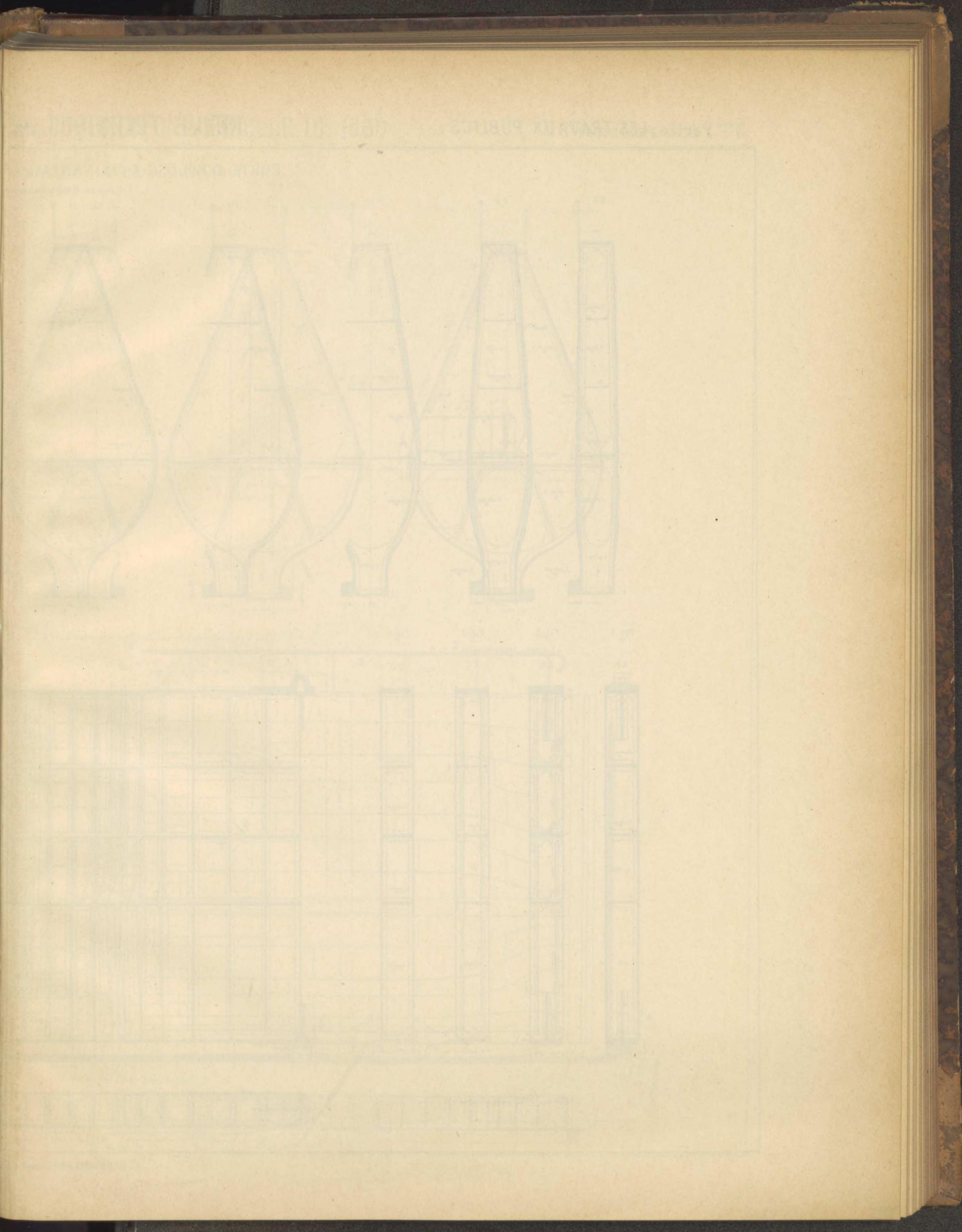


Fig. 5 Demi-coupes horizontales suivant 2.2 3.3 (Fig. 3)

Echelle de 1/20 pour 1 mètre ($\frac{1}{20}$)





PORTE D'ÉCLUSE A UN VANTAIL. CANAL DU HAVRE À TANCARVILLE.

Fig 5 à 12. Coupes transversales au droit des membrures.

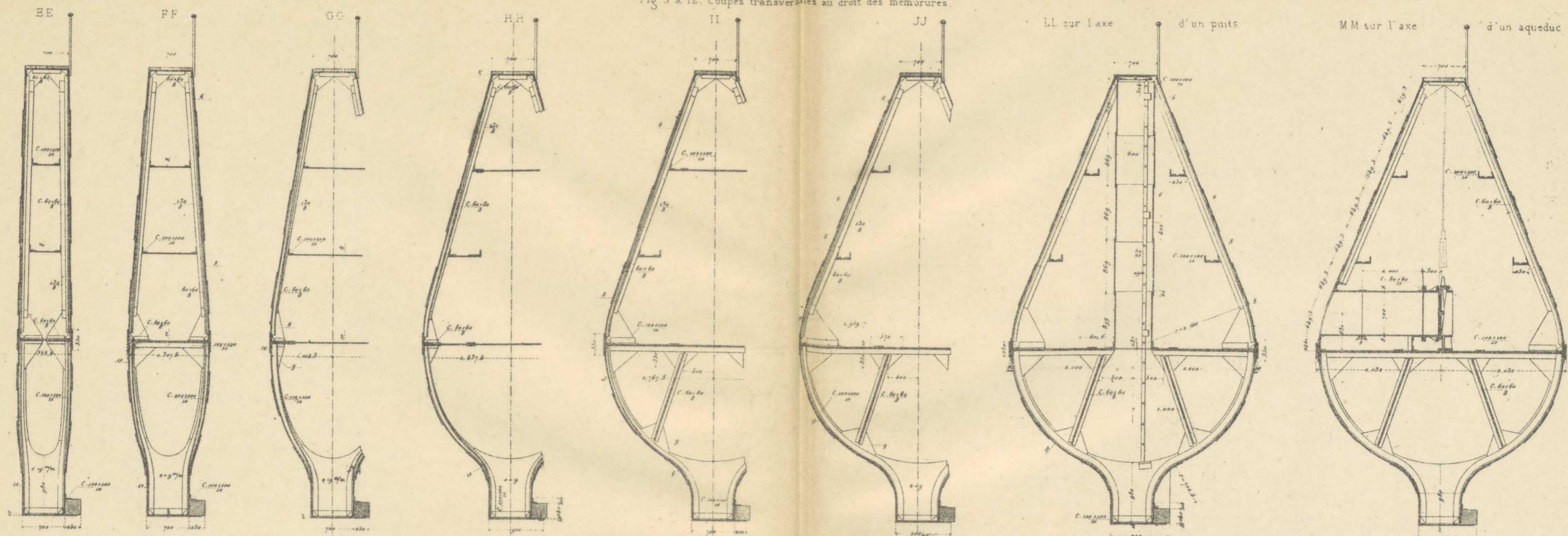


Fig. 13. Demi-coupe longitudinale et demi-élévation d'aval.

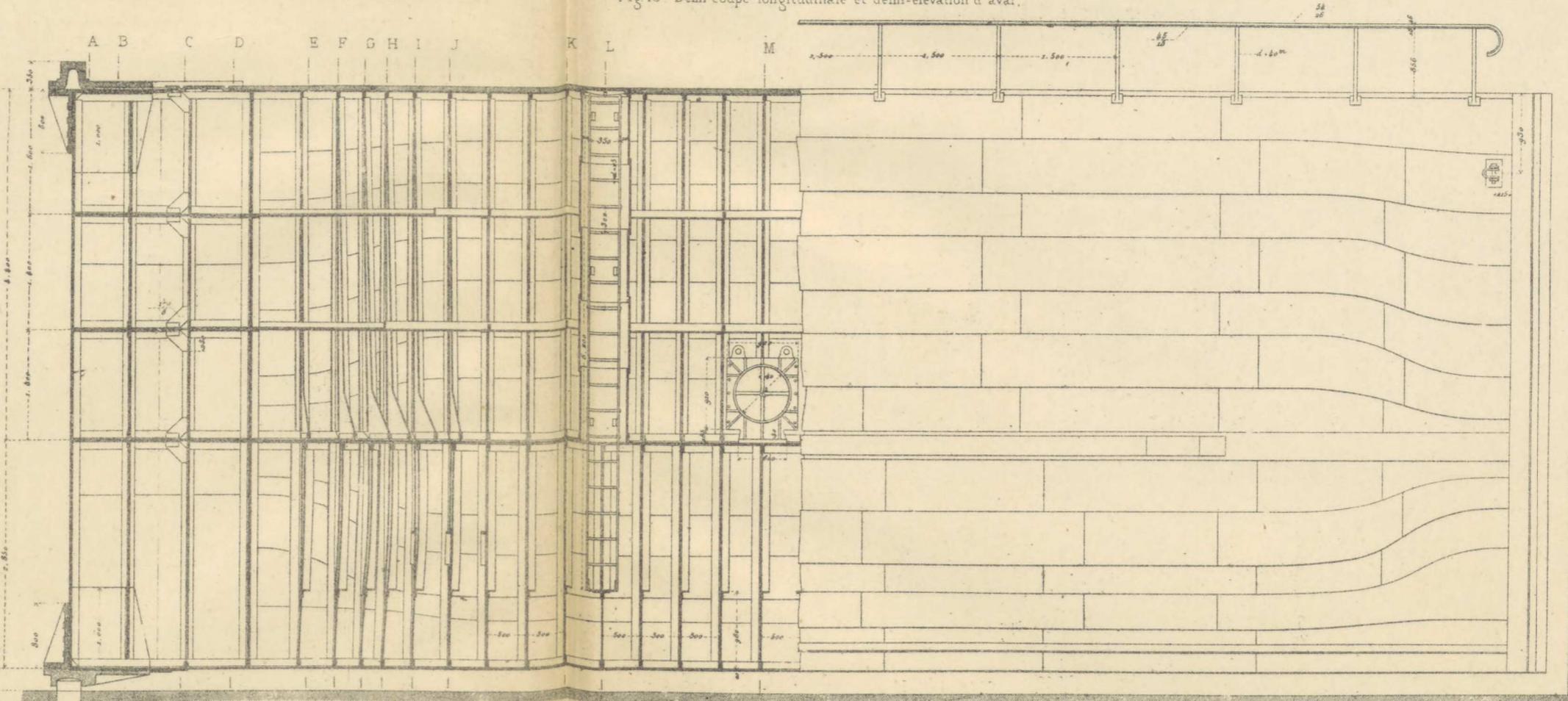
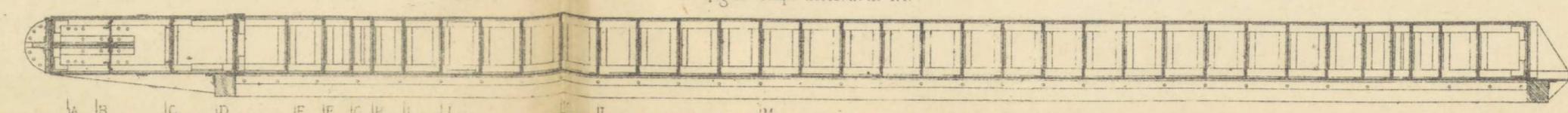
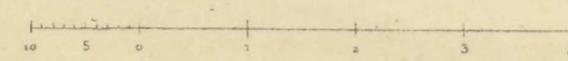
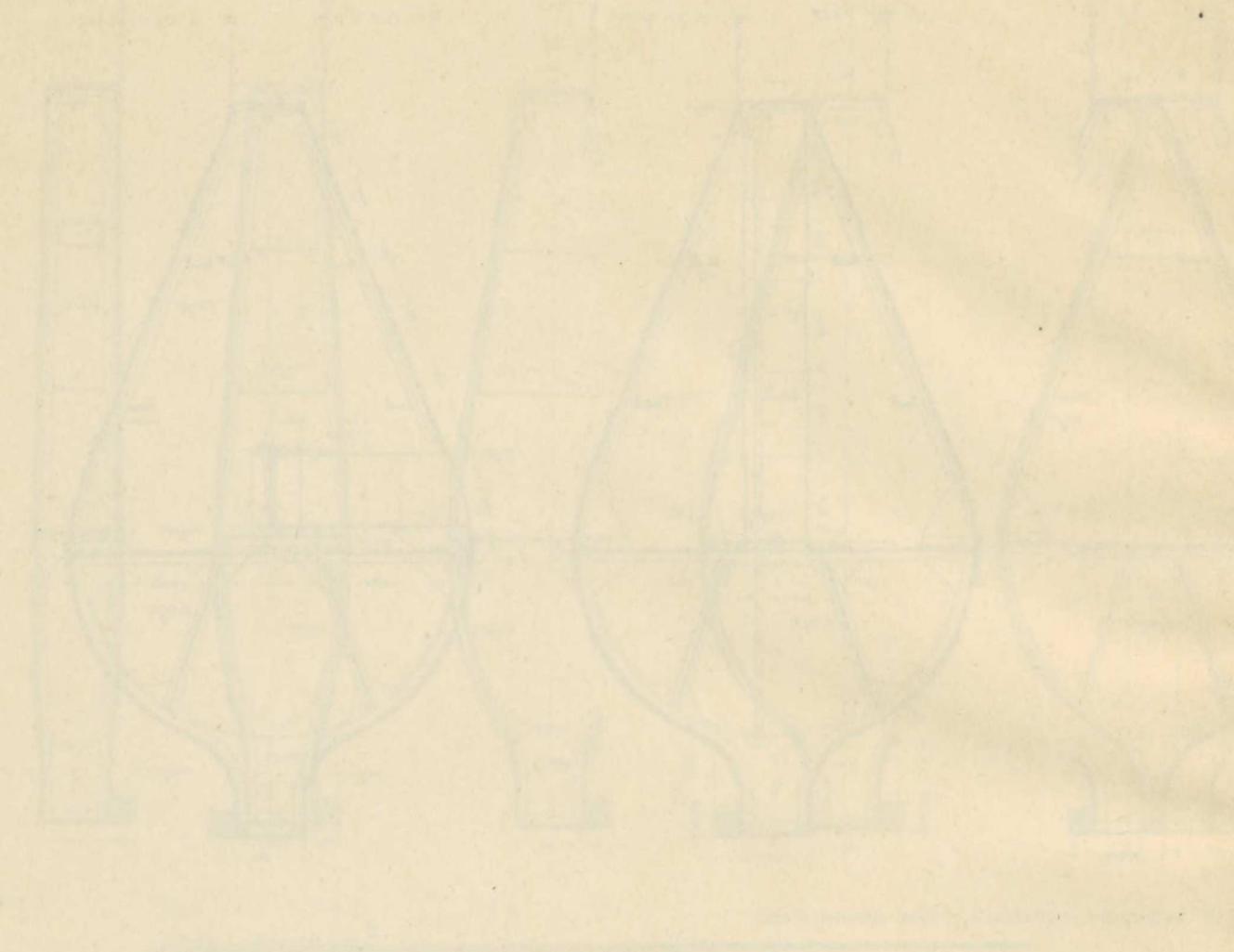


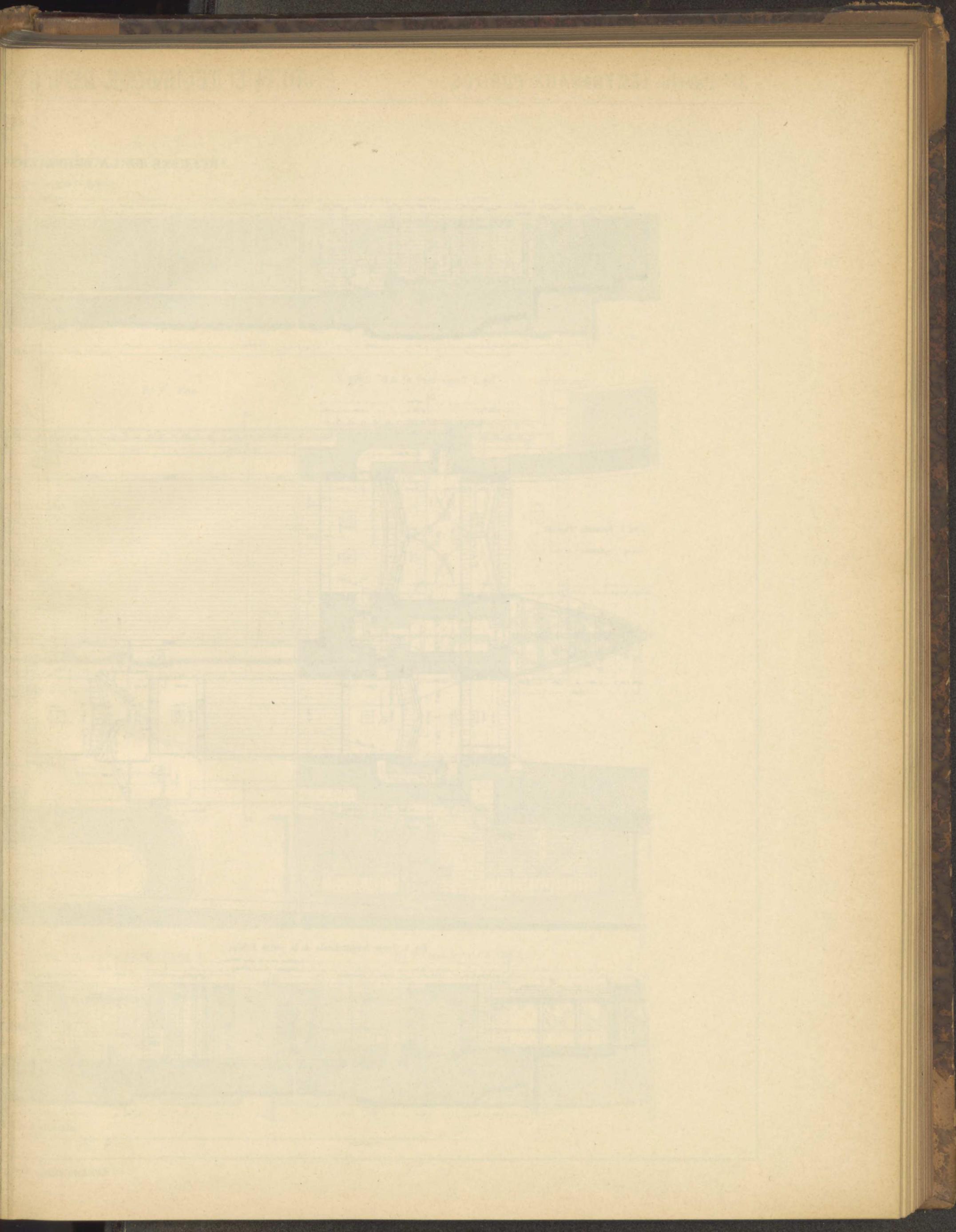
Fig. 14. Coupe horizontale de MM.



Echelle de 0.020 pour 1 Mètre (50).







ÉCLUSES DE LA DÉRIVATION DE BOUGIVAL SUR LA SEINE.

Fig. 1. Coupe longitudinale de la grande Écluse

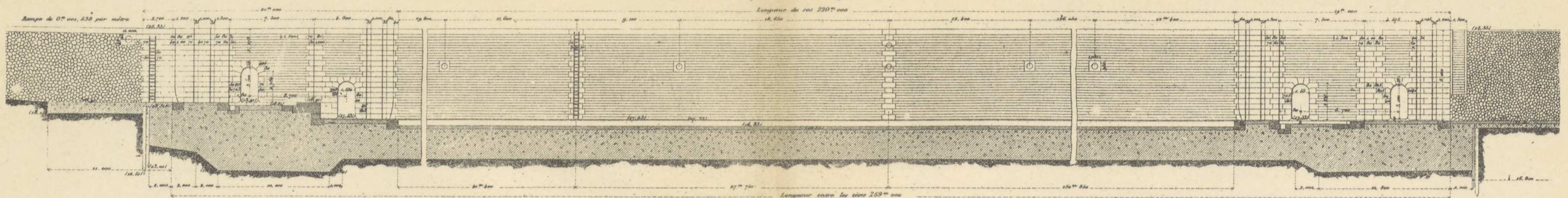
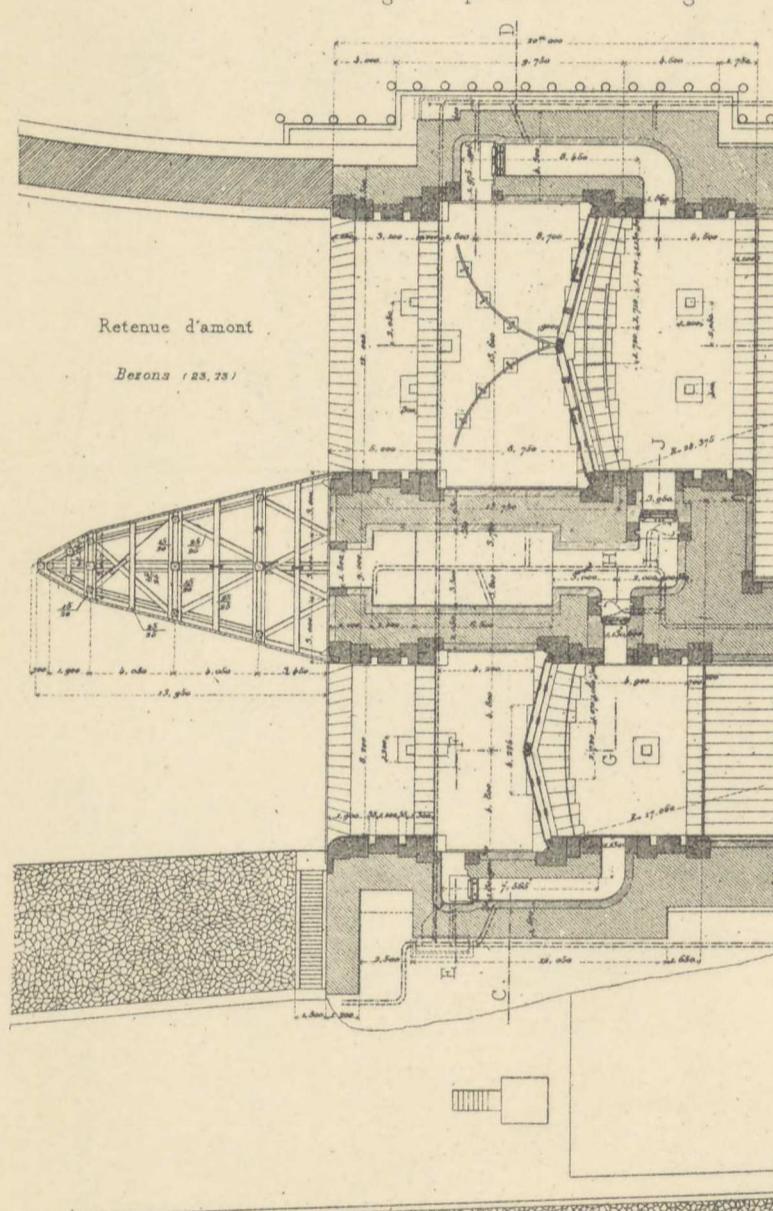
Fig. 2. Coupe hor^{le} s^t AB. (Fig. 7.)

Fig. 3. Plan

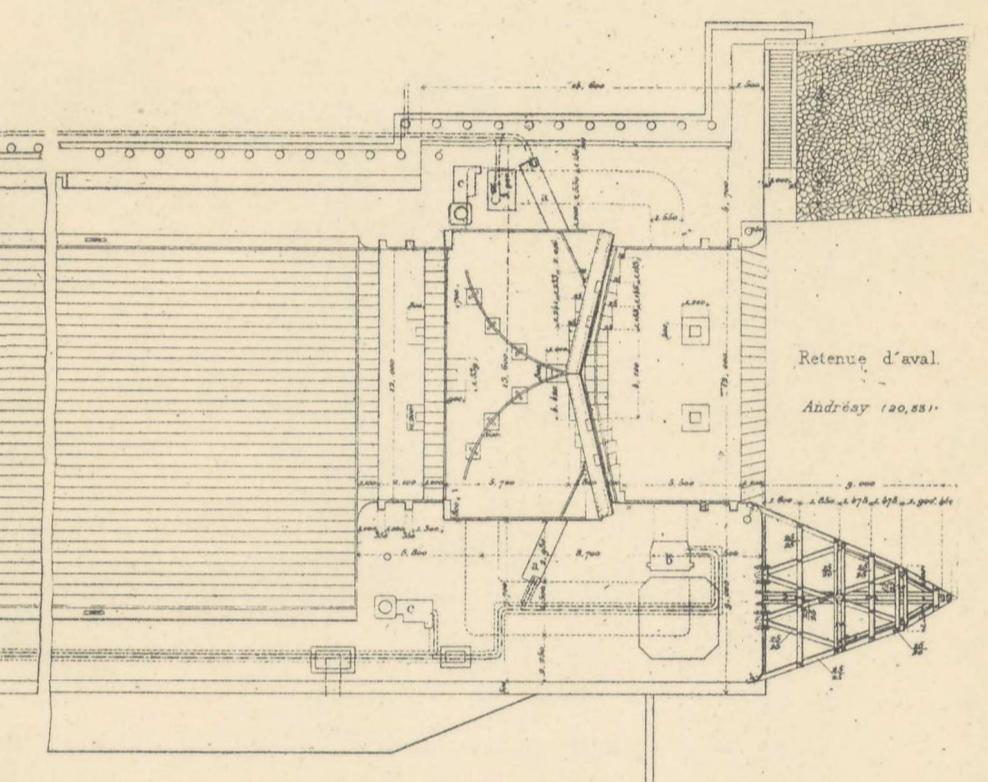
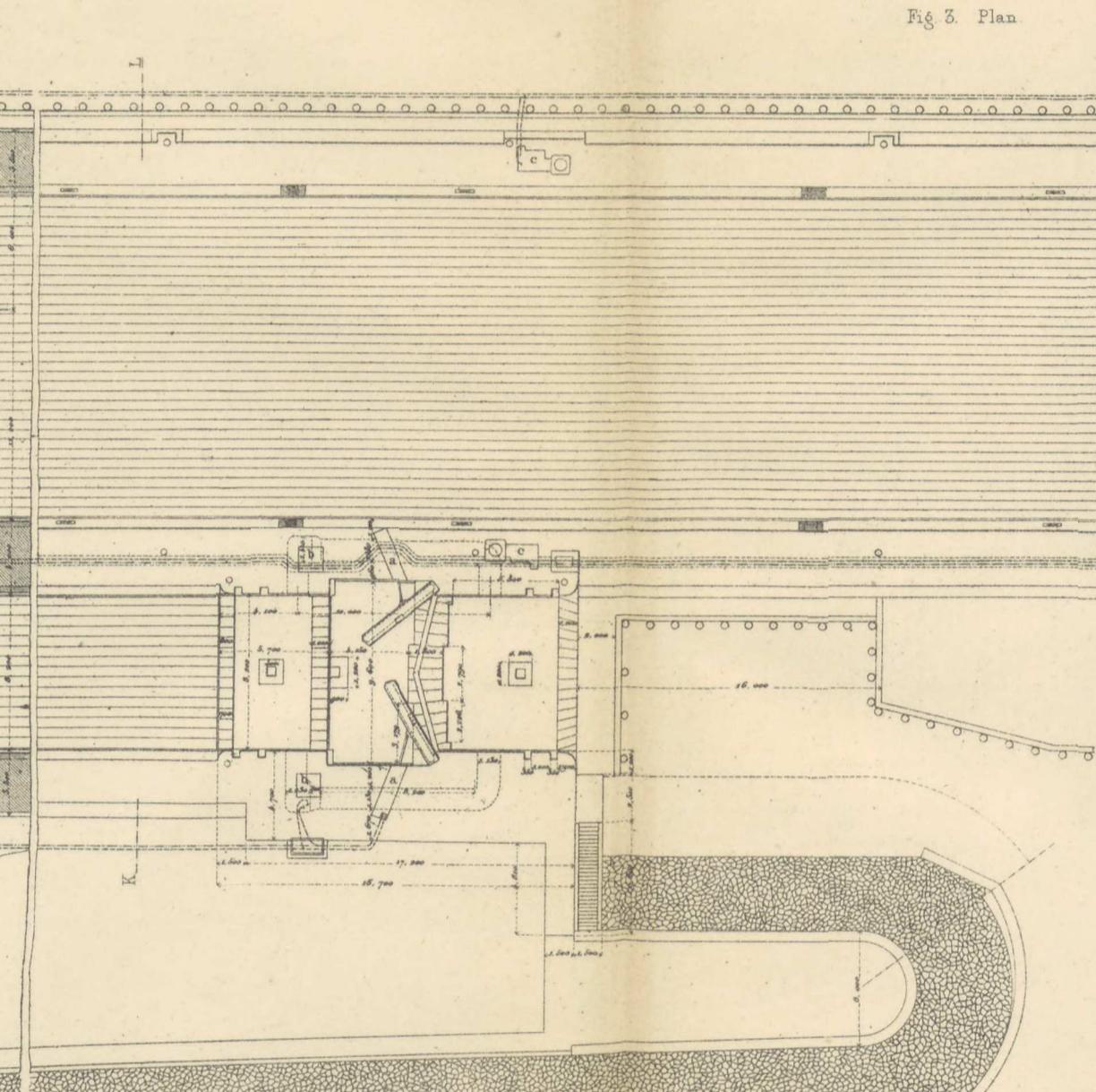
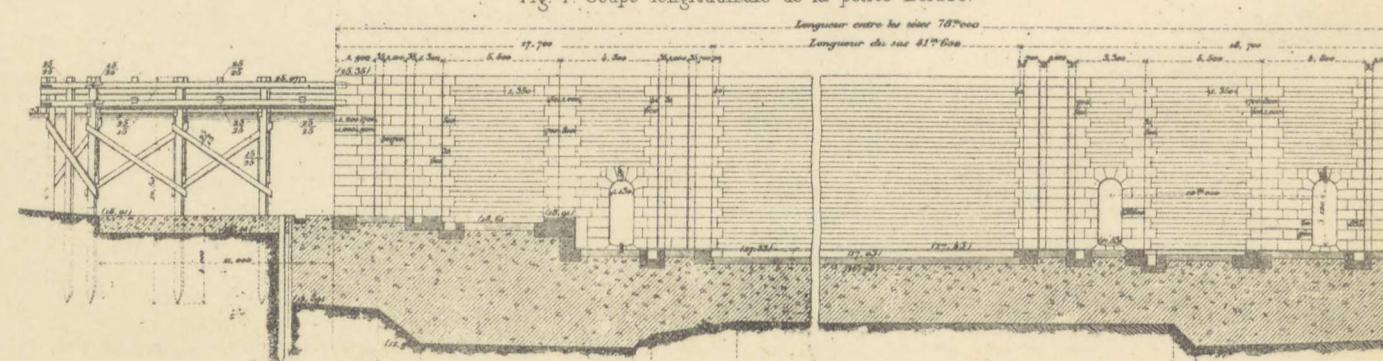
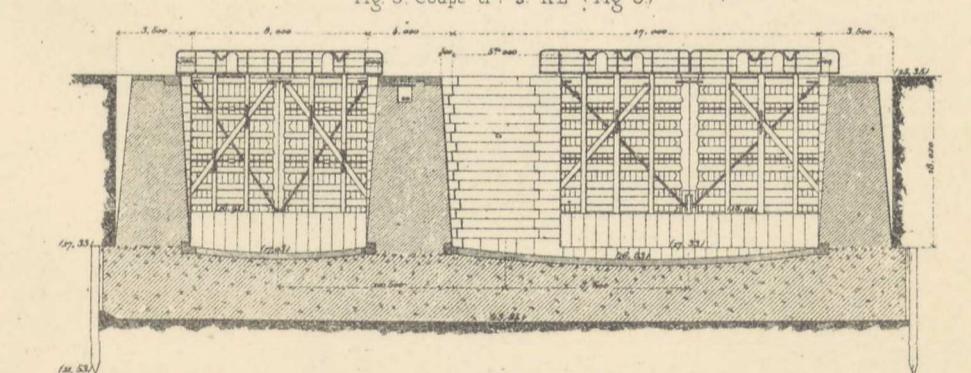
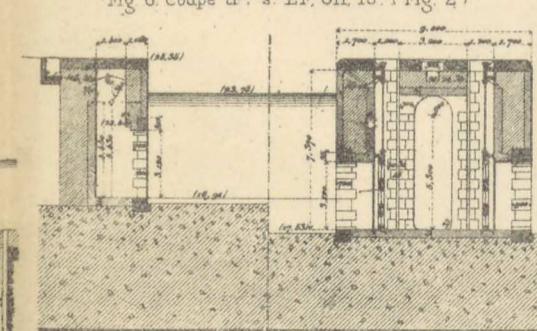
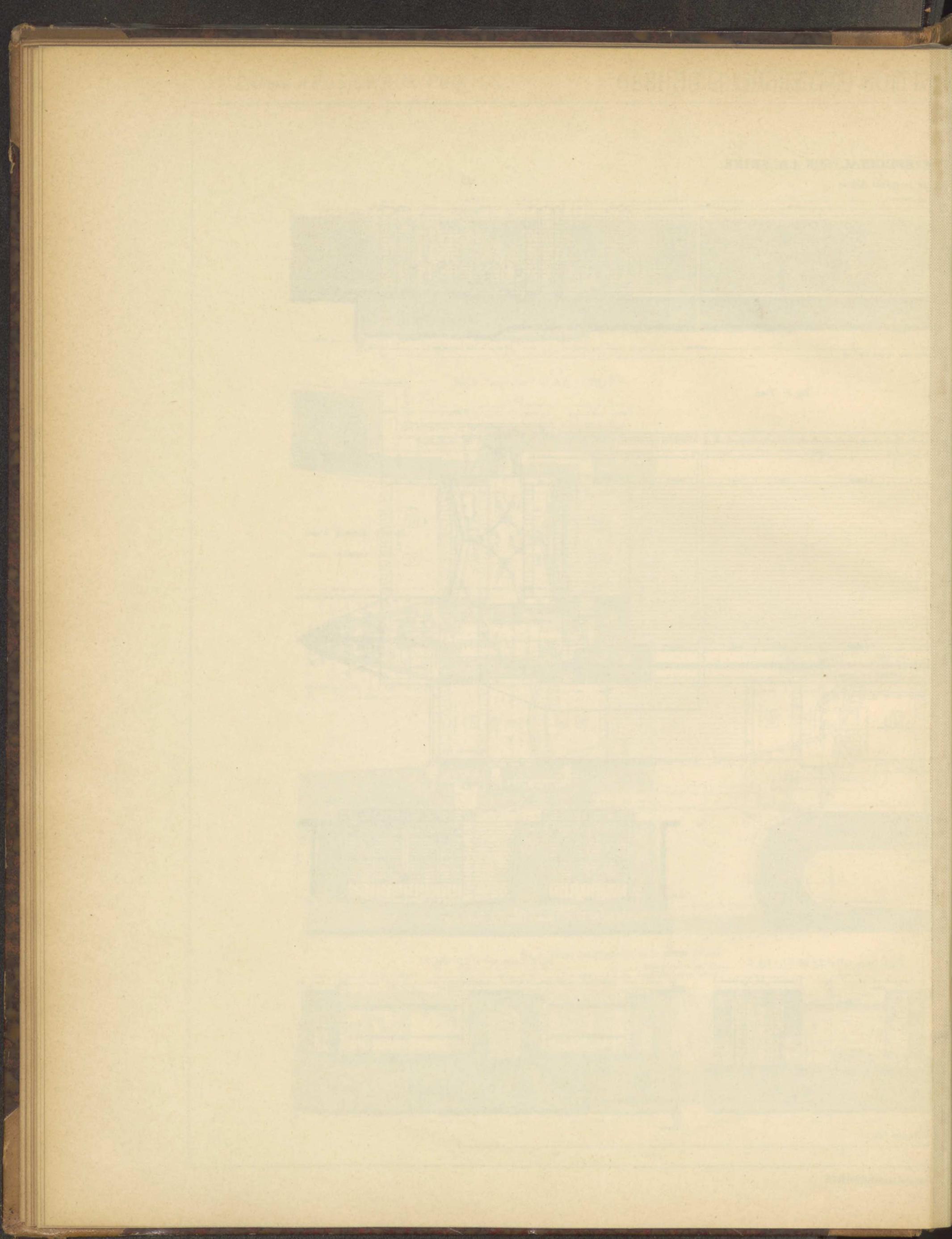
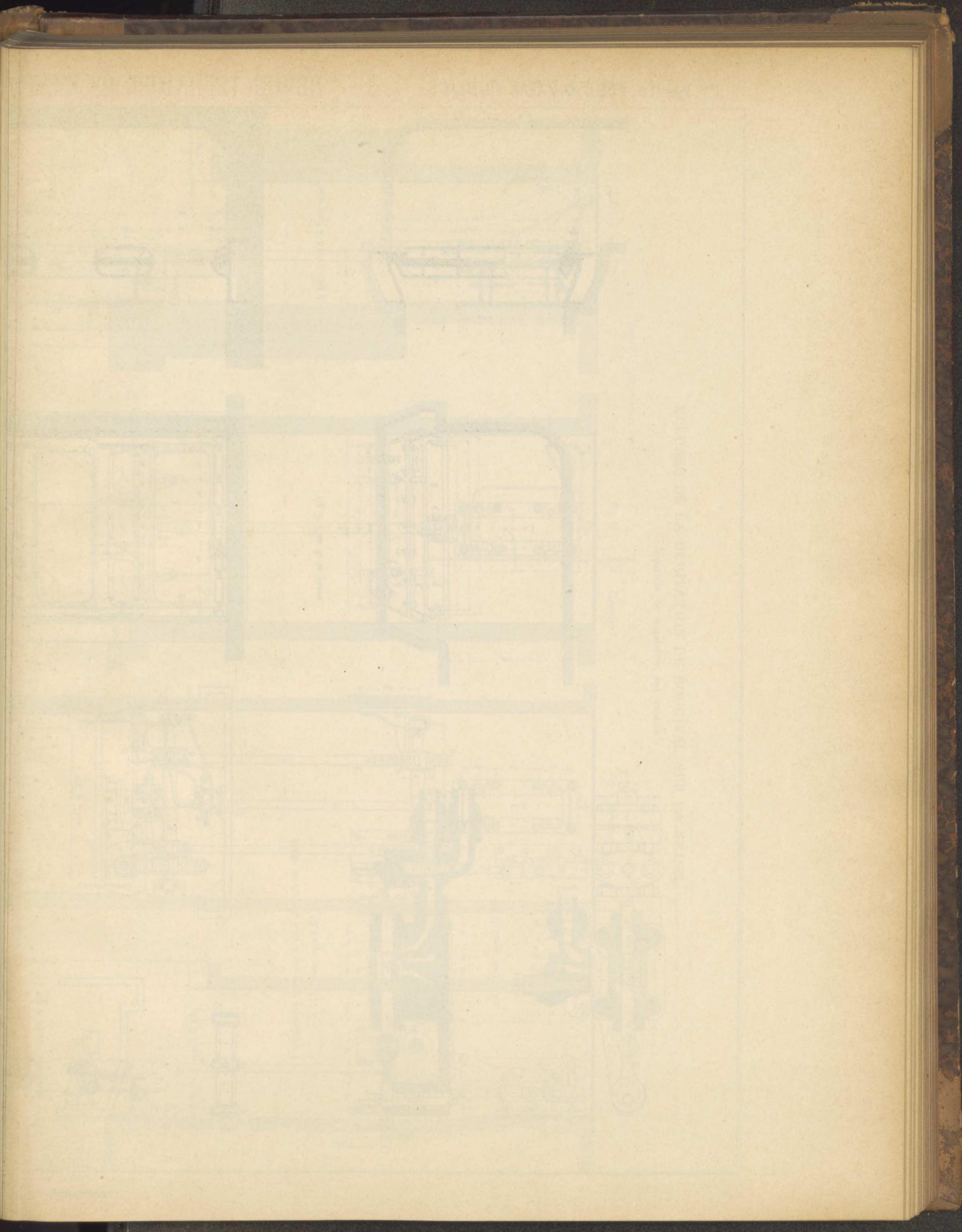


Fig. 4. Coupe longitudinale de la petite Écluse.

Fig. 6. Coupe tr^{le} s^t EF, GH, IJ. (Fig. 2.)Fig. 7. Coupe tr^{le} s^t CD. (Fig. 2.)Echelle de 0^m 00⁰⁰ pour 1 mètre (1:200)





ÉCLUSES DE LA DÉRIVATION DE BOUGIVAL SUR LA SEINE.

Appareils de manœuvre des vannes.

Appareil hydraulique seul.

Fig. 1. Coupe vert^e

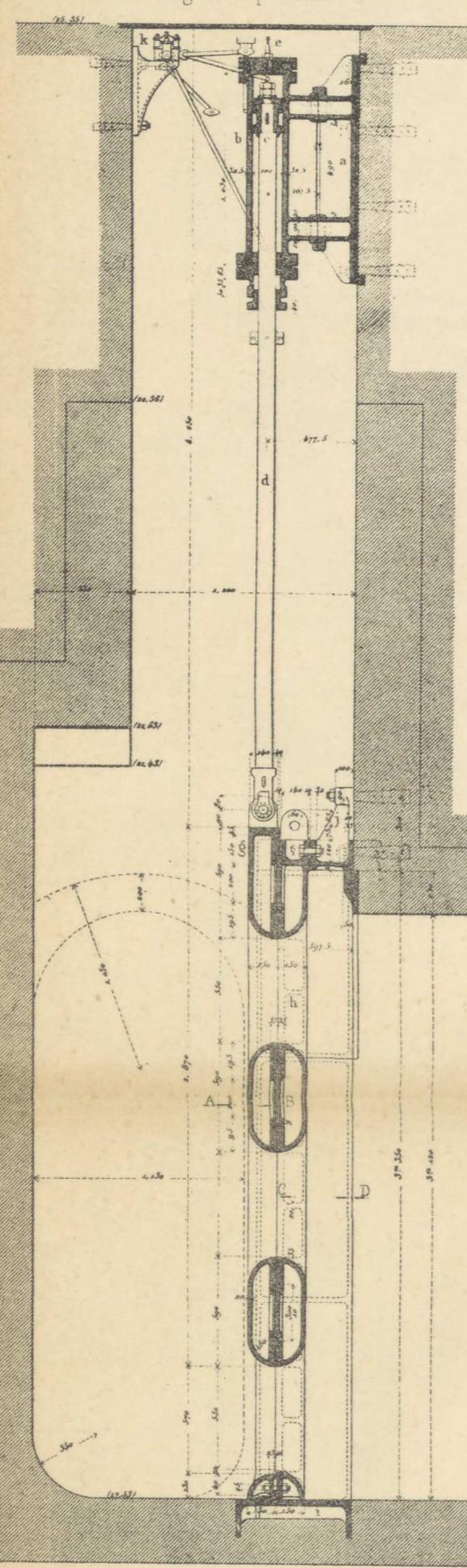
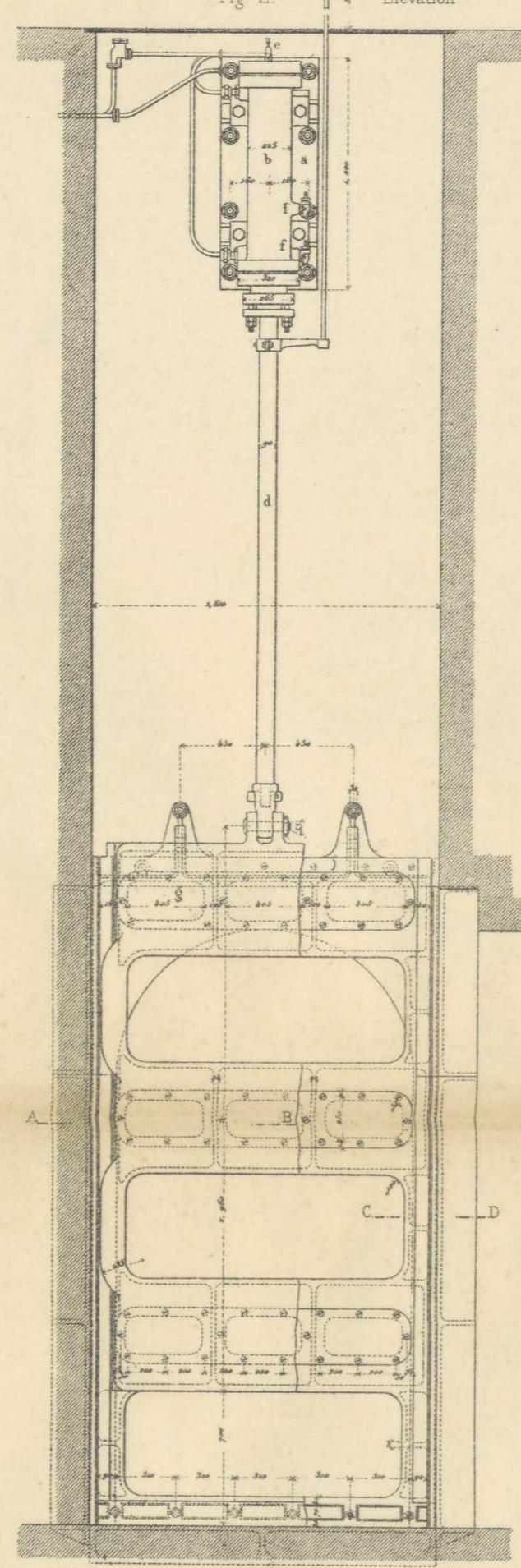


Fig. 2.

Elévation



Appareil à bras joint à l'appareil hydraulique

Fig. 5. Elévation

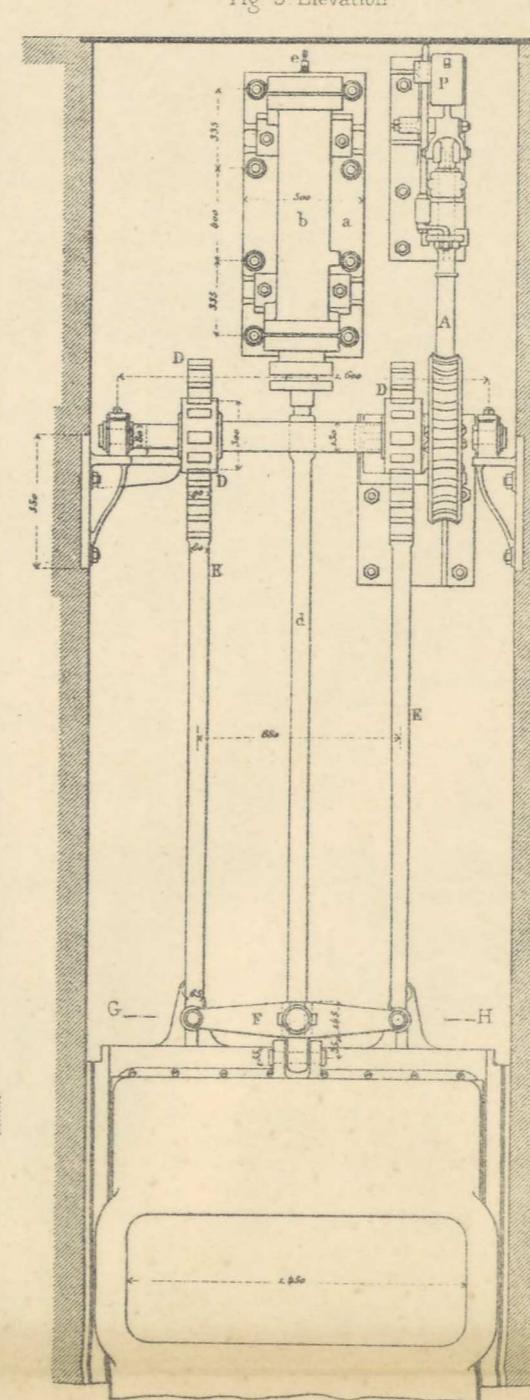


Fig. 6. Coupe vert^e

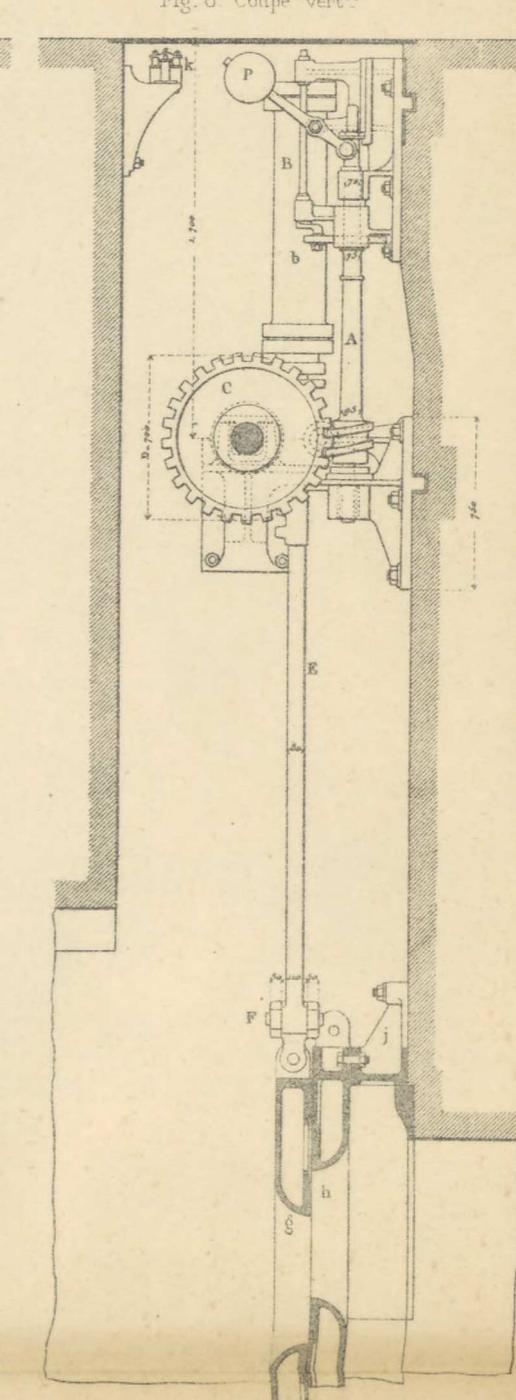


Fig. 8 Plan de l'embrayage

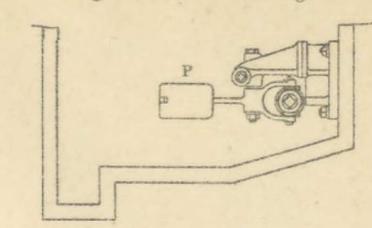
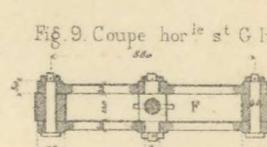
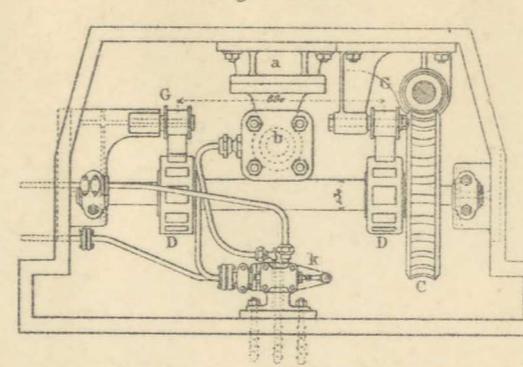


Fig. 7. Plan.



Boîte de distribution d'eau sous pression ($\frac{1}{8}$)

Fig. 10. Coupe vert^e s^t IJ

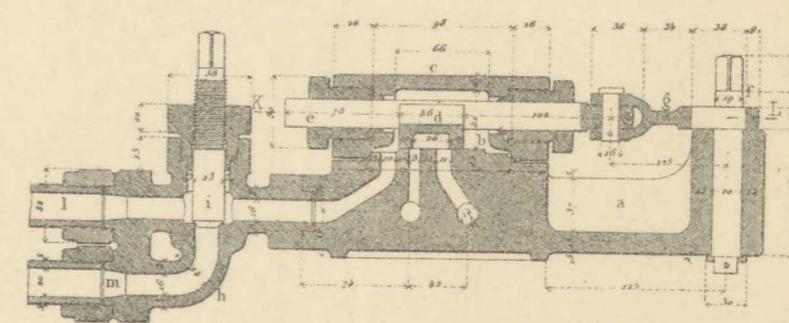


Fig. 11. Coupe hor^e s^t KL

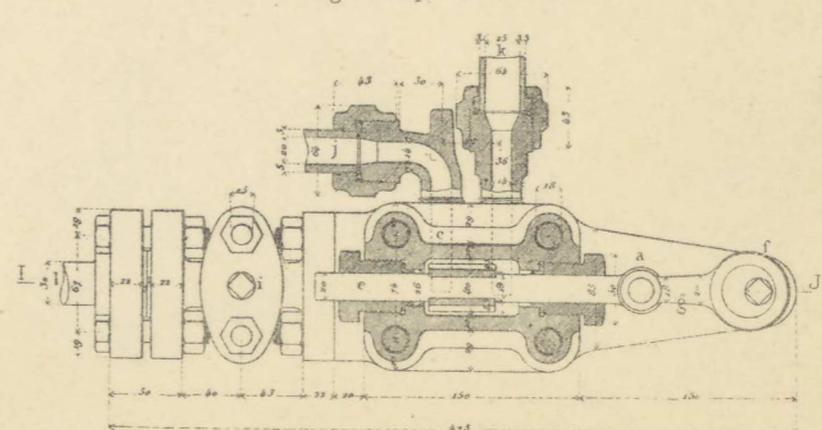
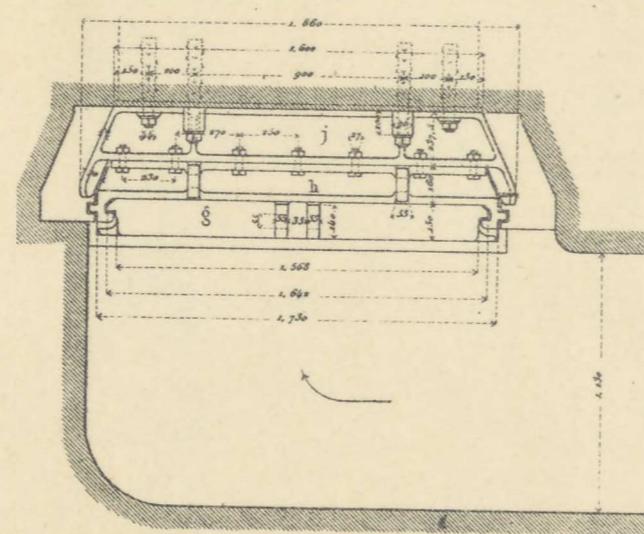
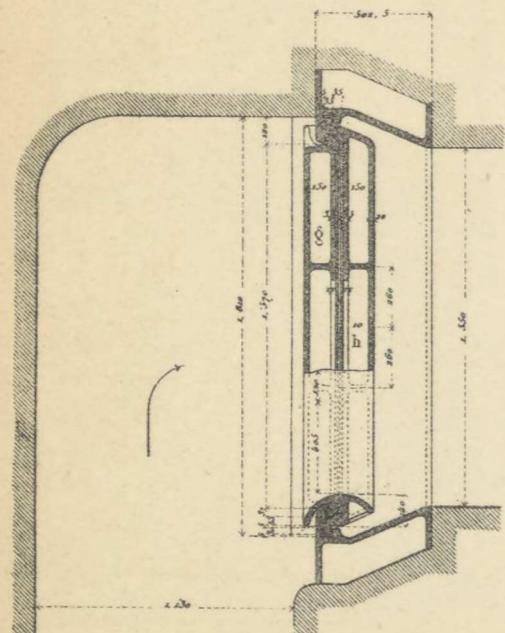
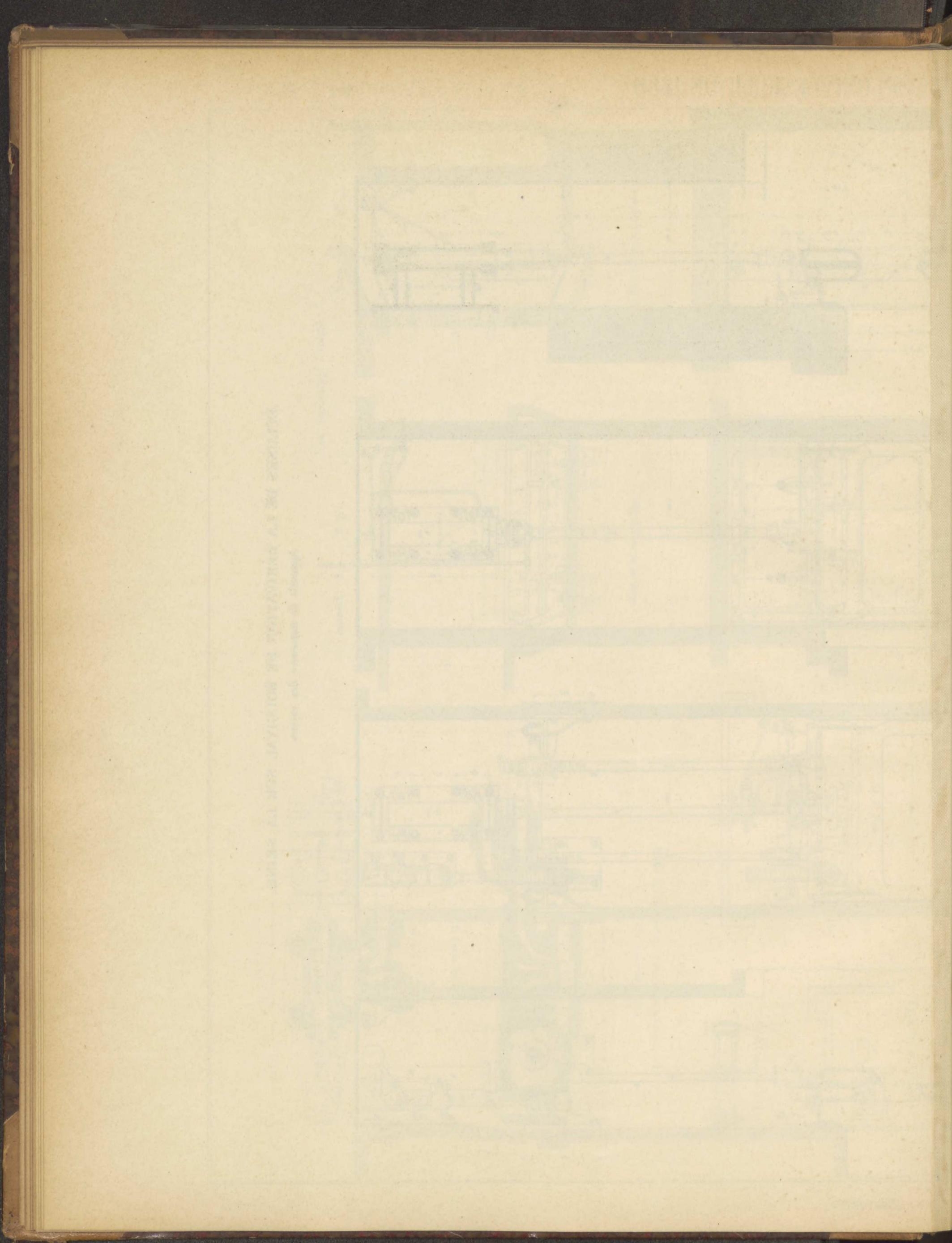
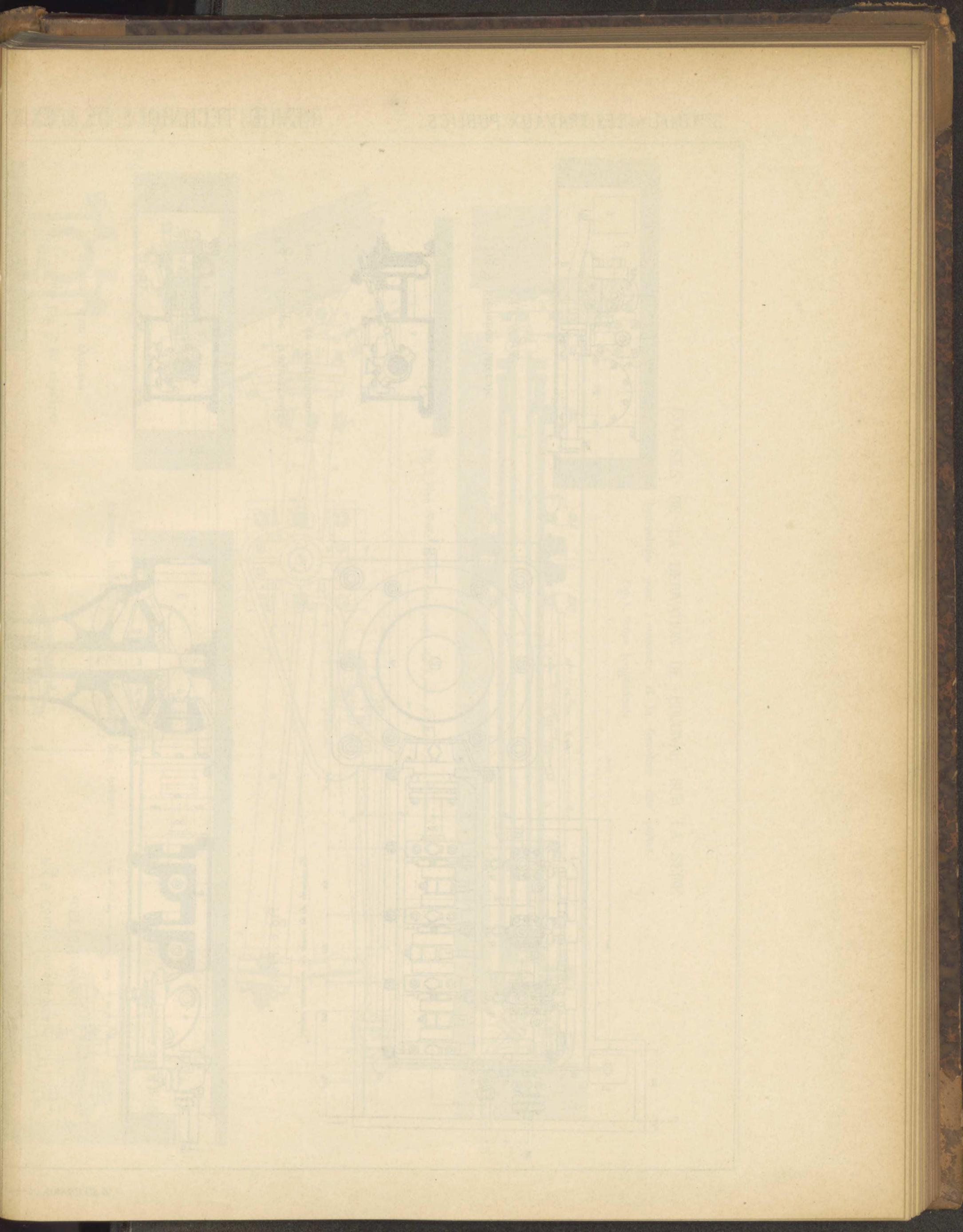


Fig. 4. Coupe hor^e s^t AB,CD./Fig. 2j

Fig. 3. Plan de la vanne







ÉCLUSES DE LA DERIVATION DE BOUGIVAL SUR LA SEINE.

Appareil hydraulique pour l'ouverture et la fermeture des portes.

Fig. 1. Coupe longitudinale

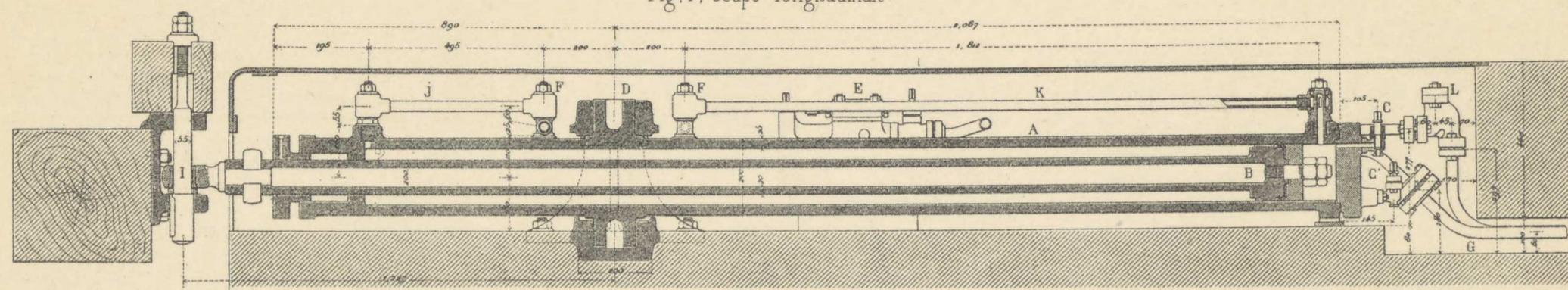


Fig. 2. Plan (Porte ouverte) Le trait ponctué indique la position de l'appareil pour la fermeture de la porte

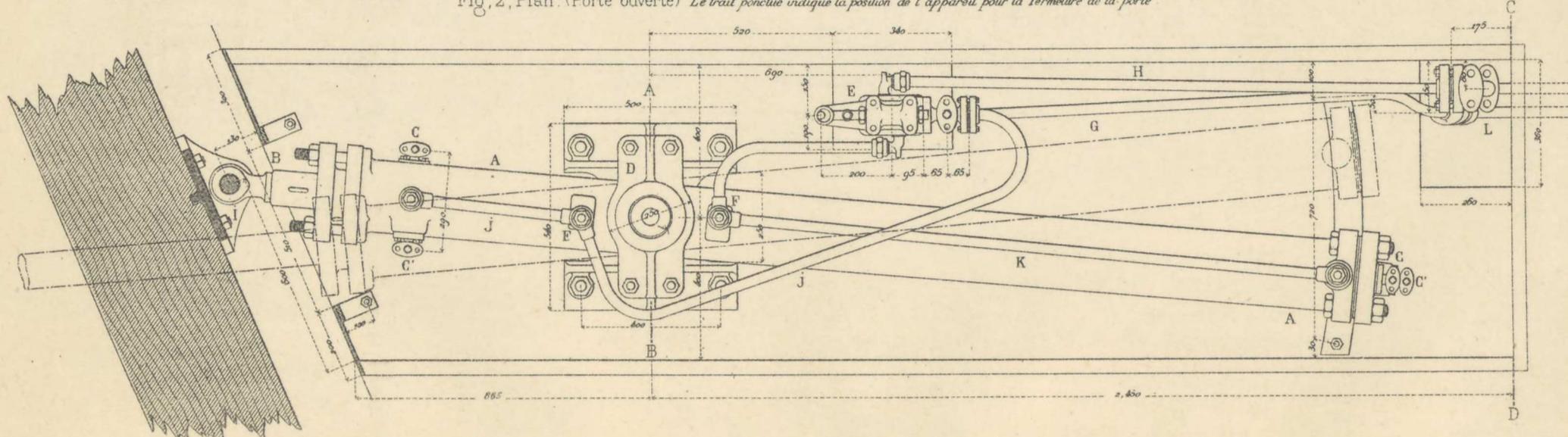


Fig. 3. Coupe tr le s^e A.B. (Fig 2)

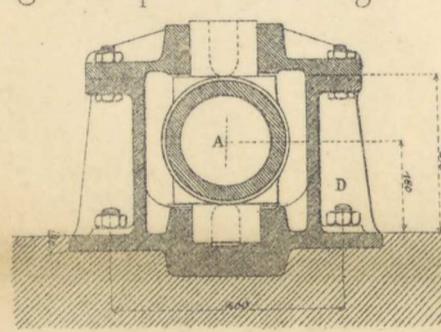


Fig. 7. Coupe tr le s^e d'un cabestan
st l'axe d'un cylindre.

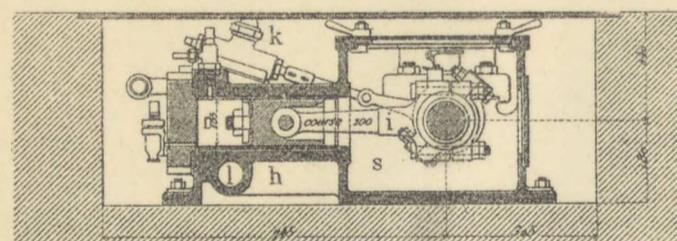


Fig. 8. Coupe transversale
par la boîte de distribution.

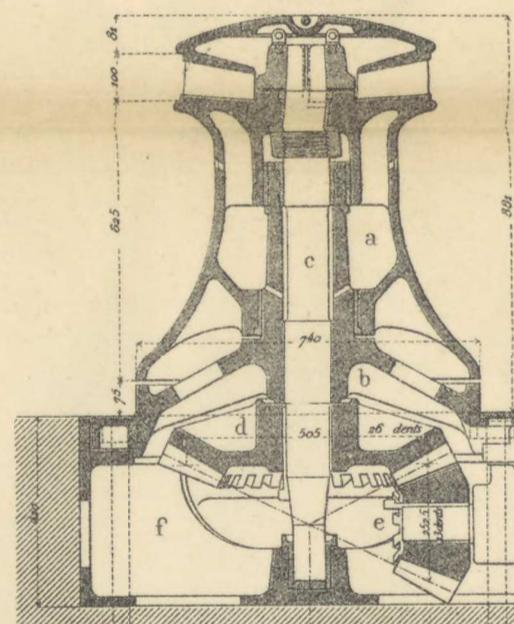


Fig. 5. Coupe longitudinale
st EF, GH. (Fig. 6)

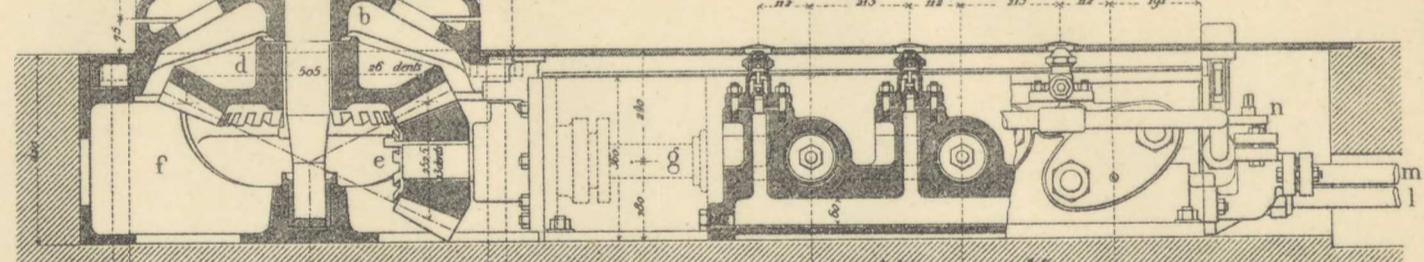


Fig. 6. Plan.

(Le couvercle de la caisse du mécanisme enlevé)

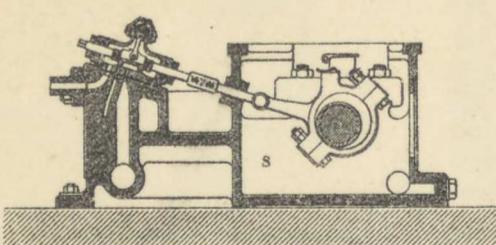
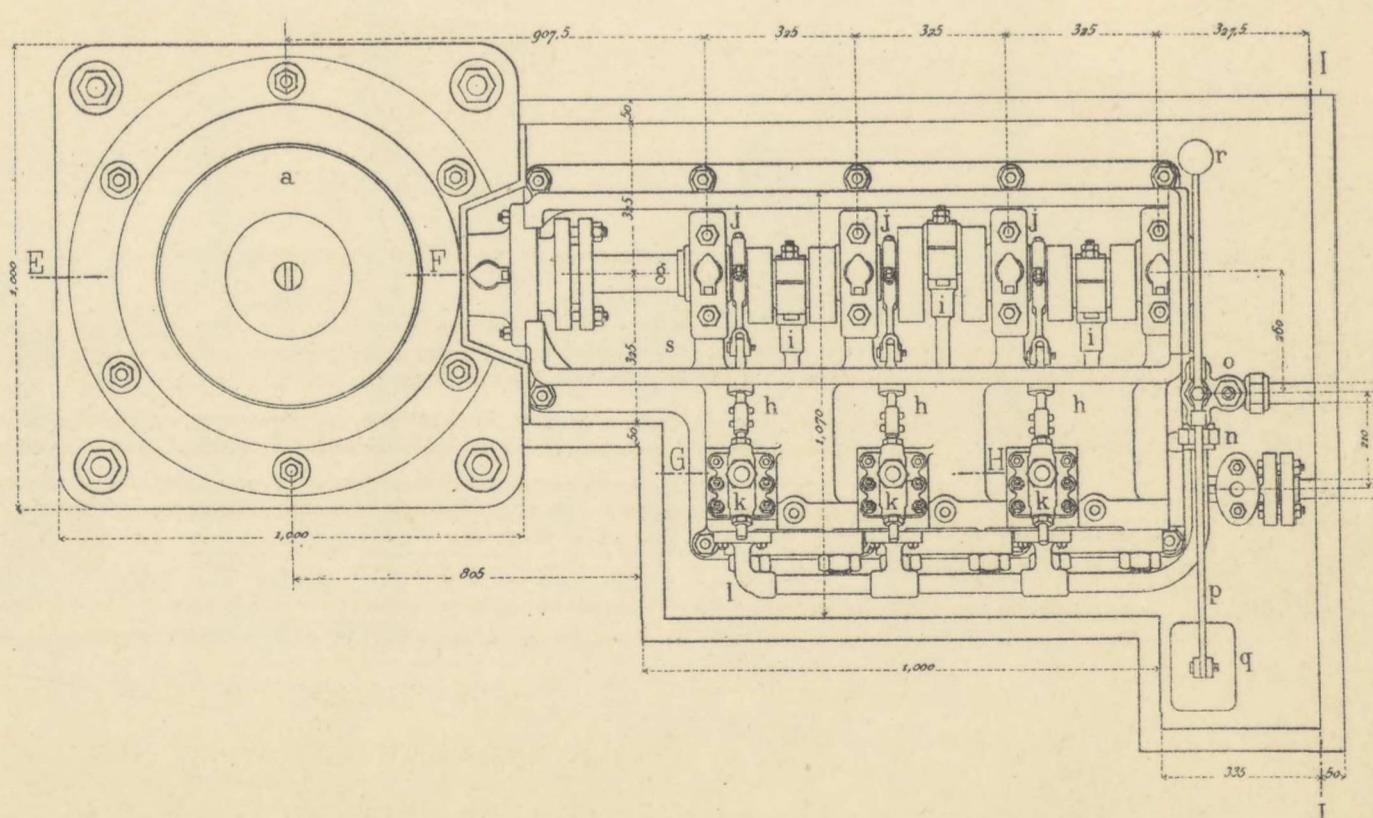
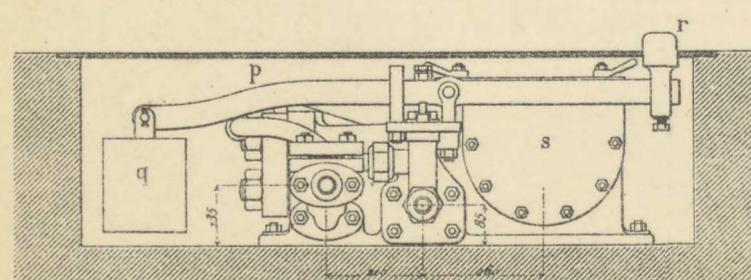
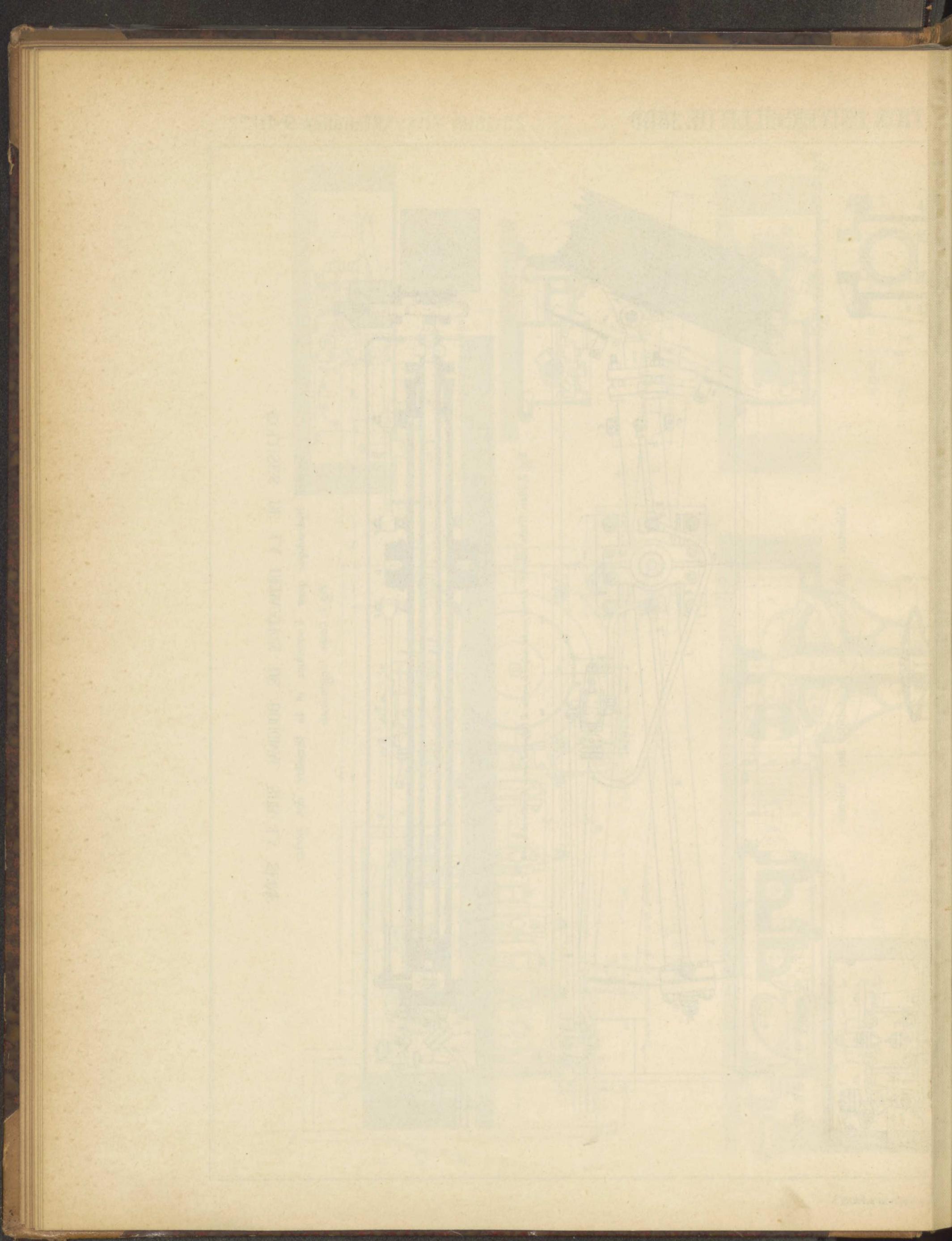
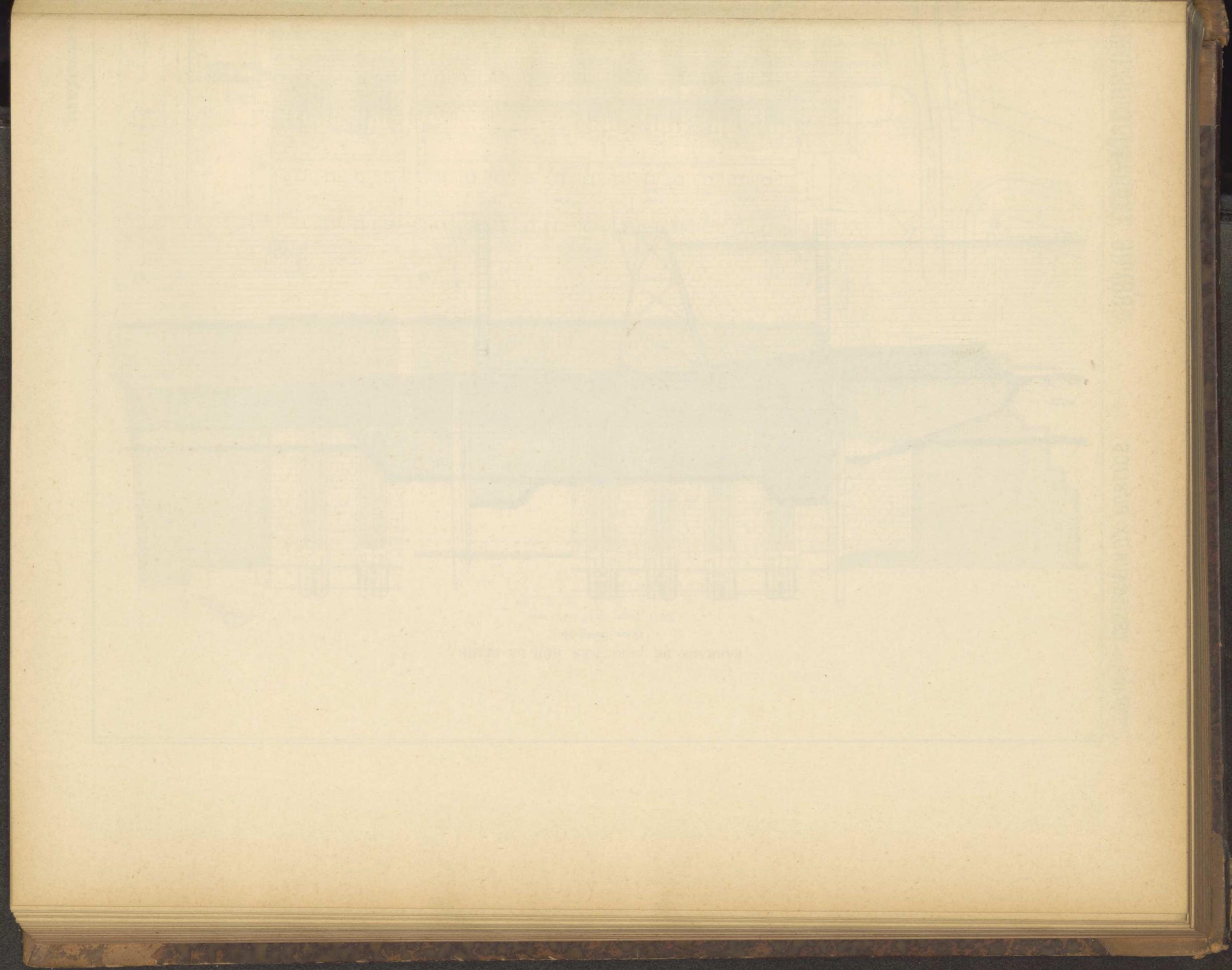


Fig. 9. Élevation latérale
st IJ (Fig. 6)







BARRAGE DE SURESNES SUR LA SEINE.

Passe Navigable.

FIG. 1 Coupe longue vue d'aval.

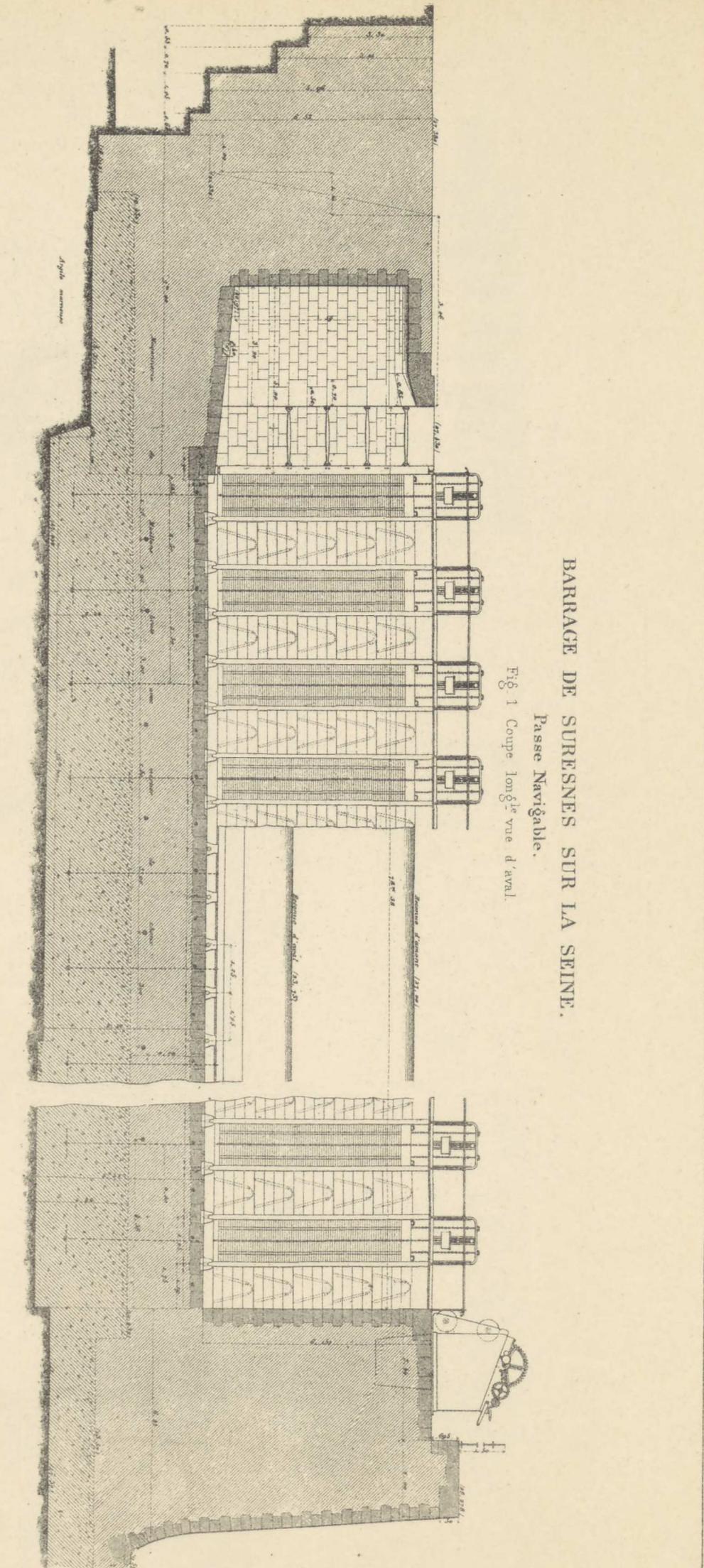


FIG. 2. Plan

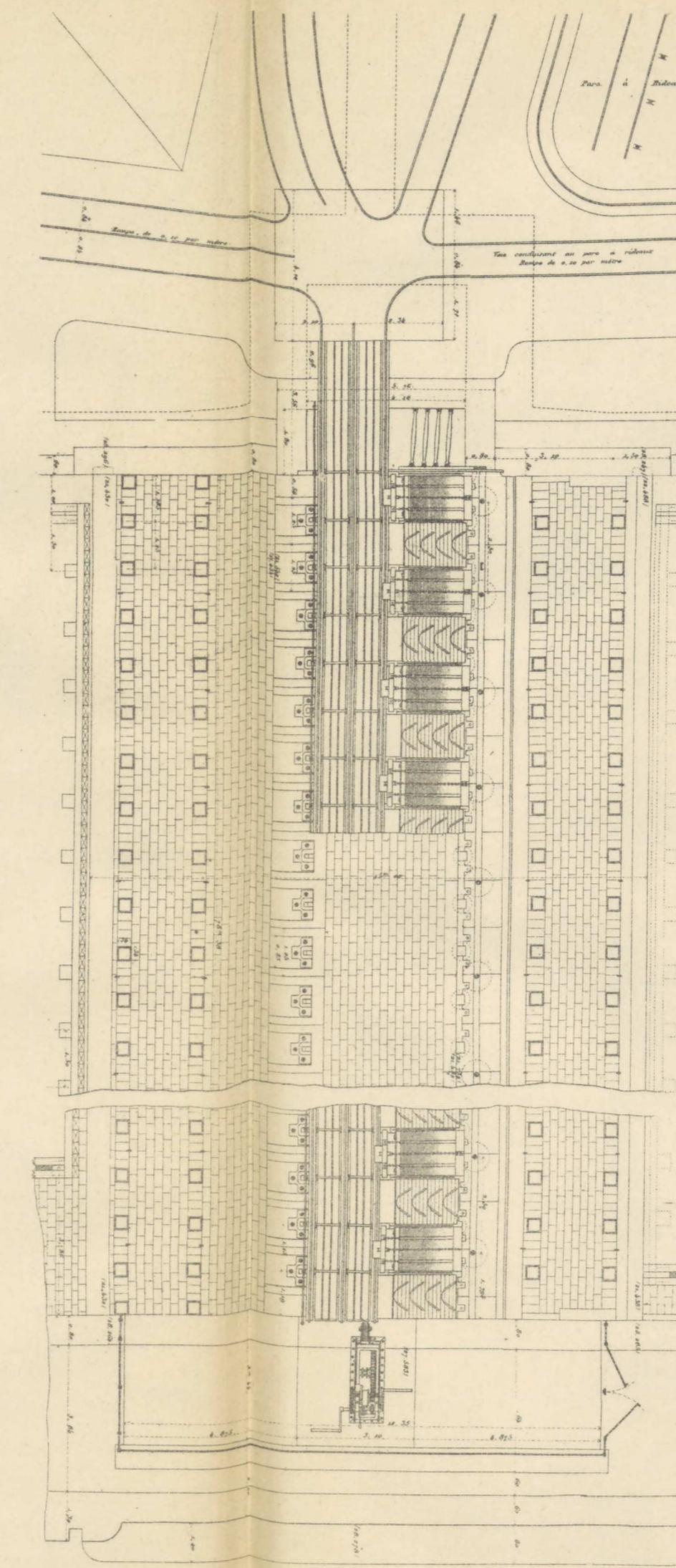
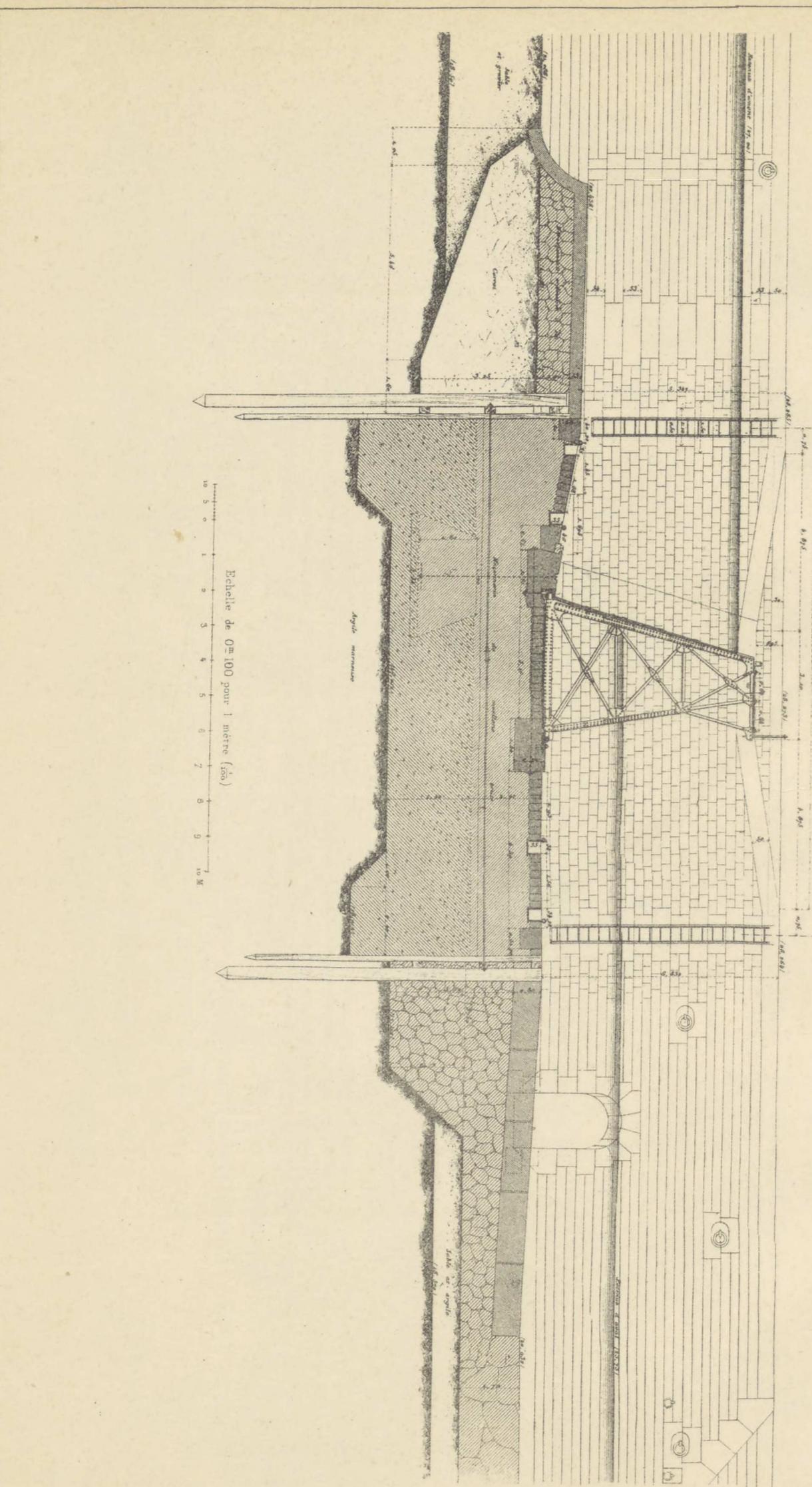
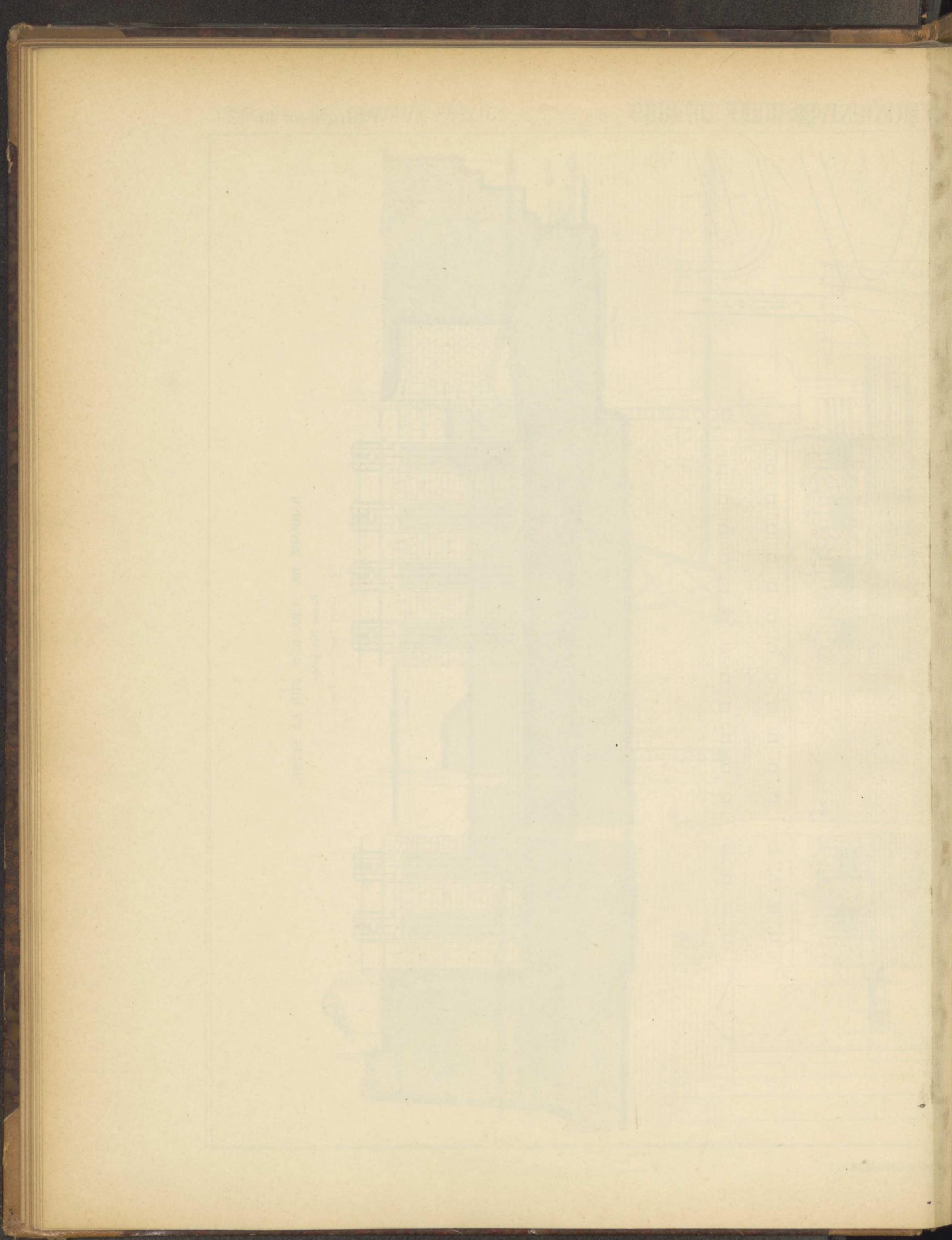
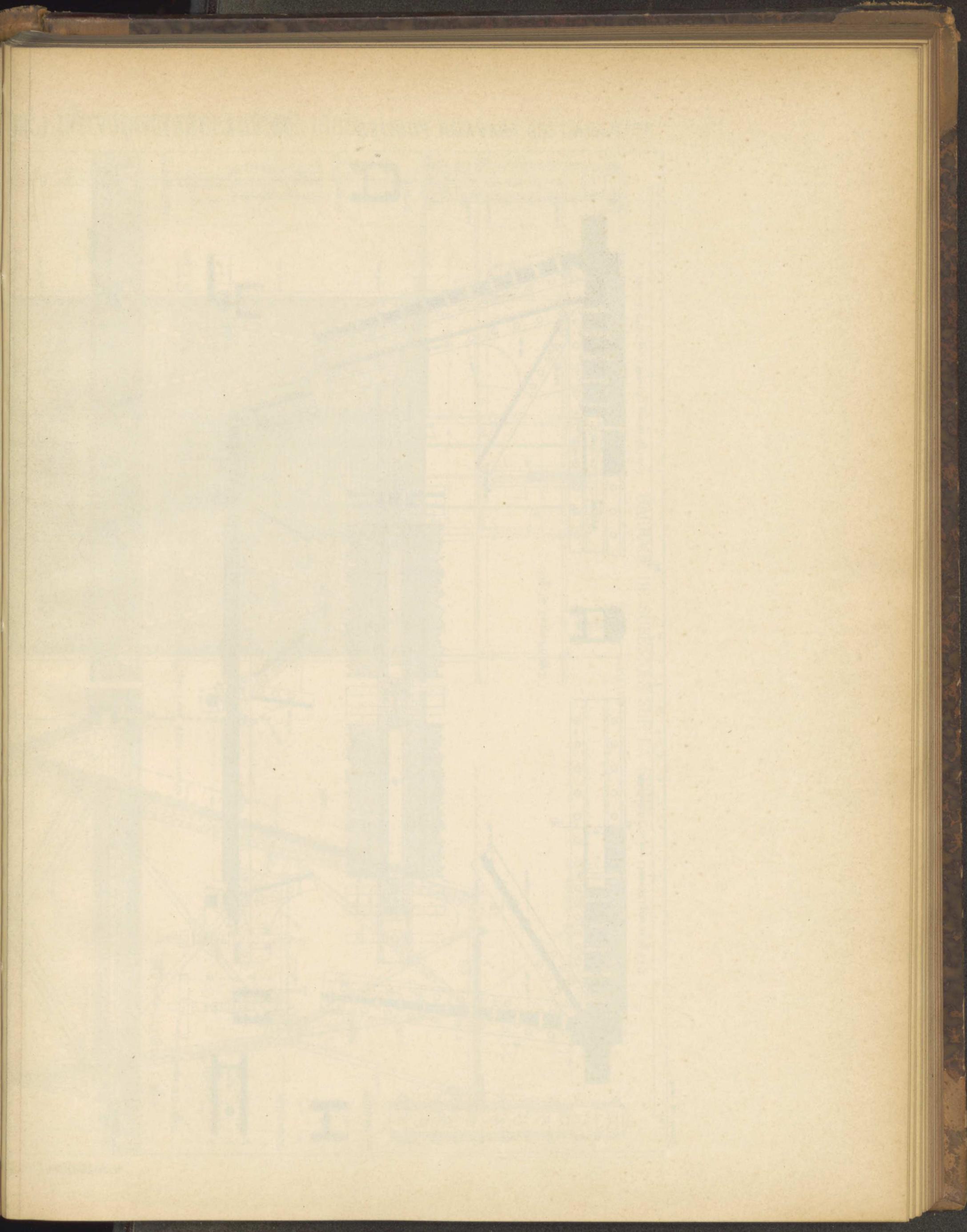


FIG. 3. Coupe transversale suivant A-B (FIG. 2.)



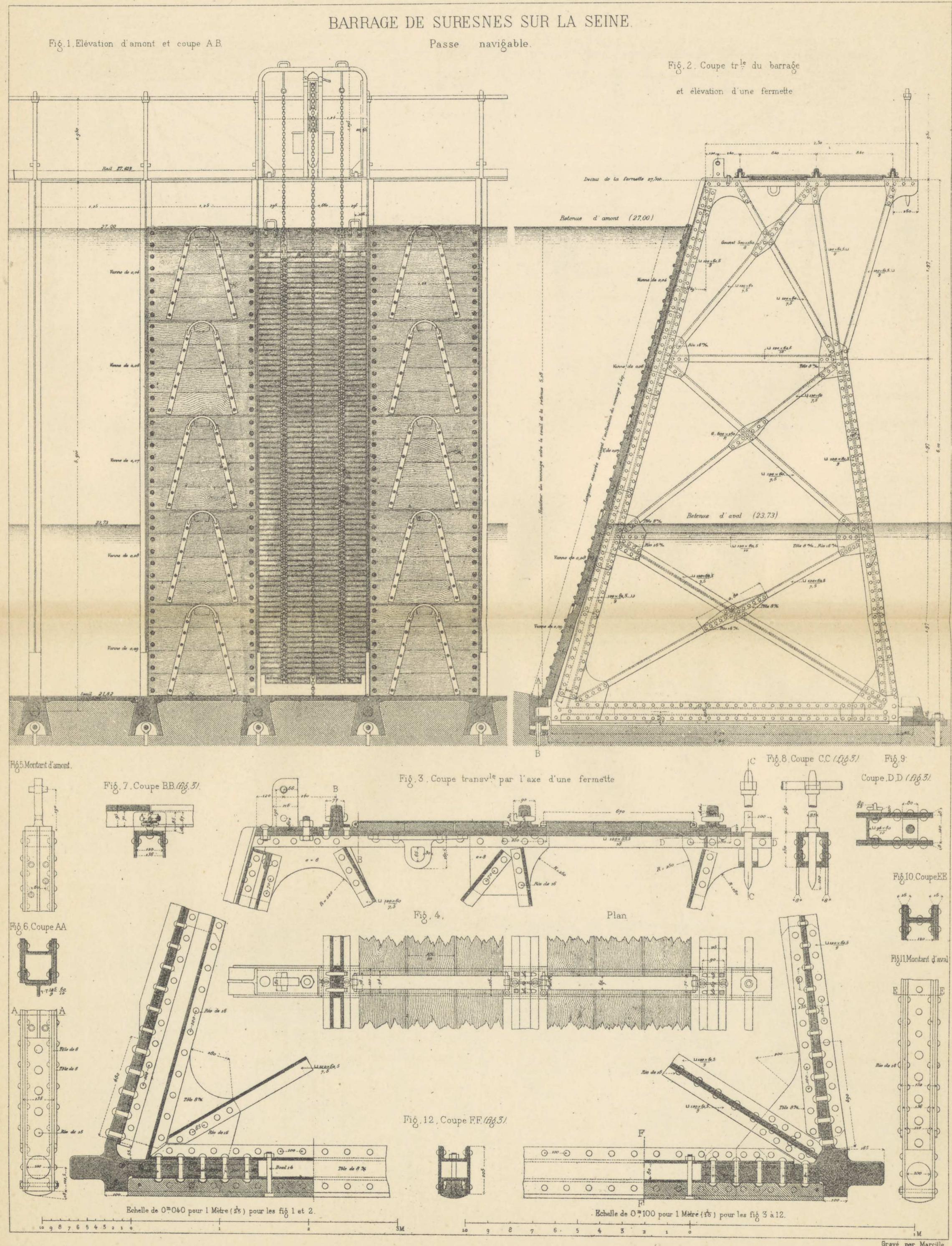


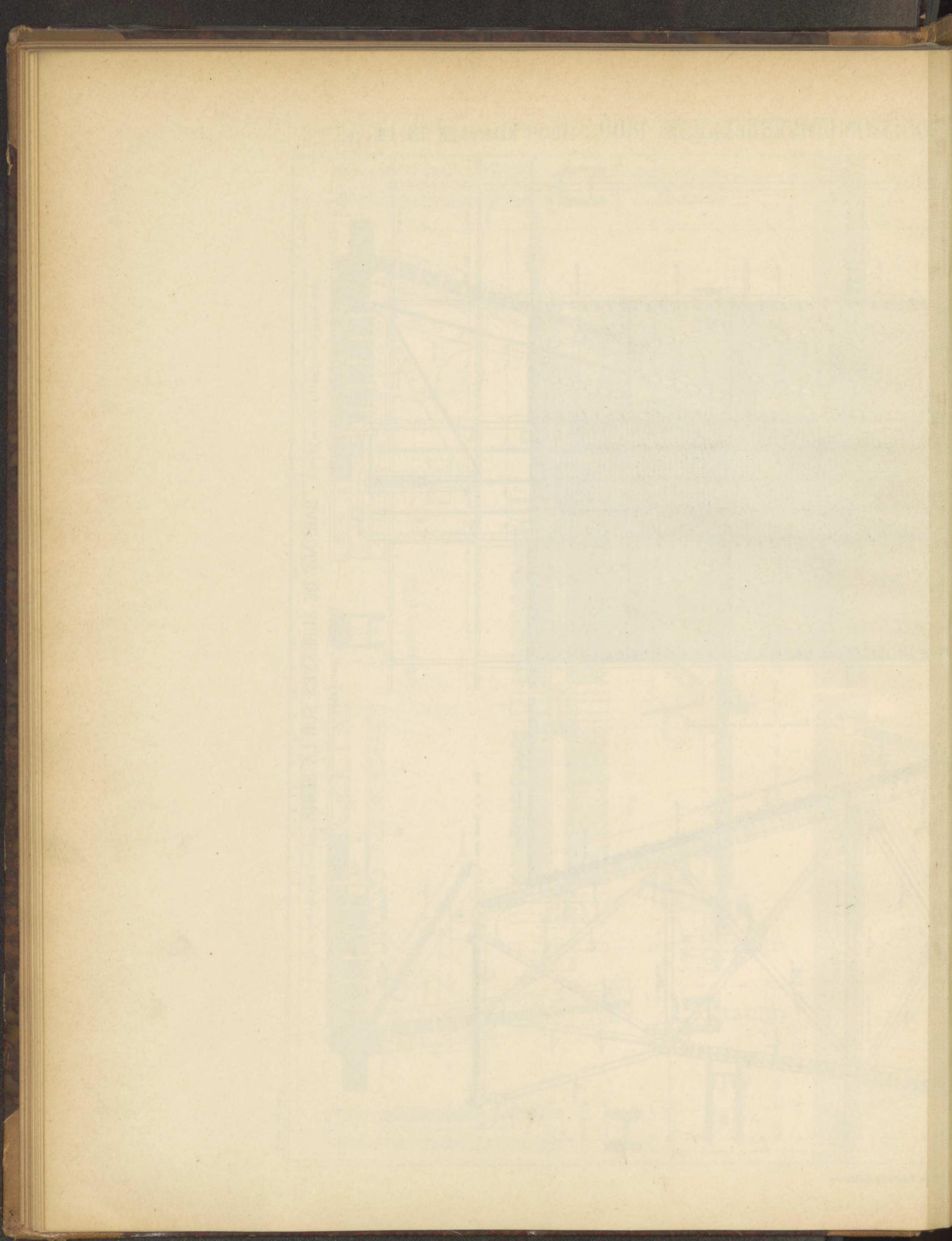


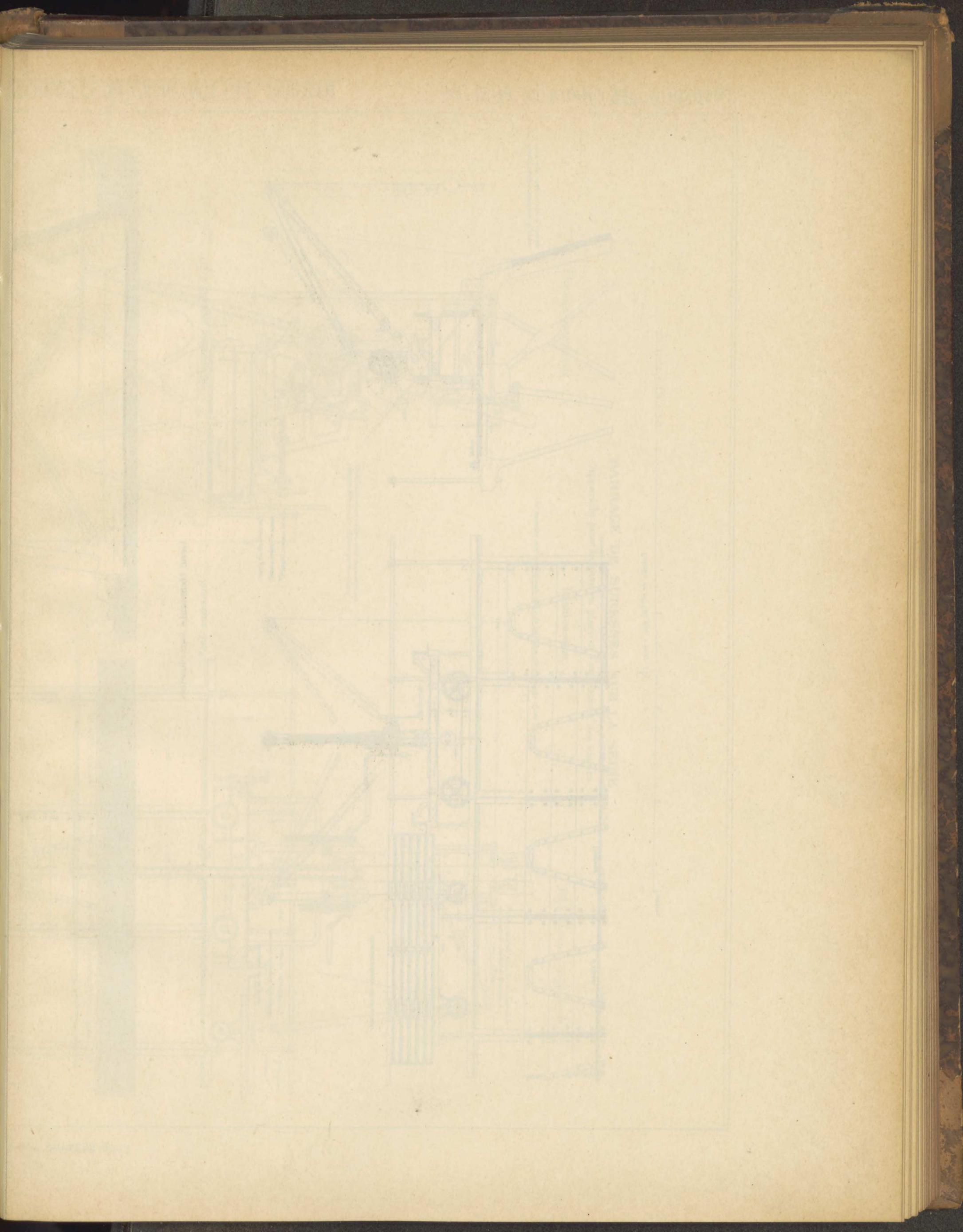
REVUE TECHNIQUE DE L'EXPOSITION UNIVERSELLE DE 1889

Planches 13-14.

3^{me} Partie. LES TRAVAUX PUBLICS.



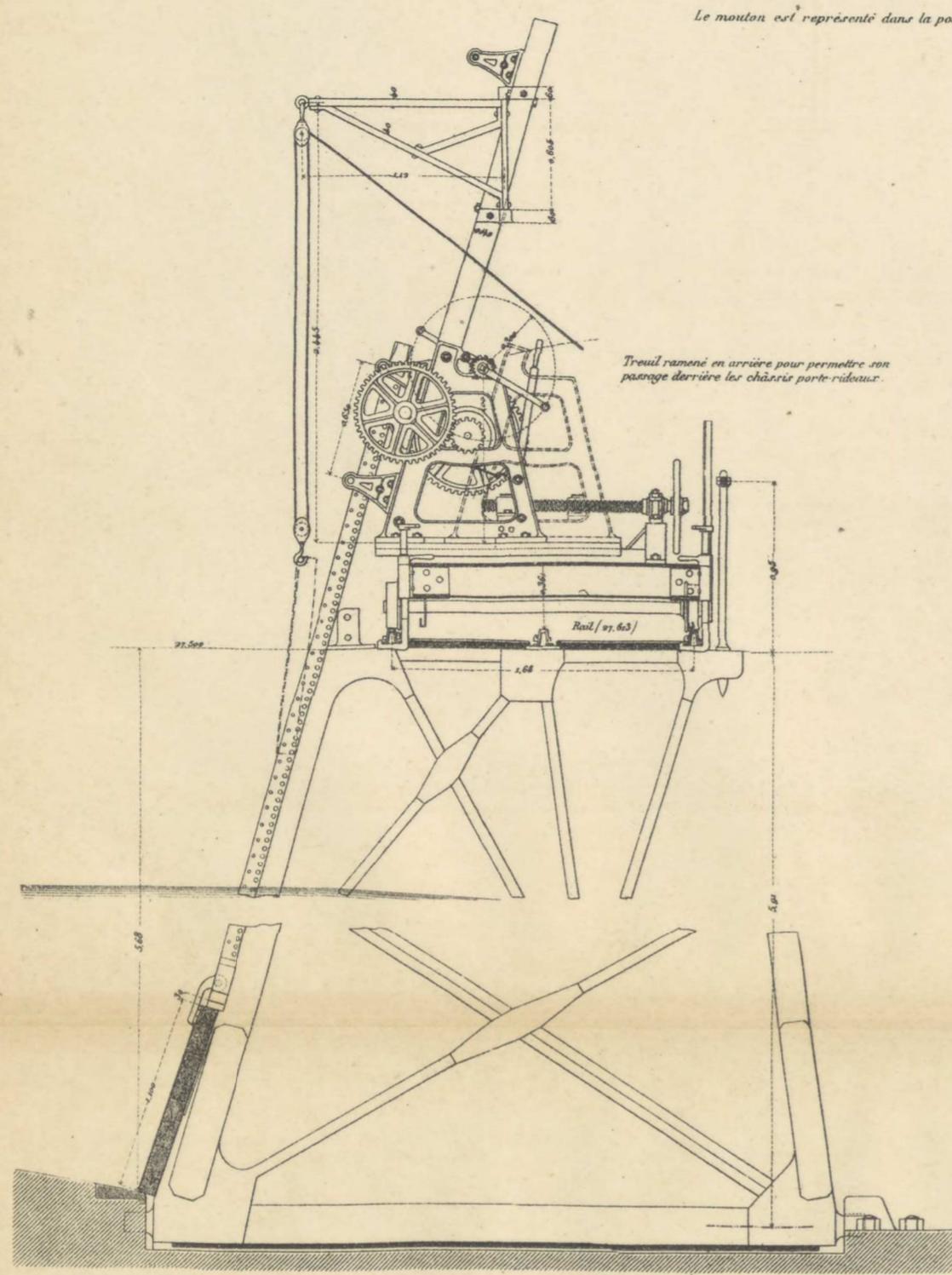




BARRAGE DE SURESNES SUR LA SEINE

Appareils pour la mise en place et l'enlèvement des vannes.

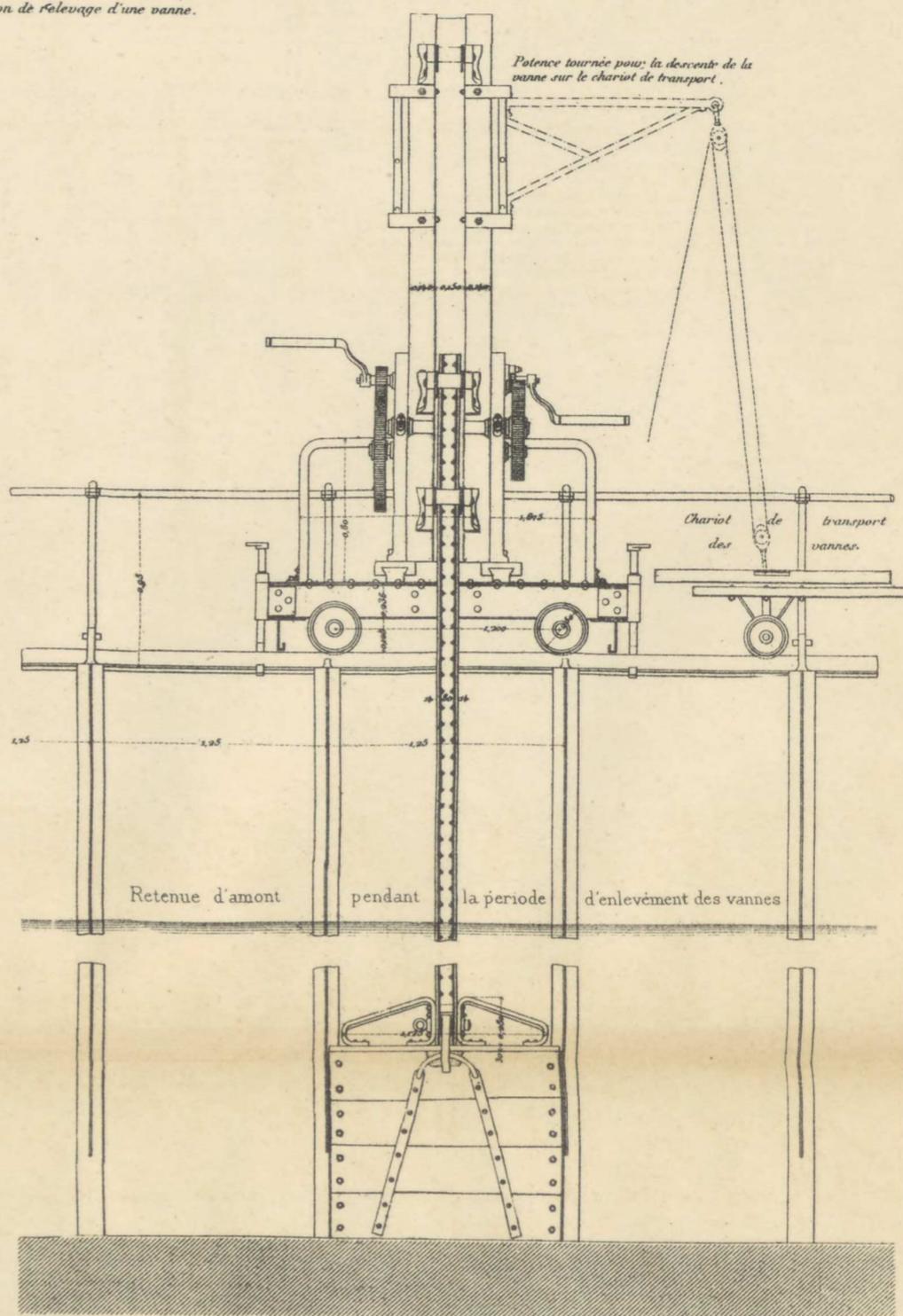
Fig. 1 Élevation transversale.



Treuil-mouton

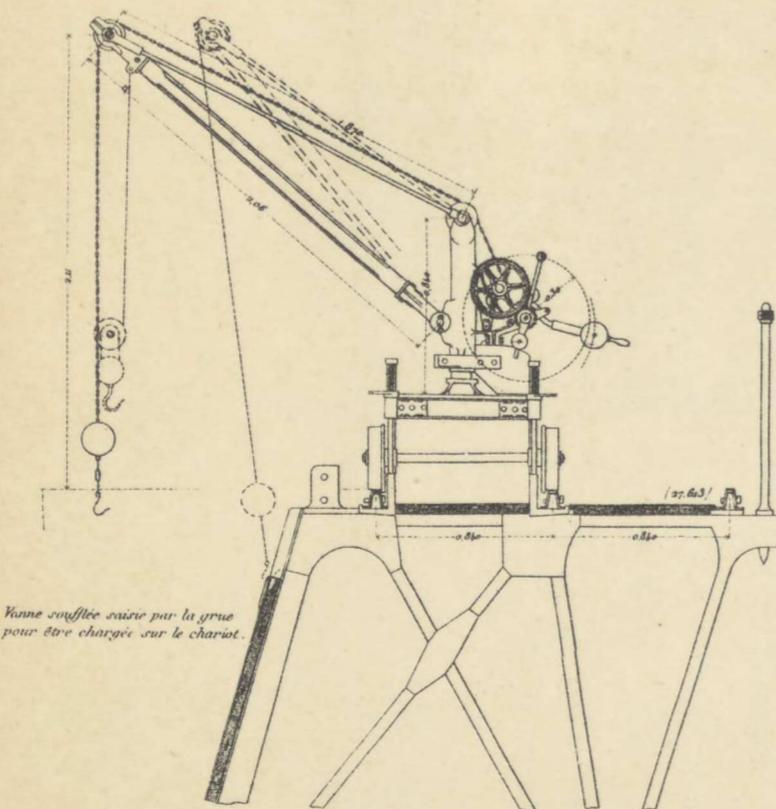
Le mouton est représenté dans la position de relevage d'une vanne

Fig 2 Élevation longitudinale



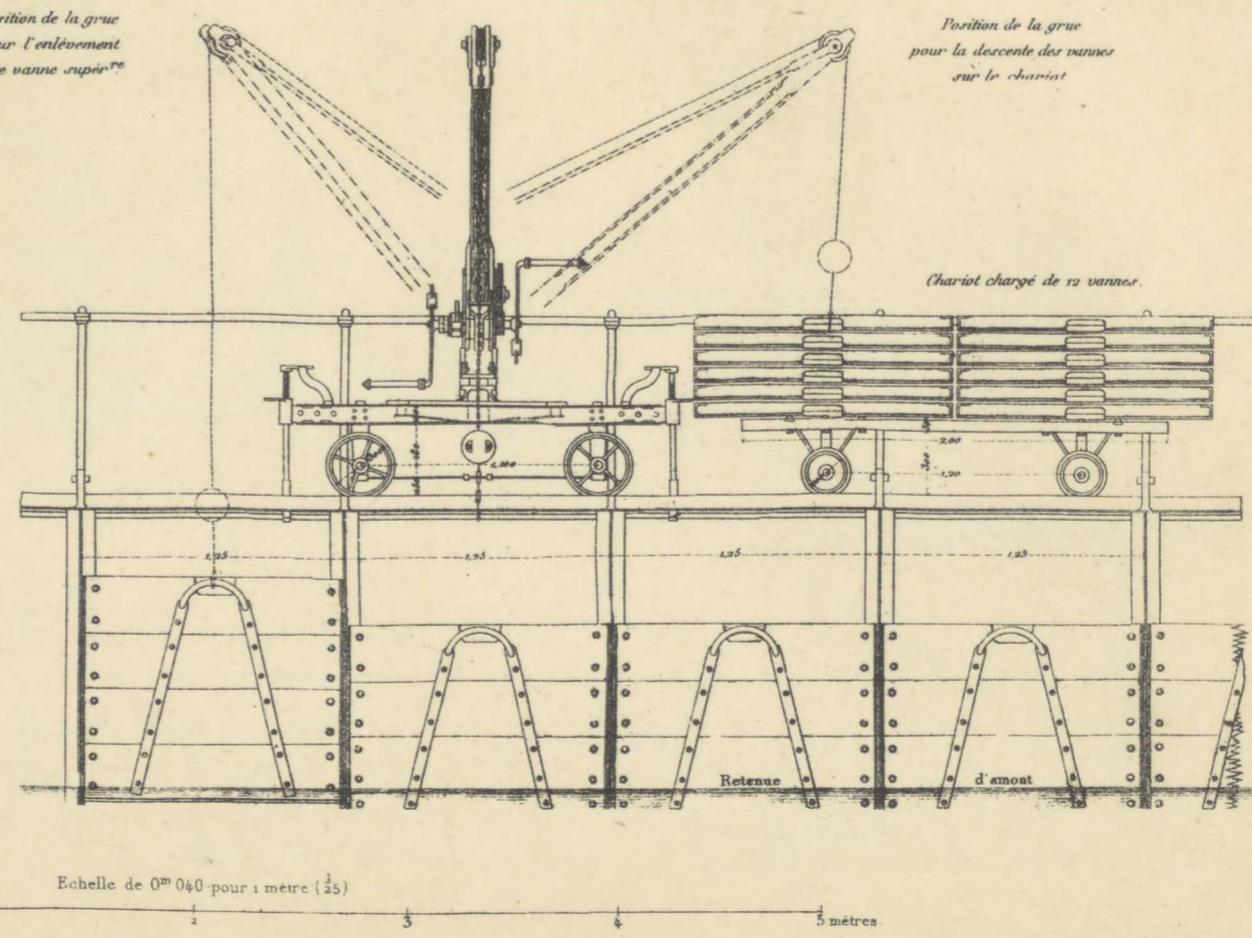
Grue tournante sur chariot.

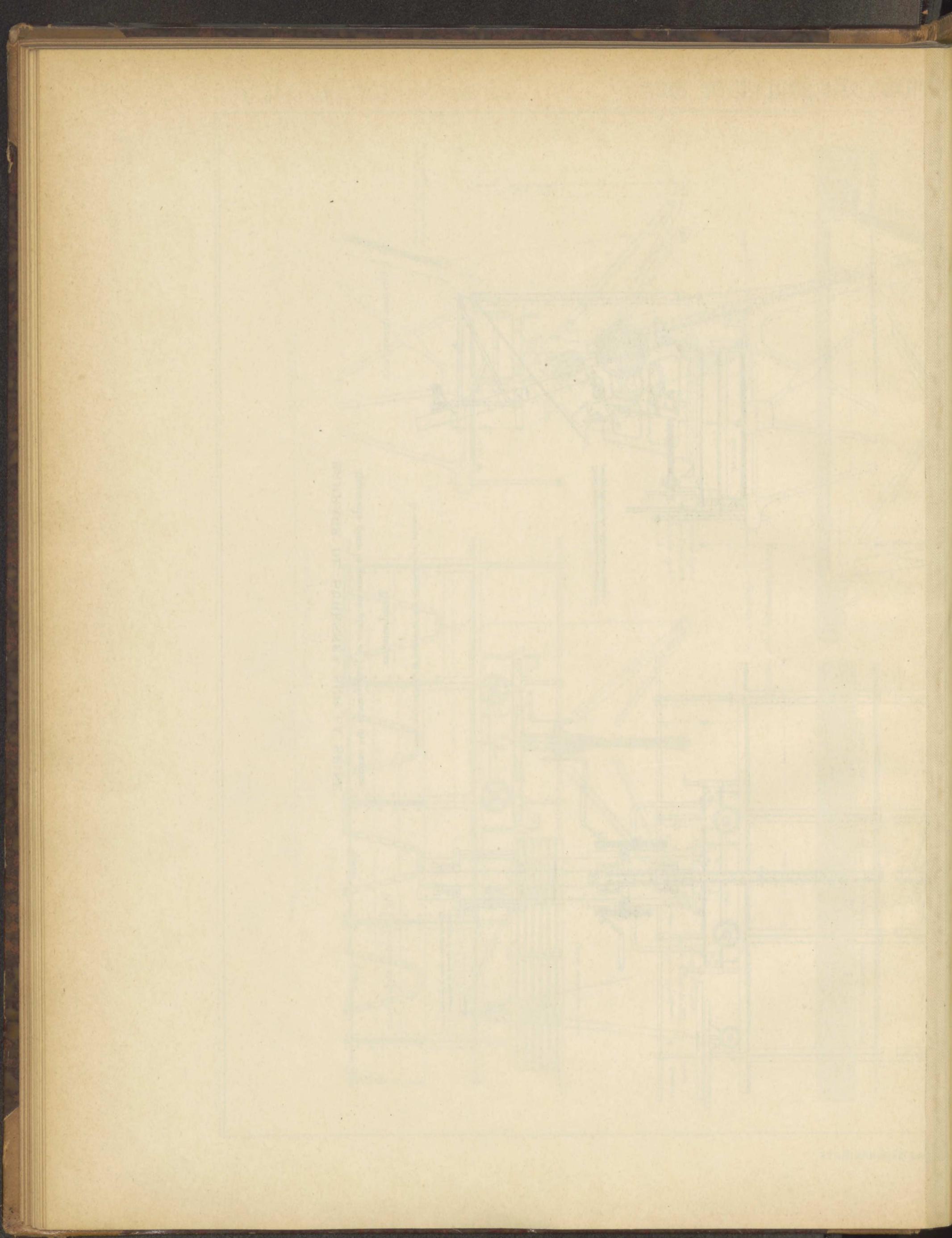
Fig. 3. Élévation transversale

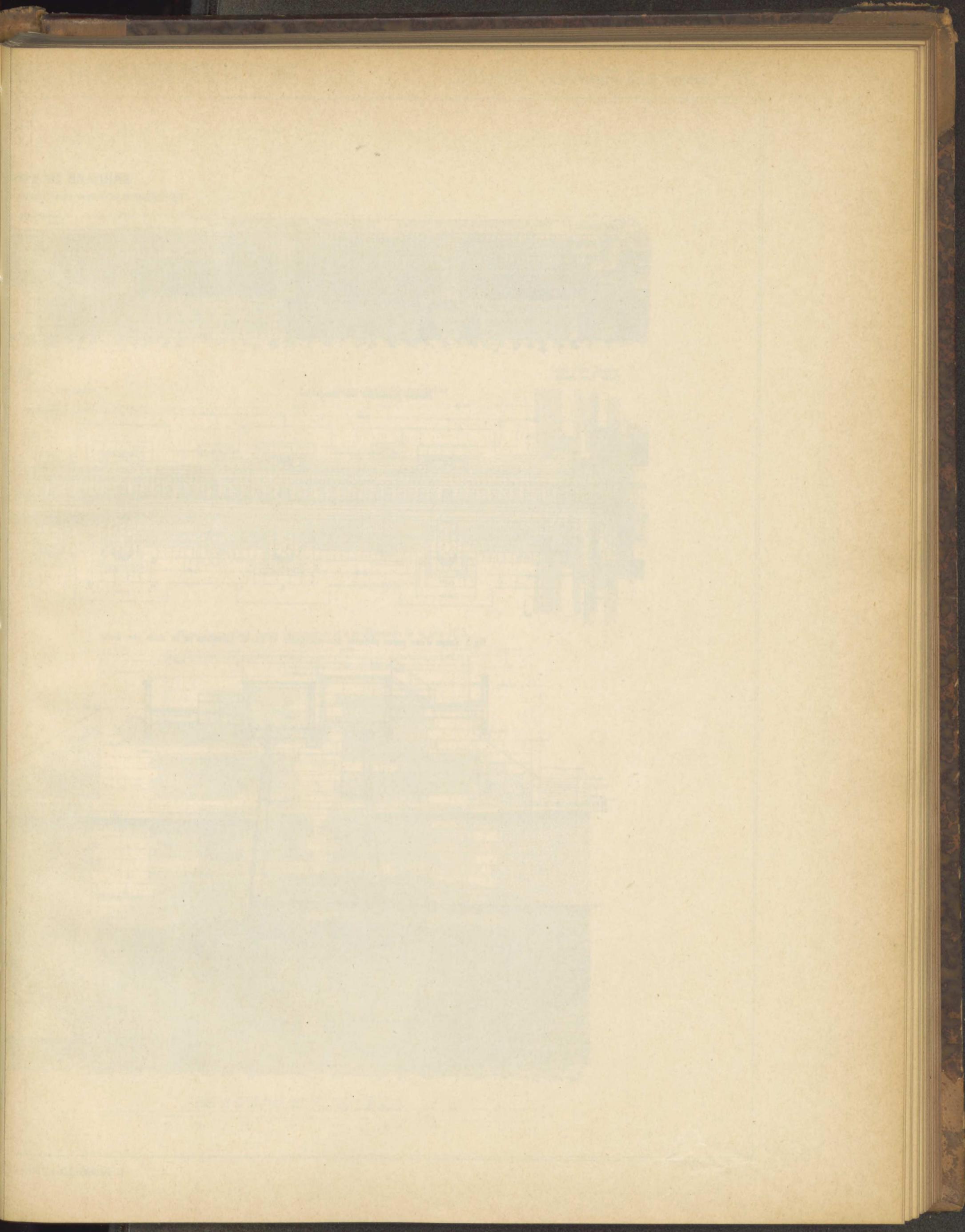


Puissance 300^W

Fig. 4. Élévation longitudinale

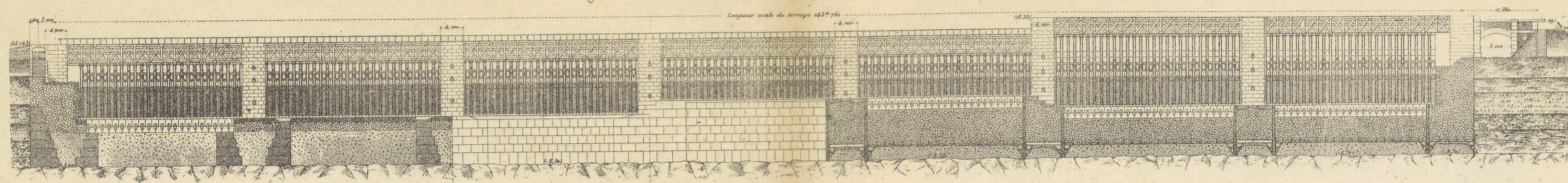






BARRAGE DE POSES SUR LA SEINE.

Fig. 1. Élévation et coupes d'aval suivant la ligne brisée AA BB CC DD EE FF GG HH II JJ.



Culée Rive droit

Passes profondes non navigab

Culée Rive gauche.

Fig. 2. Plan

Passes déversoir

Passes profondes navigables.

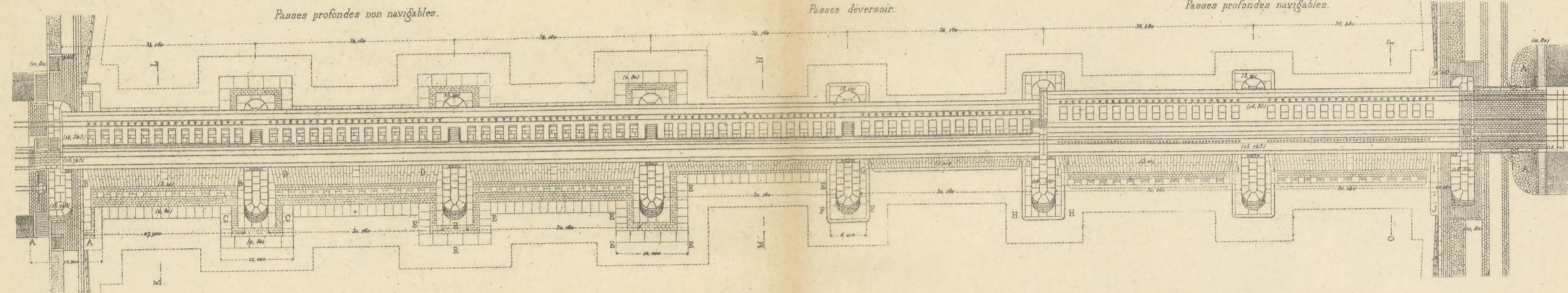


Fig. 3. Coupe d'une passe profonde non navigable s^e K L et Elevation de la culée rive droite

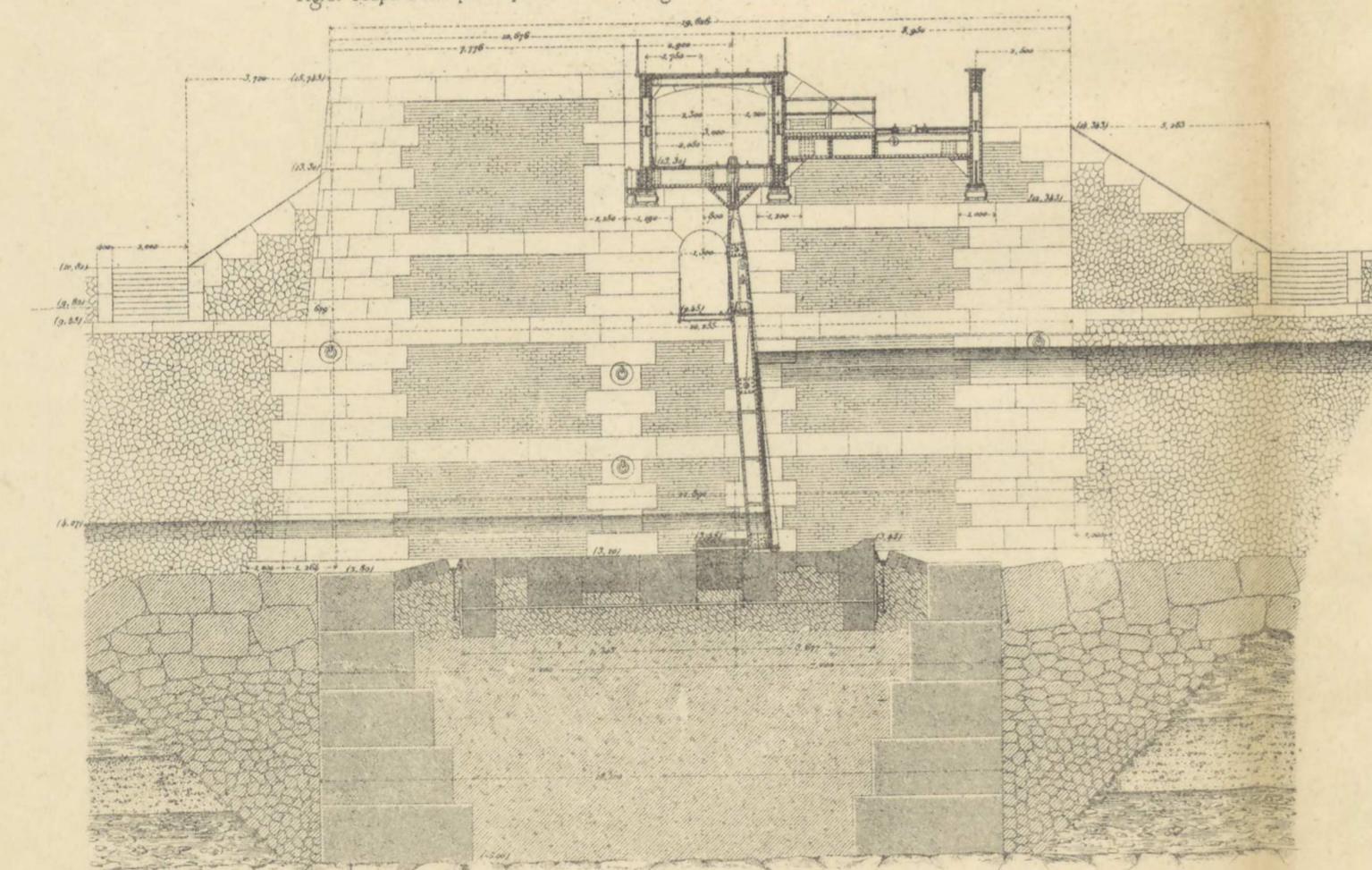
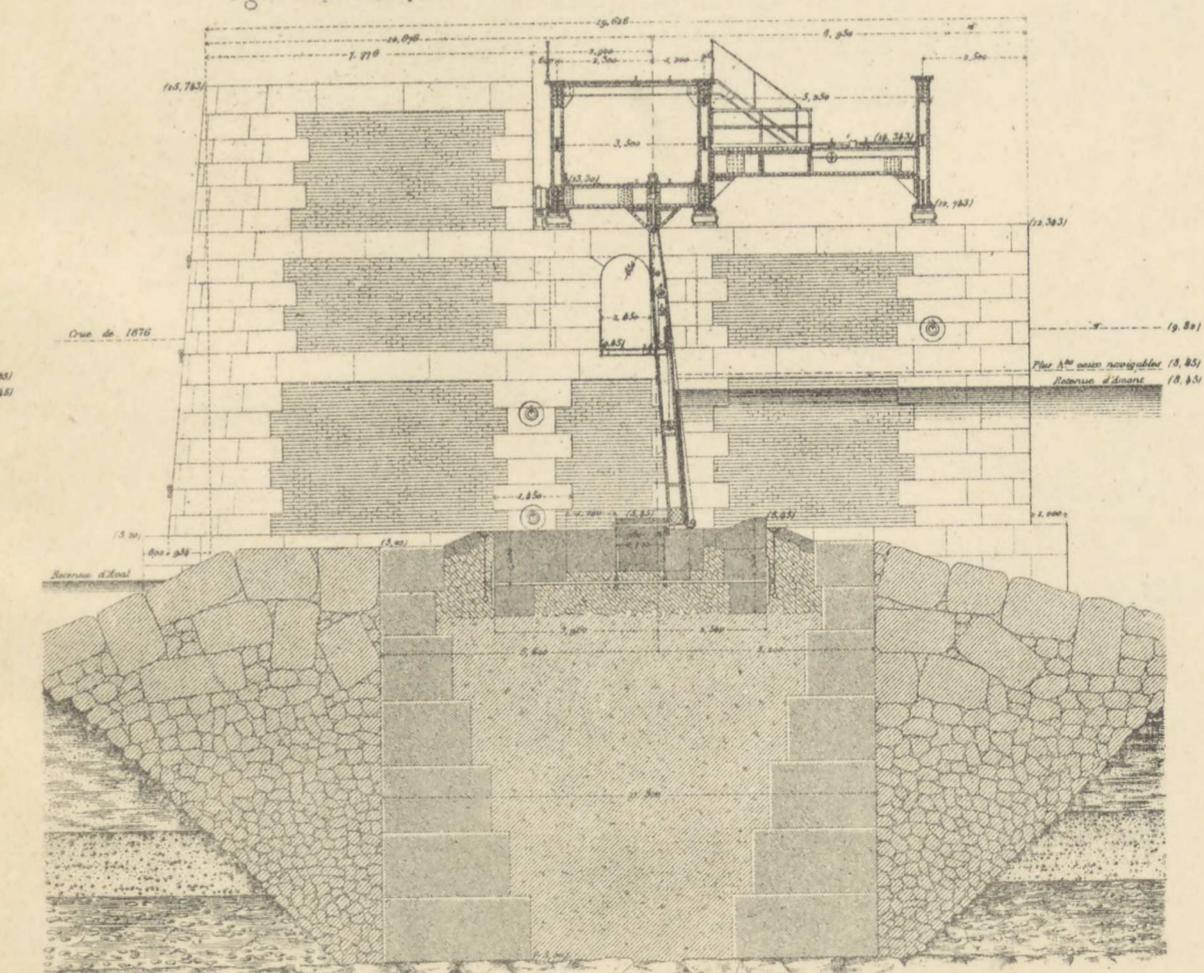
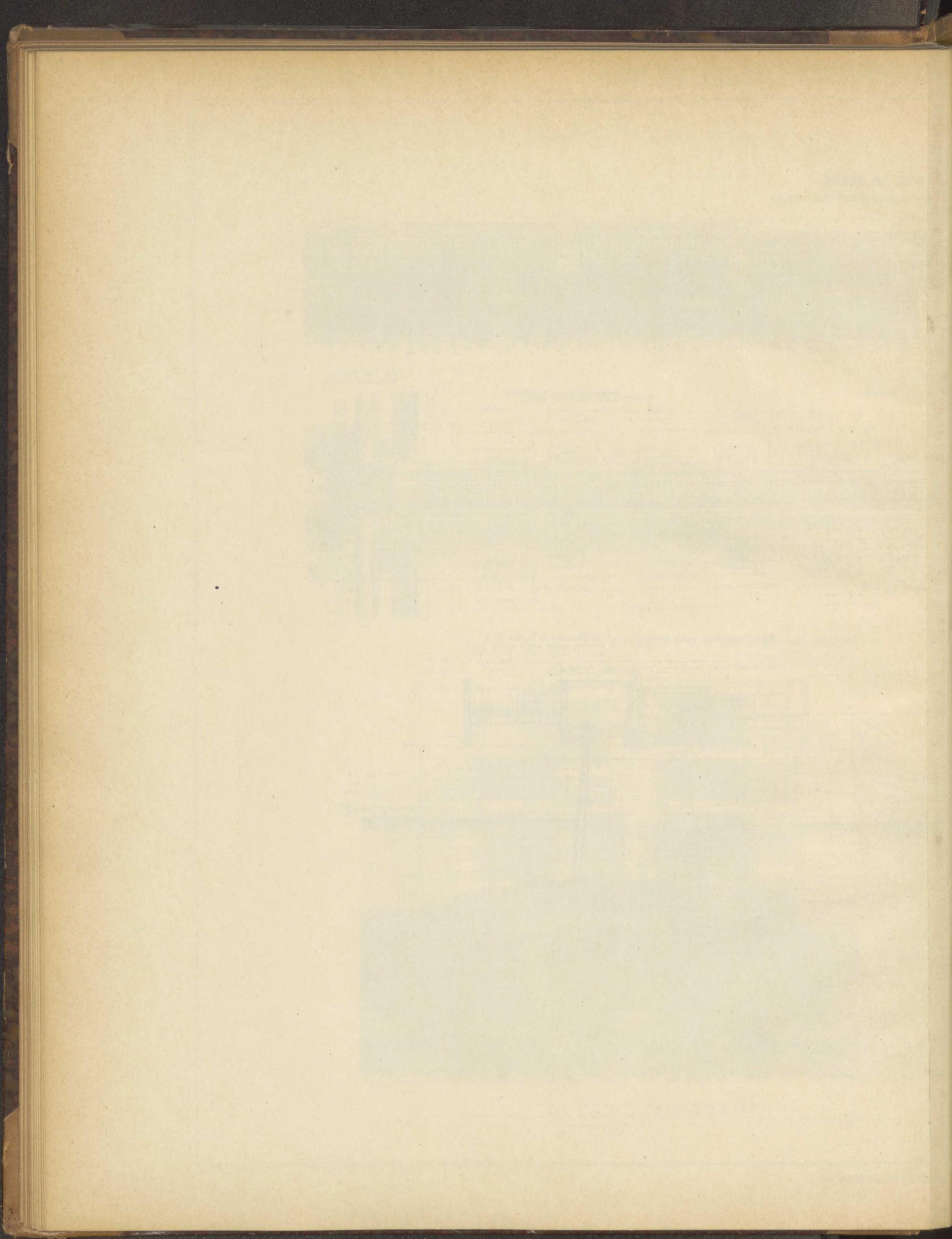


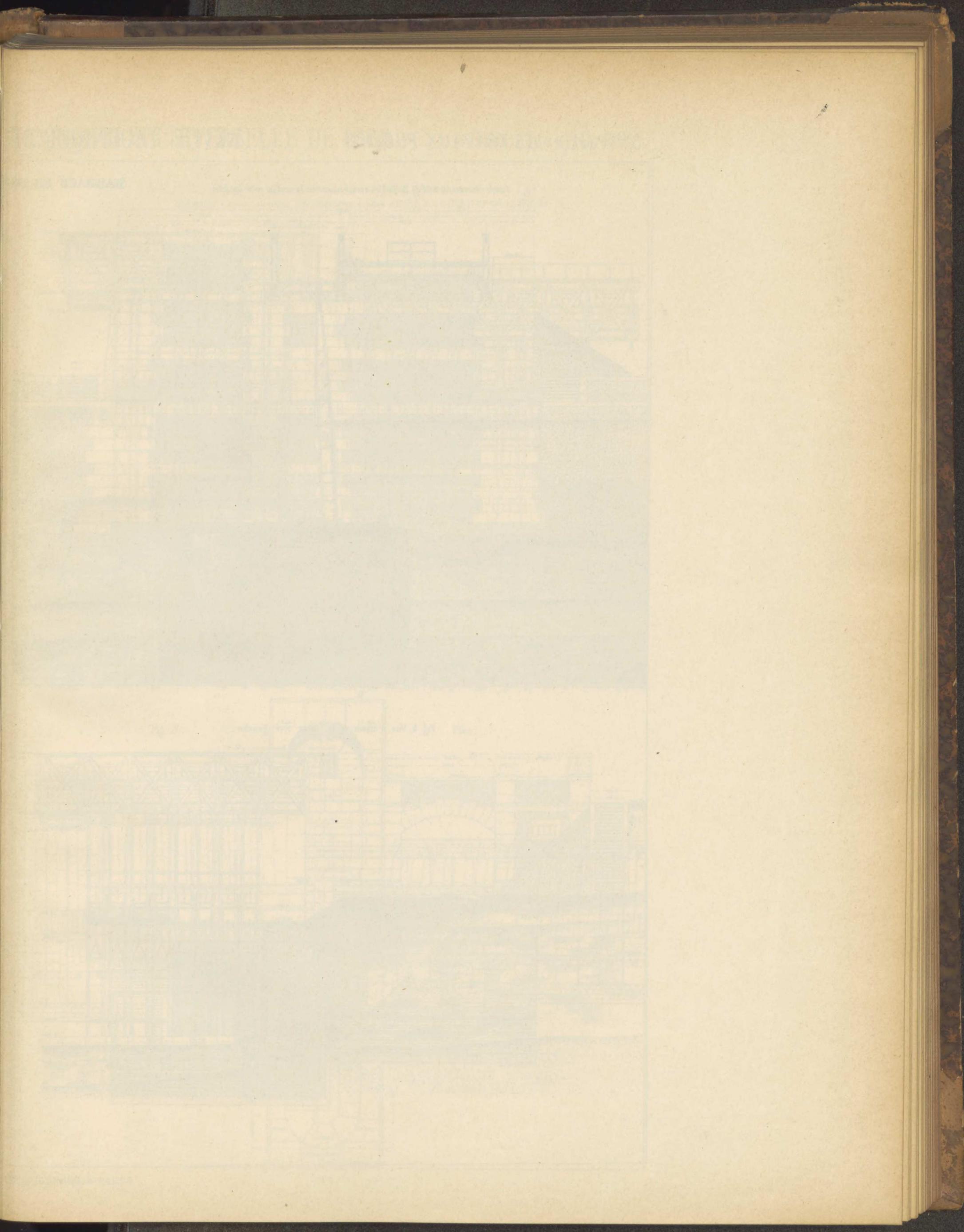
Fig. 4. Coupe d'une passe déversoir s^e MN et Elévation de la pile N^o 3.

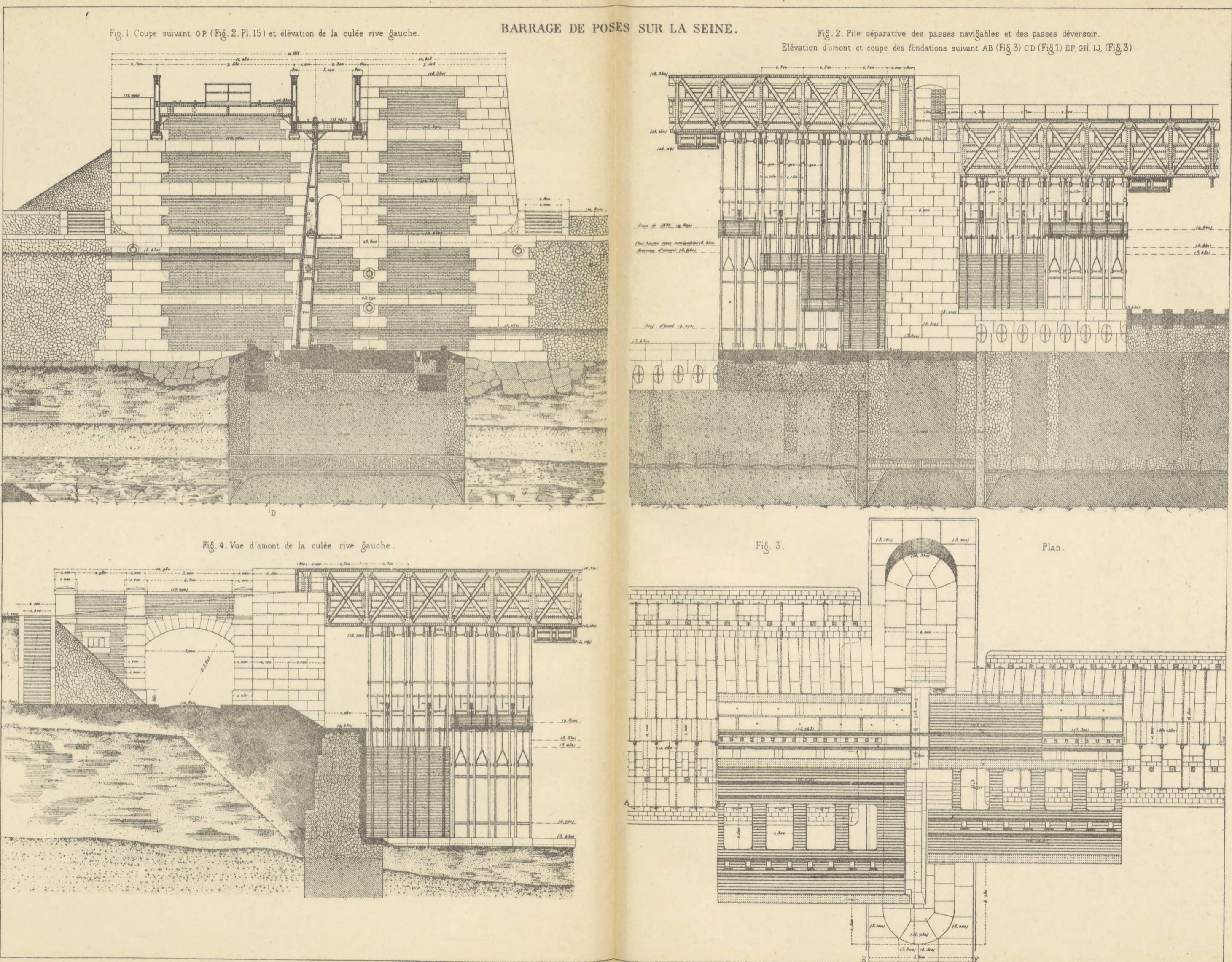


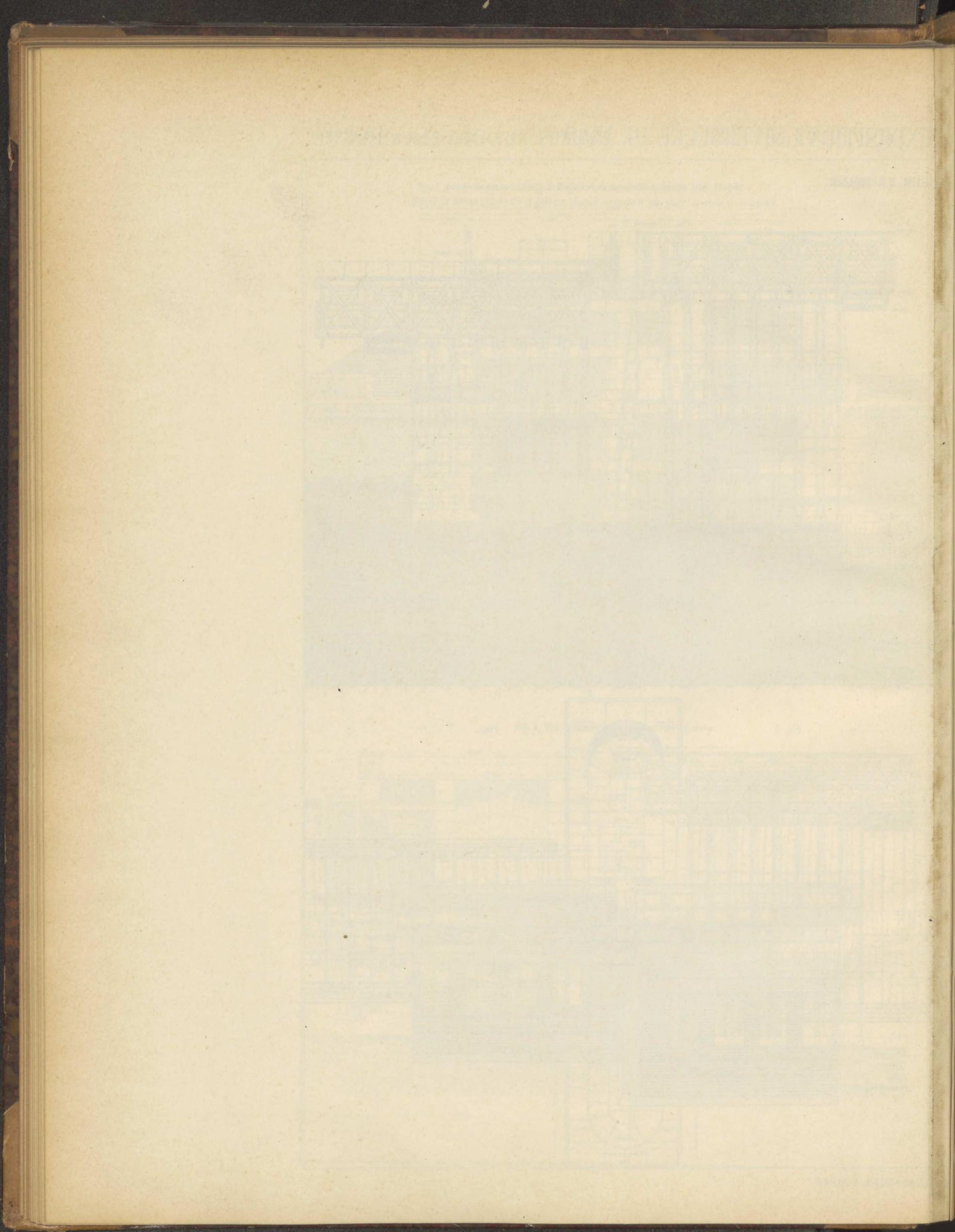
Echelle de 0⁰⁰002 pour 1 mètre (500) pour les fig. 1 e

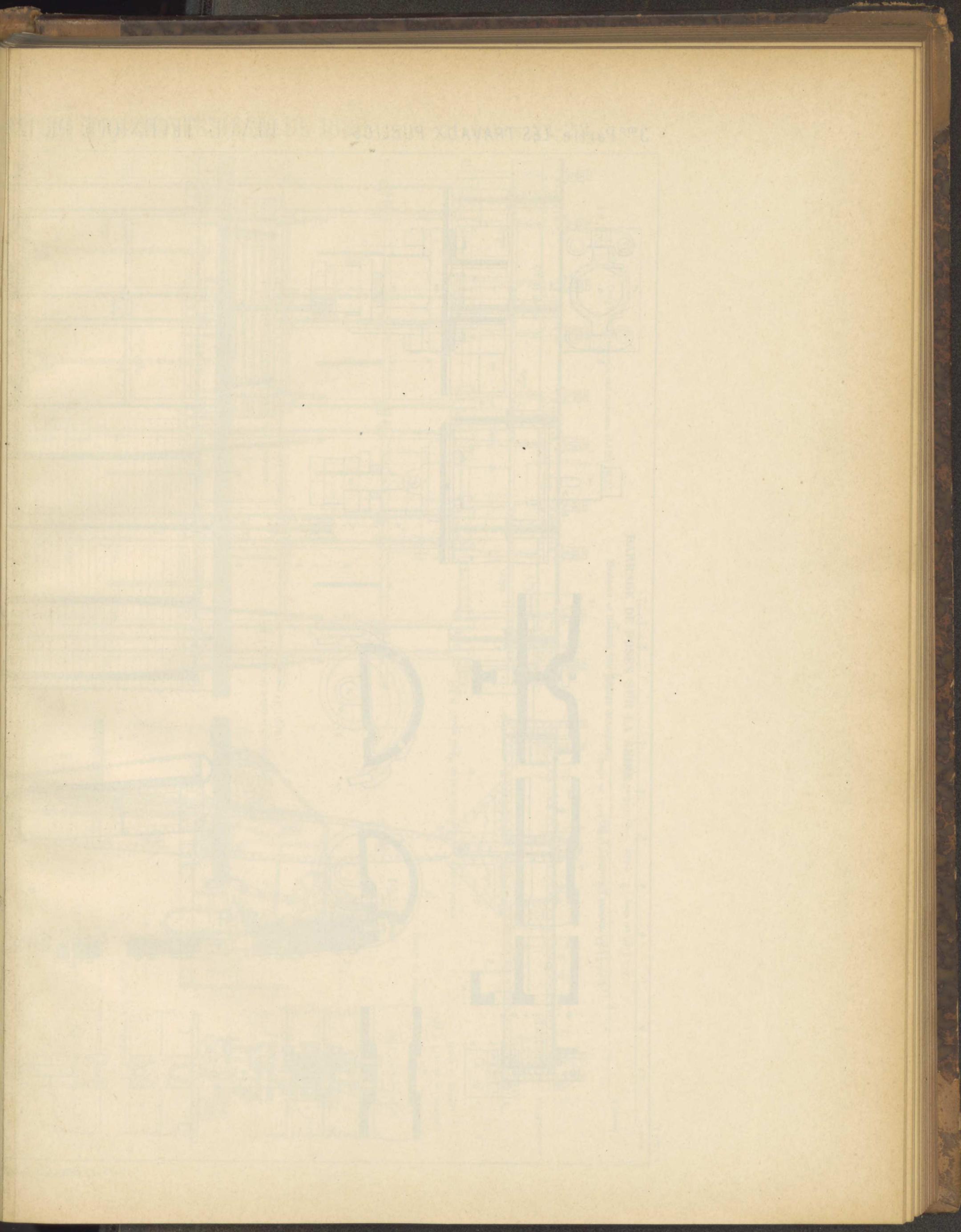
Echelle de 0^m.008 pour 1 mètre ($\frac{1}{125}$) pour les fig. 3 et 4.

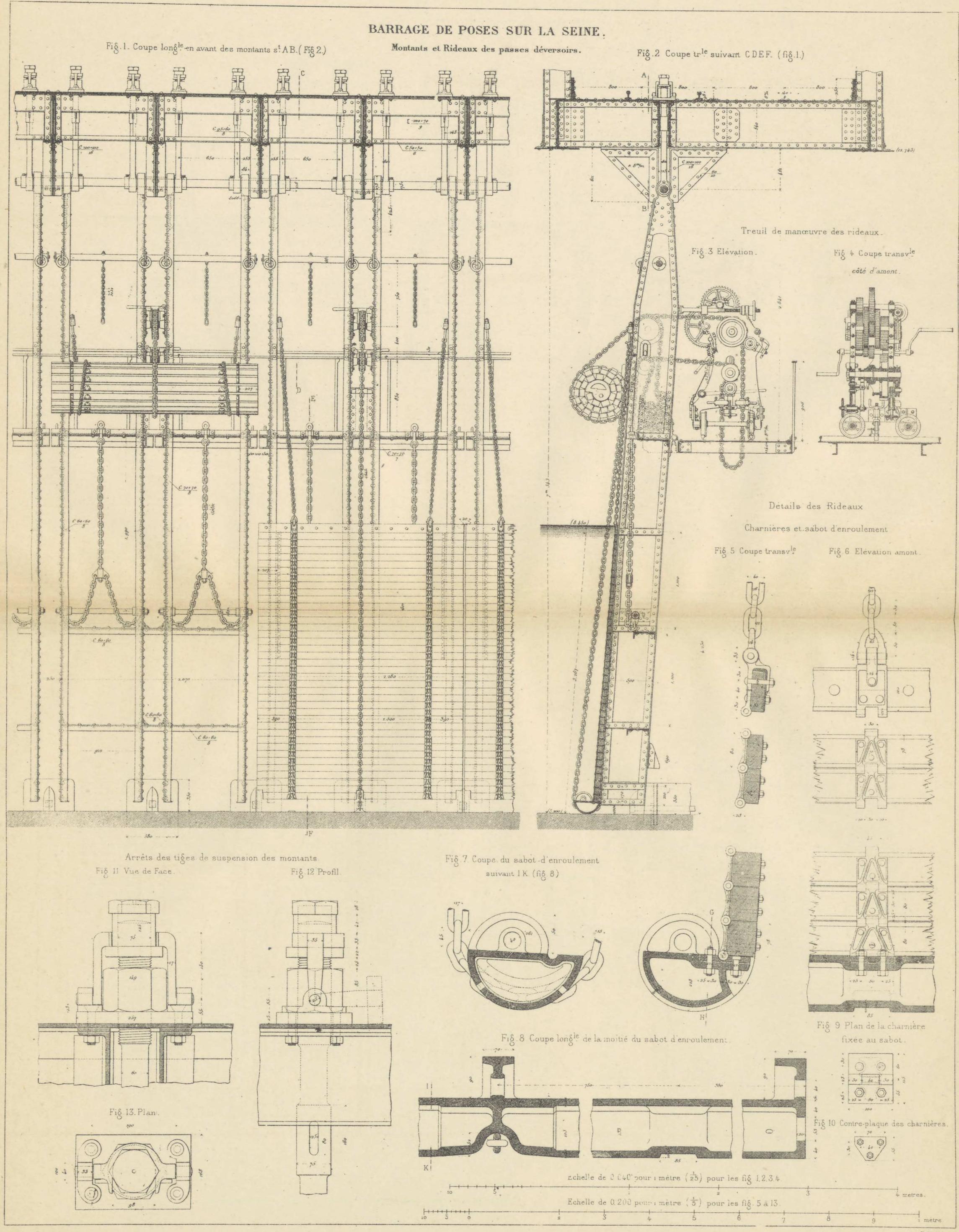




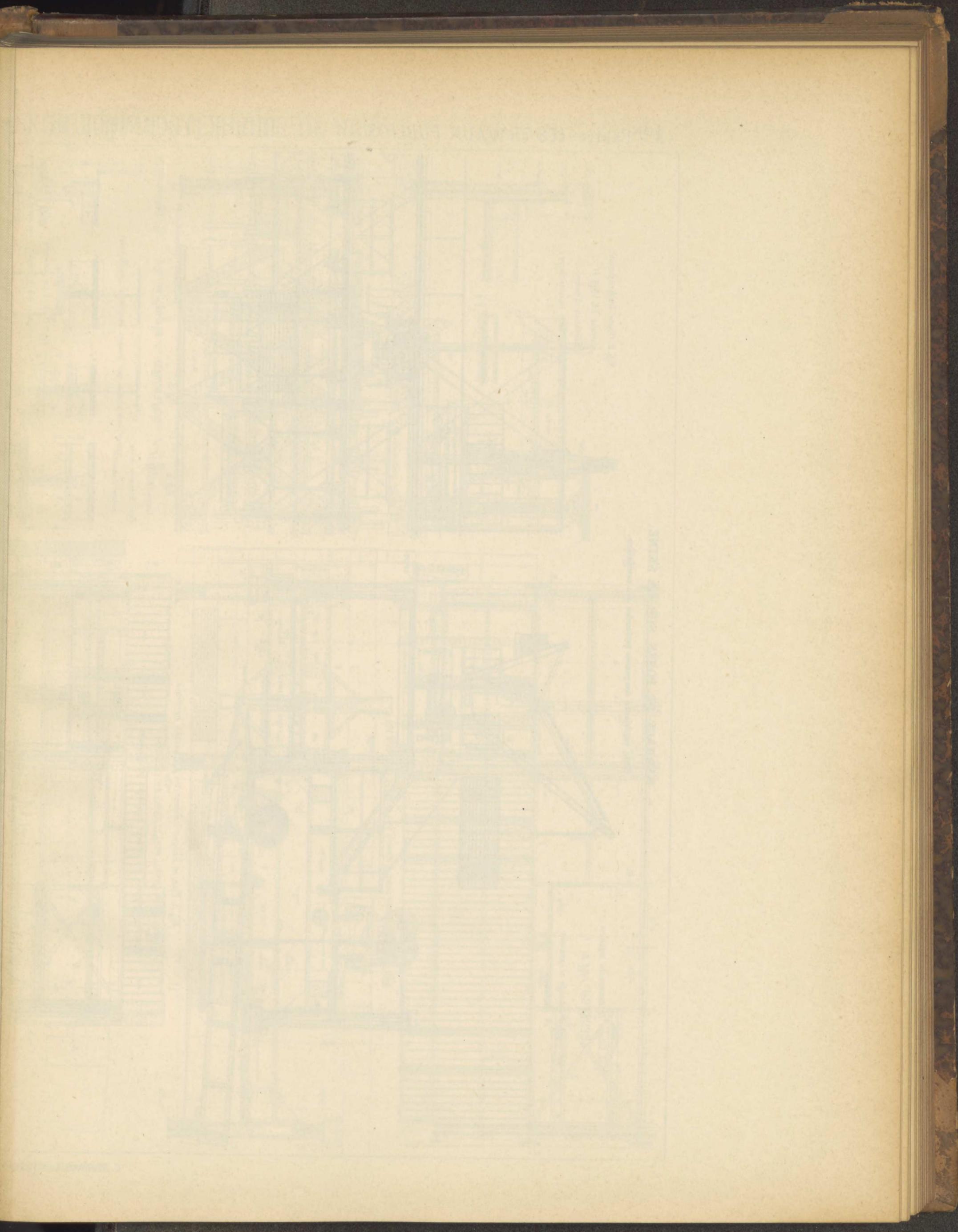








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BARRAGE DE POSES SUR LA SEINE.

Ponts supérieurs des passes profondes non navigables.

Fig. 1. Coupe transversale suivant ABCDEFGH (Fig. 3).

avec cadre en relevage et appareils de manœuvre.

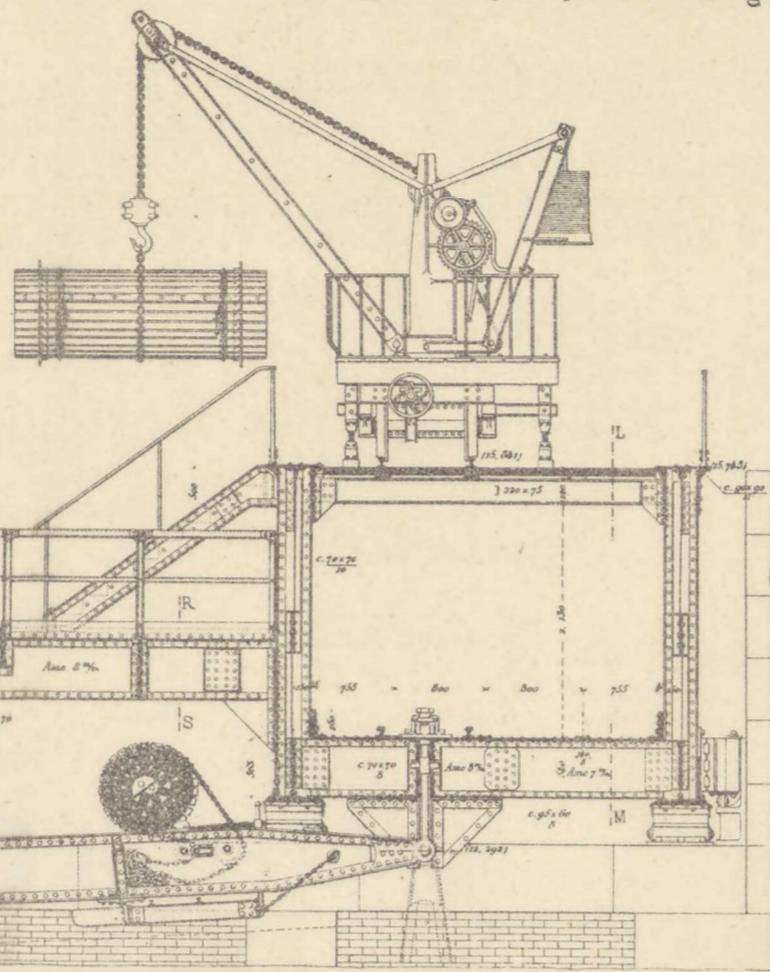
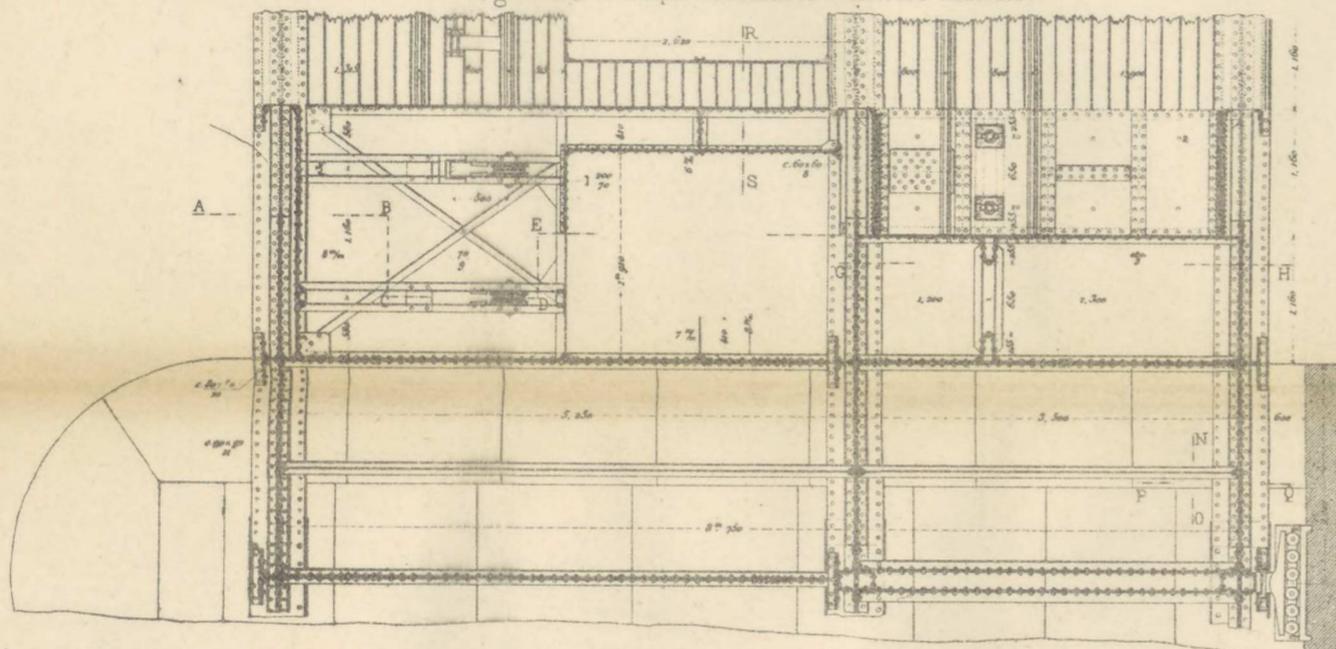


Fig. 3. Plan et coupes horizontales à diverses hauteurs.



Ponts supérieurs des passes profondes navigables.

Fig. 10. Coupe transv^{le} suiv^t 11.22.33.44. (Fig. 11)

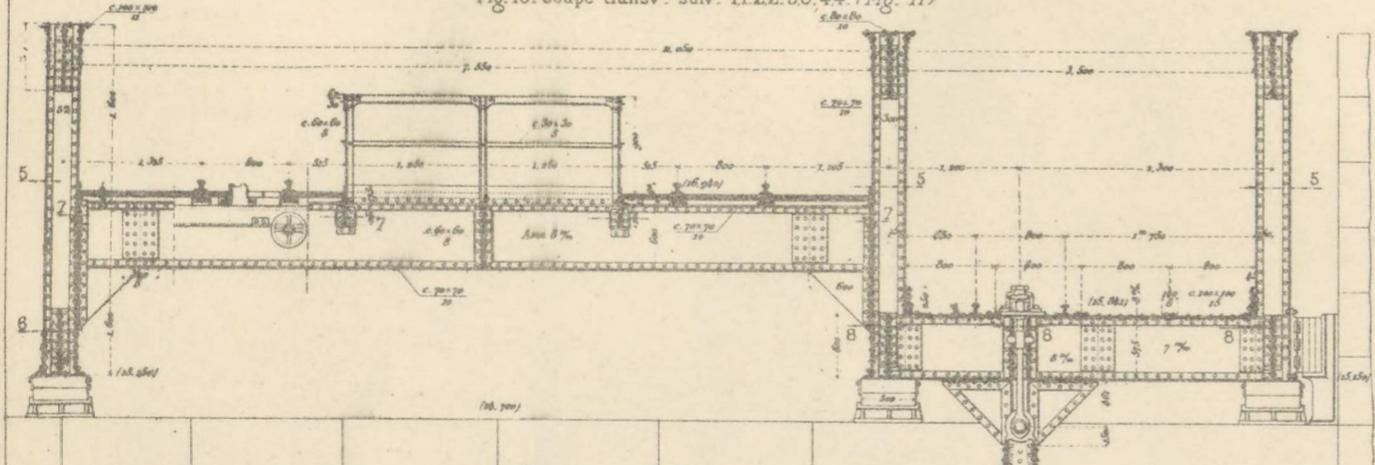


Fig. 11. Plan et coupes horiz^{les} suivant 555 et 6.777.888. (Fig. 10)

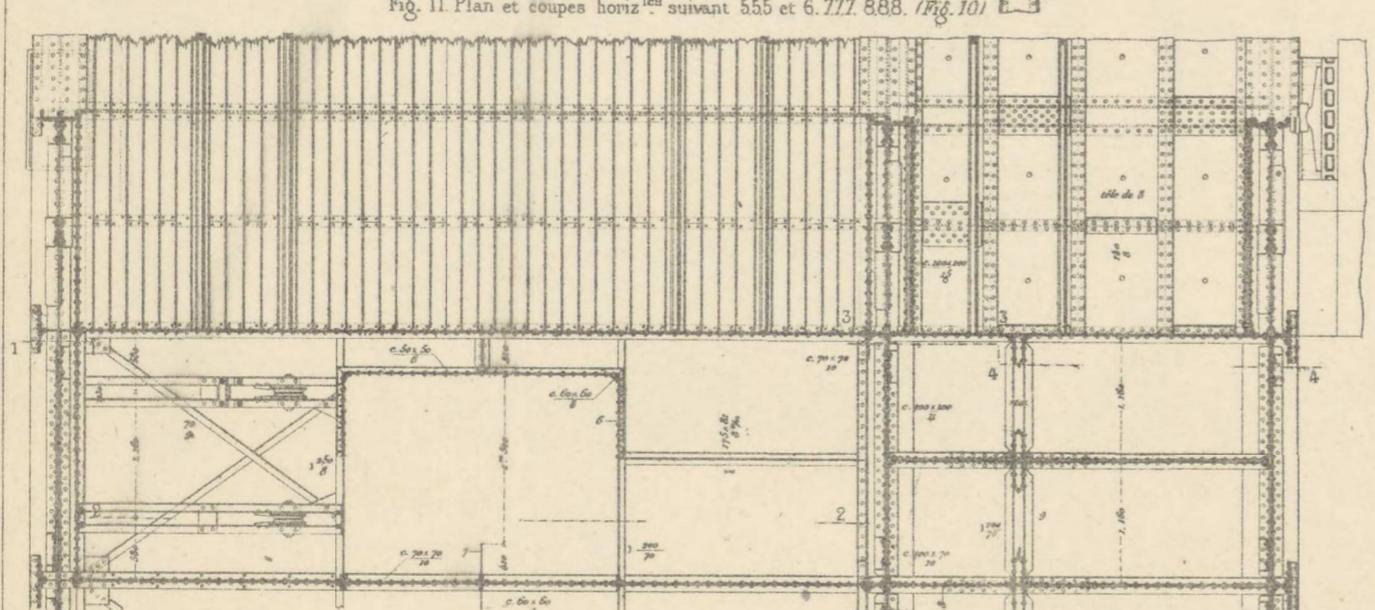


Fig. 2. Coupe longitudinale suivant IK (Fig. 1).

Elévation d'amont de la poutre intermédiaire.

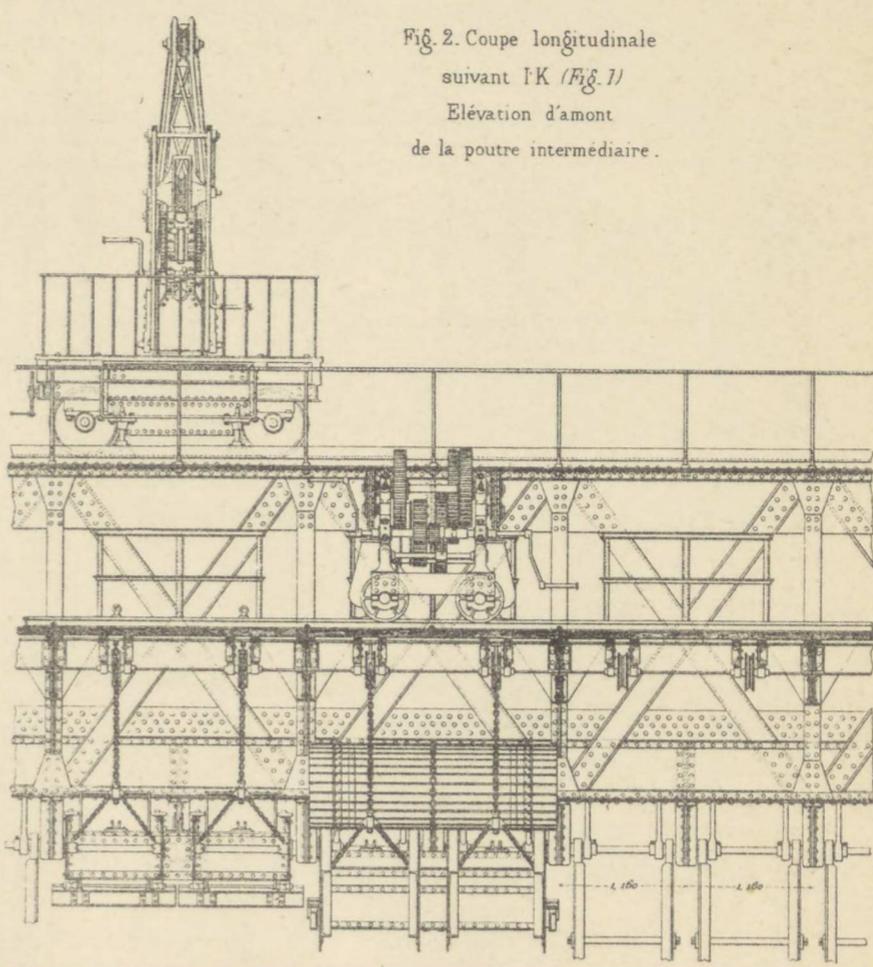


Fig. 4. Coupe IK (Fig. 1).

Face intérieure de la poutre d'amont.

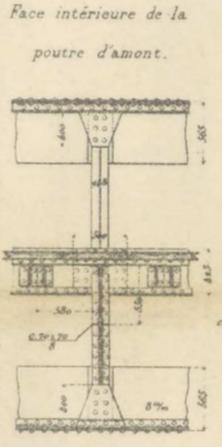


Fig. 5. Coupe LM (Fig. 1).

Poutrelles intermédiaires.

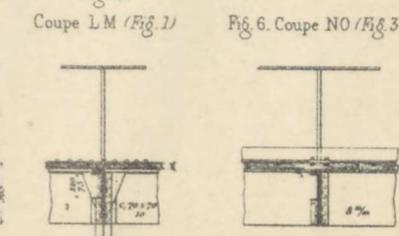


Fig. 6. Coupe NO (Fig. 3).

Fig. 7. Coupe PQ (Fig. 3).

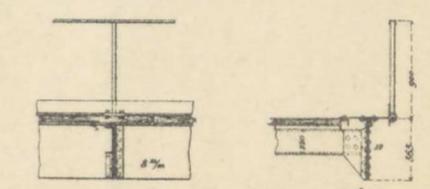


Fig. 8. Coupe d'une passerelle suivant RS (Fig. 1 et 3).

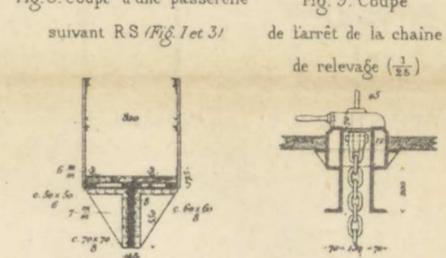
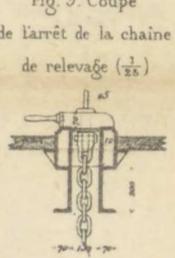


Fig. 9. Coupe de l'arrêt de la chaîne de relevage (Fig. 3).



Ponts supérieurs des passes profondes navigables.

Poutre intermédiaire (vue d'amont)

Fig. 12. Panneaux et montant sur la pile.

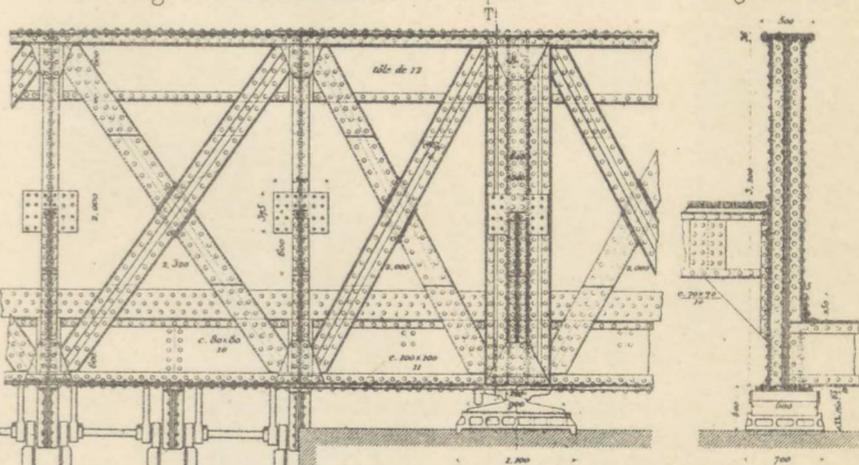


Fig. 13. Coupe TU.

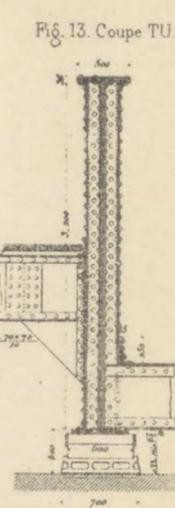


Fig. 14. Extrémité de la poutre sur la culée.

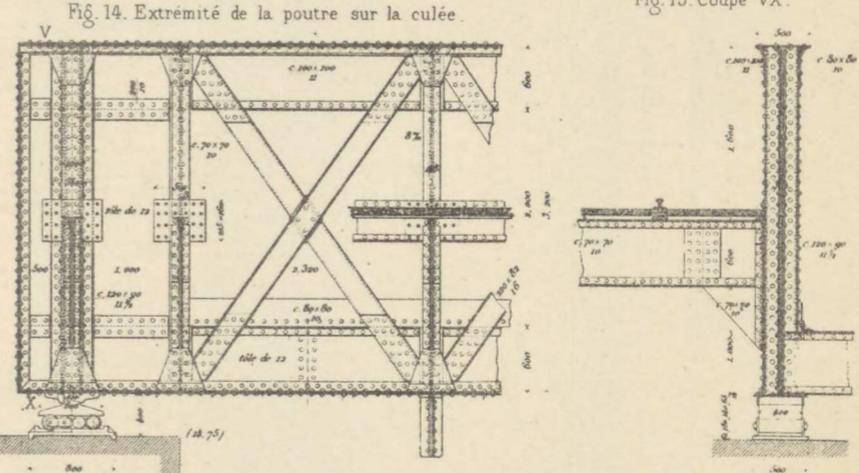
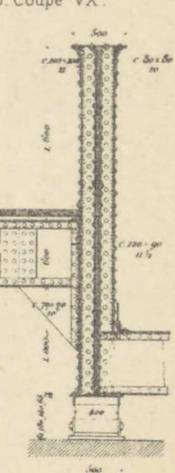
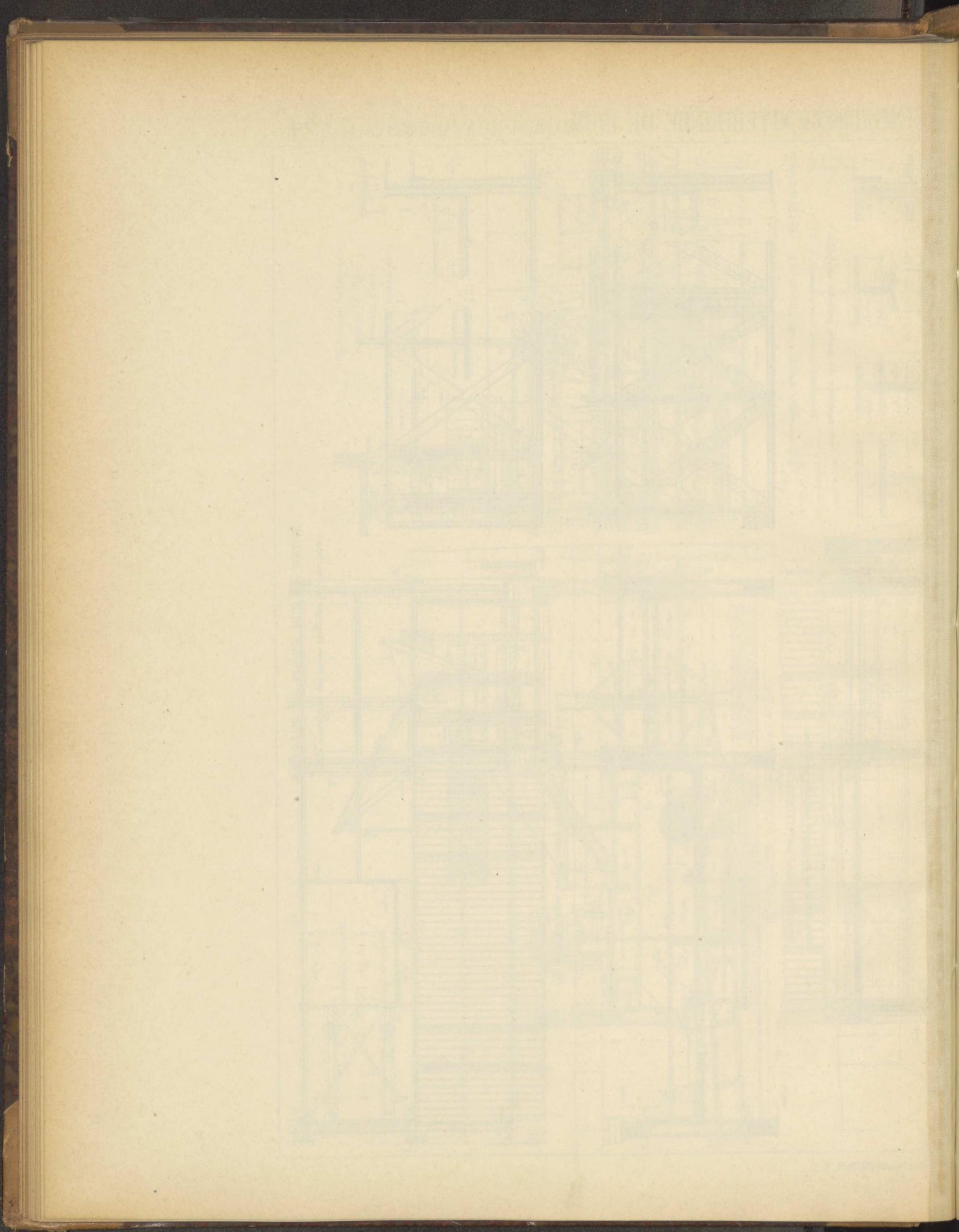
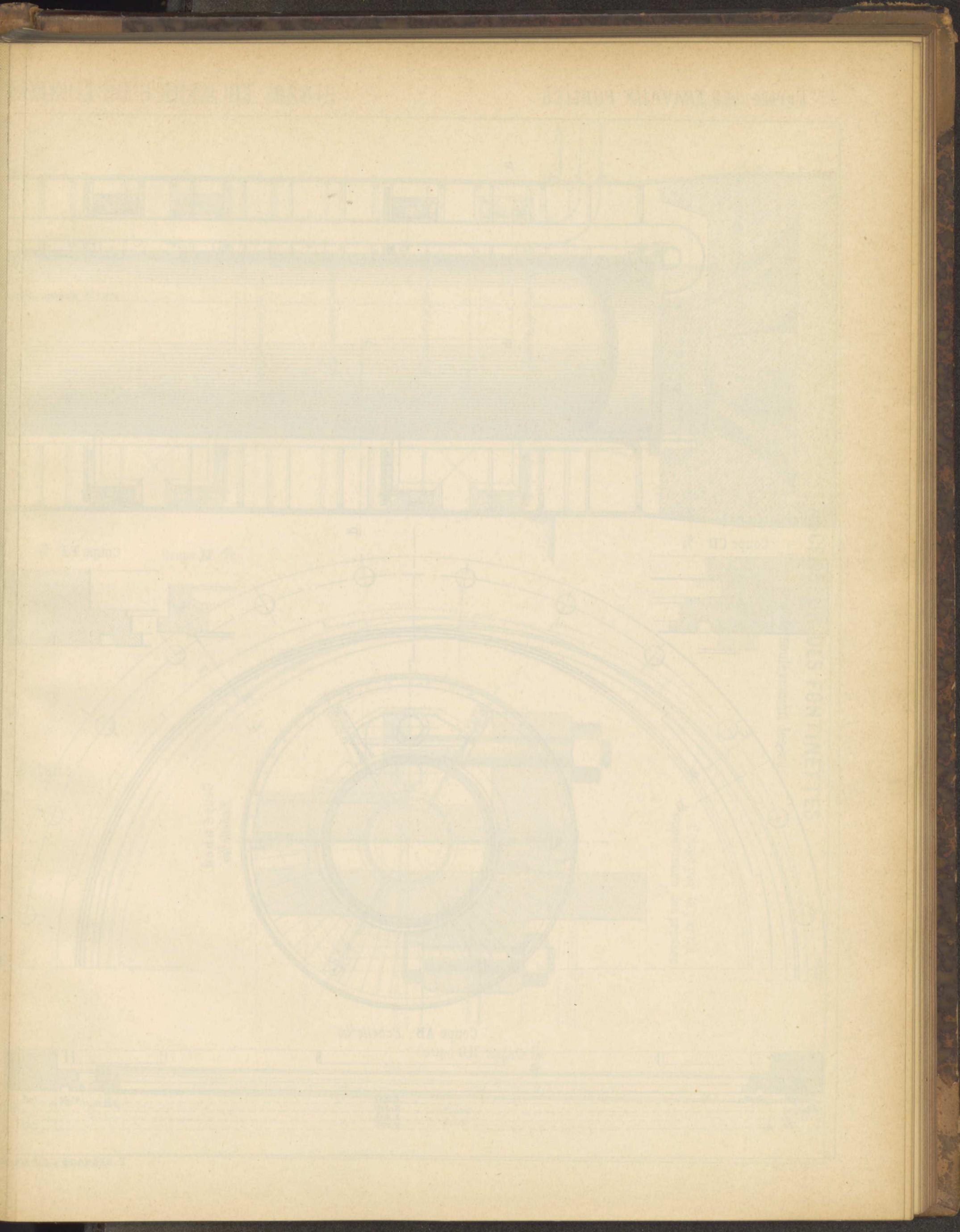


Fig. 15. Coupe VX.

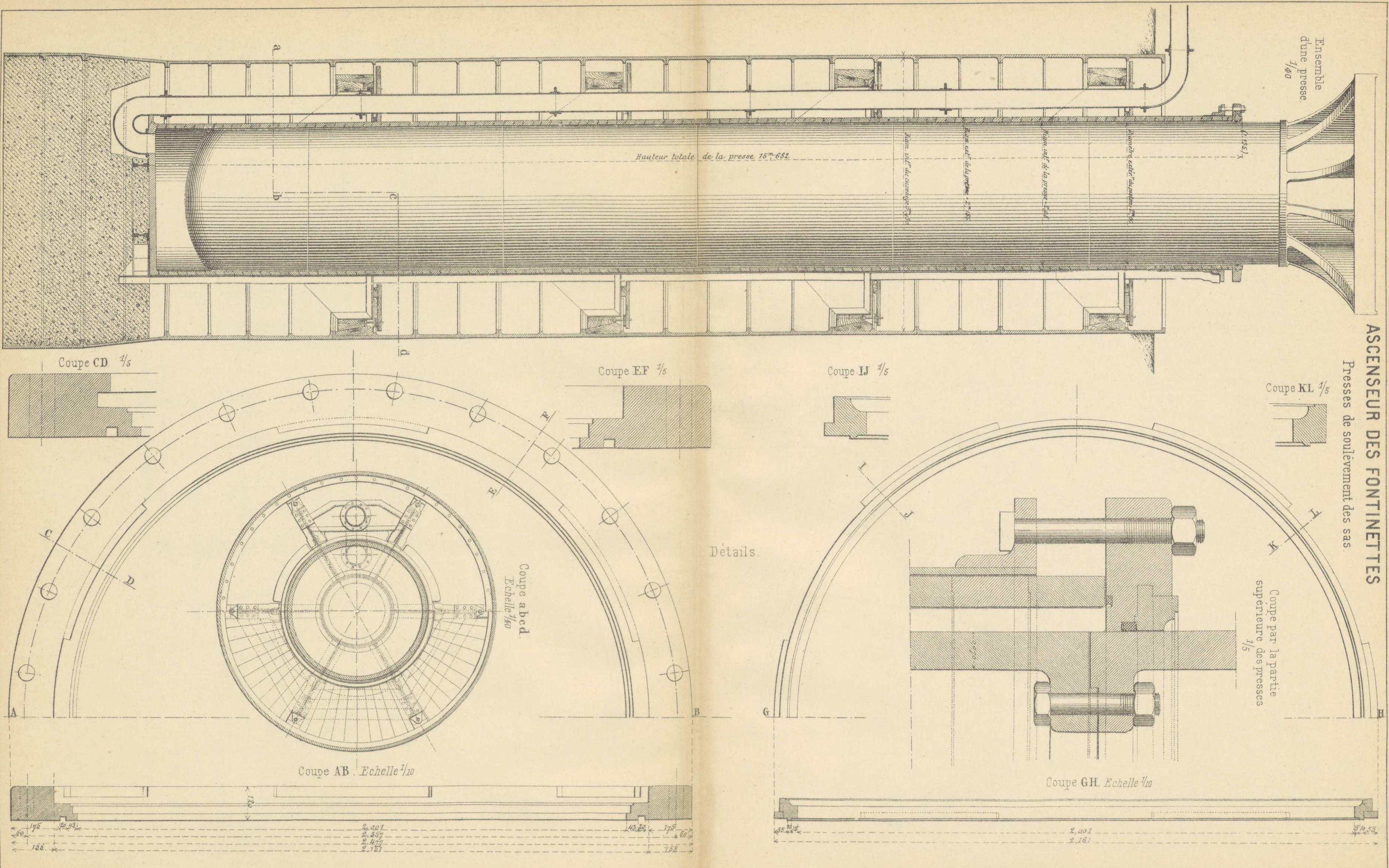




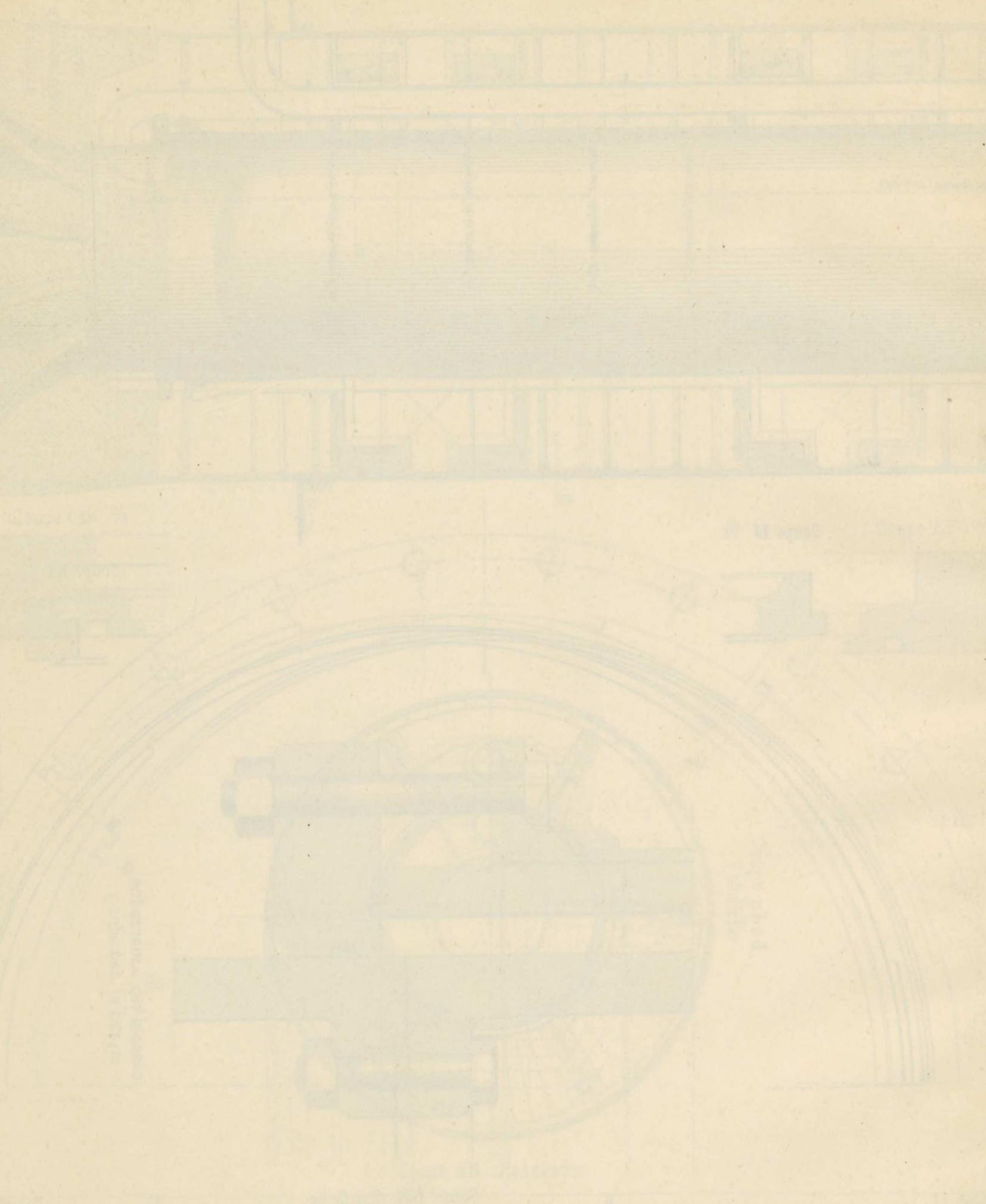


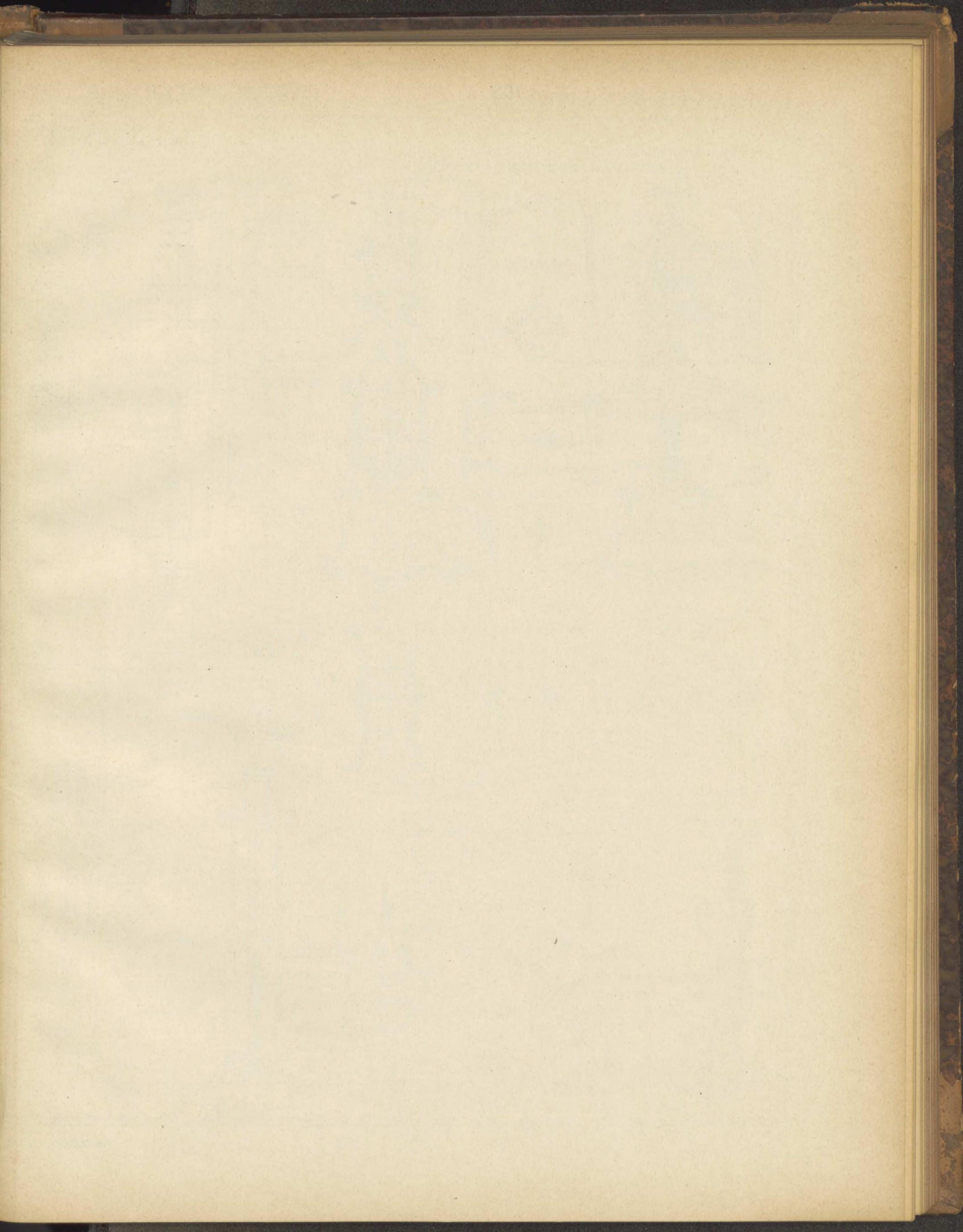
ASCENSEUR DES FONTINETTES

Presses de soulèvement des sas.



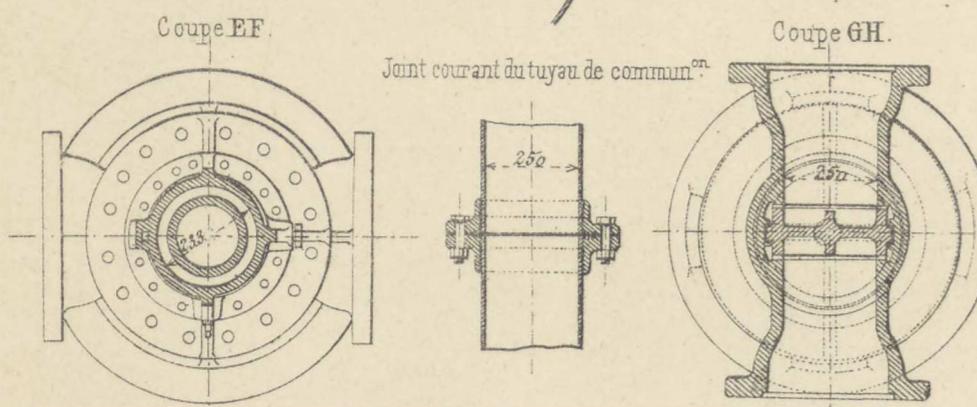
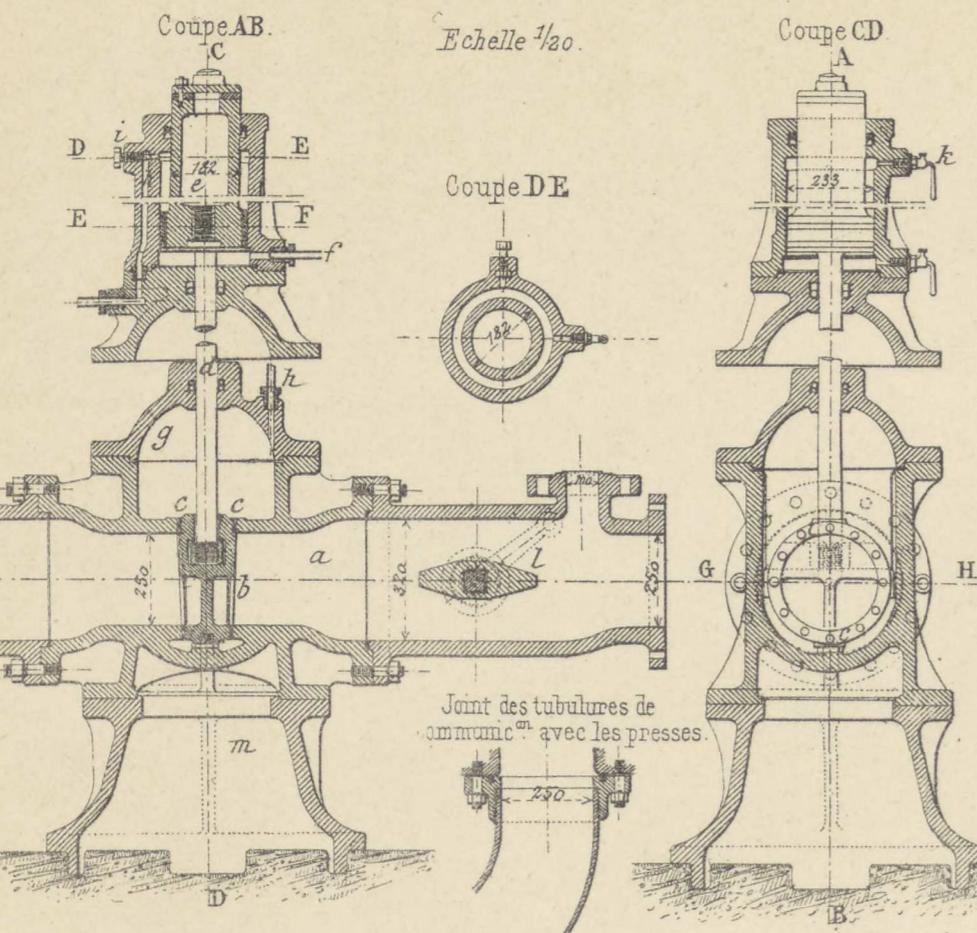
THE
COLLECTOR



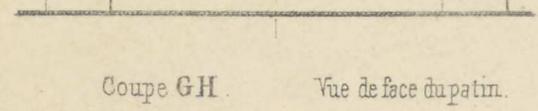
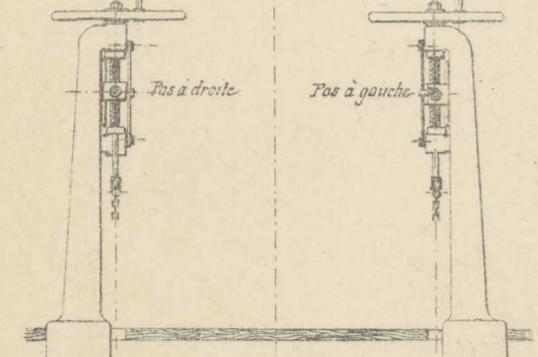


ASCENSEUR DES FONTINETTES

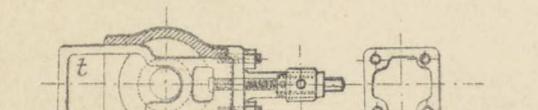
Vanne de communication et boîte à valve.



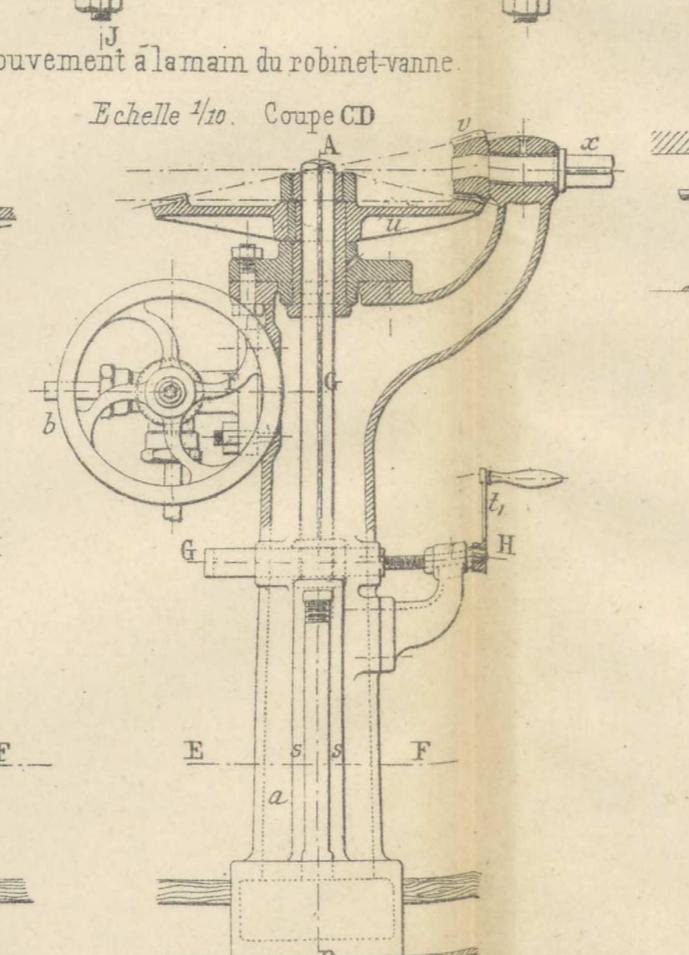
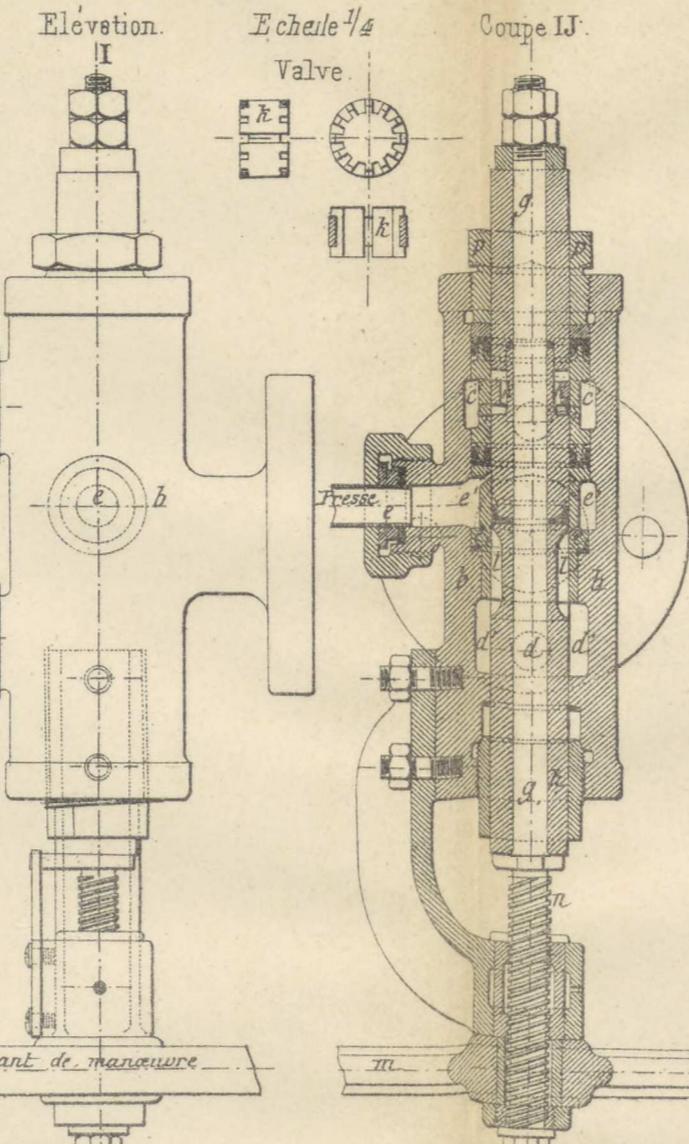
Mouvement des distributeurs de grandes presses dans la chambre de manœuvre.



Vue de face du patin.



Distributeur du robinet-vanne.



E. BERNARD & Cie Libraires-Éditeurs, PARIS.

Guides des sas mobiles (amont)

Sabot de guidage

Coupé CD.

Echelle 1/20.

Guides des sas.

extérieurs (20,35)

intérieurs (20,35)

Ech 1/100.

Guides des sas mobiles (aval)

extérieurs (20,35)

intérieurs (20,35)

Ech 1/100.

Guides des sas.

extérieurs (20,35)

intérieurs (20,35)

Ech 1/100.

Guides des sas.

extérieurs (20,35)

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Guides des sas.

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Guides des sas.

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Ech 1/100.

Guides des sas.

extérieurs (20,35)

intérieurs (20,35)

Ech 1/100.

Guides des sas.

extérieurs (20,35)

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Guides des sas.

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Guides des sas.

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Guides des sas.

extérieurs (20,35)

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Ech 1/100.

Guides des sas.

extérieurs (20,35)

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Ech 1/100.

Guides des sas.

extérieurs (20,35)

intérieurs (20,35)

Ech 1/100.

Guides des sas.

extérieurs (20,35)

intérieurs (20,35)

Ech 1/100.

Guides des sas.

extérieurs (20,35)

intérieurs (20,35)

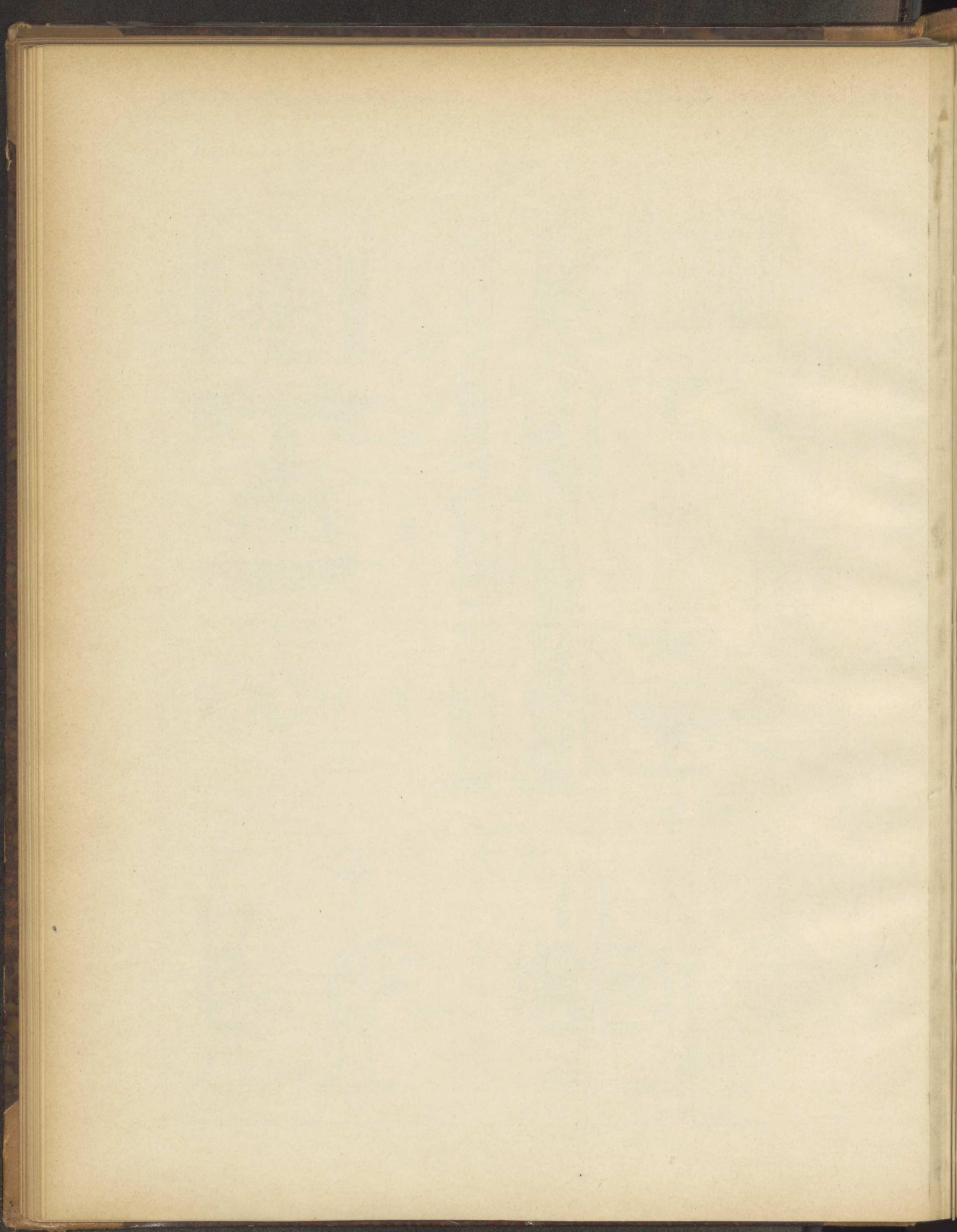
Ech 1/100.

Guides des sas.

extérieurs (20,35)

intérieurs (20,35)

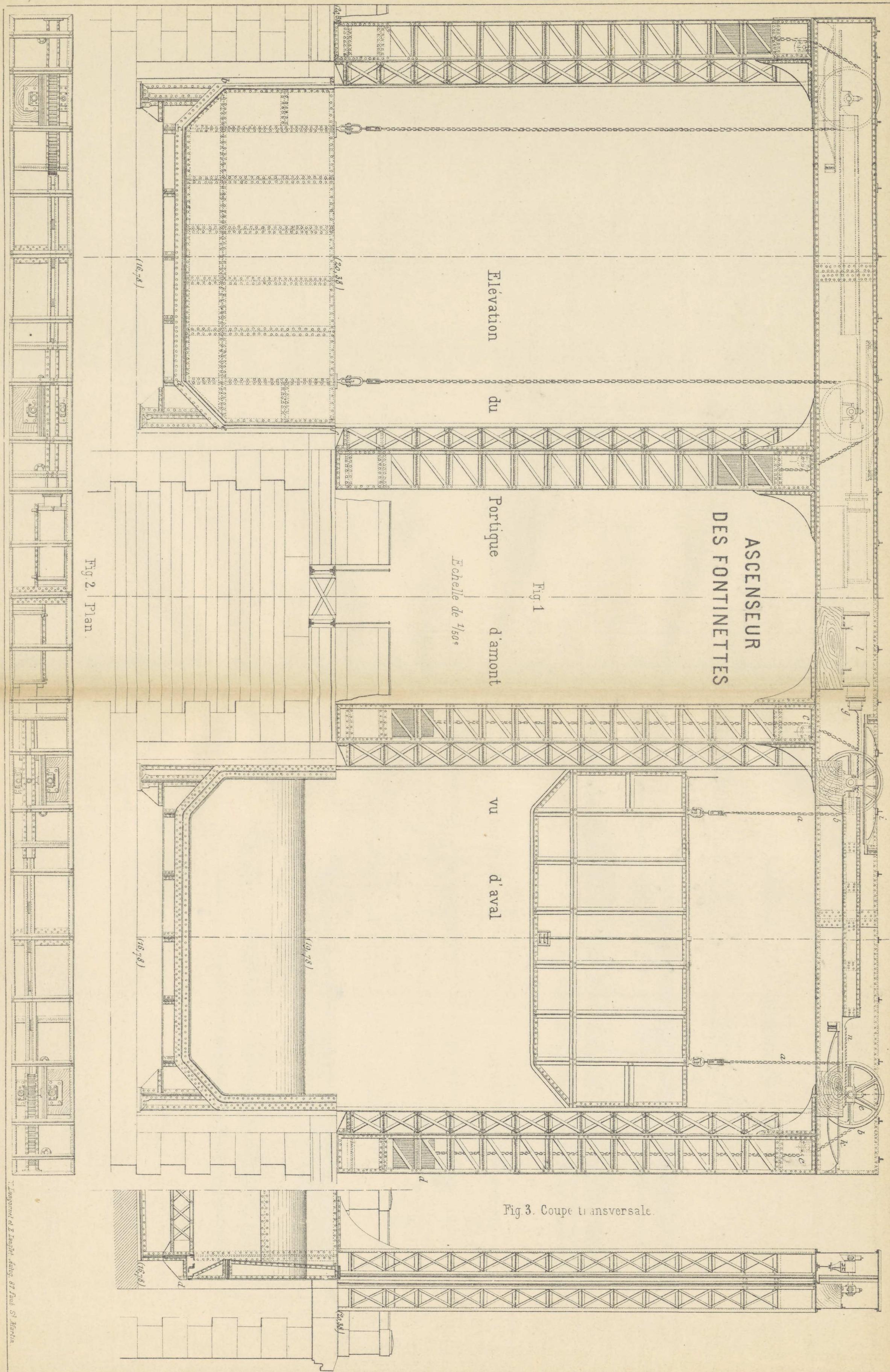
Ech 1/100.



ASCEINERIA
DES BONTINS

of Evolution

Fig. 3. Coupe transversale.



ASCEN
DES RON

Elevation

toys Porteau

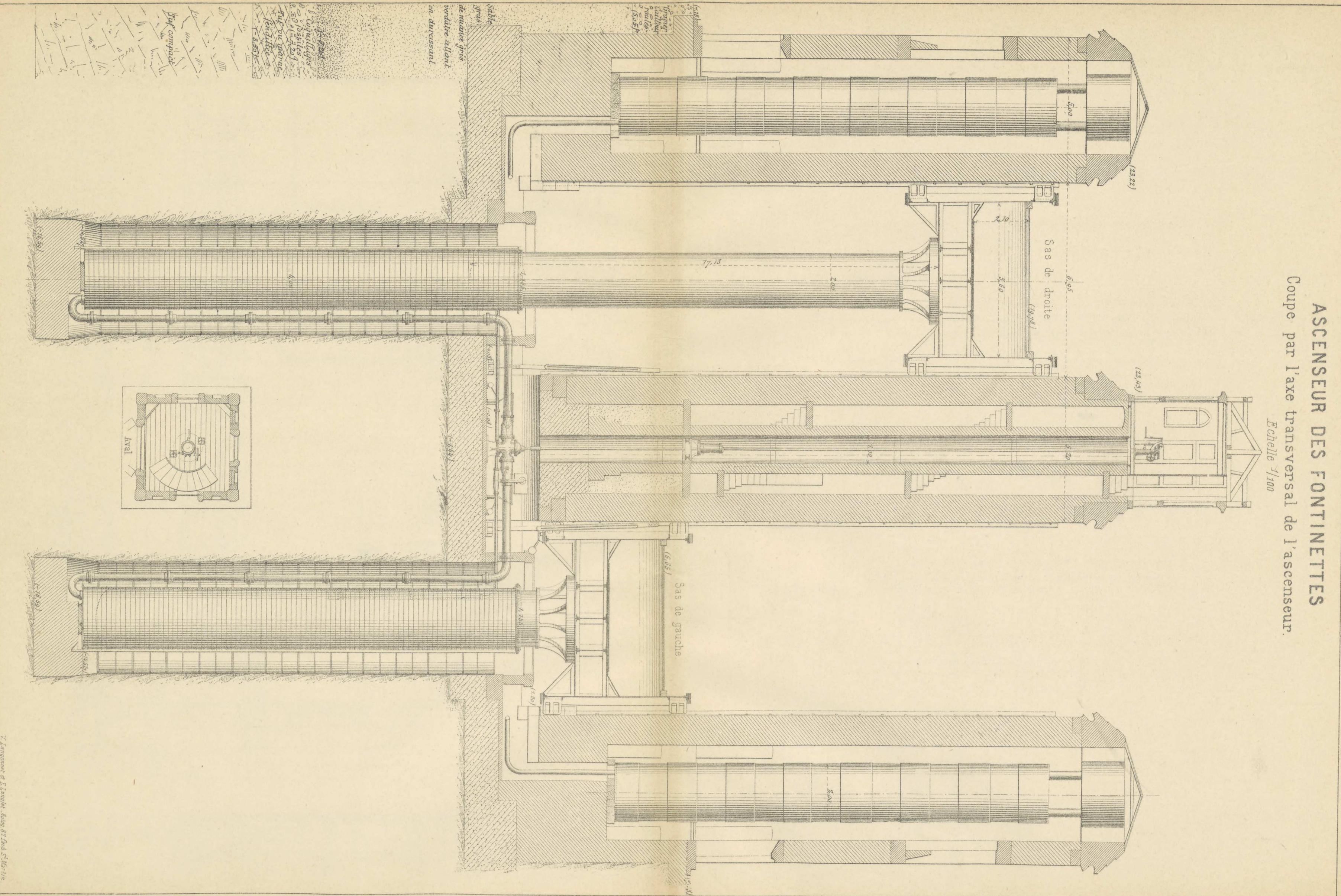
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UNIVERSITY OF TORONTO LIBRARIES

18

ASCENSEUR DES FONTINETTES

Coupe par l'axe transversal de l'ascenseur.

Echelle 1/100



VOCABULAIRE DE L'ESPAGNOLE

PAR J. B. DUCHESNE

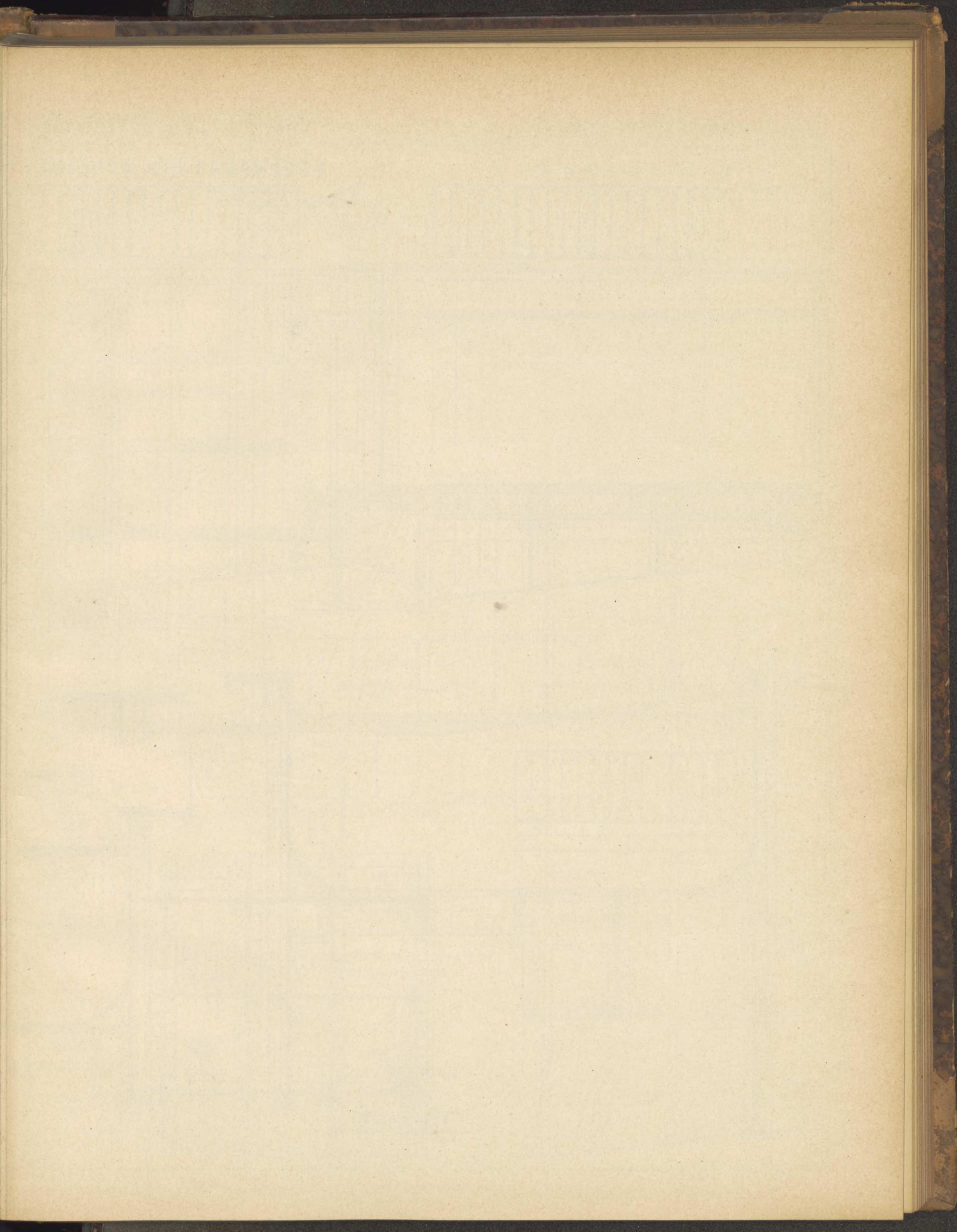
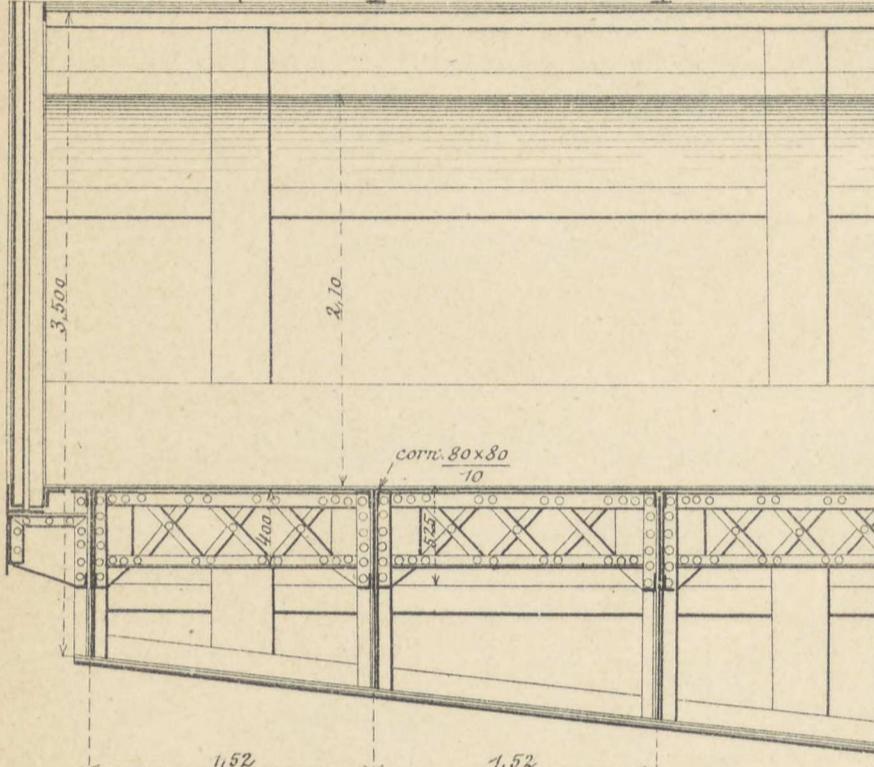
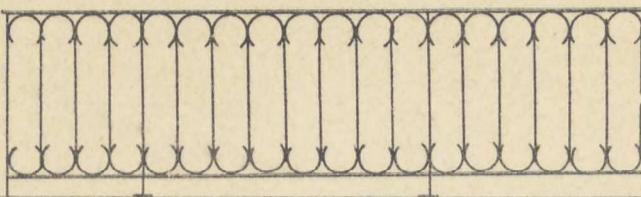


Fig.3. Coupe longitudinale du bout des sas.



Coupes transversales des sas.

Fig.4. 1/2 coupe à l'endroit des poutrelles sur la presse

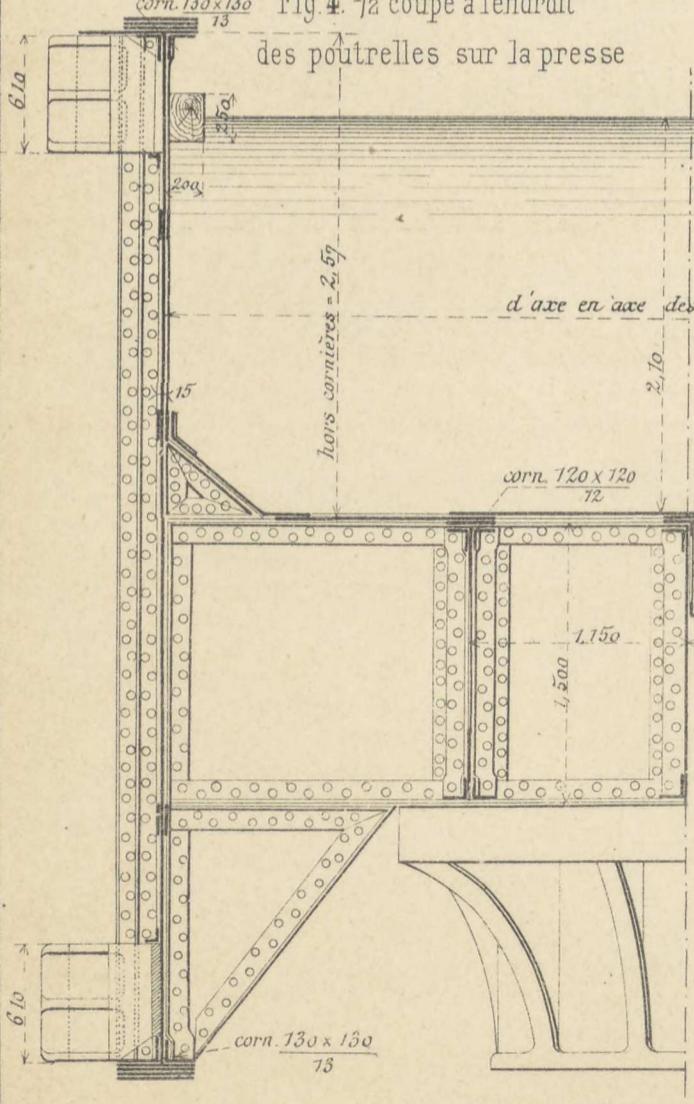


Fig.5. 1/2 coupe à l'endroit des poutrelles courantes

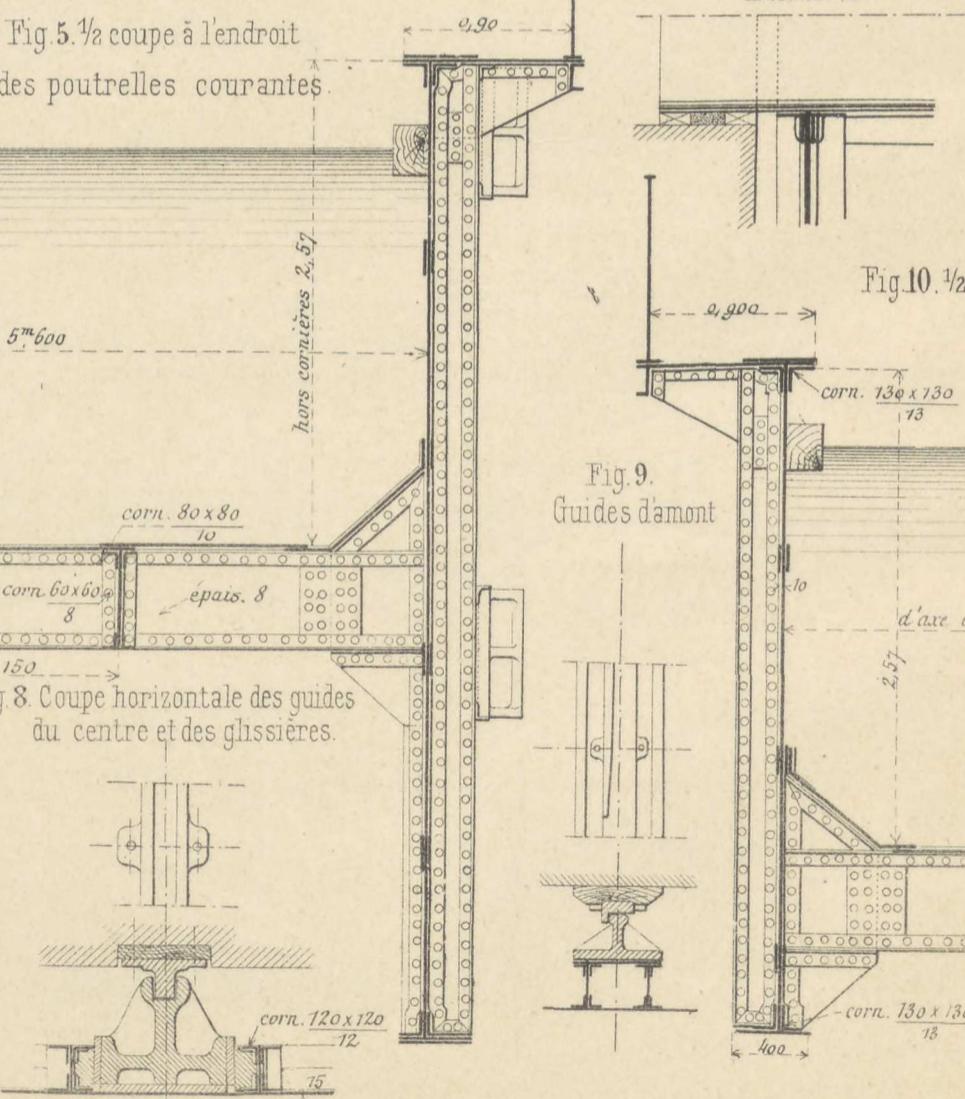
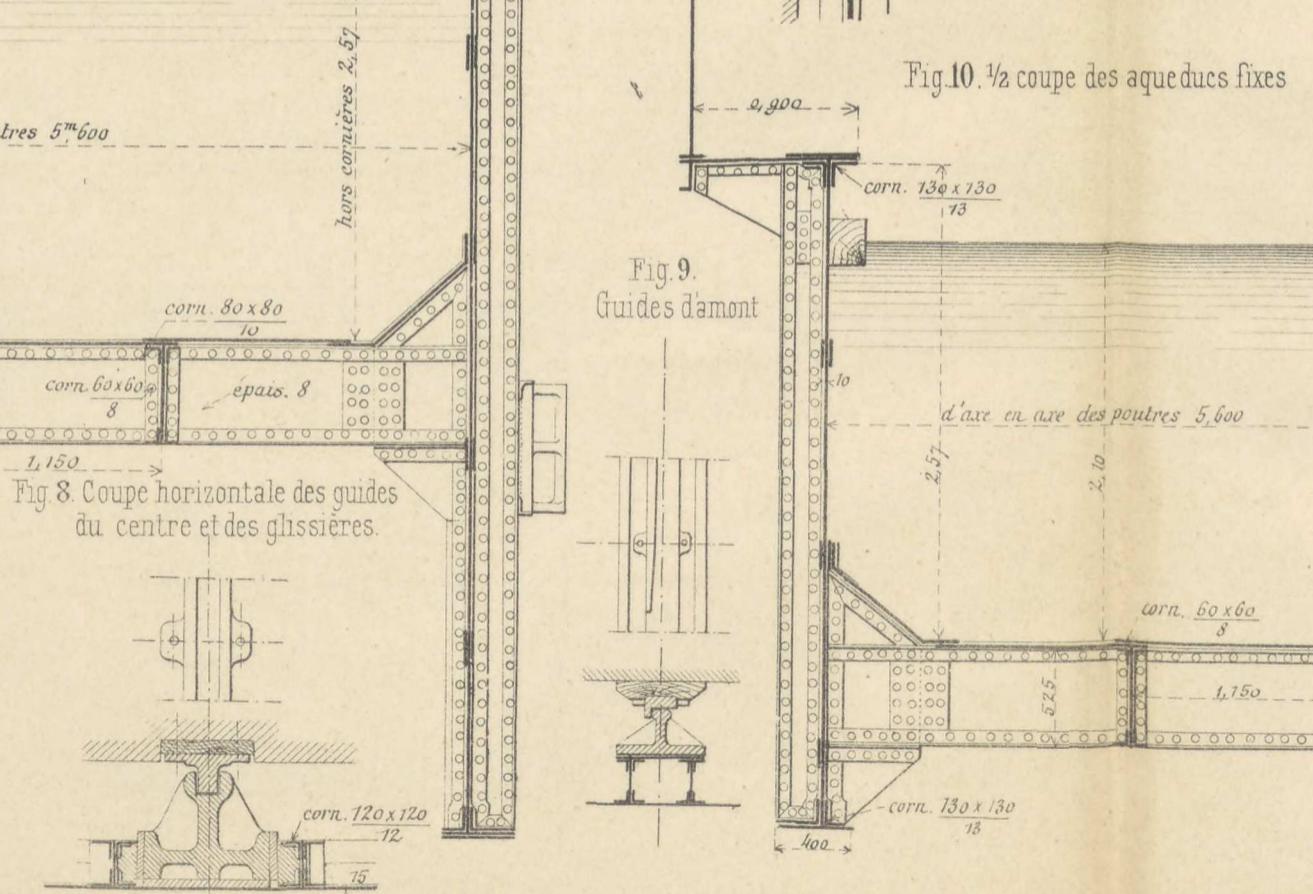


Fig.8. Coupe horizontale des guides du centre et des glissières.



ASCENSEUR DES FONTINETTES - Sas et Aqueducs. Echelle 1/40.

Fig.2. Vue de face du bout amont des sas

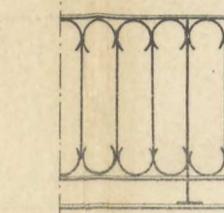
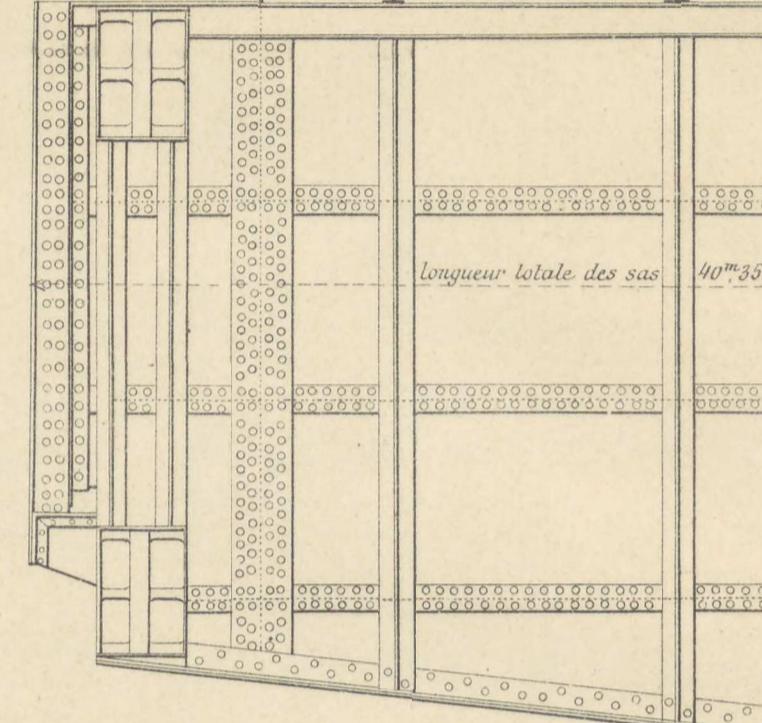
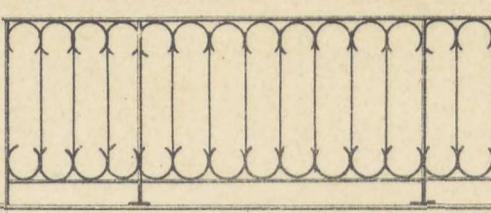


Fig.1. Vue de face et coupe longitudinale des sas.

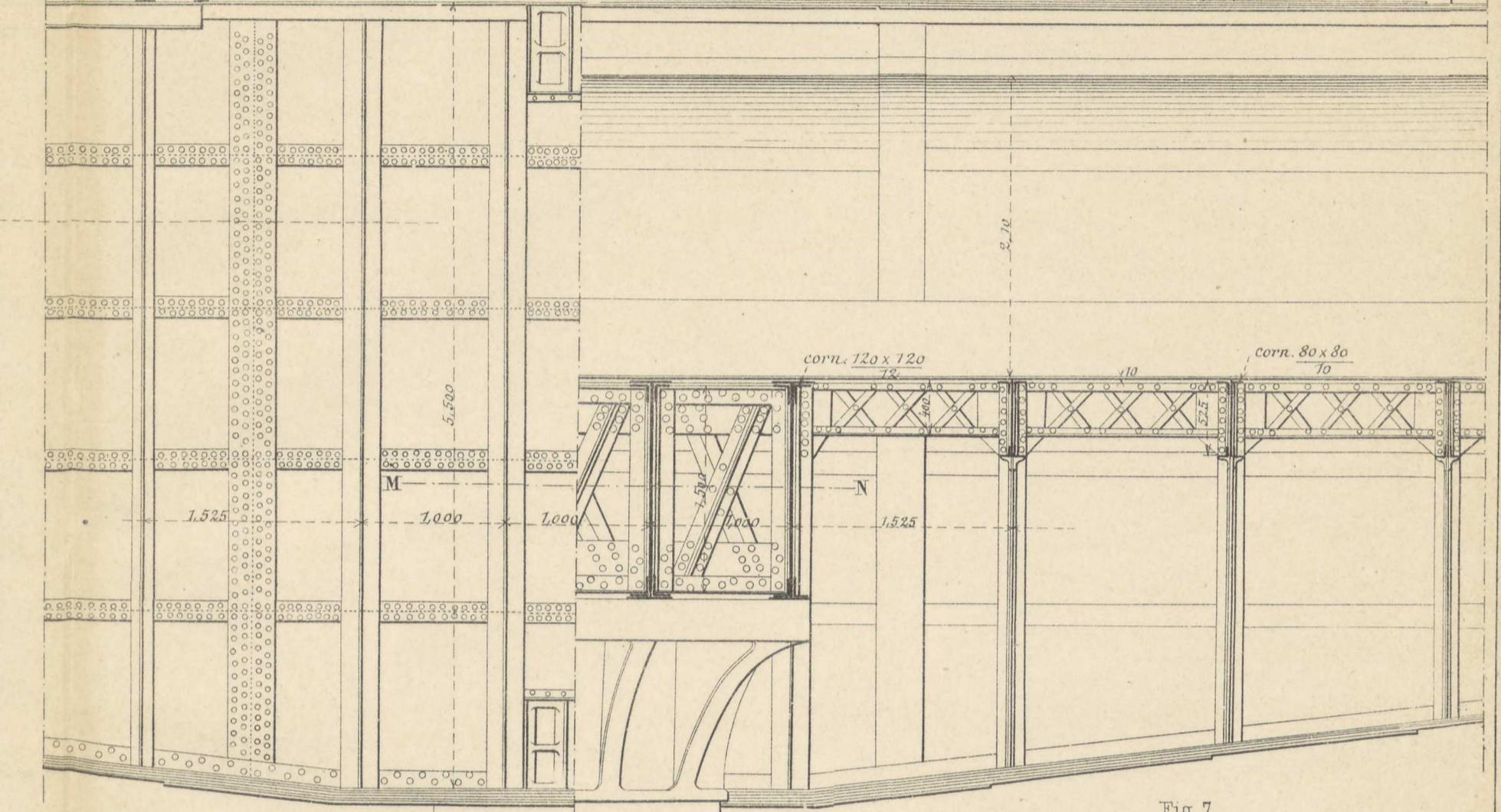
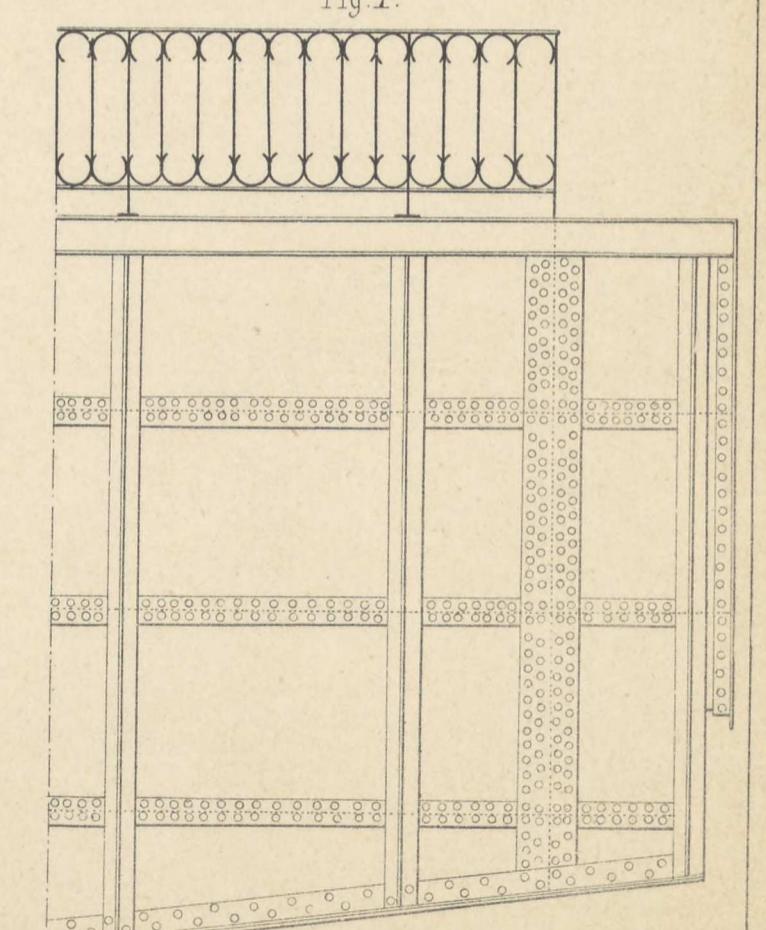
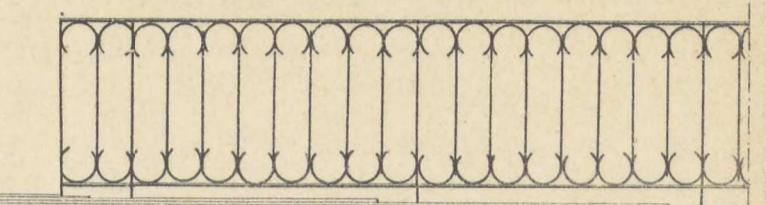
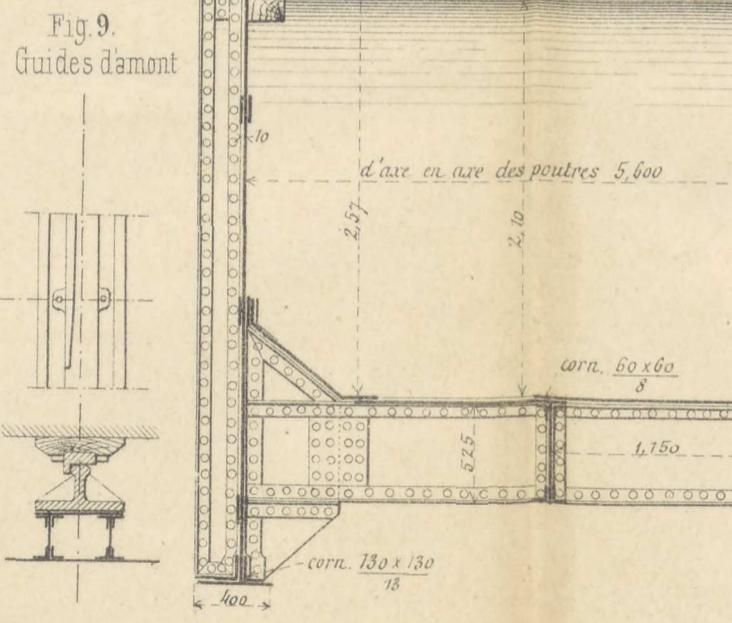
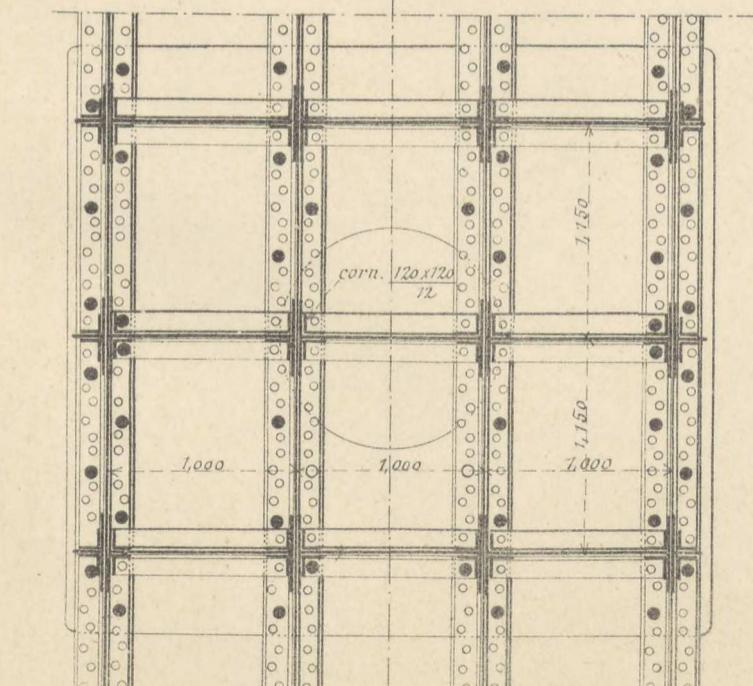
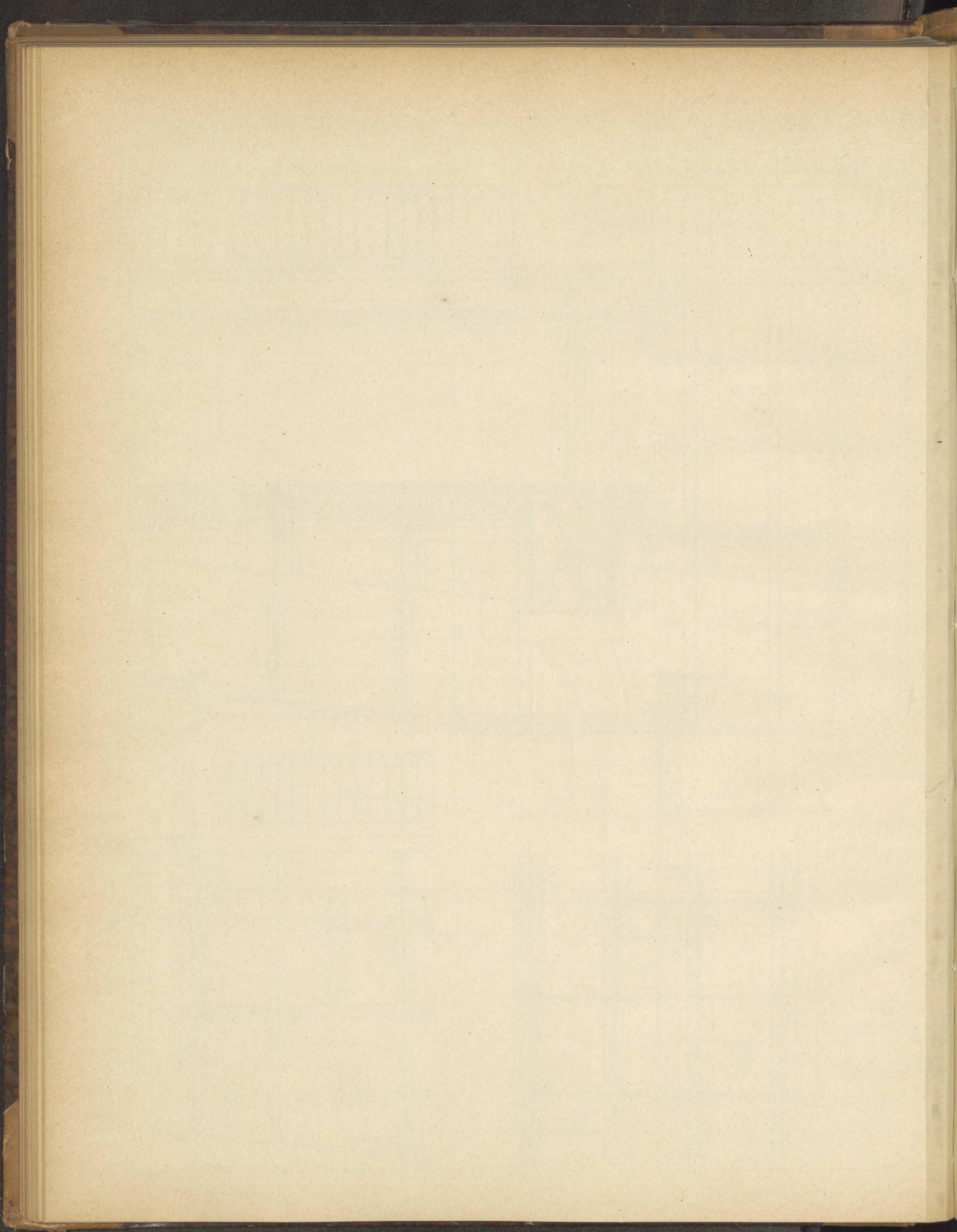


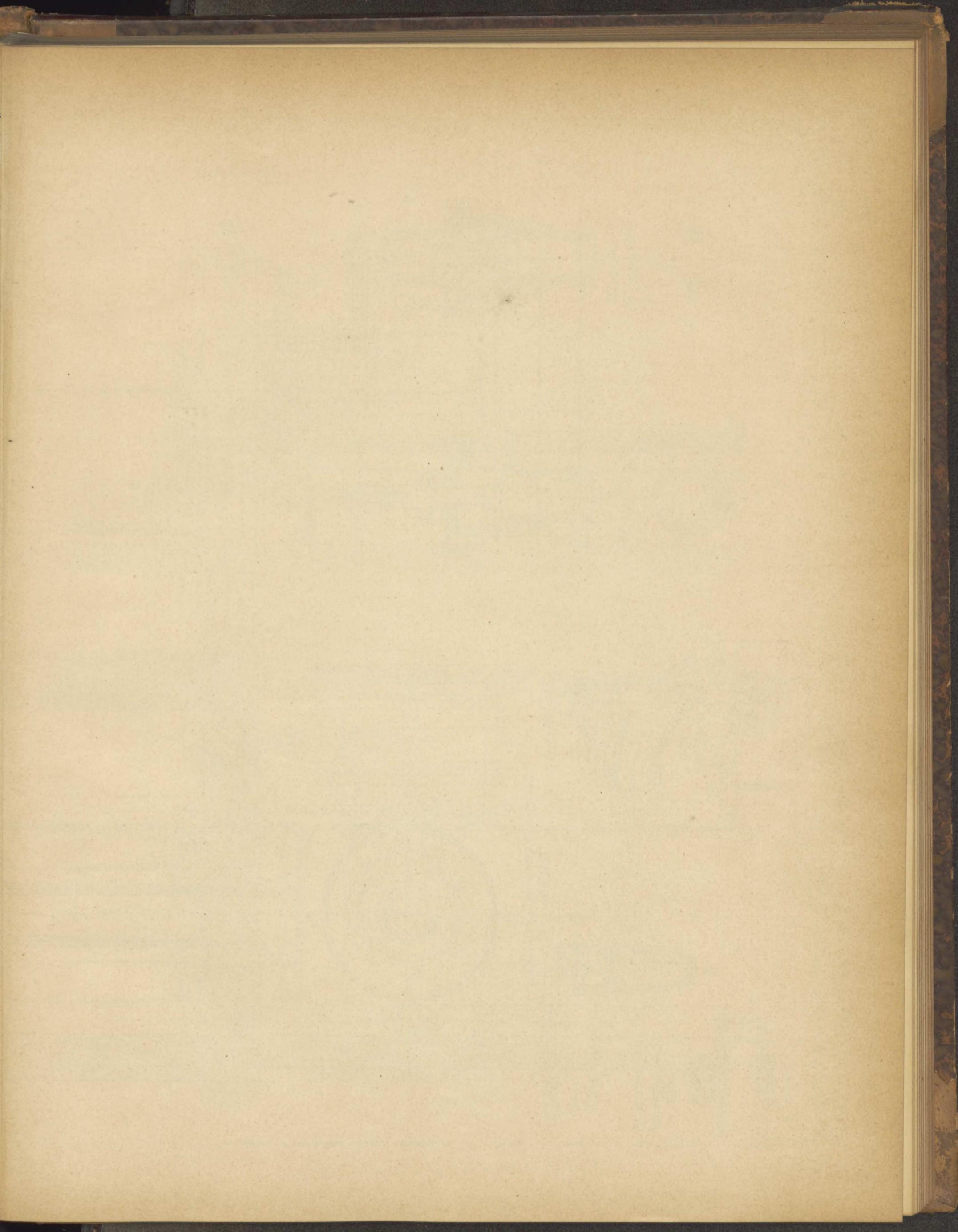
Fig.10. 1/2 coupe des aqueducs fixes



Fig.6. Coupe horizontale des poutrelles sur la presse Coupe par M.N.







ASCENSEUR DES FONTINETTES

Accumulateur d'eau sous pression.

Fig. 2. Coupe IJ

Echelle $\frac{1}{50}$

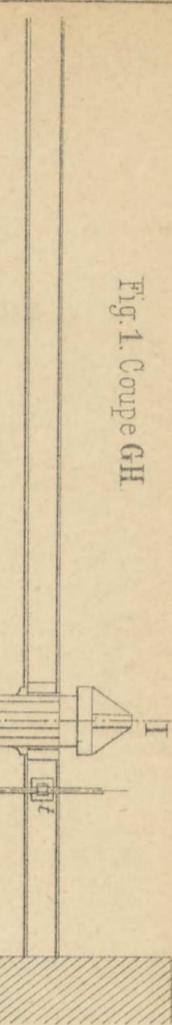


Fig. 1. Coupe GH

Echelle $\frac{1}{50}$

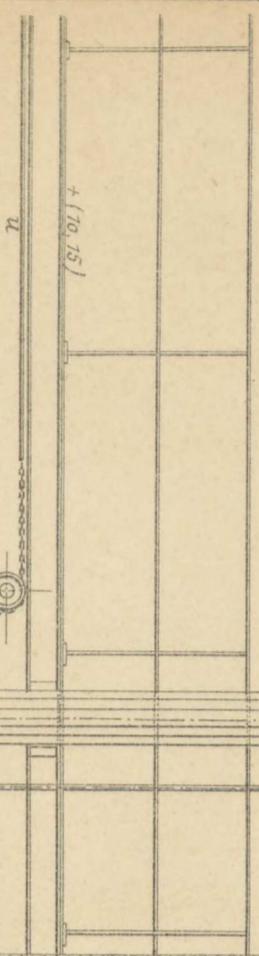


Fig. 3. Vue en plan et demi-coupe.

Echelle $\frac{1}{50}$

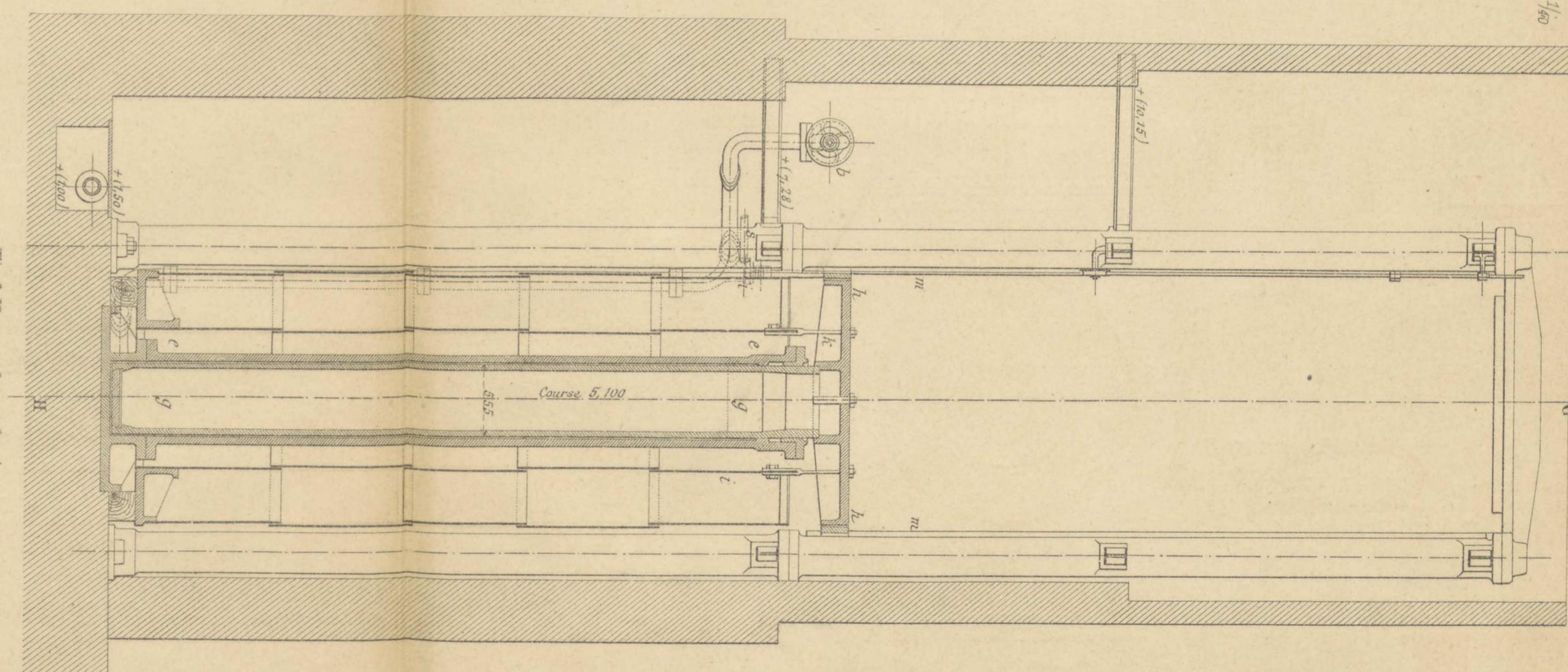
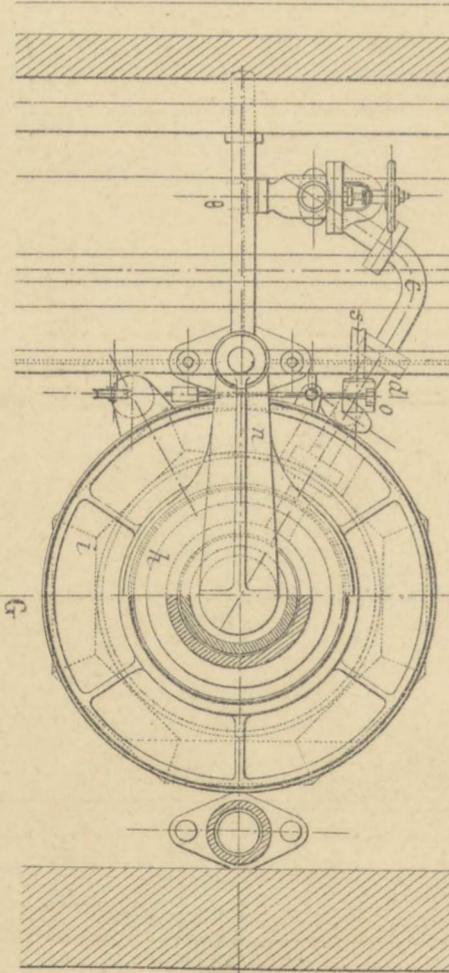


Fig. 7. Coupe AB.

Echelle $\frac{1}{50}$



Souape de sûreté de l'accumulateur.

Echelle $\frac{1}{50}$

Fig. 4. Joint de tuyau

d'eau sous pression.

Echelle $\frac{1}{50}$

Fig. 11. Coupe DE

Echelle $\frac{1}{50}$

Fig. 10. Coupe FF

Echelle $\frac{1}{50}$

Fig. 9. Coupe AB.

Echelle $\frac{1}{50}$

Fig. 8. Coupe BC.

Echelle $\frac{1}{50}$

Robinet de l'accumulateur et des presses.

Echelle $\frac{1}{50}$

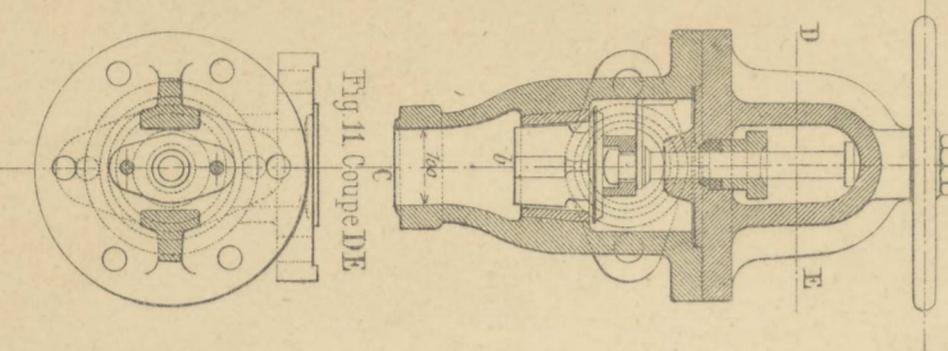
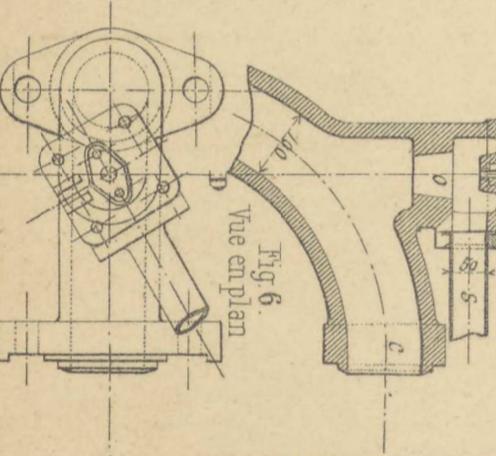
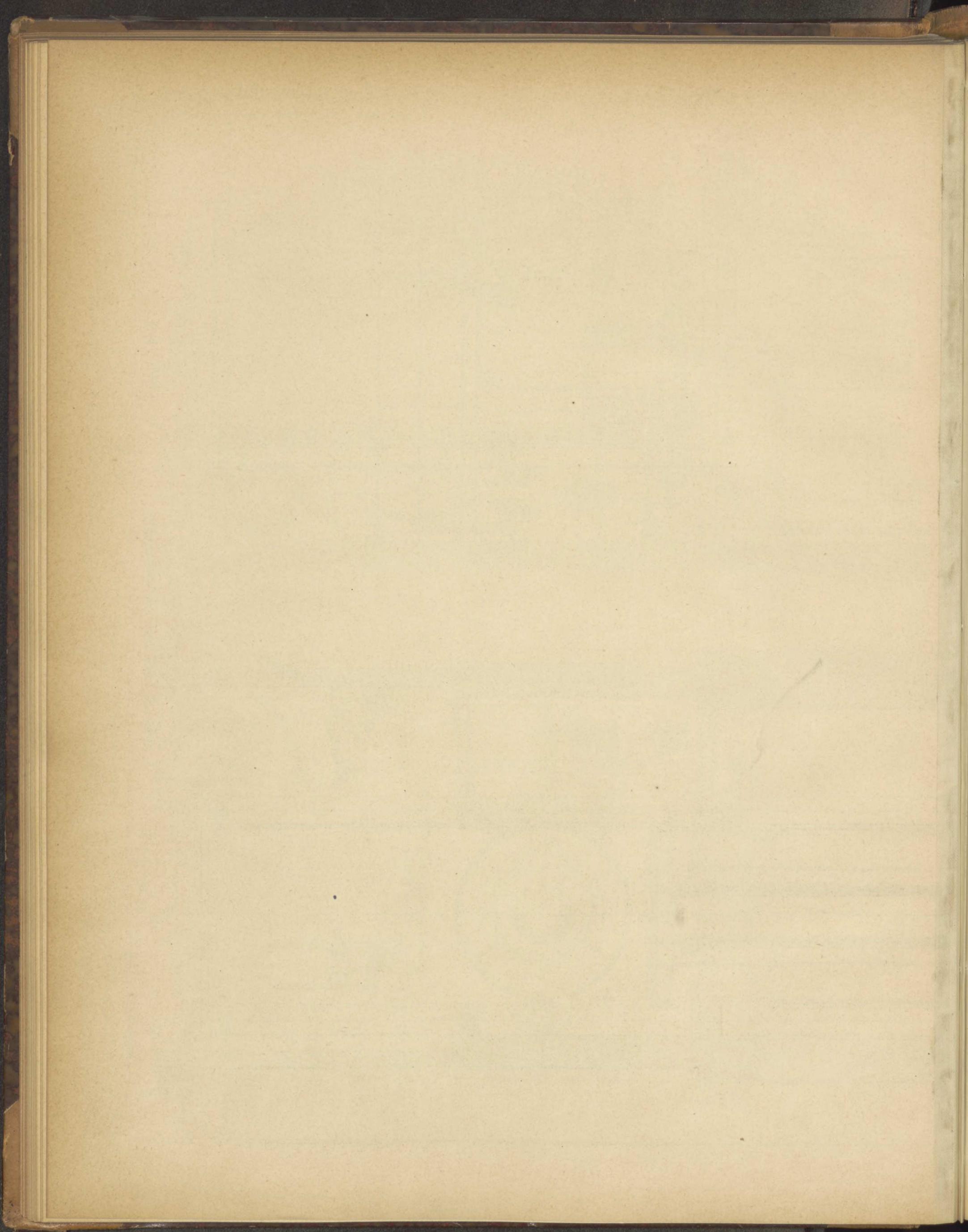


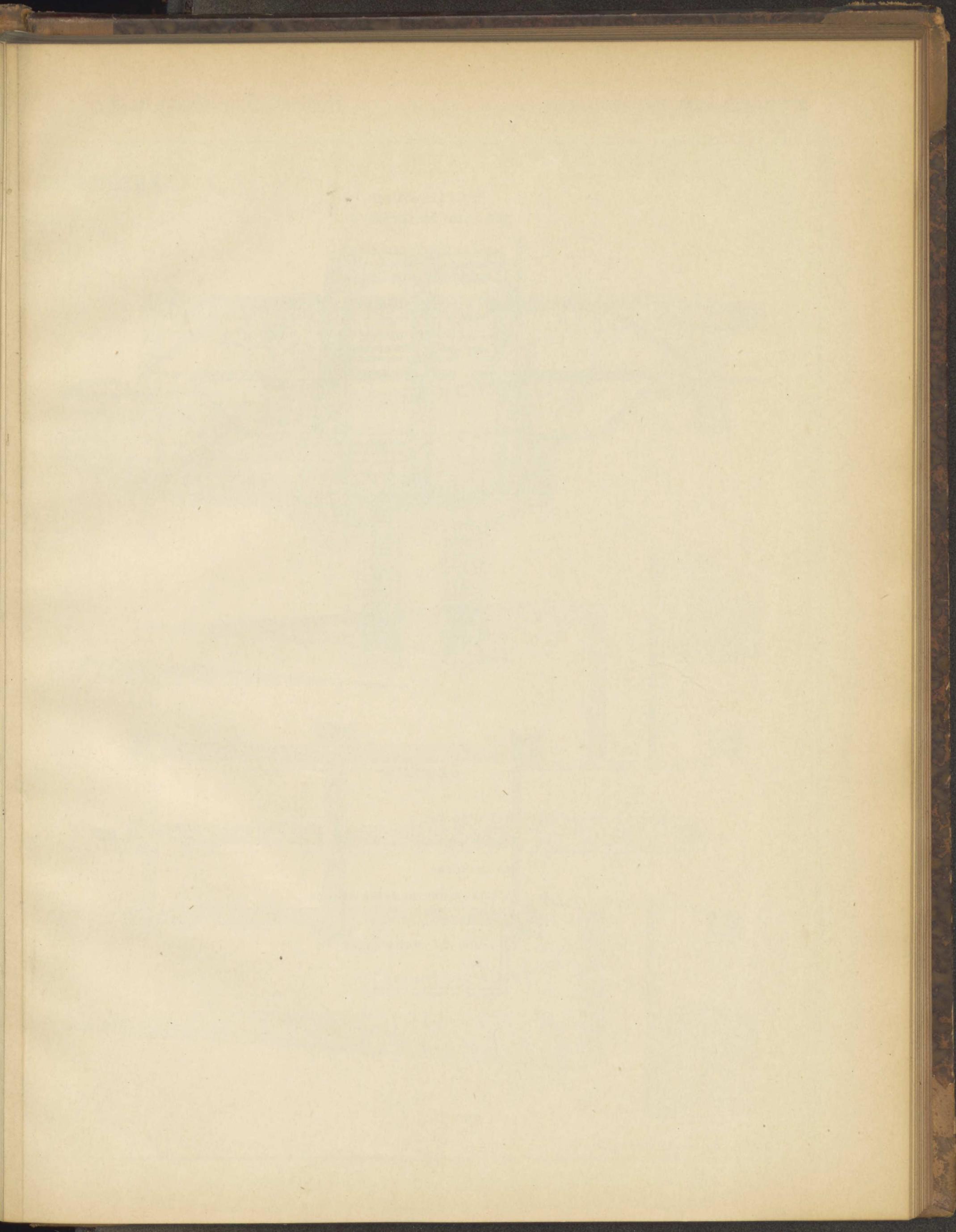
Fig. 11. Coupe DE

Echelle $\frac{1}{50}$

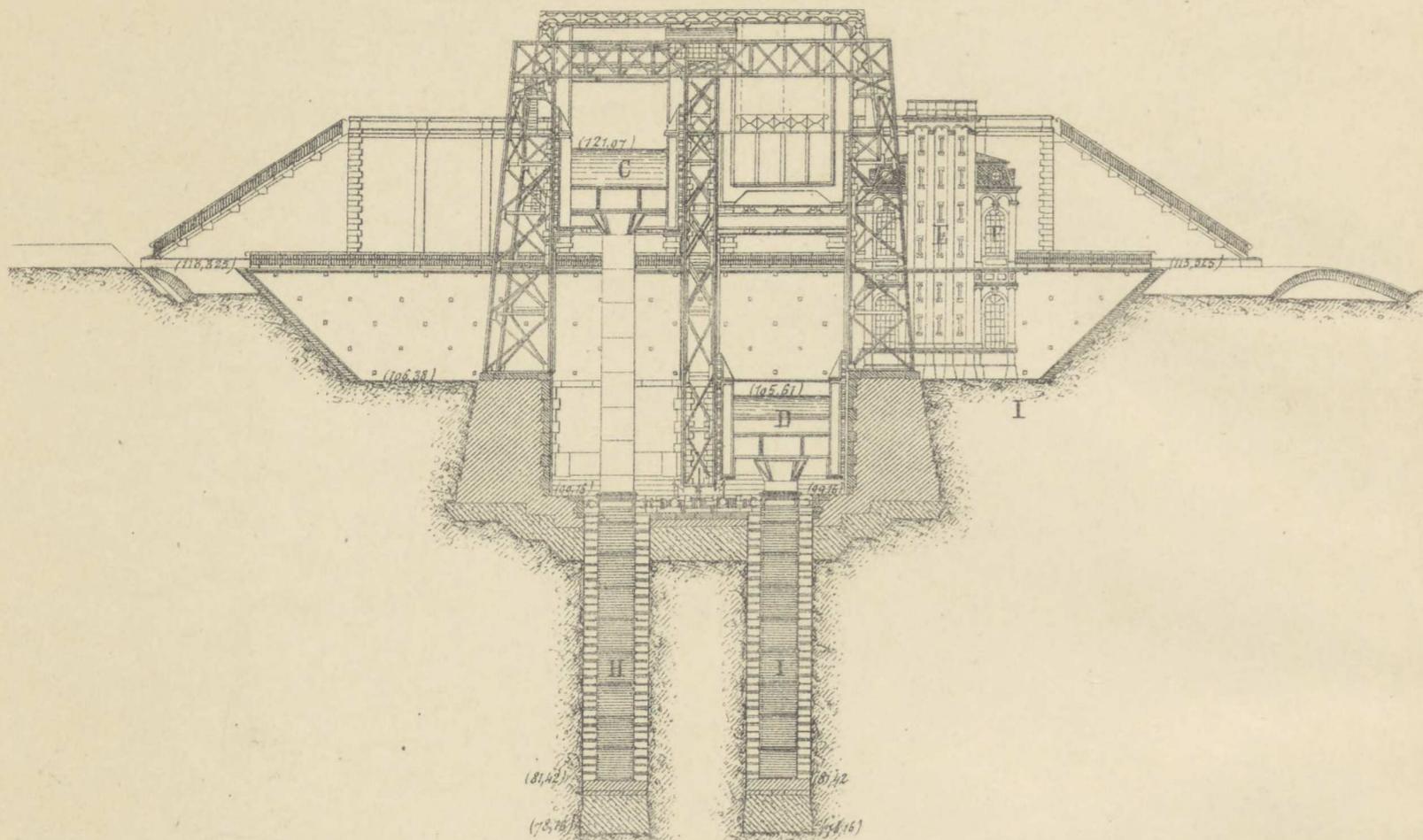


Vue en plan





Coupe transversale
par l'axe des presses



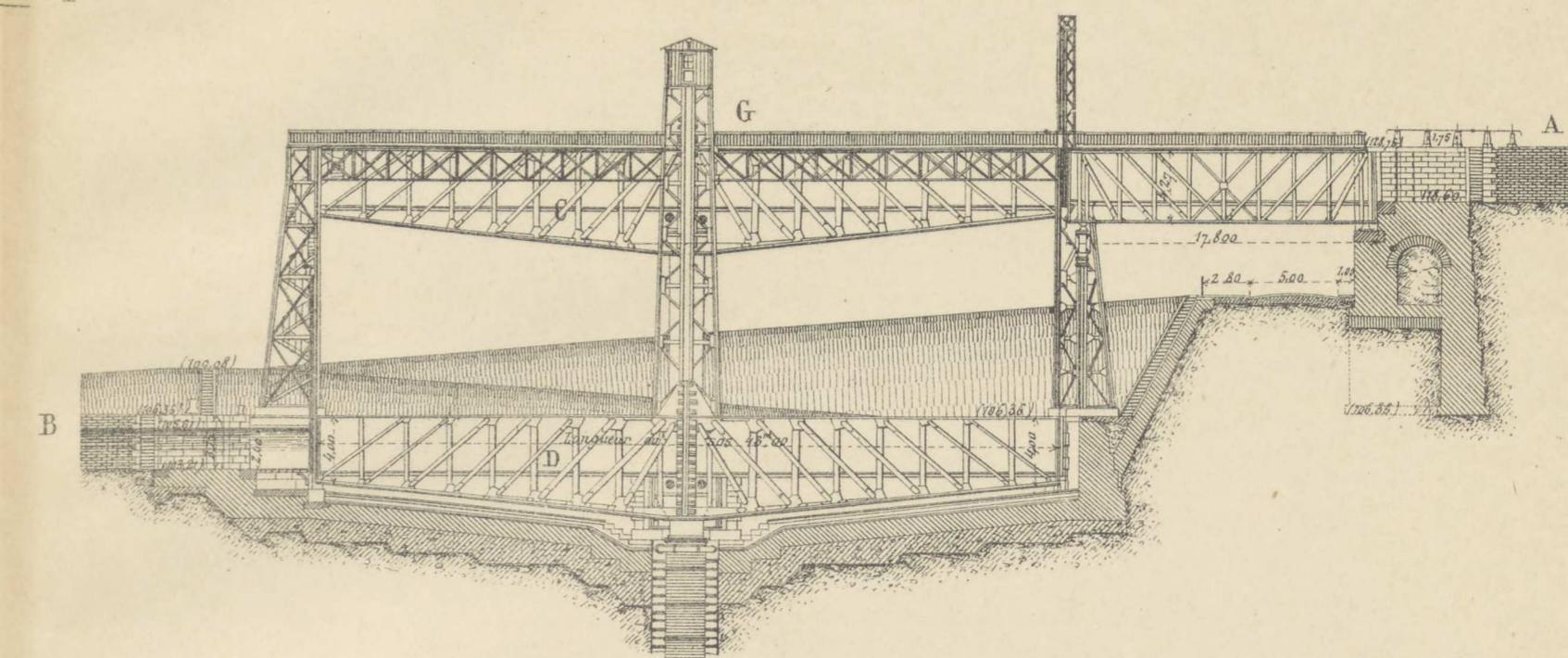
LÉGENDE

- A Bief d'amont
- B Bief d'aval
- C { Sas mobiles
- D }
- E Bâtiment des accumulateurs
- F Machinerie
- G Pavillon de manœuvres
- H { Puits des presses
- I }

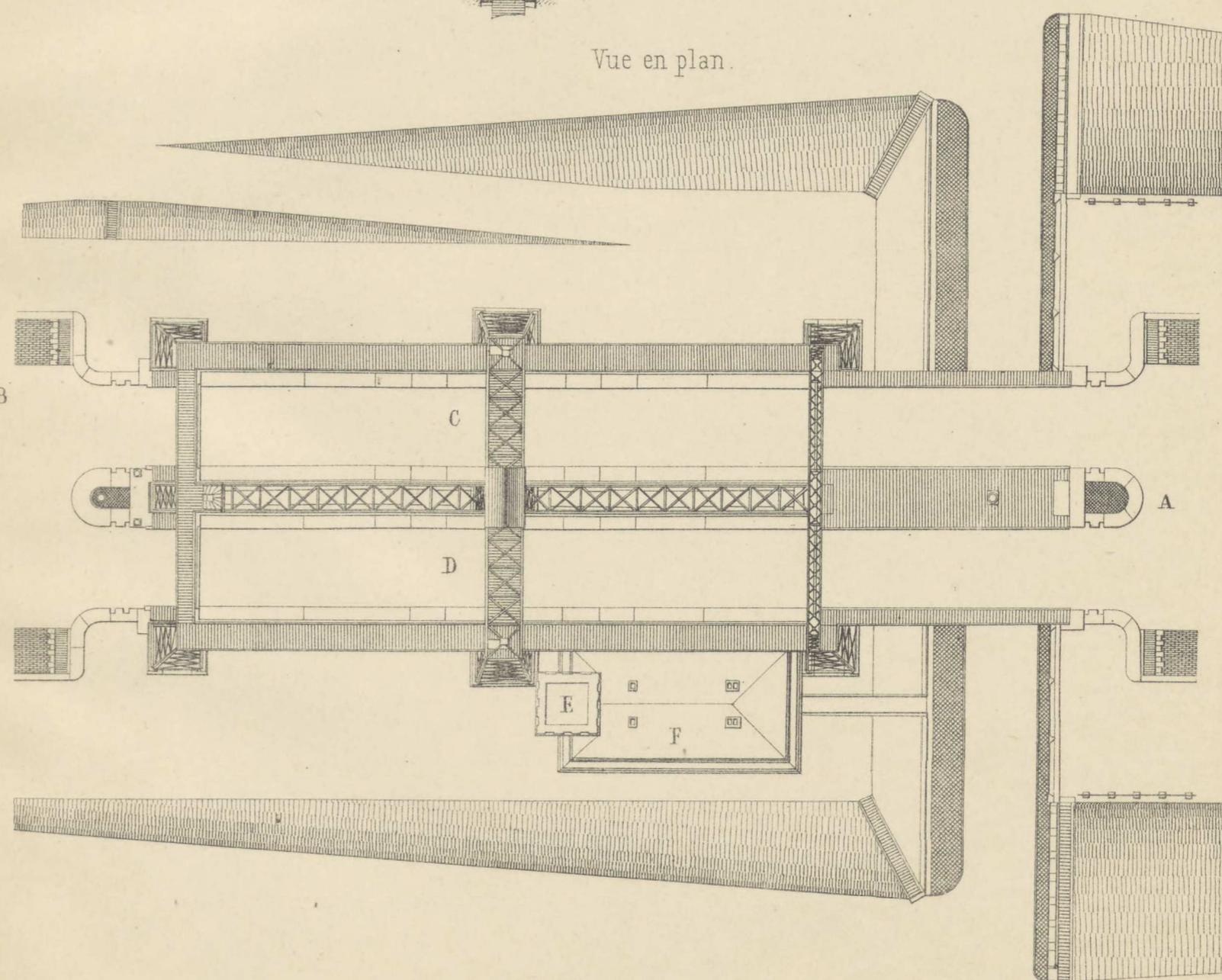
ASCENSEUR DE LA LOUVIÈRE

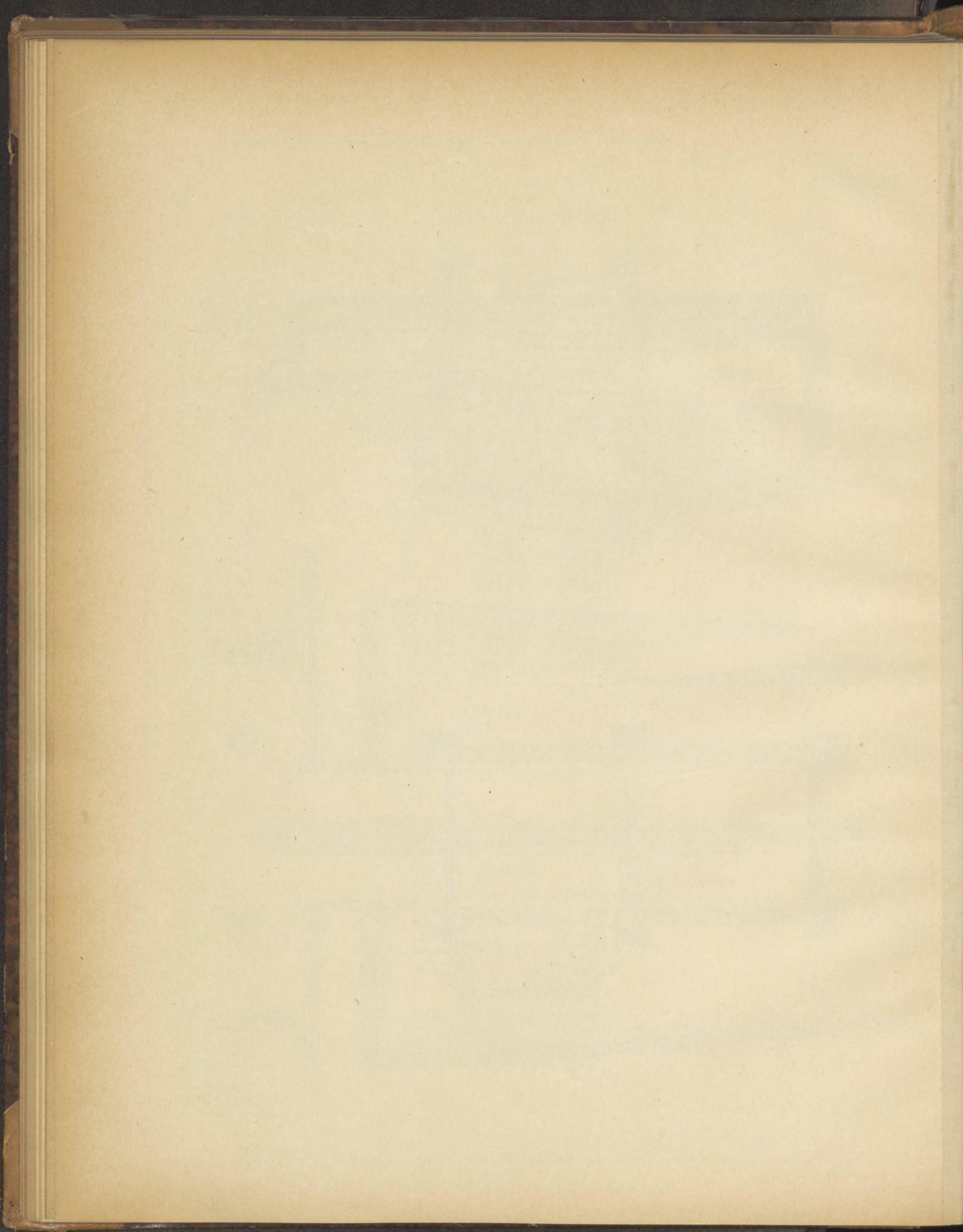
Echelle de 0,0025 p.m.

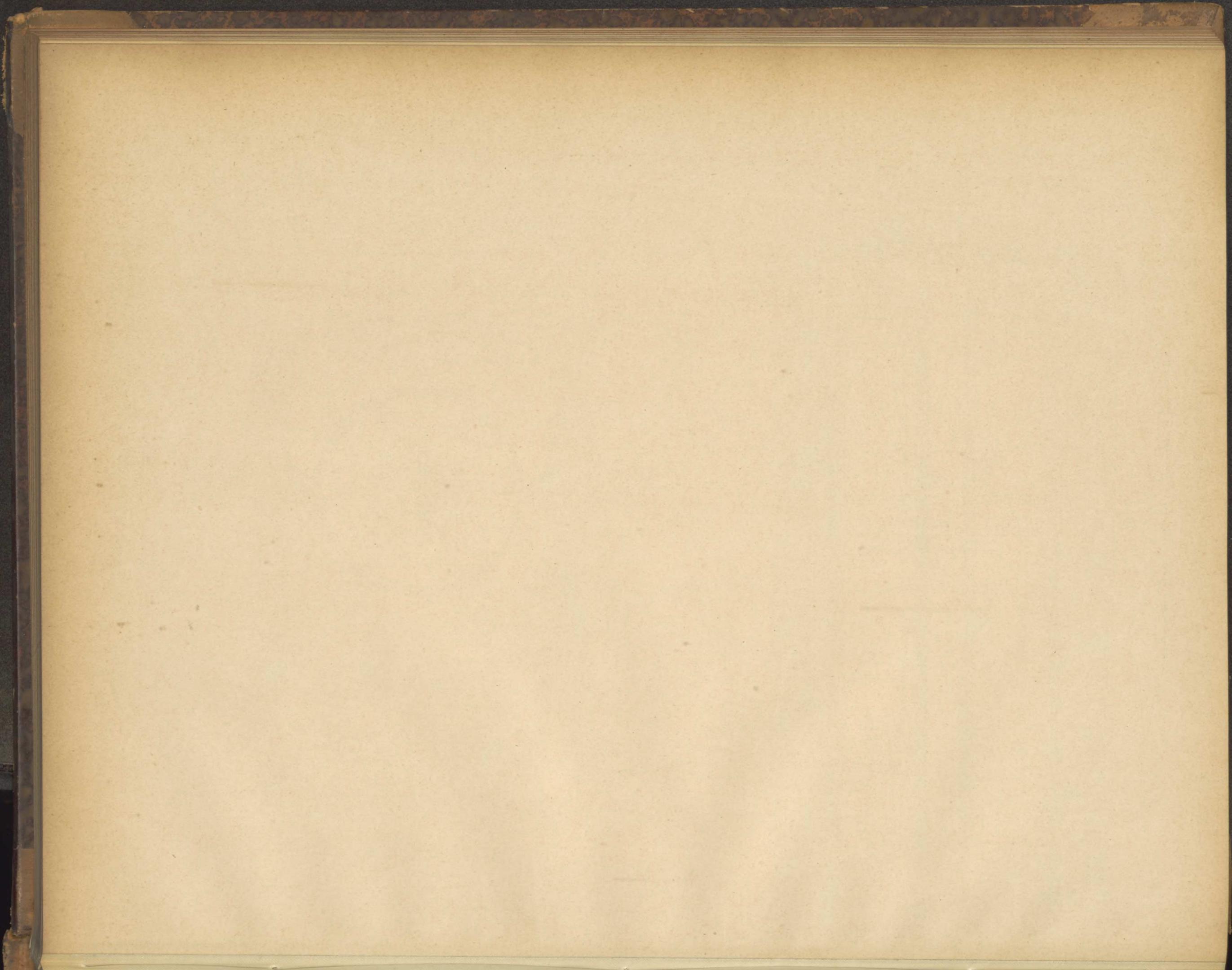
Elevation laterale.



Vue en plan.







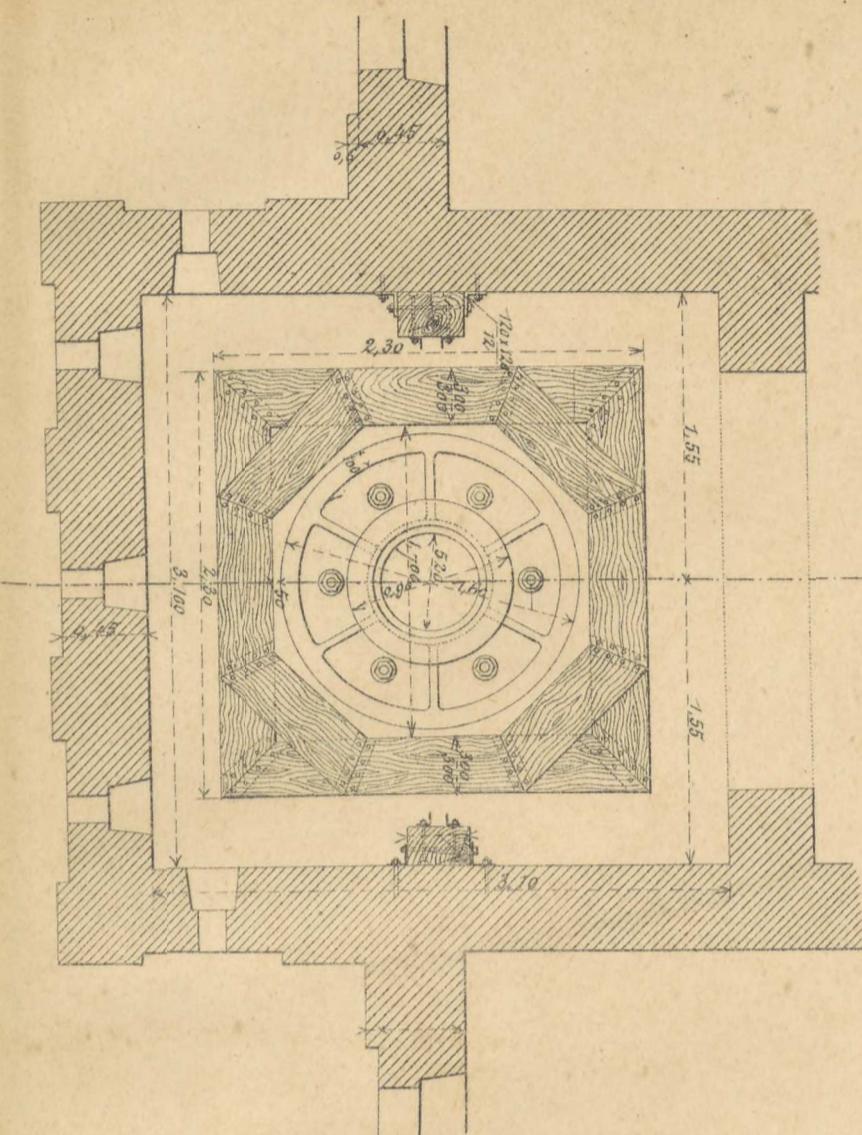
ASCENSEUR DE LA LOUVIÈRE

Accumulateur de Pression.

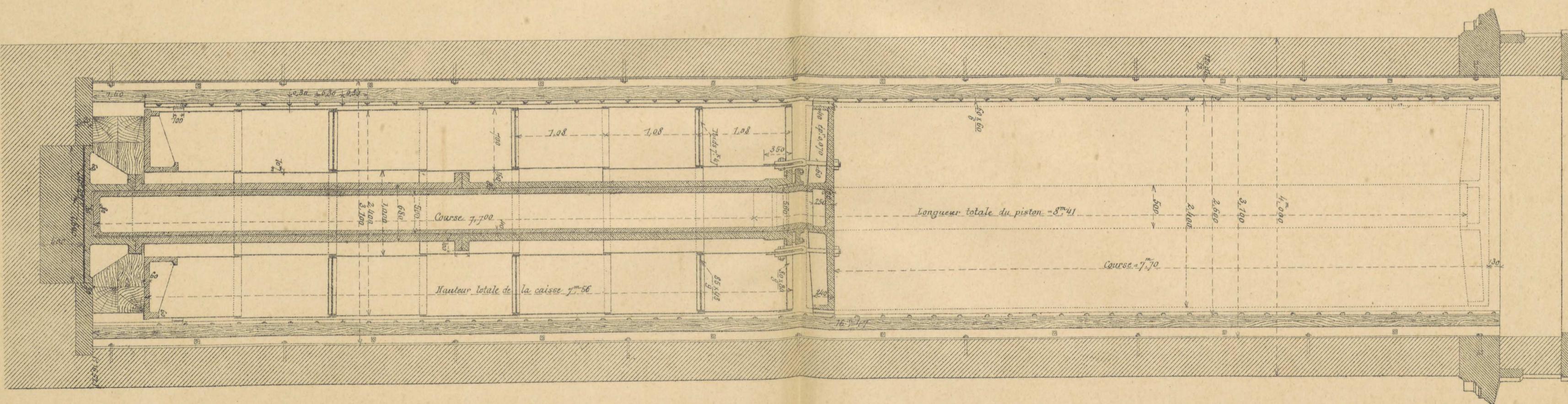
Echelle de 0,025 p. 1 mètre.

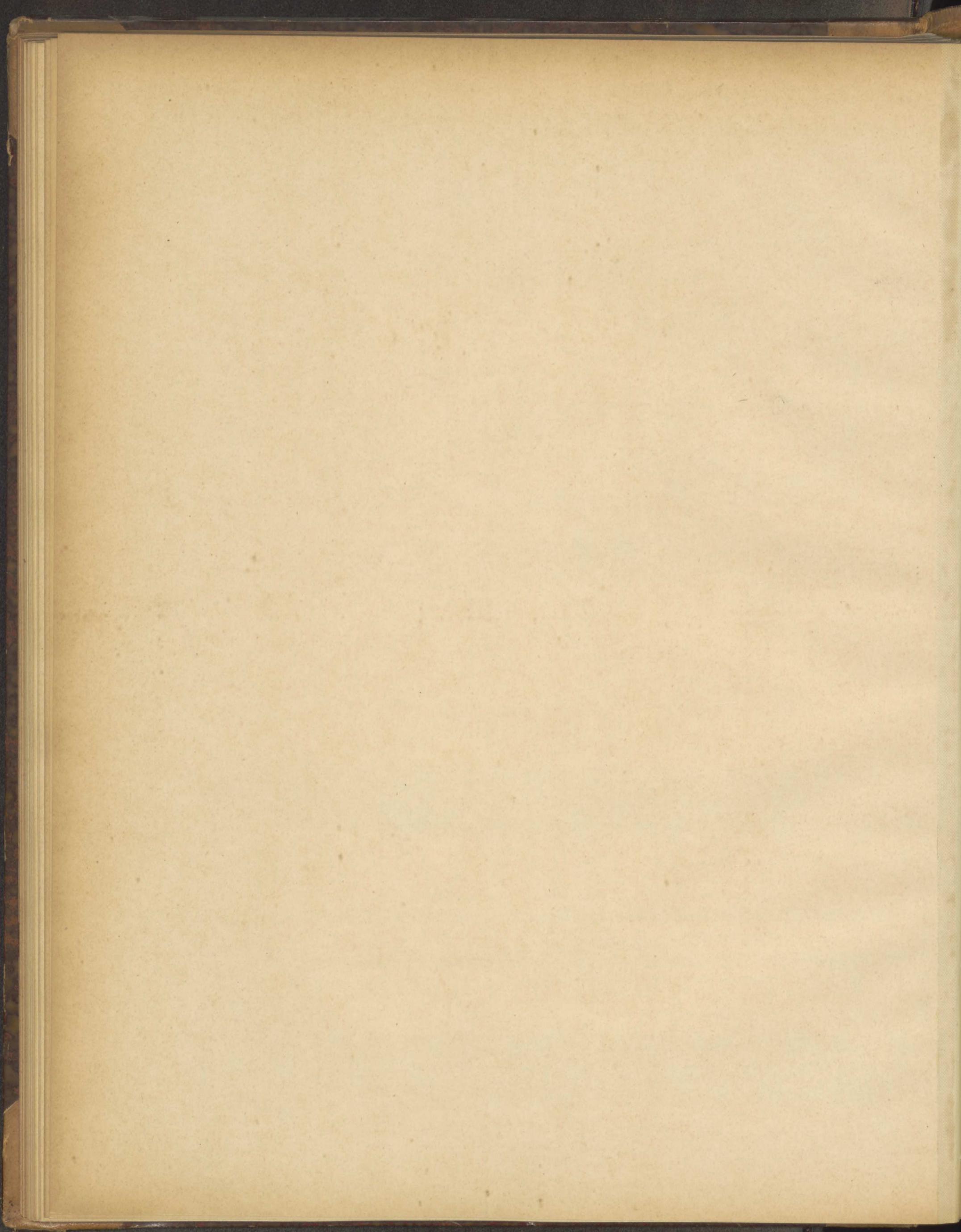
Support de la Caisse.

Vue en Plan.



Coupe verticale.





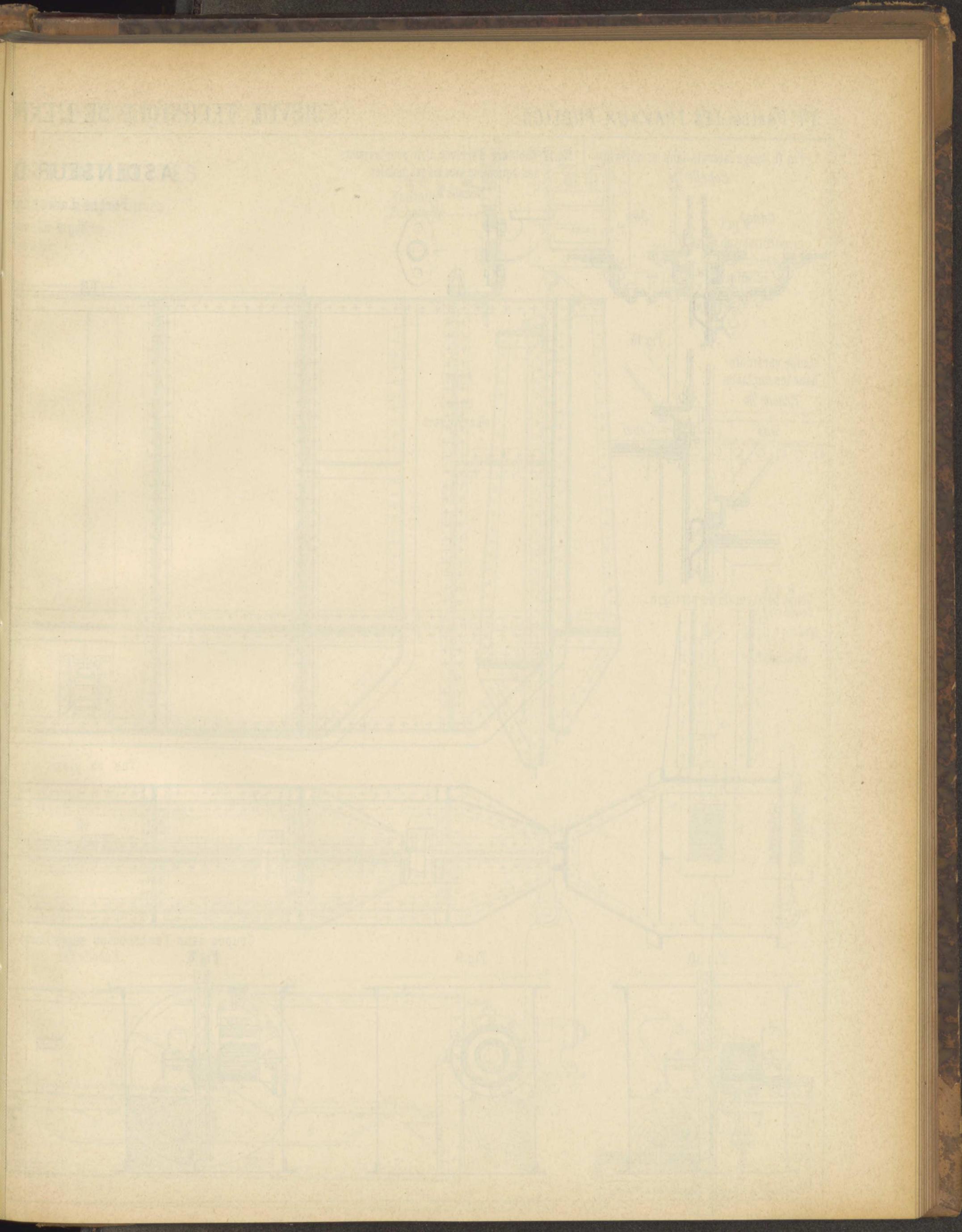
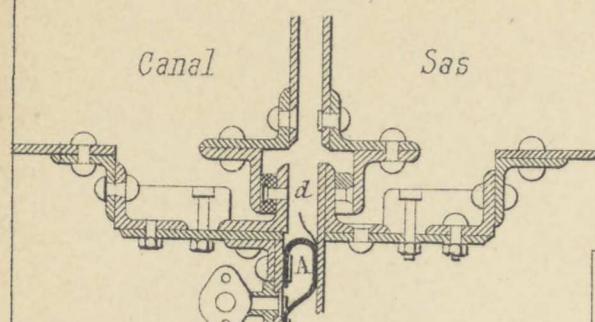
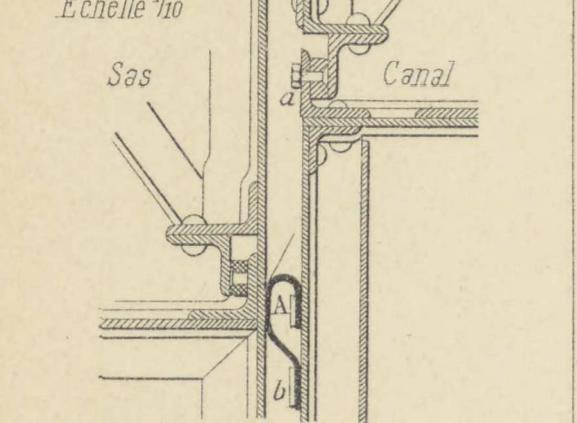


Fig.11 Coupe latérale dans les enclaves.
Echelle $\frac{1}{10}$



Coupe verticale dans les enclaves
Echelle $\frac{1}{10}$



Coupes horizontales du portique.

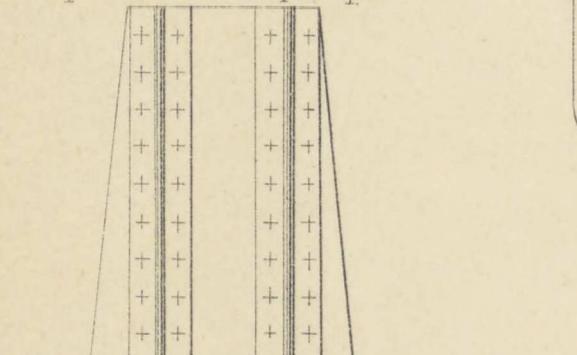
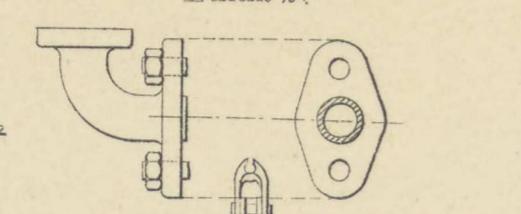


Fig.12. Tubulure d'arrivée d'air pour les joints des aqueducs avec les sas mobiles.
Echelle $\frac{1}{5}$.



ASCENSEUR DES FONTINETTES

Portes d'amont et détails des portiques.

Fig.1. Elevation de la porte.
Echelle $\frac{1}{20}$.

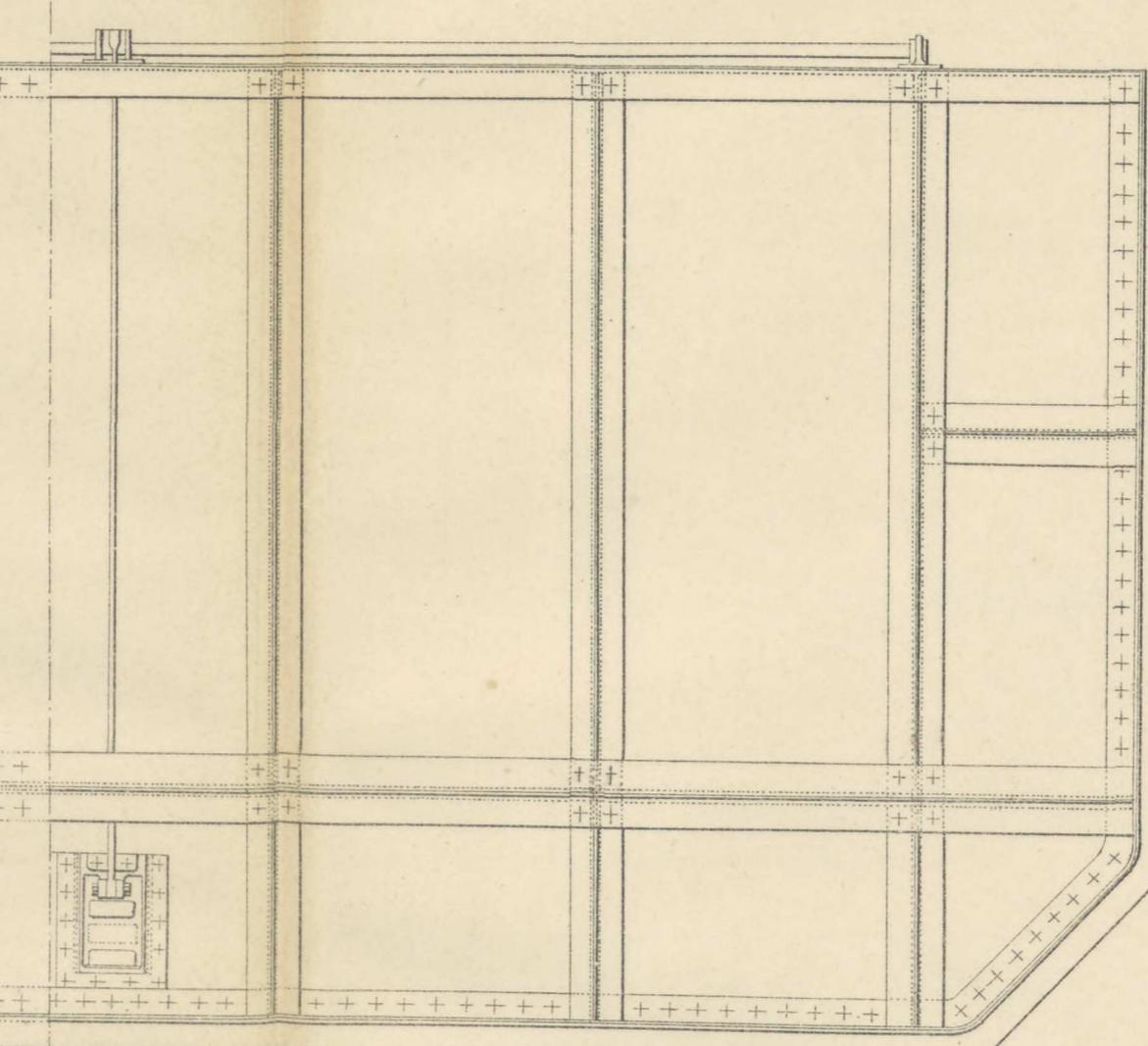


Fig.5.
Vantelle
Echelle $\frac{1}{10}$

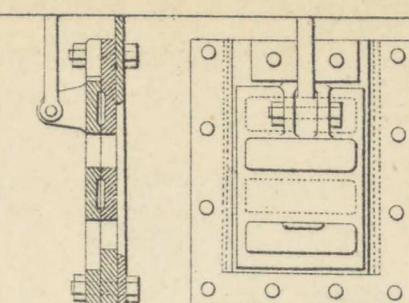


Fig.3.
Coupe transversale

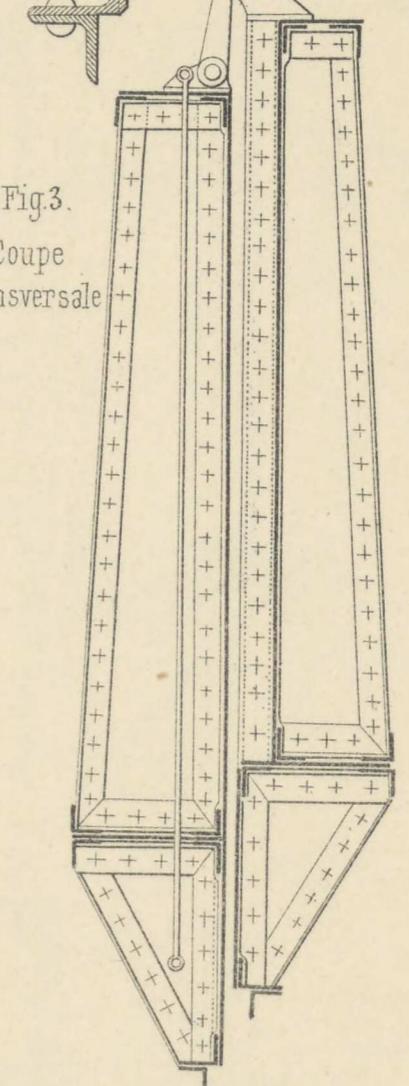


Fig.4.
Lever de manœuvre
des crochets
et vantelle.
Echelle $\frac{1}{10}$.

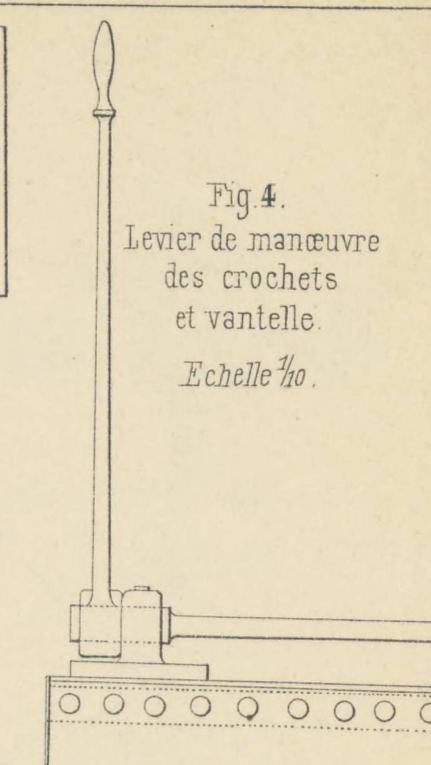
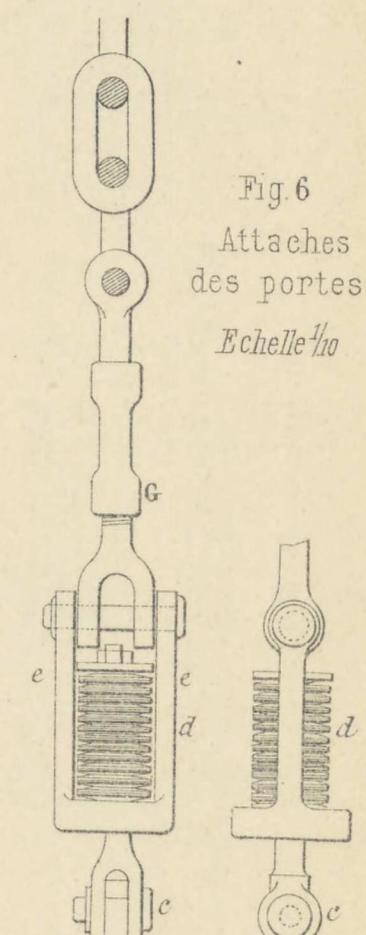


Fig.6
Attaches des portes
Echelle $\frac{1}{10}$



Vue en plan.

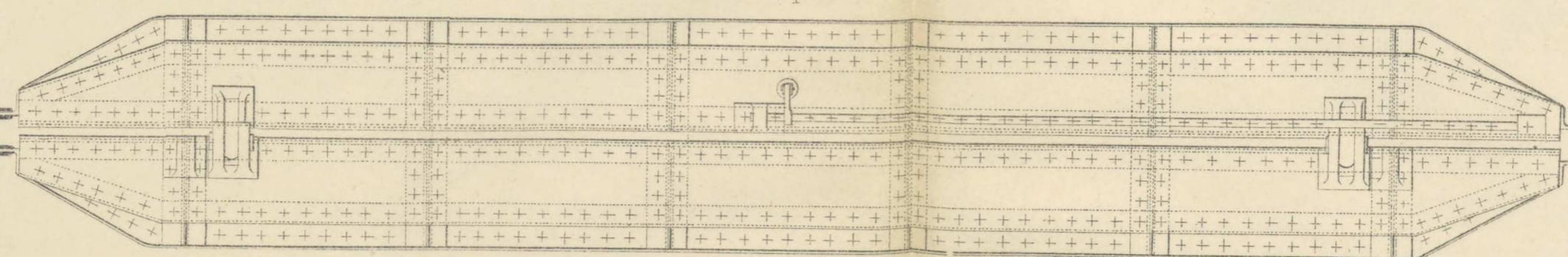


Fig.10.

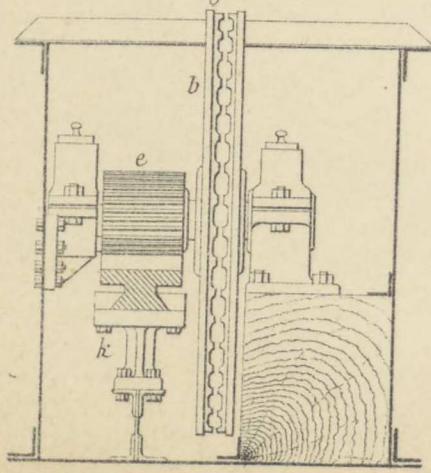
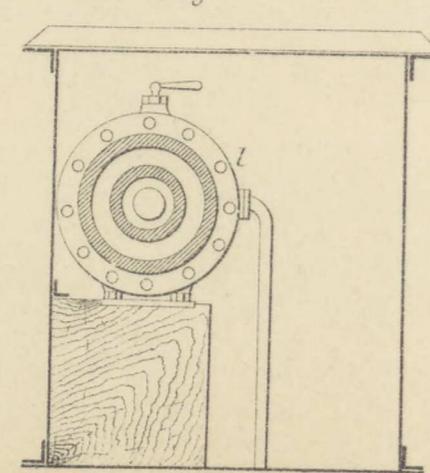


Fig.9.



Coupes dans l'entretoise supérieure des portiques.

Fig.8.
Echelle $\frac{1}{20}$

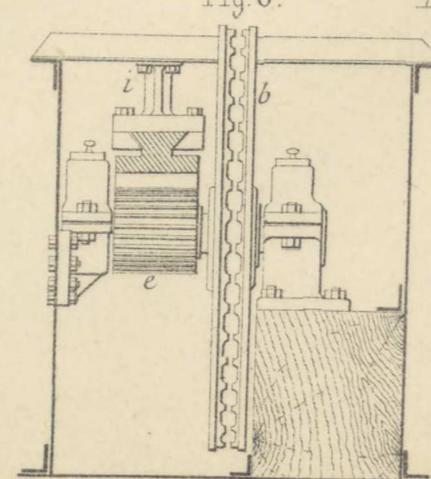
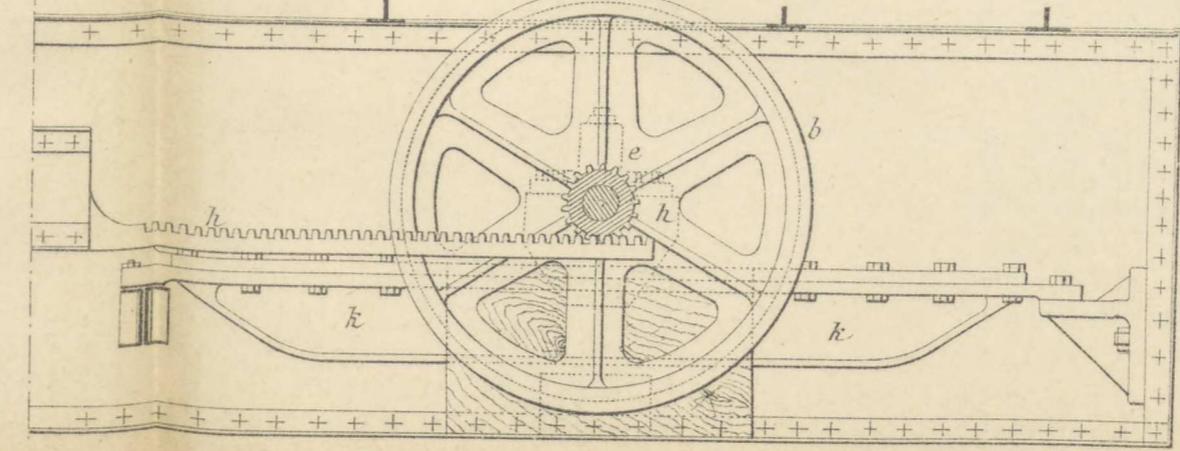
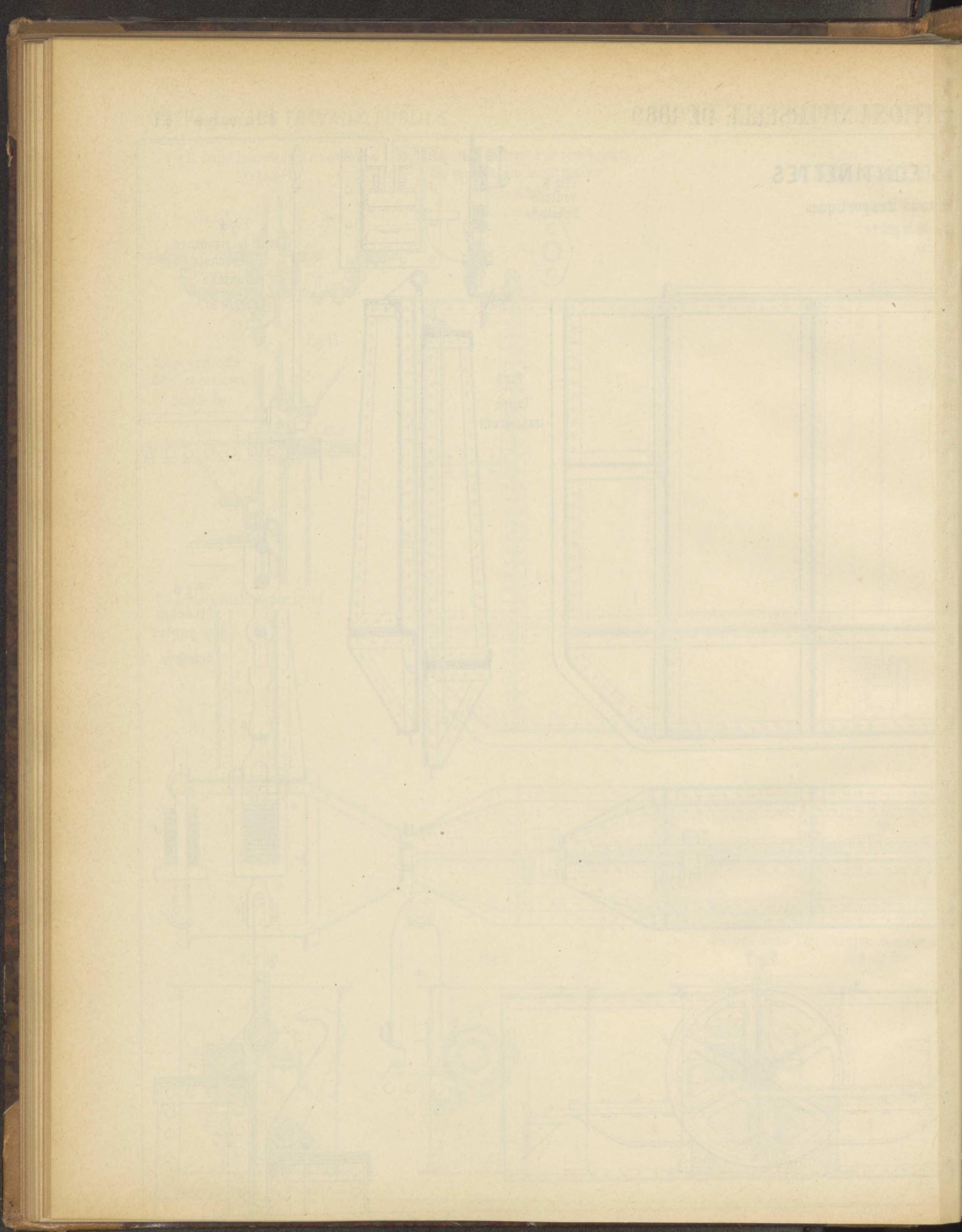
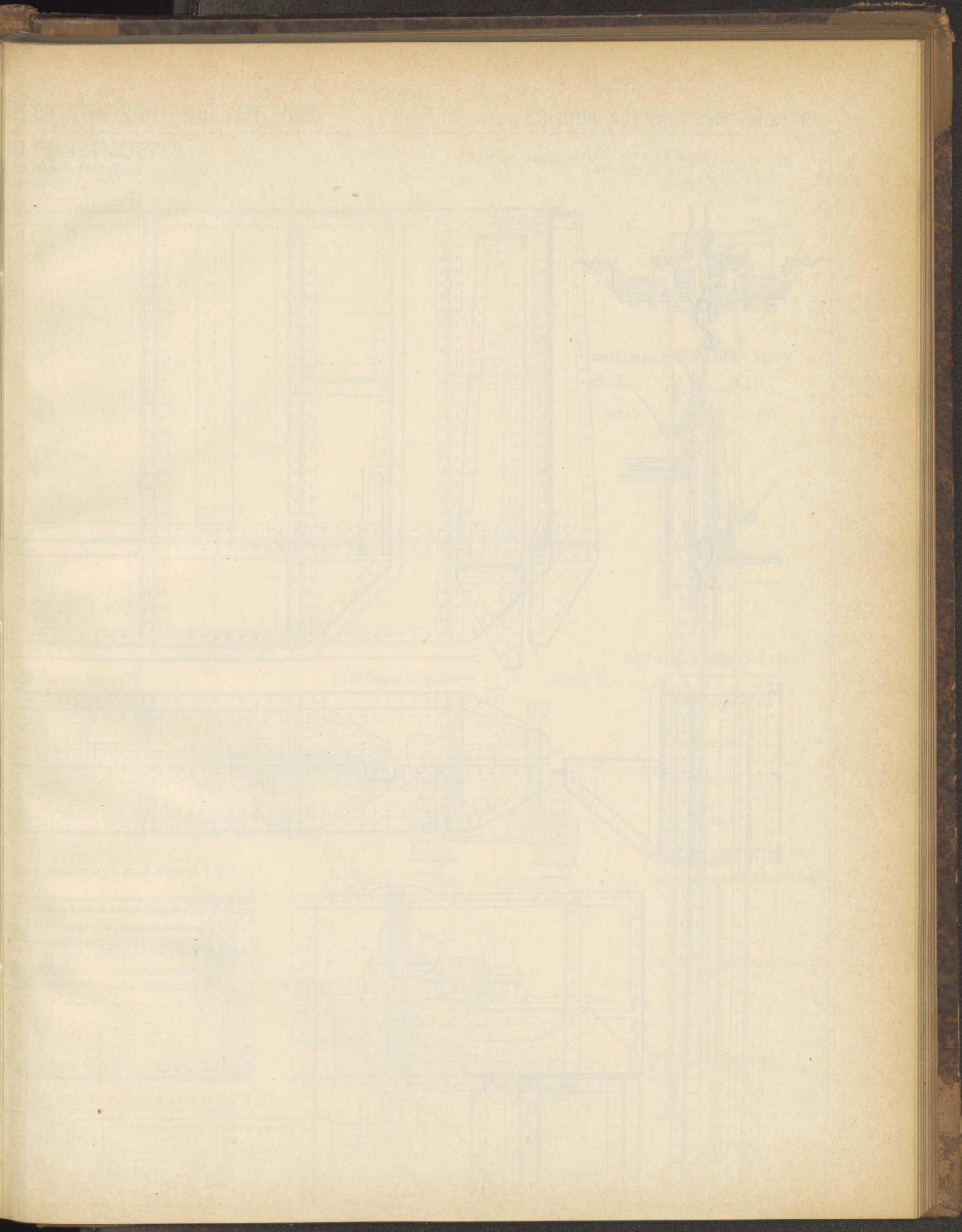
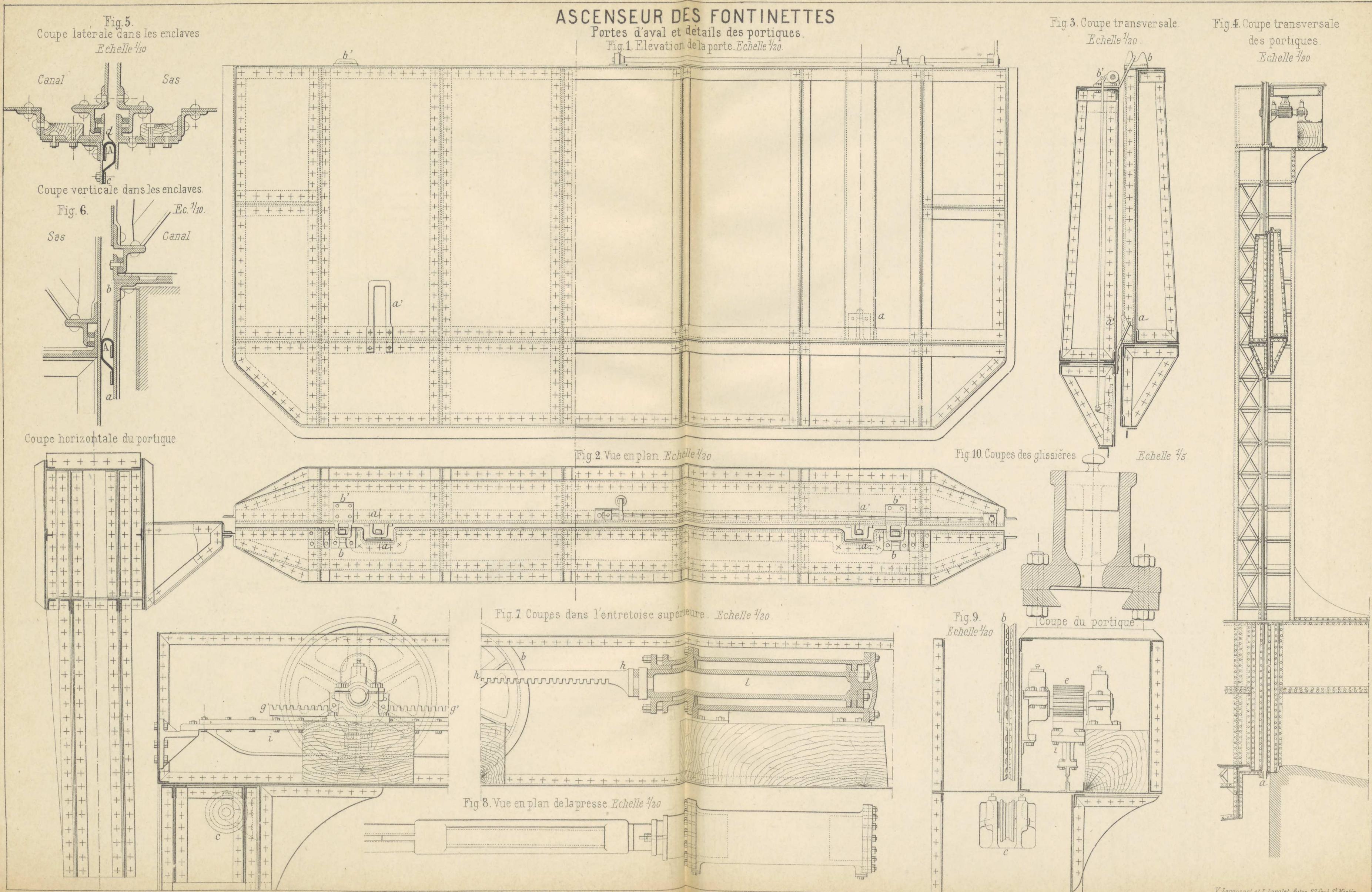


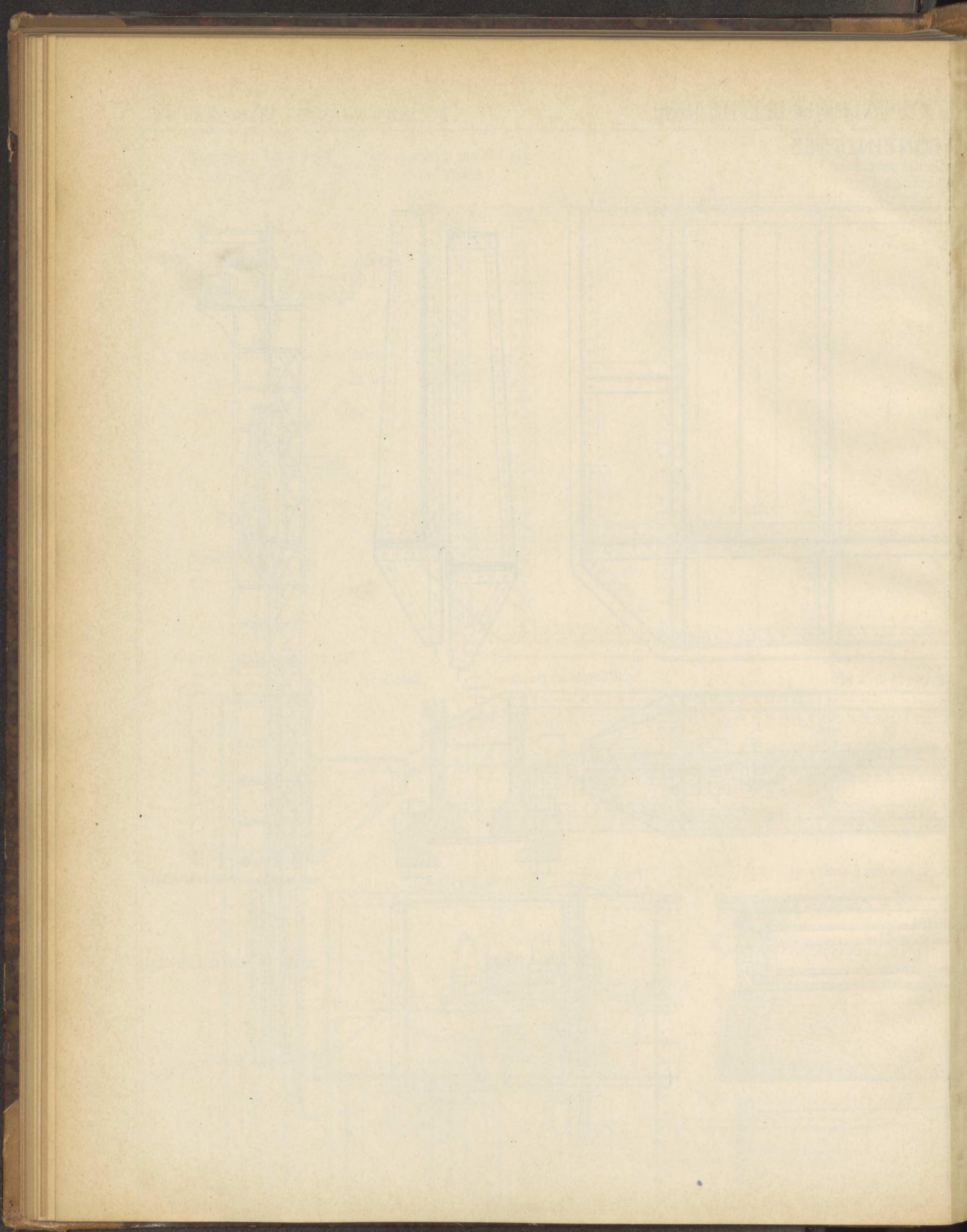
Fig.7

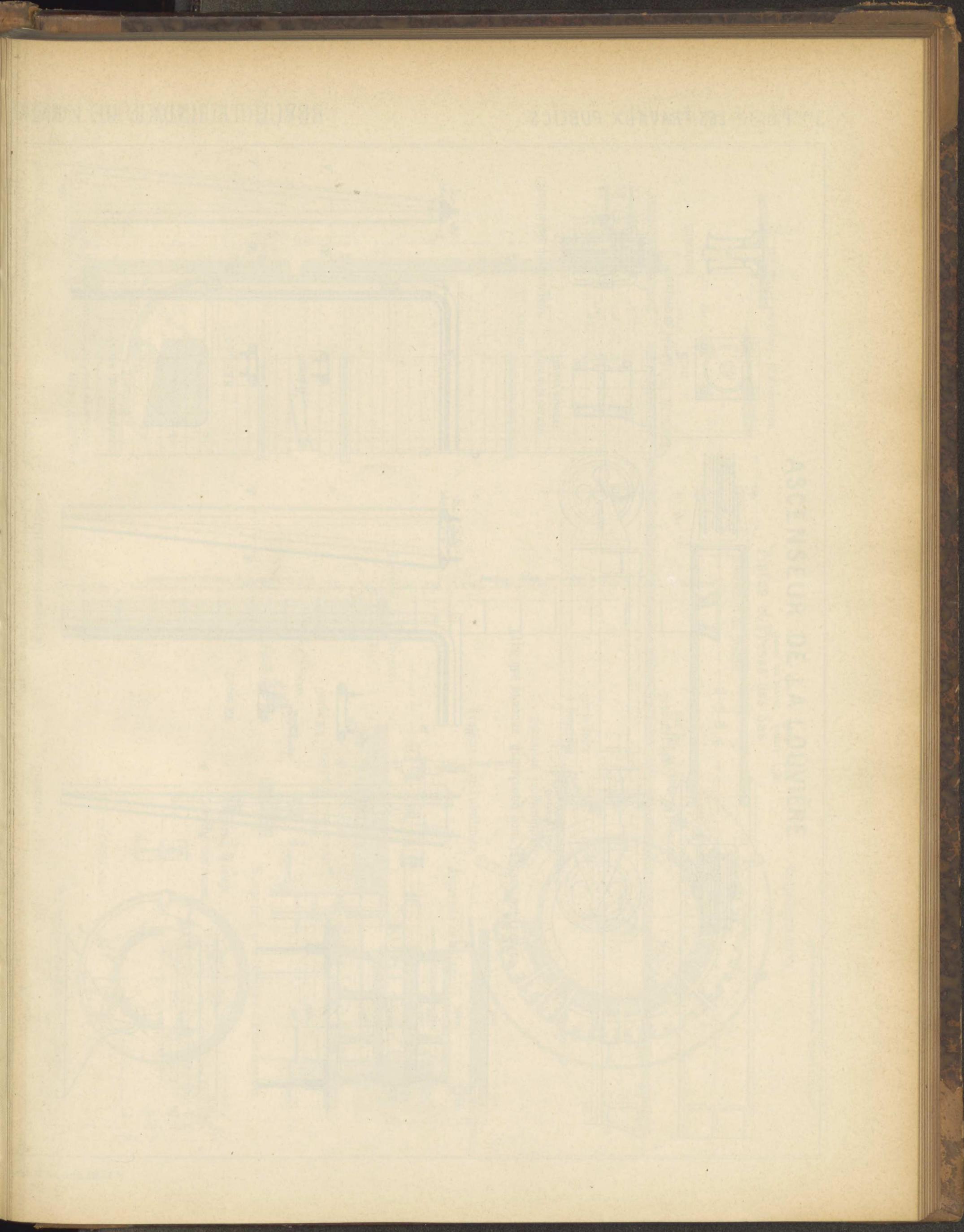


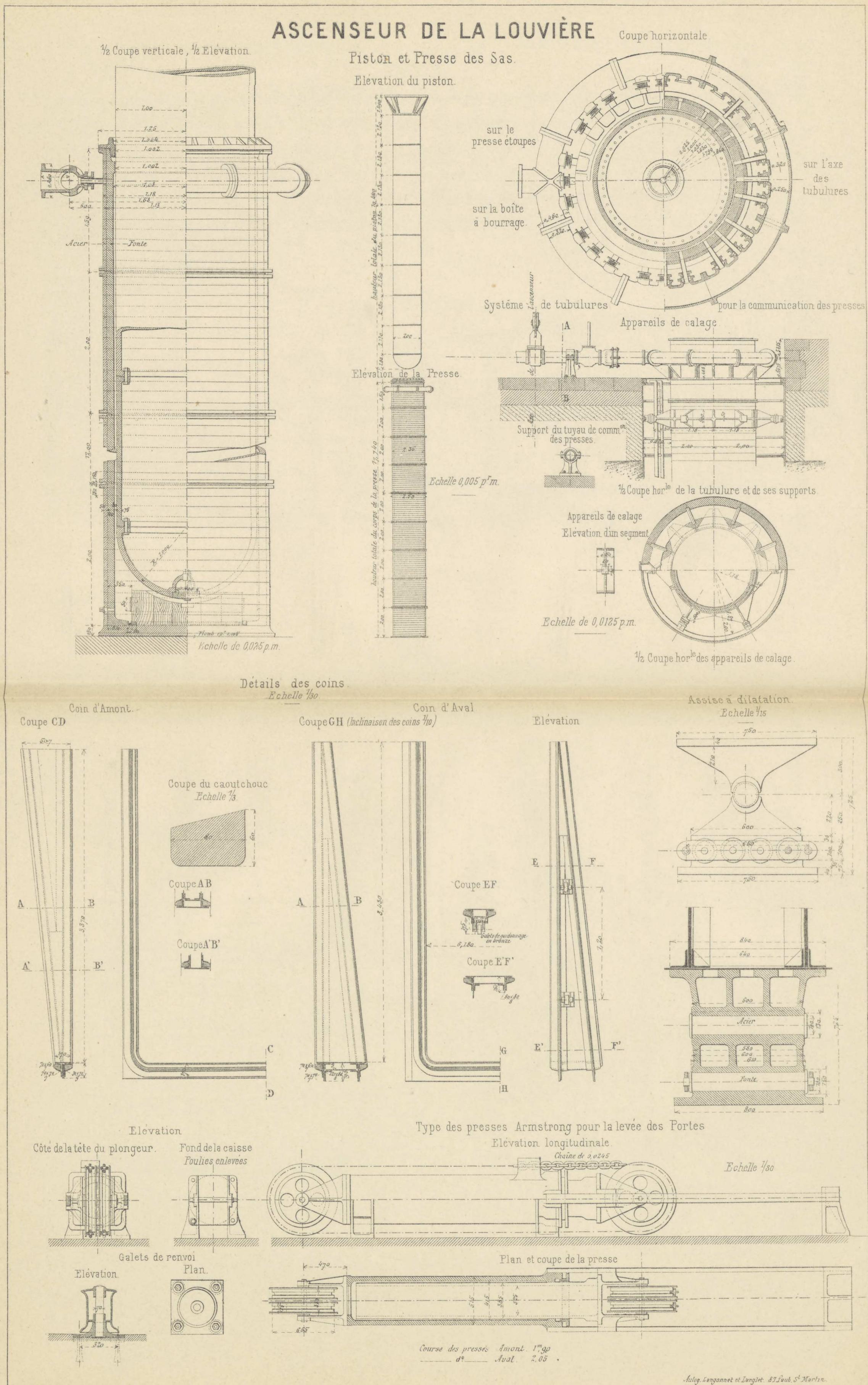






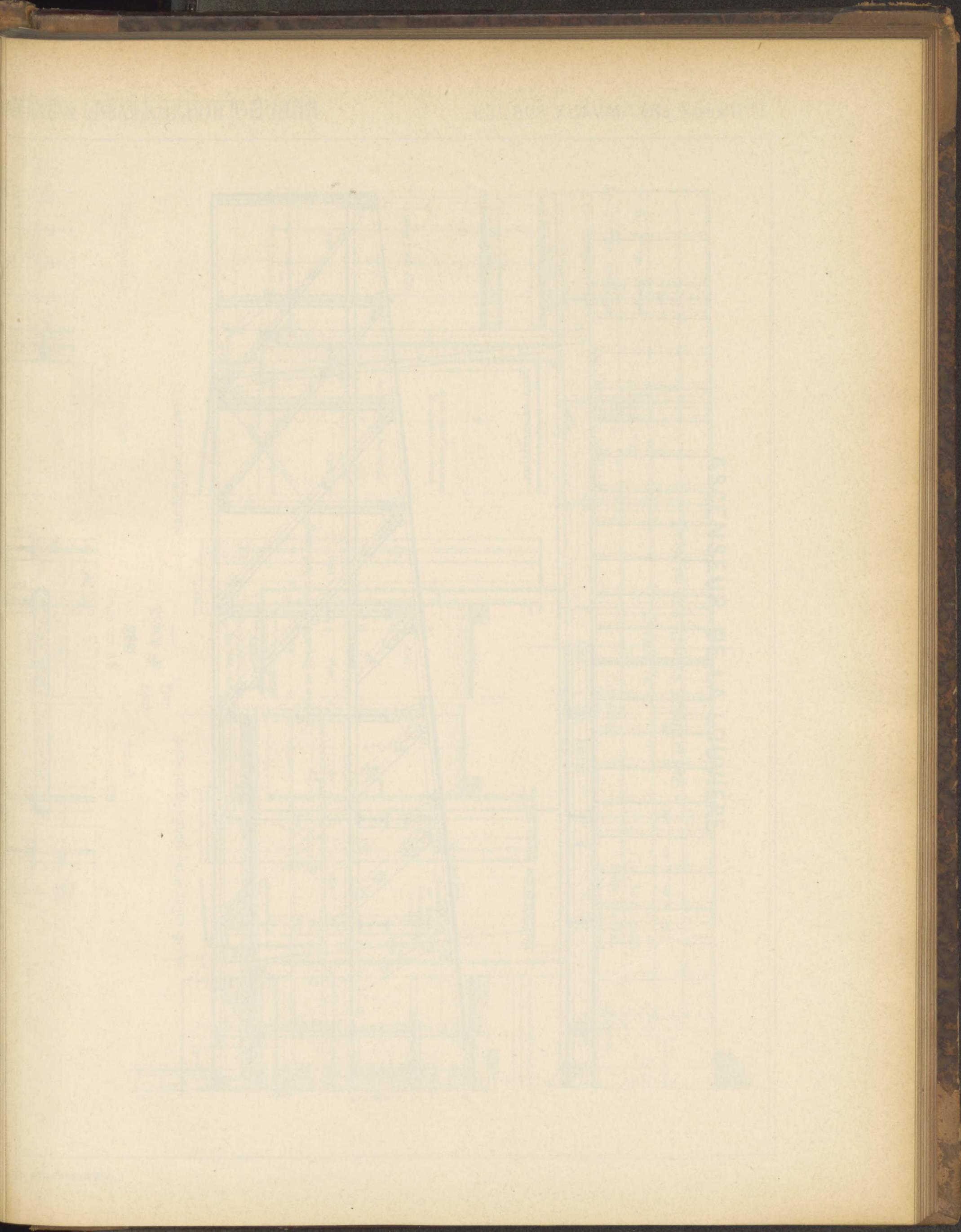


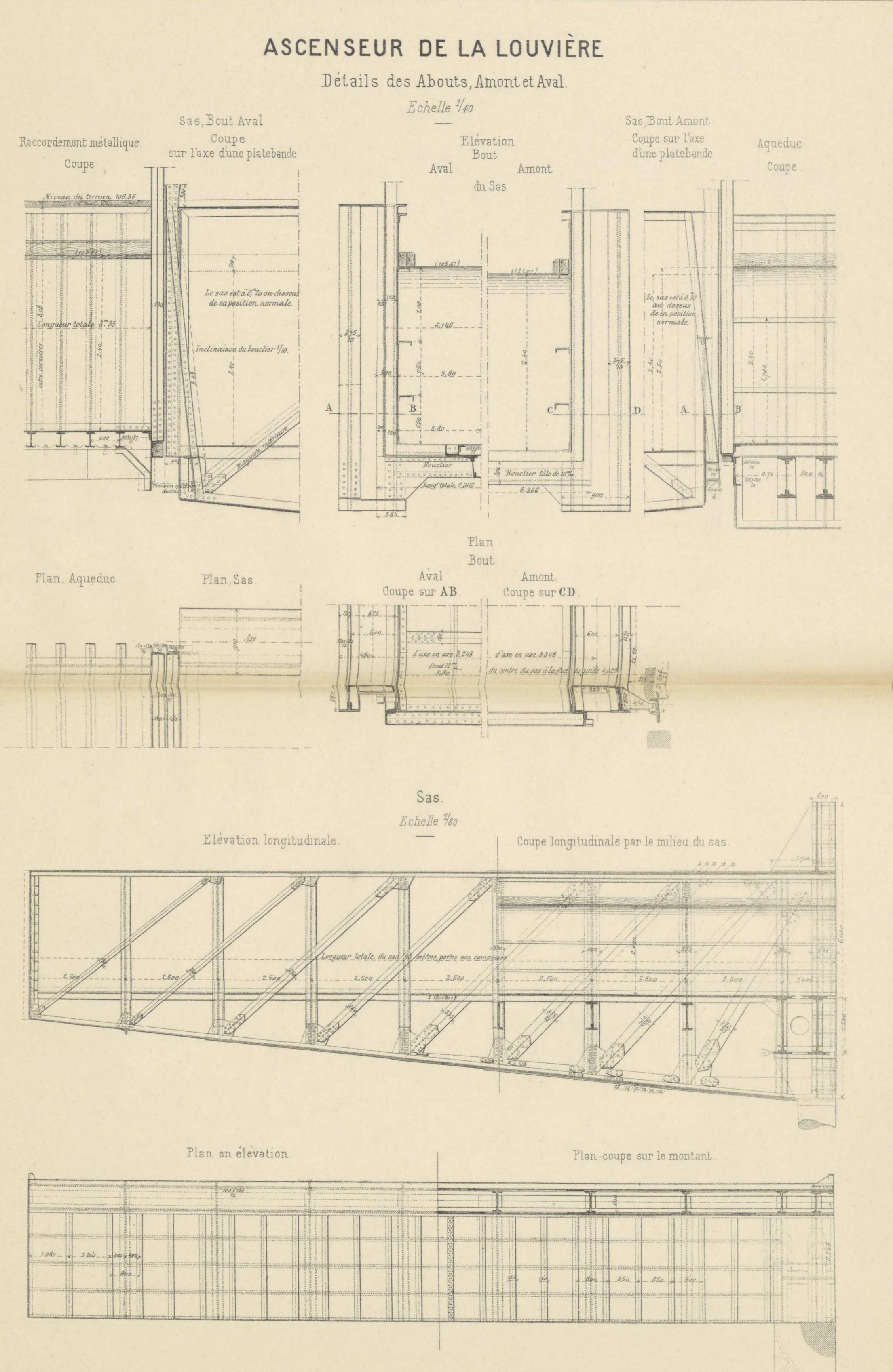




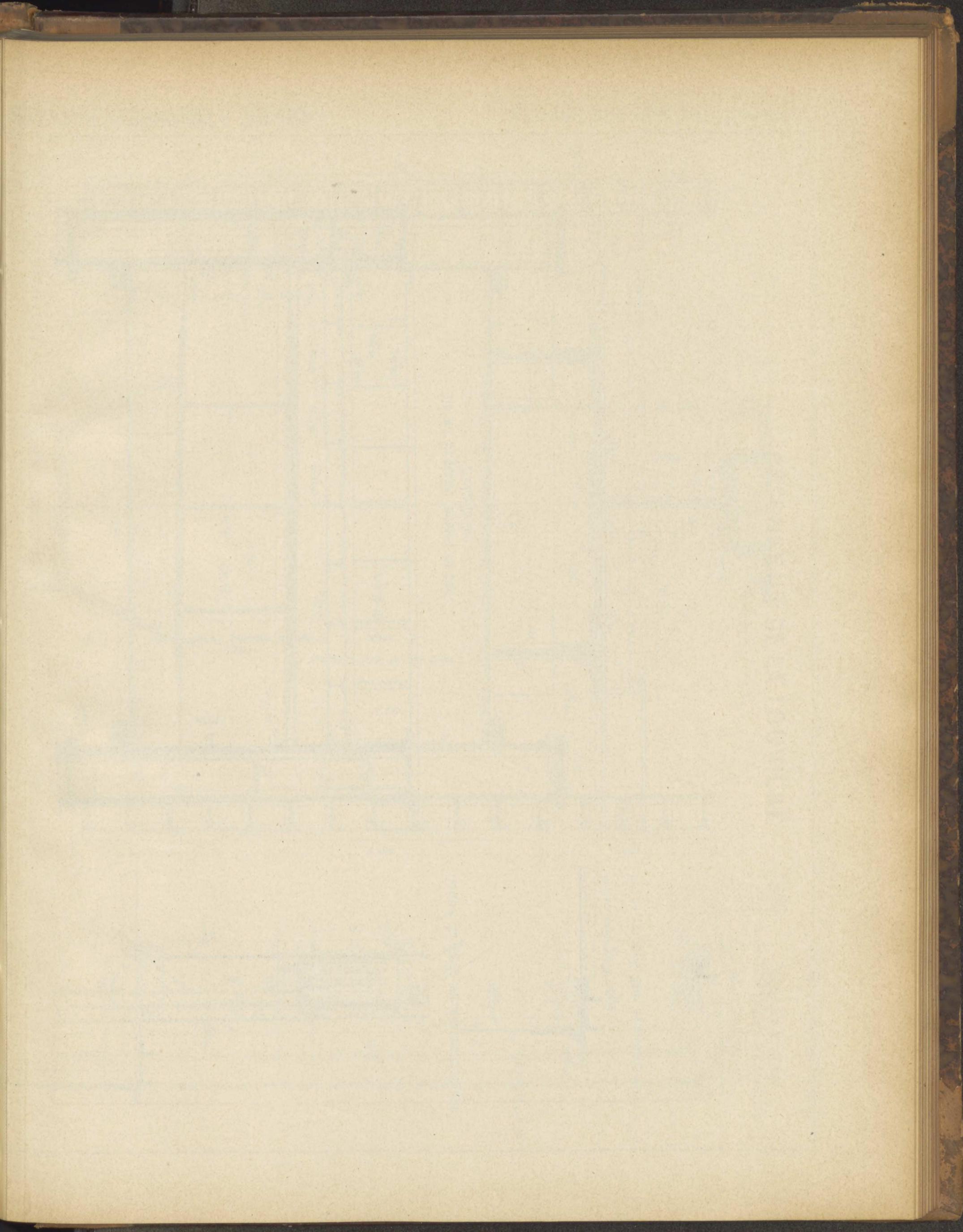
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THE HISTORY OF THE
ENGLISH DOMESTIC FURNITURE



REVUE TECHNIQUE DE L'EXPOSITION UNIVERSELLE DE 1889

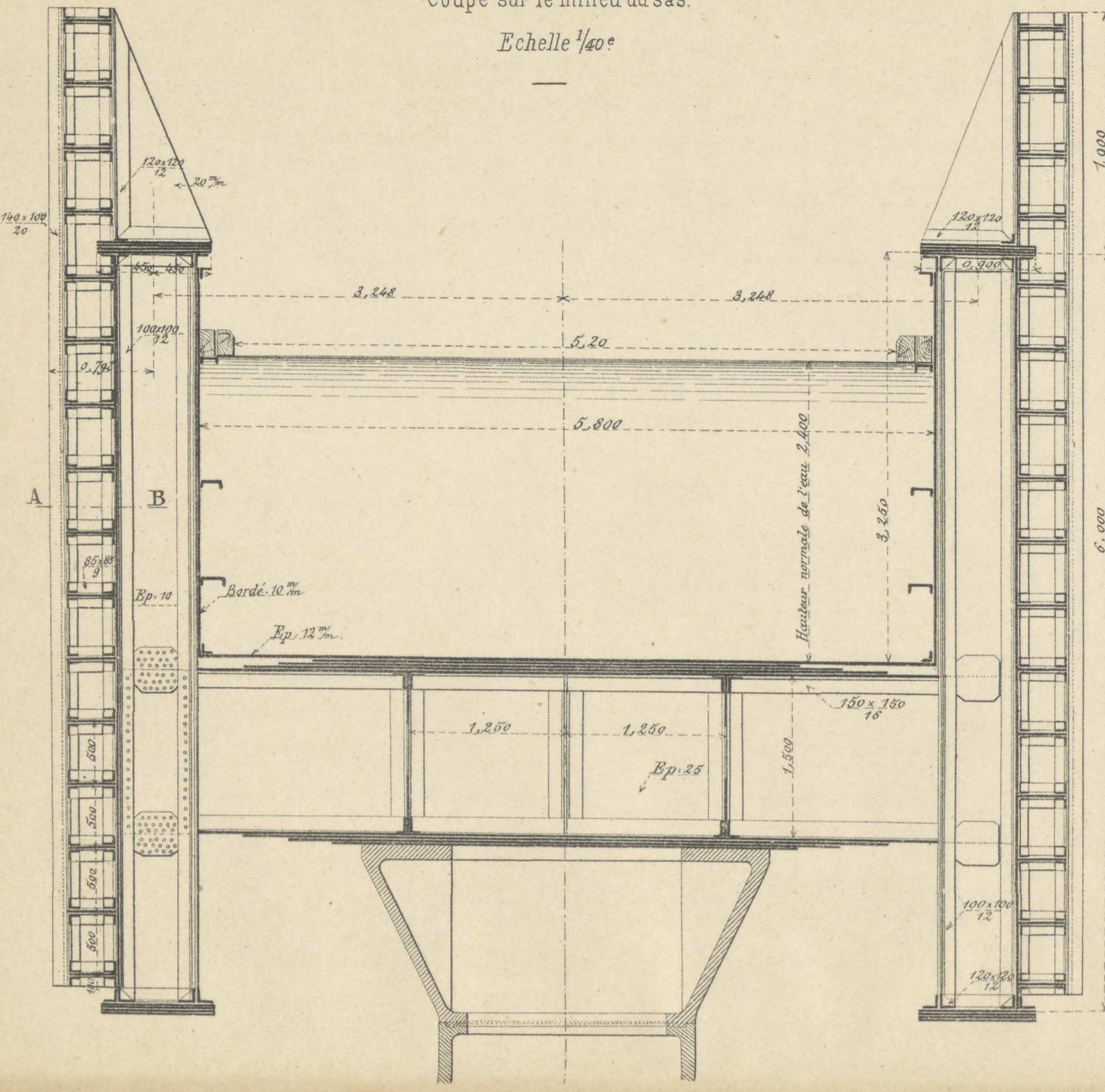
3^{me} Partie. LES TRAVAUX PUBLICS.

Planches 47-48.

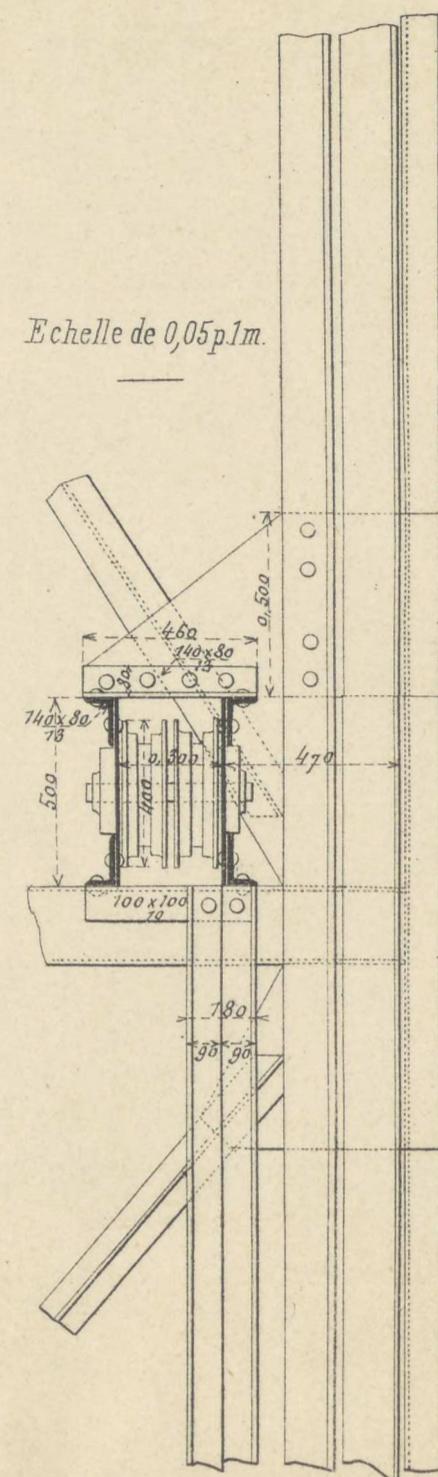
ASCENSEUR DE LA LOUVIÈRE

Coupe sur le milieu du sas

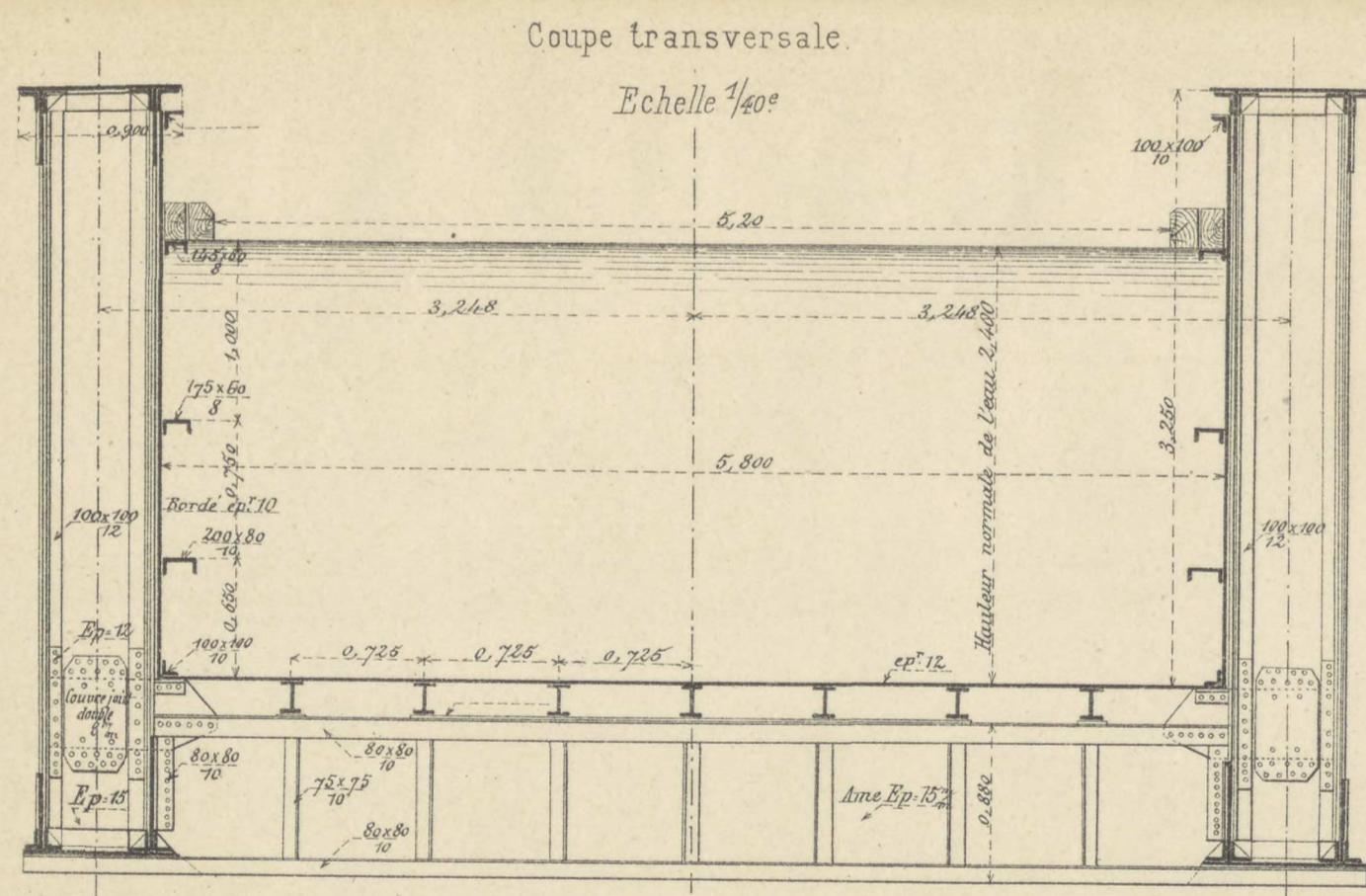
Echelle $\frac{1}{40}$:



Détail des poutres
portant les poulies de manœuvre
Coupe transversale.



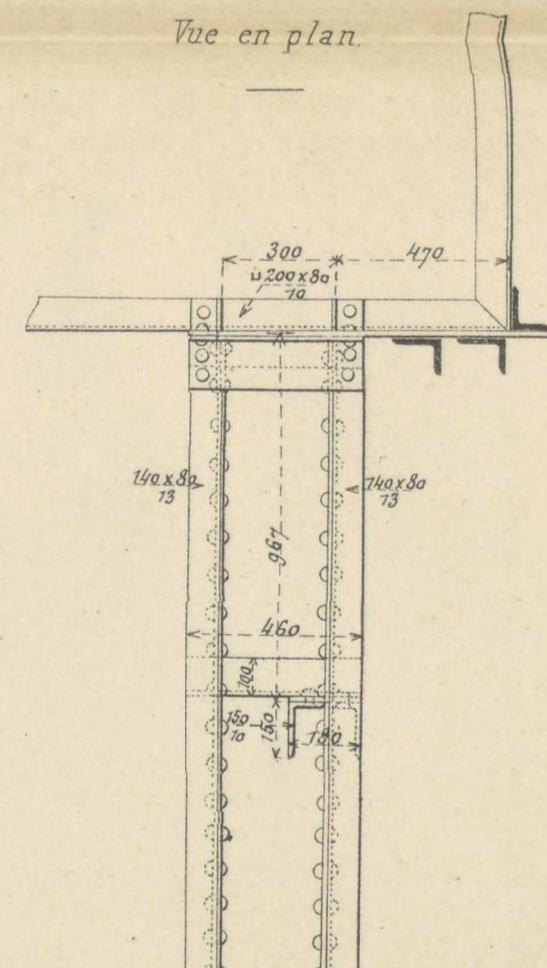
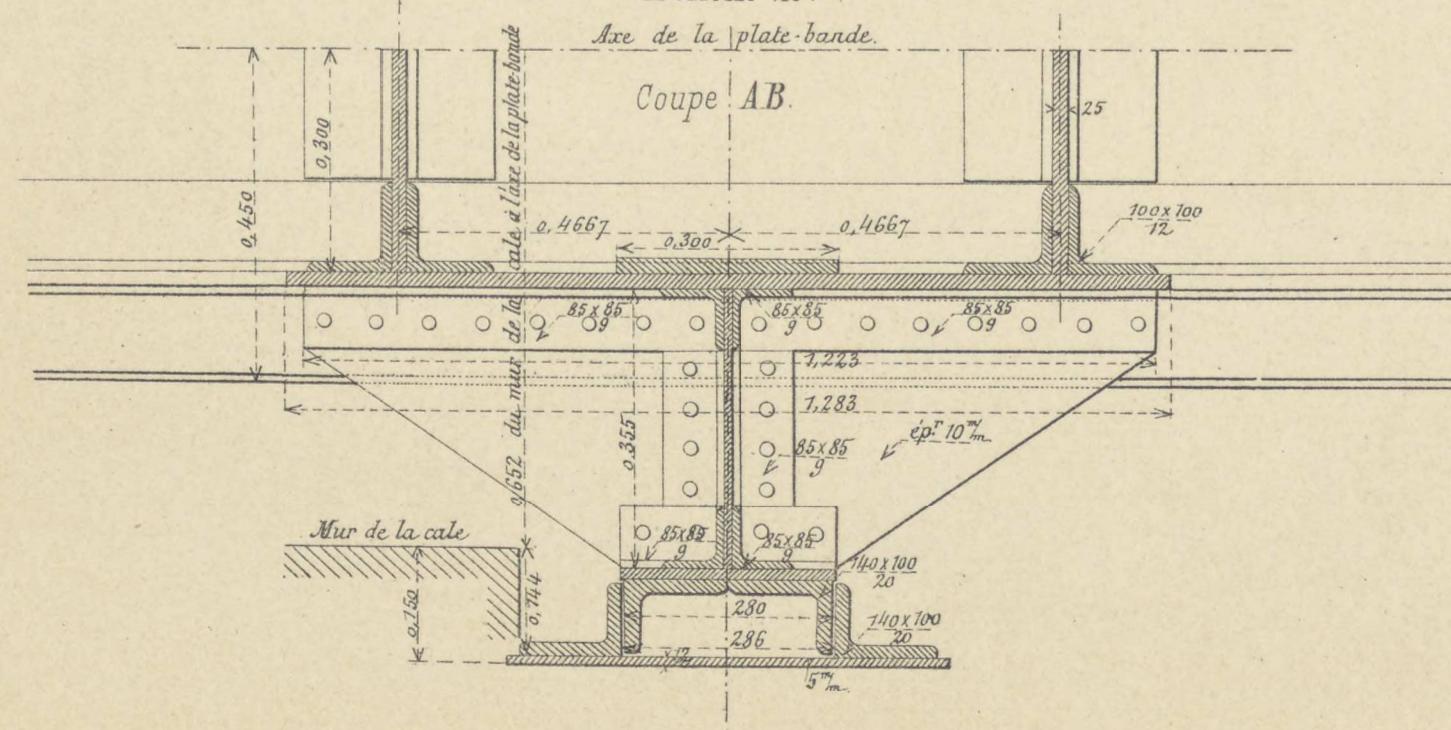
Vue en plan



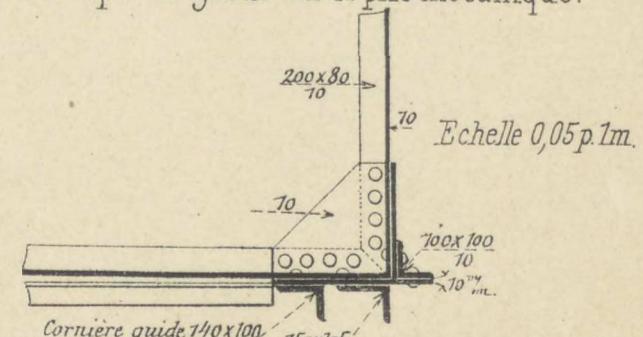
Détail du quide central du sas

Echelle $\frac{1}{10}$

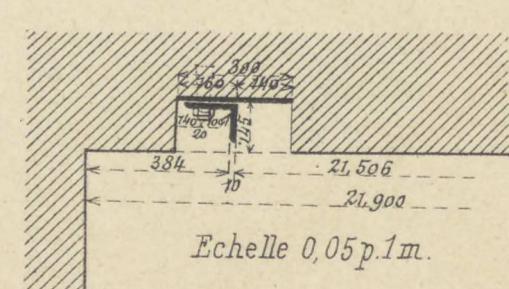
Axe de la plate-bande



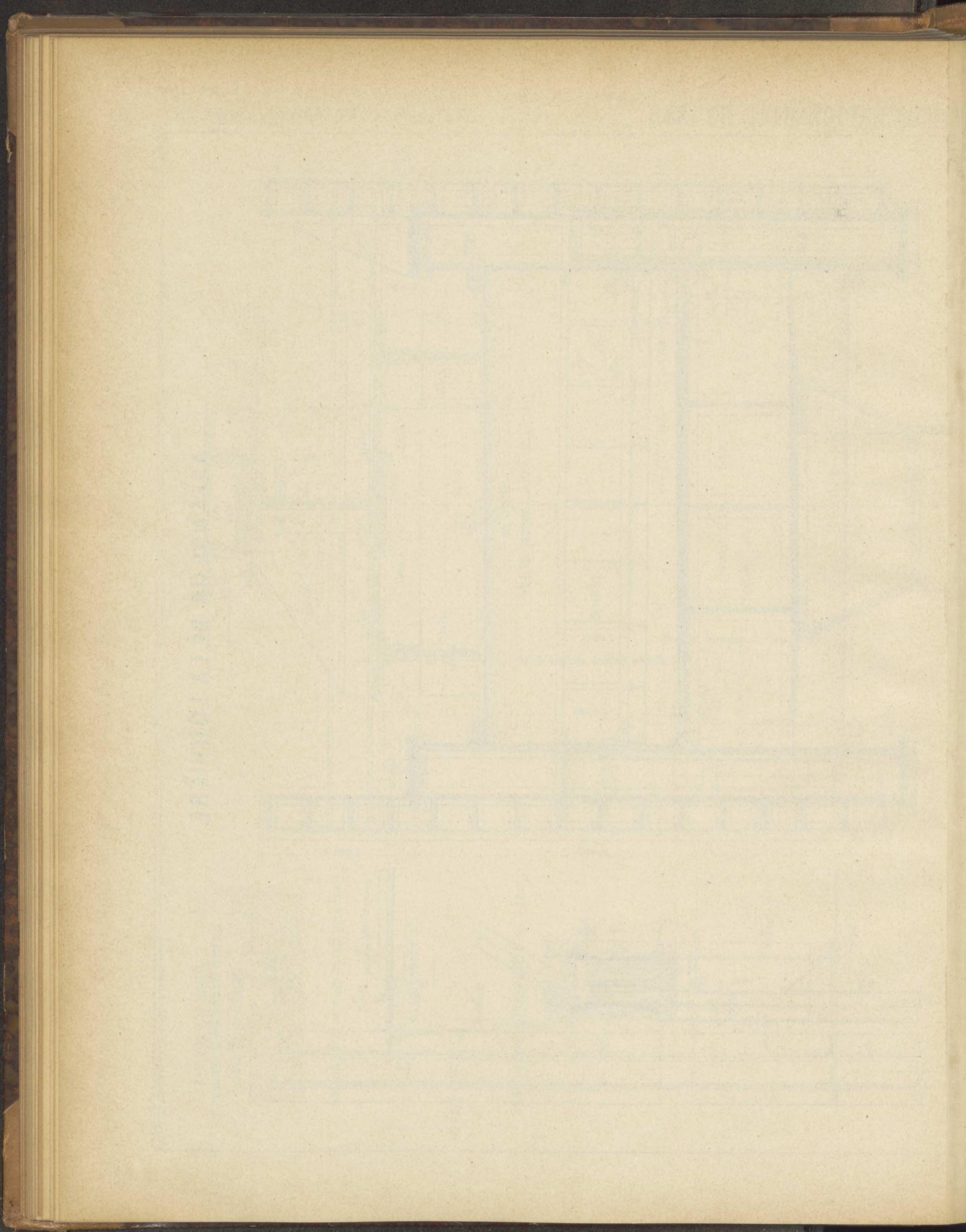
Coupe du guide sur la pile métallique.



10 13
Coupe du guide dans les macarneries



V. Langoonnet et E. Langlet. Autov. 87 fauh St Martin.



VOCABULAIRE DE LA ROMANCE

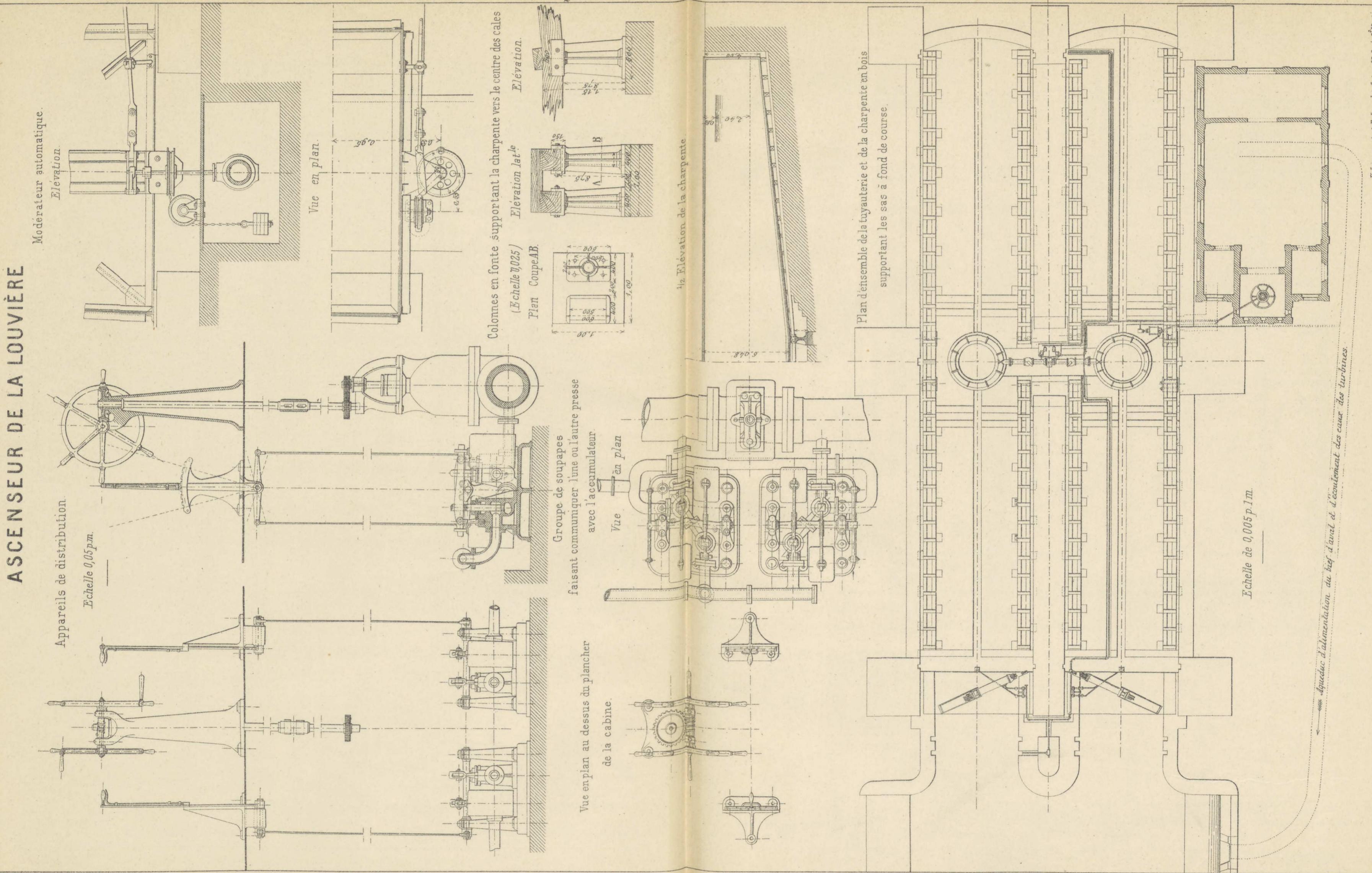
PARIS

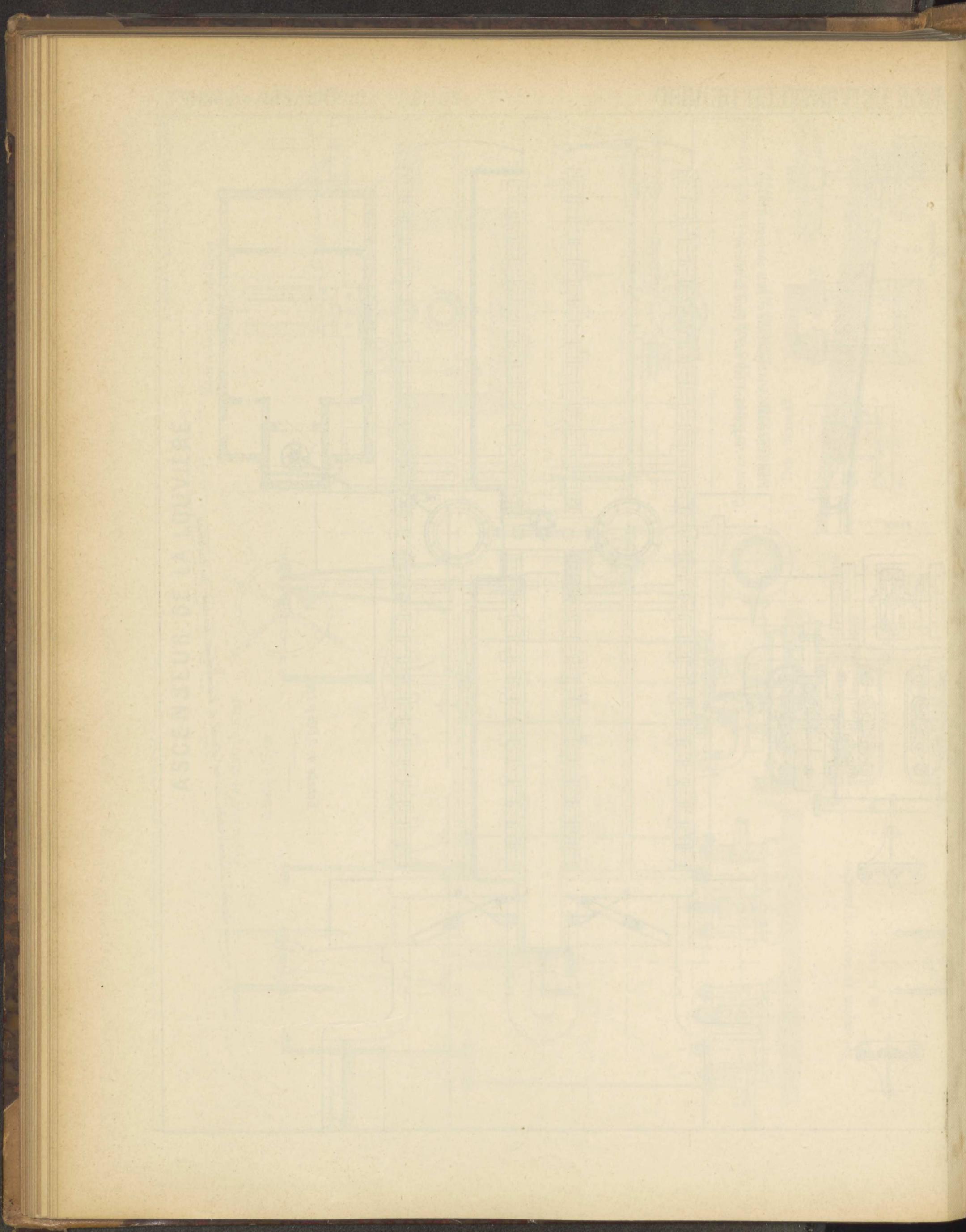
EDITION DE L'ACADEMIE



O

LEON DURET





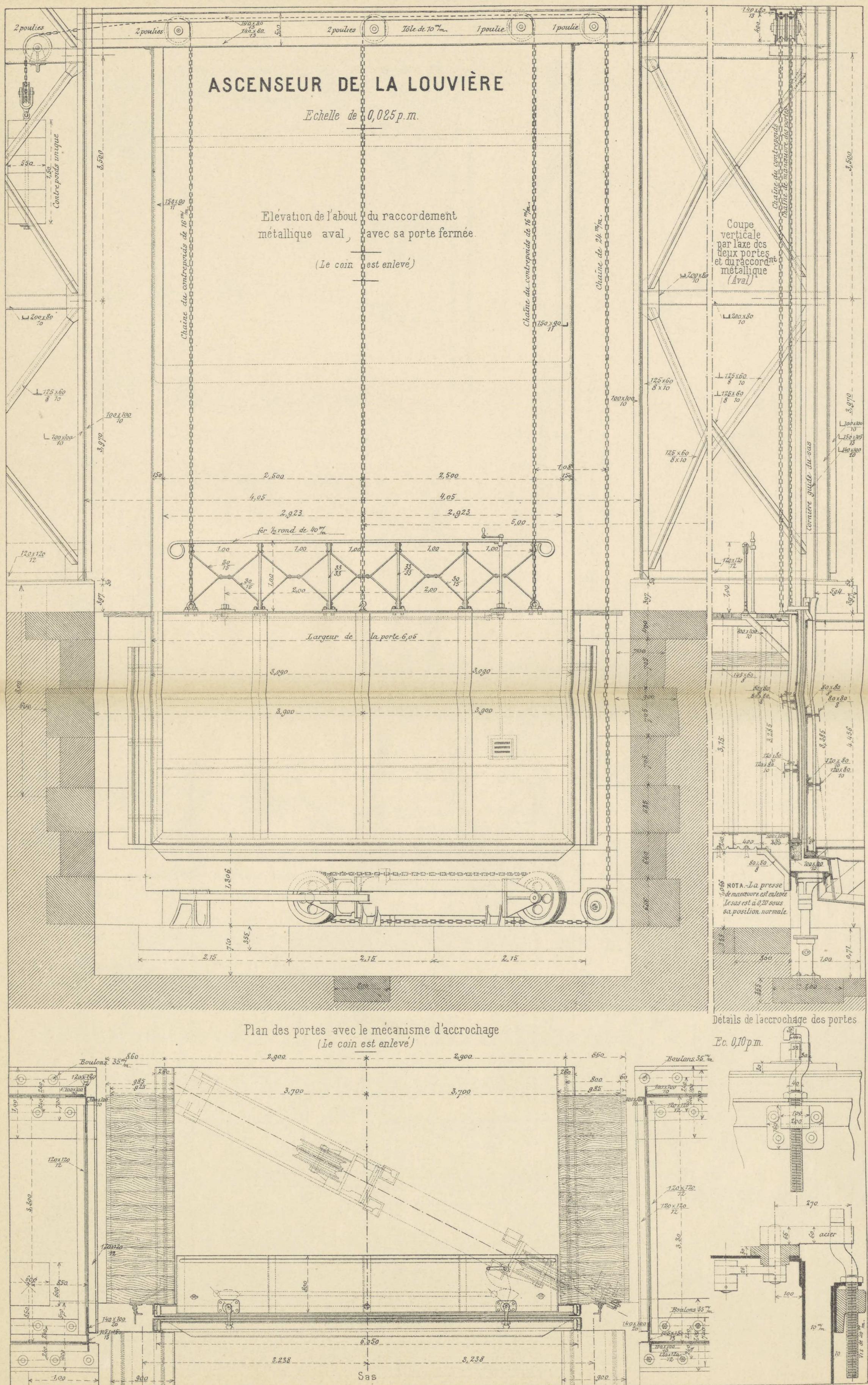
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REVUE TECHNIQUE DE L'EXPOSITION UNIVERSELLE DE 1889

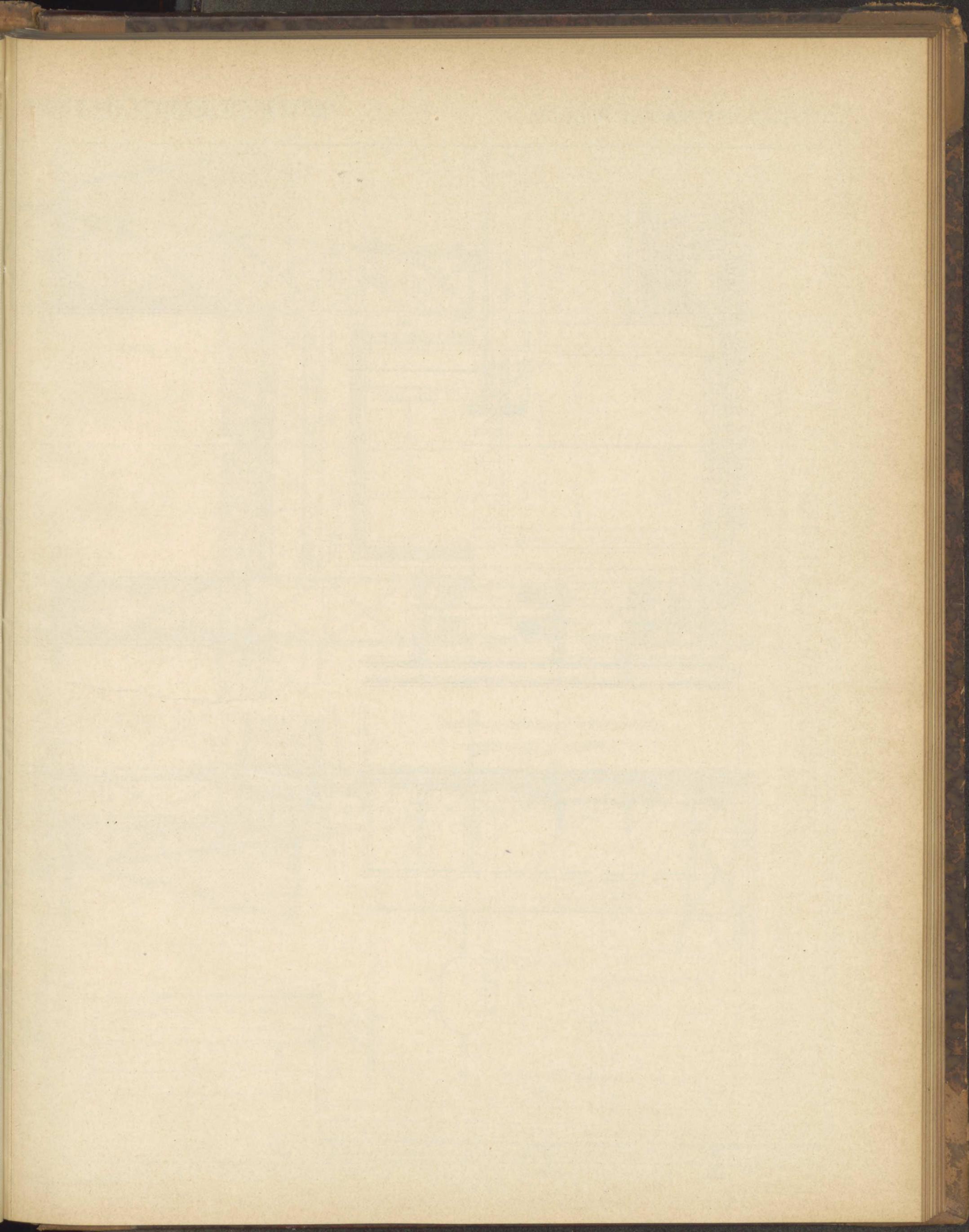
Planches 51-52.

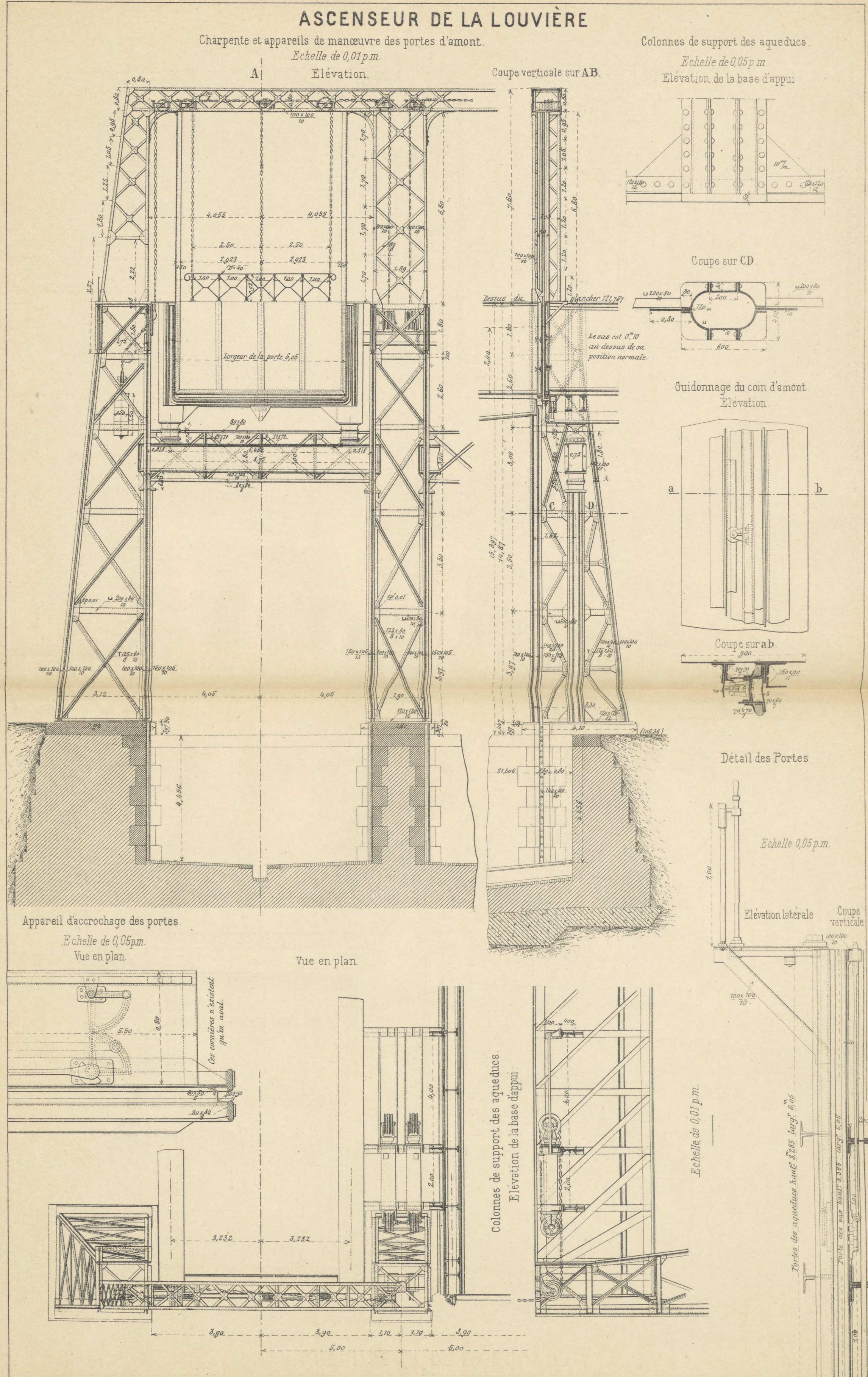


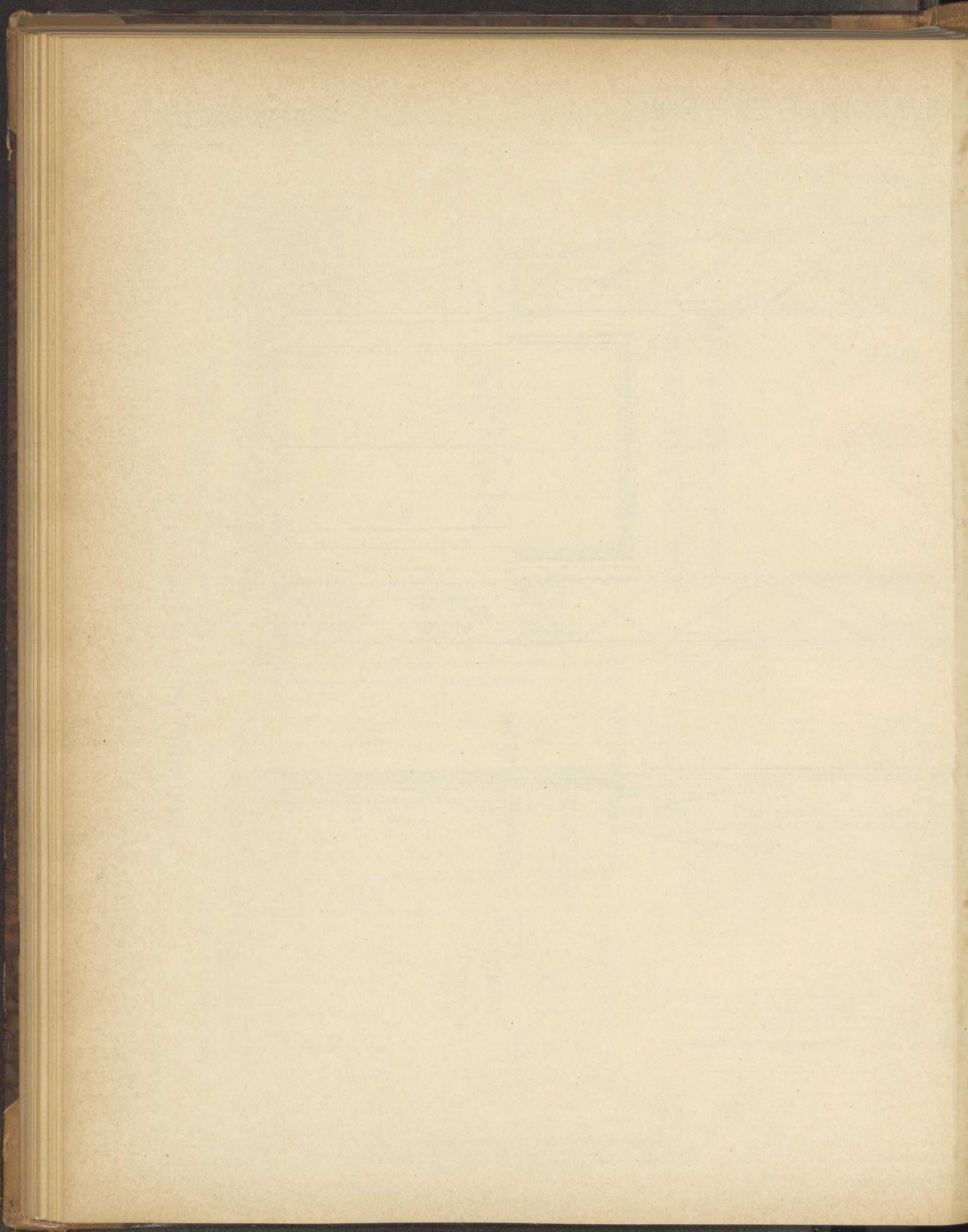
LIBRERIA DE LA FONTE

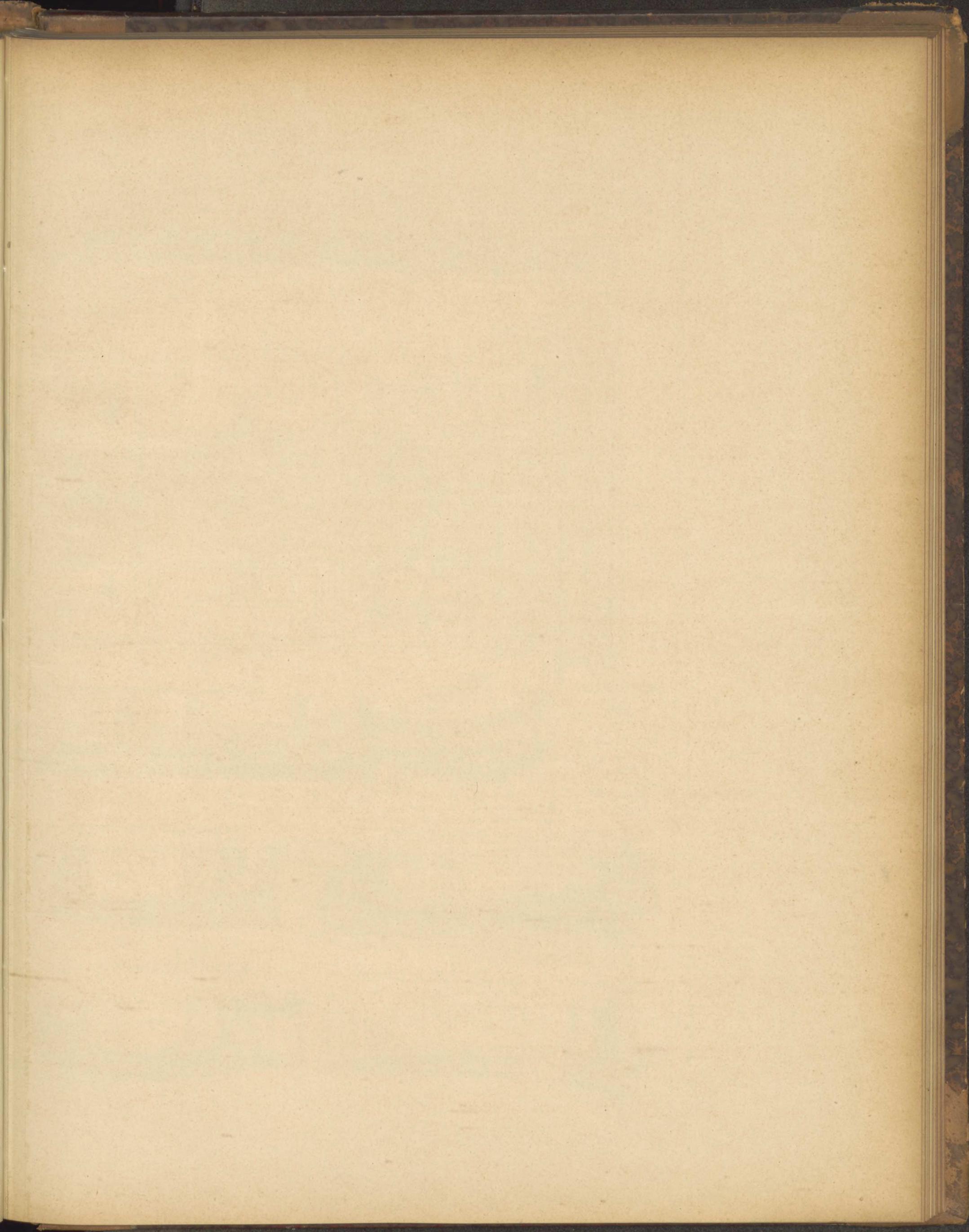
LIBRARIA FONTE

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LIBRARIA FONTE
LIBRARIA FONTE



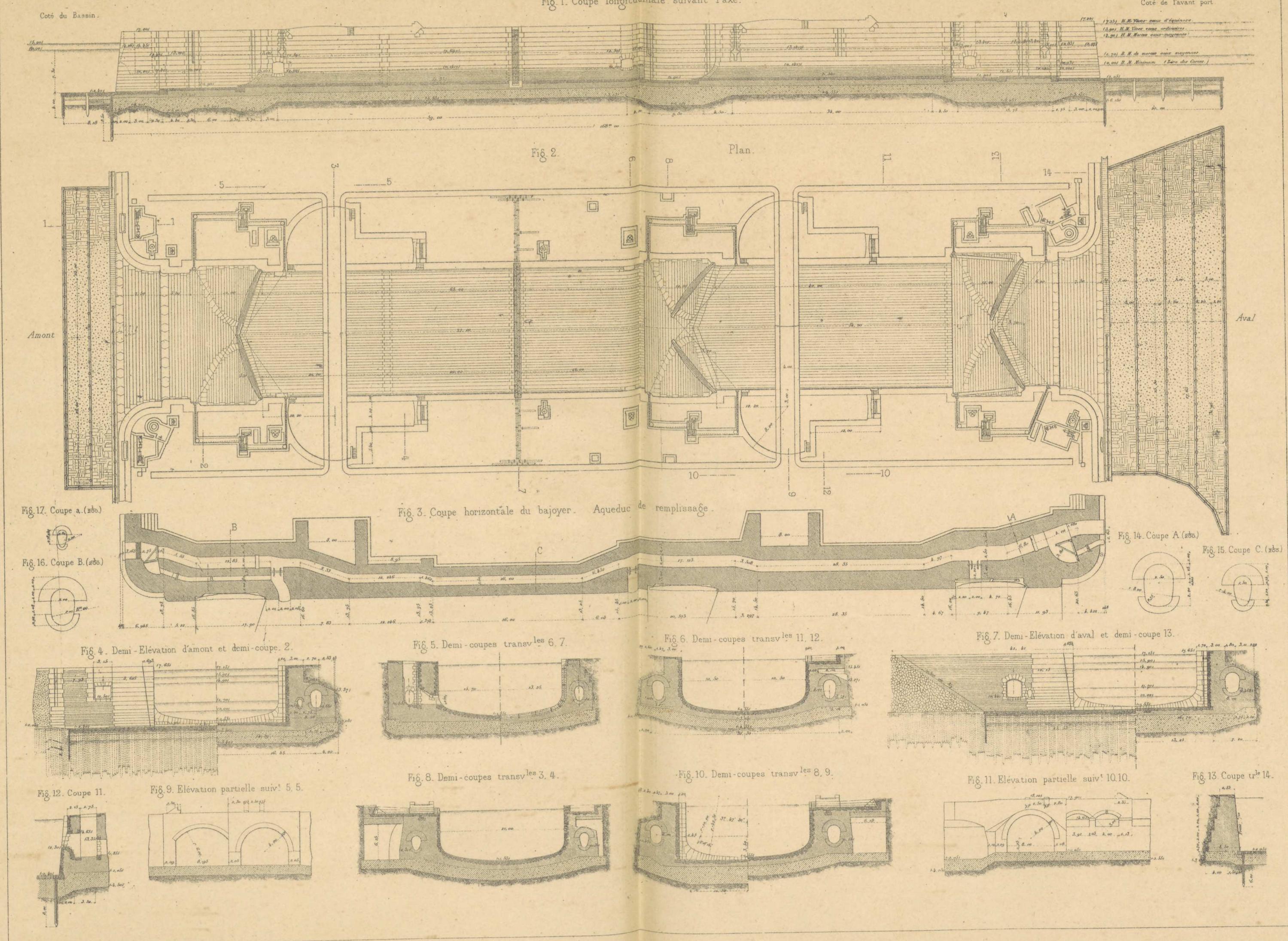


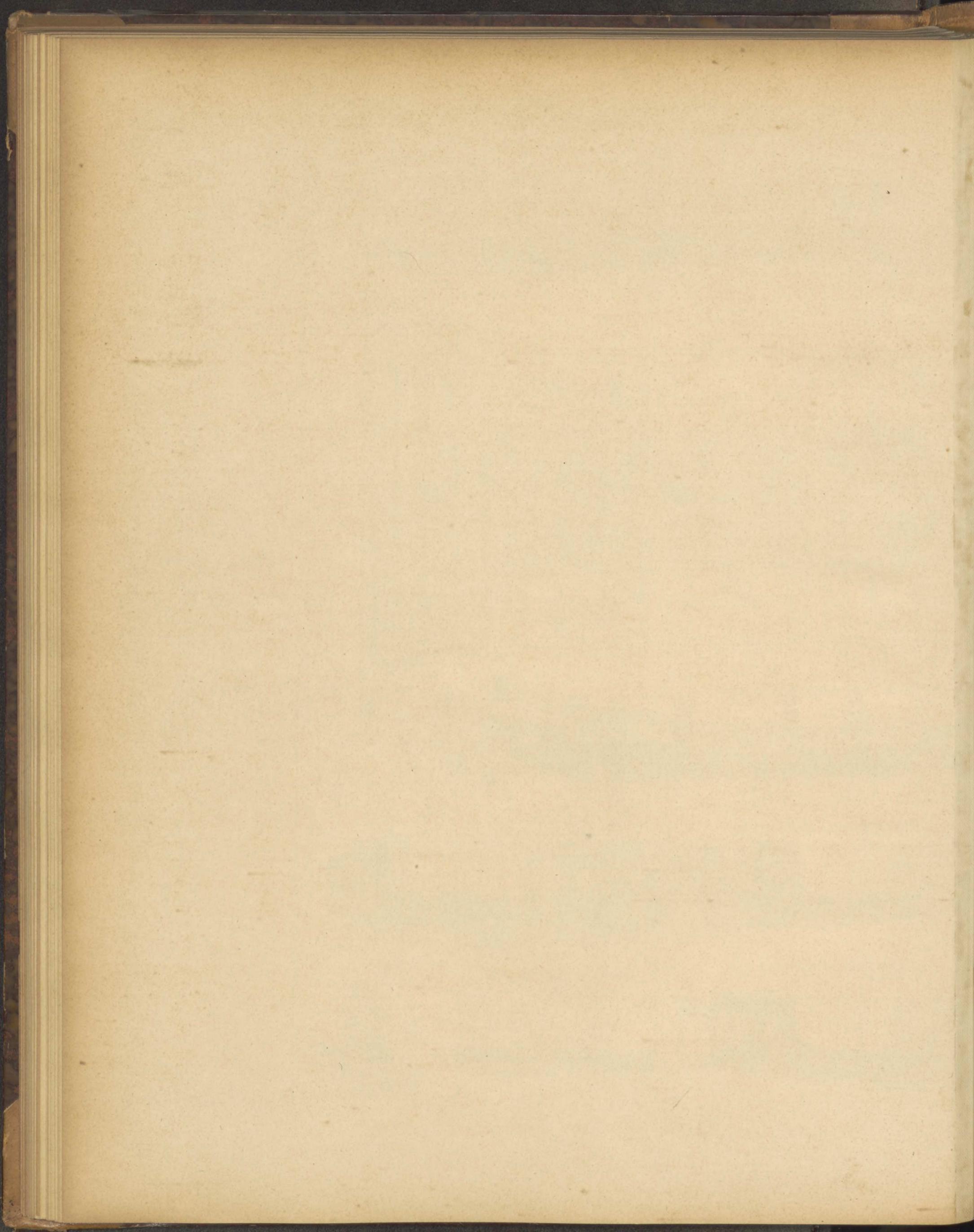


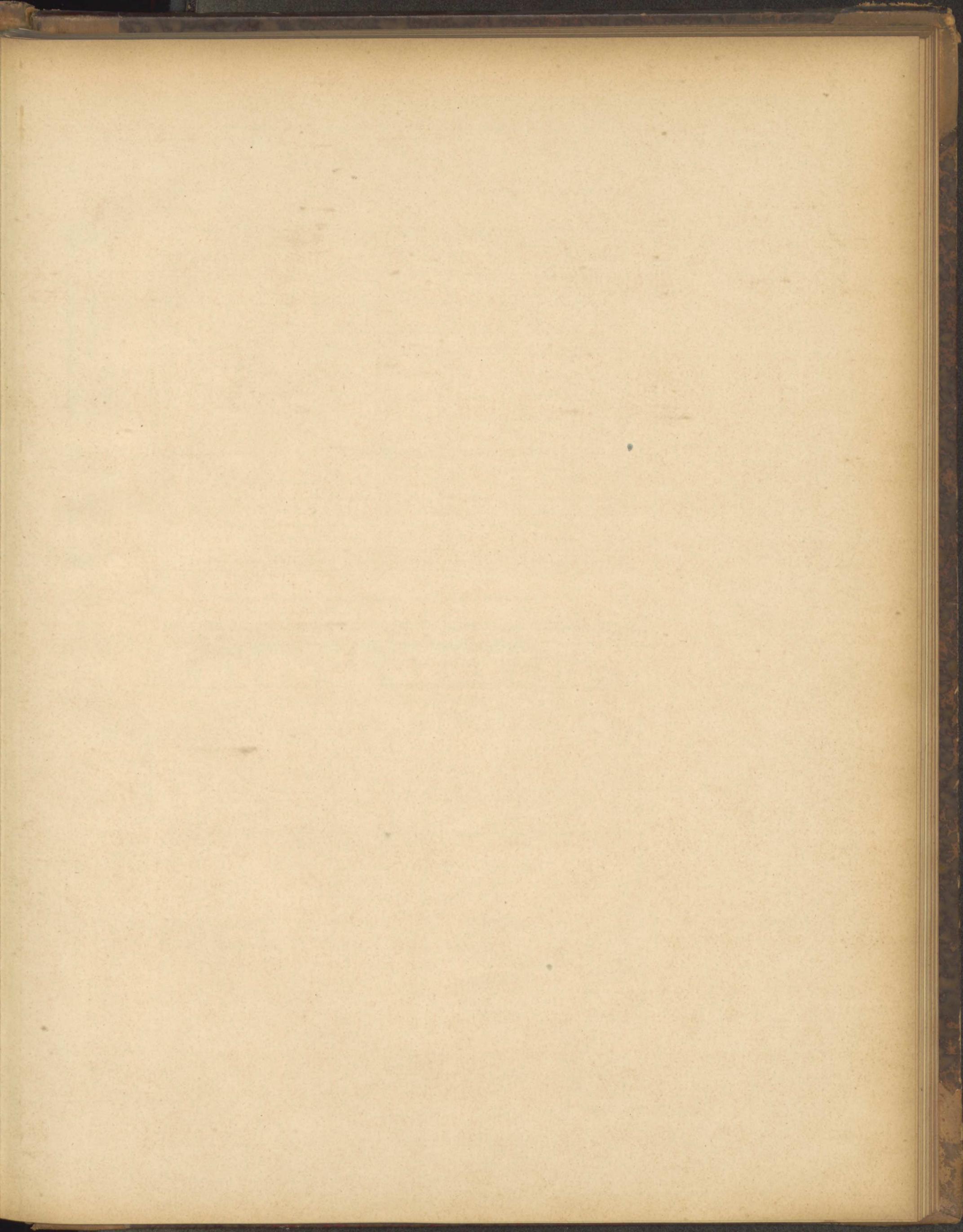


ÉCLUSE À SAS D'ENTRÉE DU BASSIN DE FREYCINET. — PORT DE DUNKERQUE.

Fig. 1. Coupe longitudinale suivant l'axe.







ÉCLUSE À SAS D'ENTRÉE DU BASSIN DE FREYCINET. - PORT DE DUNKERQUE.

Fig. 1. Élevation d'aval de la porte d'éče.

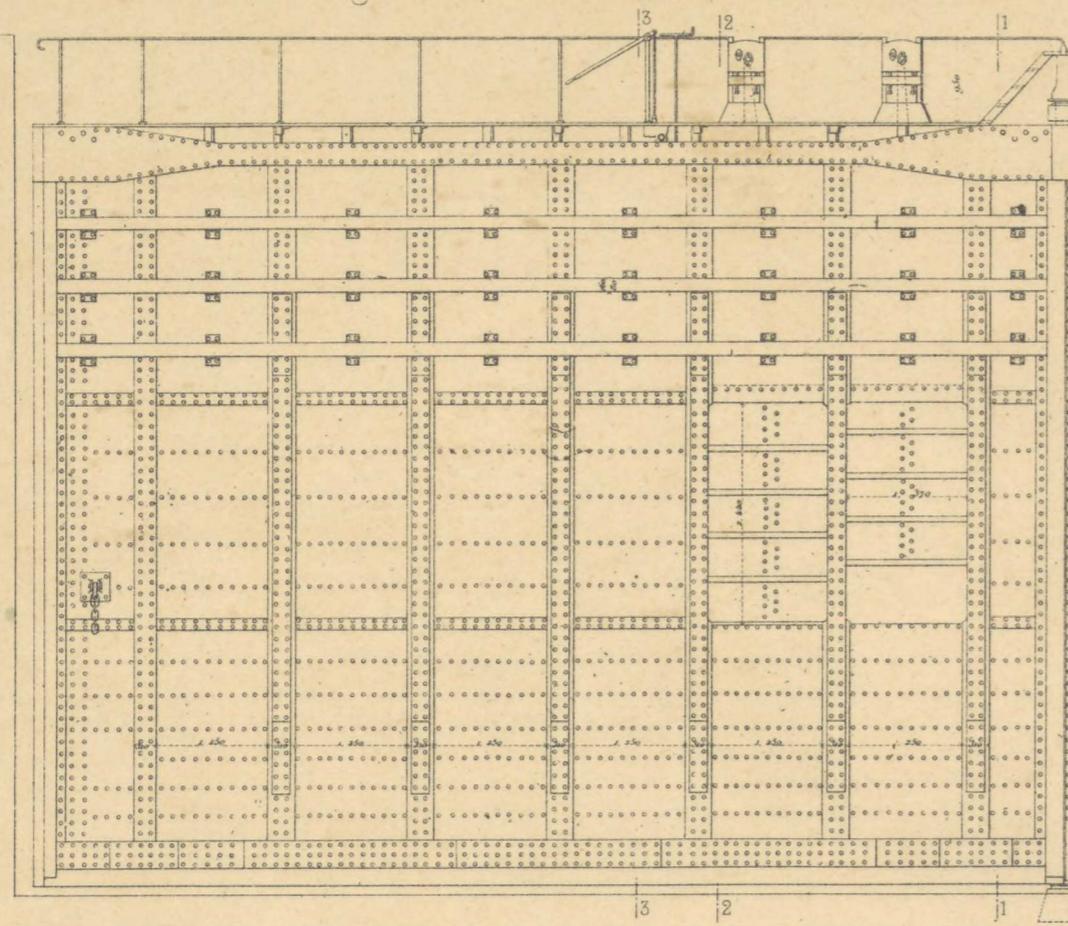


Fig. 3. Coupe 1. Fig. 4. Coupe 2. Fig. 5. Coupe 3.

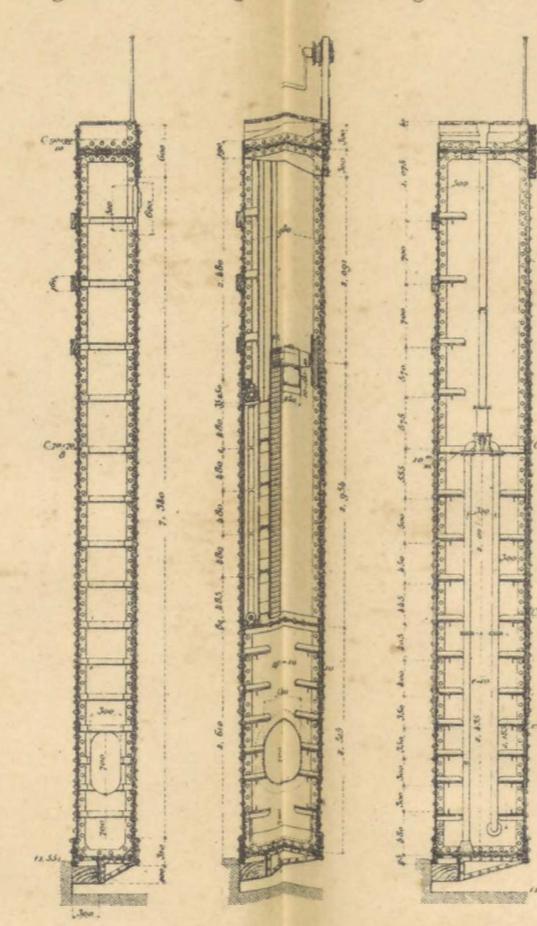


Fig. 2. Élevation d'amont de la porte d'éče.

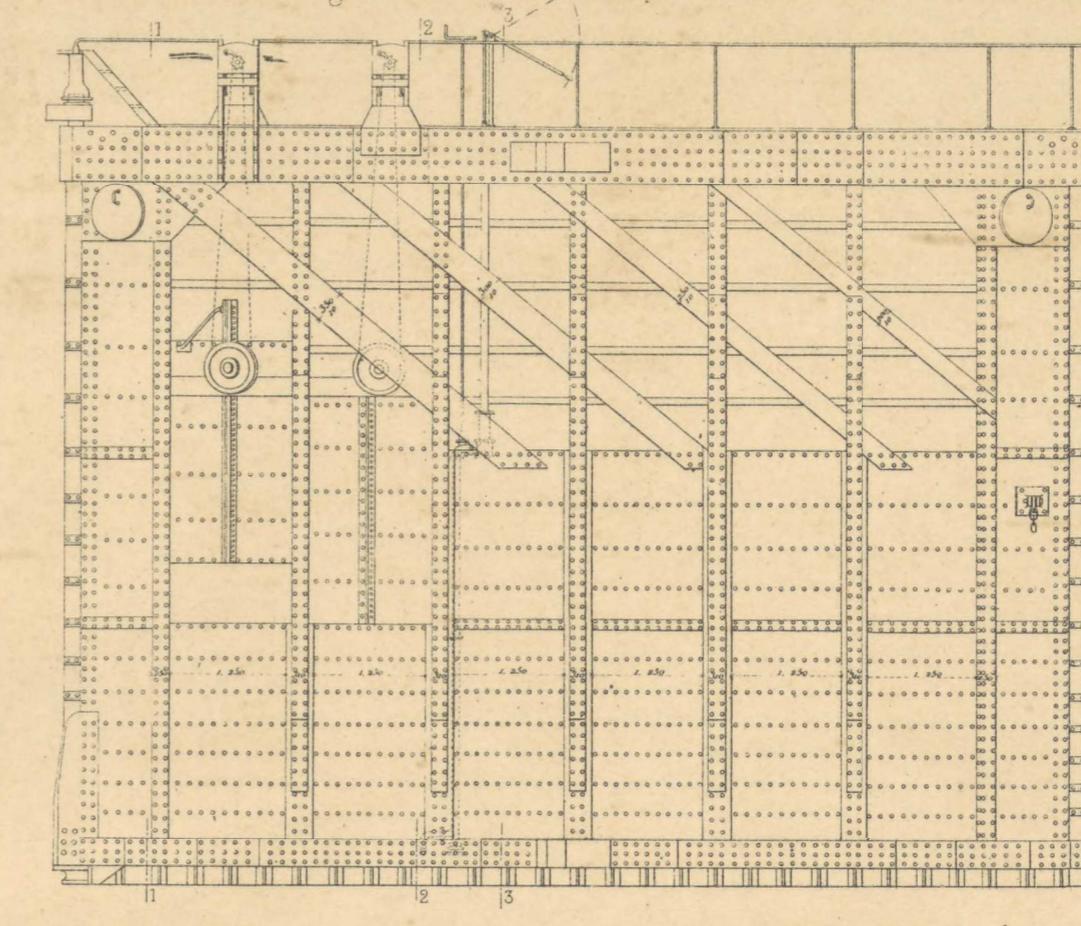


Fig. 6. Plan de la porte d'éče et de la porte valet, la passerelle enlevée.

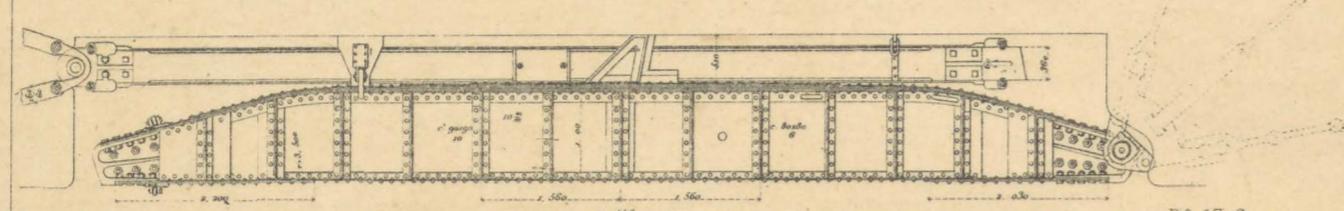
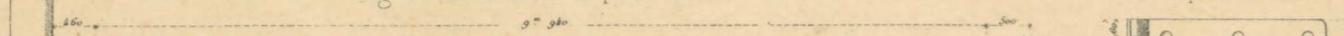


Fig. 10. Élevation de la porte valet.



Détails du tourillon.

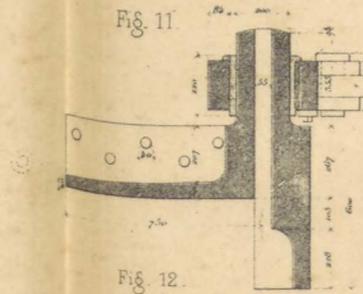


Fig. 7. Coupes horizontales à diverses hauteurs.

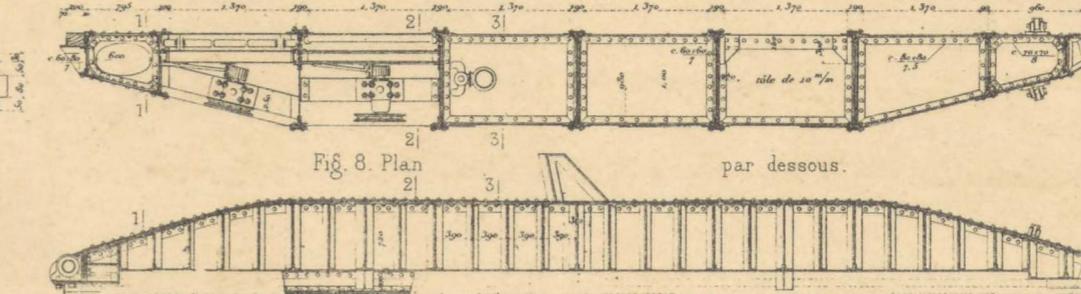
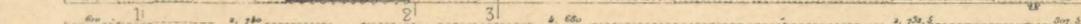


Fig. 12.



par dessous.

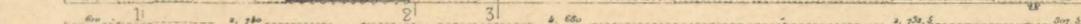
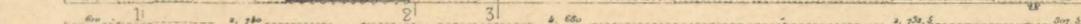


Fig. 9. Coupe verticale suivant l'axe du tourillon.



Poulies de renvoi des chaînes de manœuvre des portes.

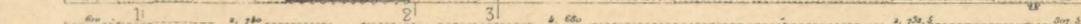


Fig. 22. Coupe de la poulie horizontale.

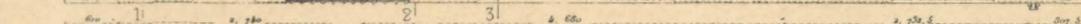


Fig. 24. Poulie de bajoyer de la chaîne de fermeture.

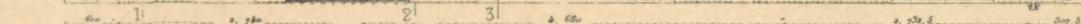


Fig. 26. Coupe 27. le réa enlevé.

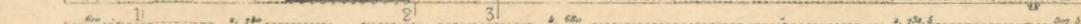


Fig. 27. Poulie verticale fixée sur l'arête du bajoyer.

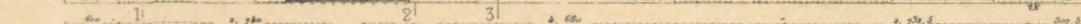


Fig. 28. Coupe 88.

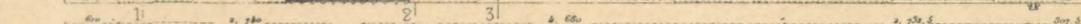


Fig. 29. Vue de face.

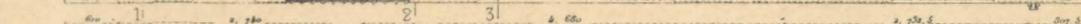


Fig. 25. Coupe horizontale suivant 6.6.

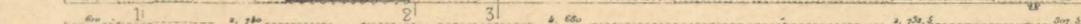


Fig. 26. Coupe 88.

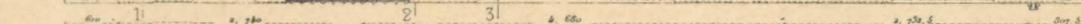


Fig. 27. Poulie verticale fixée sur l'arête du bajoyer.

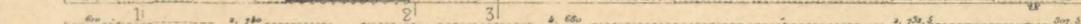


Fig. 28. Coupe 88.

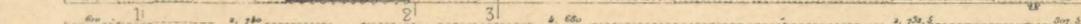


Fig. 29. Vue de face.

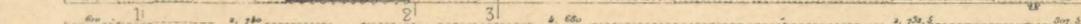


Fig. 26. Coupe 88.

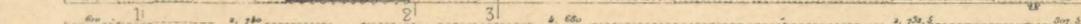


Fig. 27. Poulie verticale fixée sur l'arête du bajoyer.

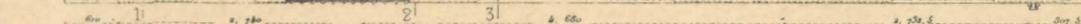


Fig. 28. Coupe 88.

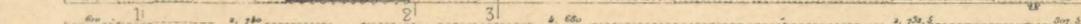
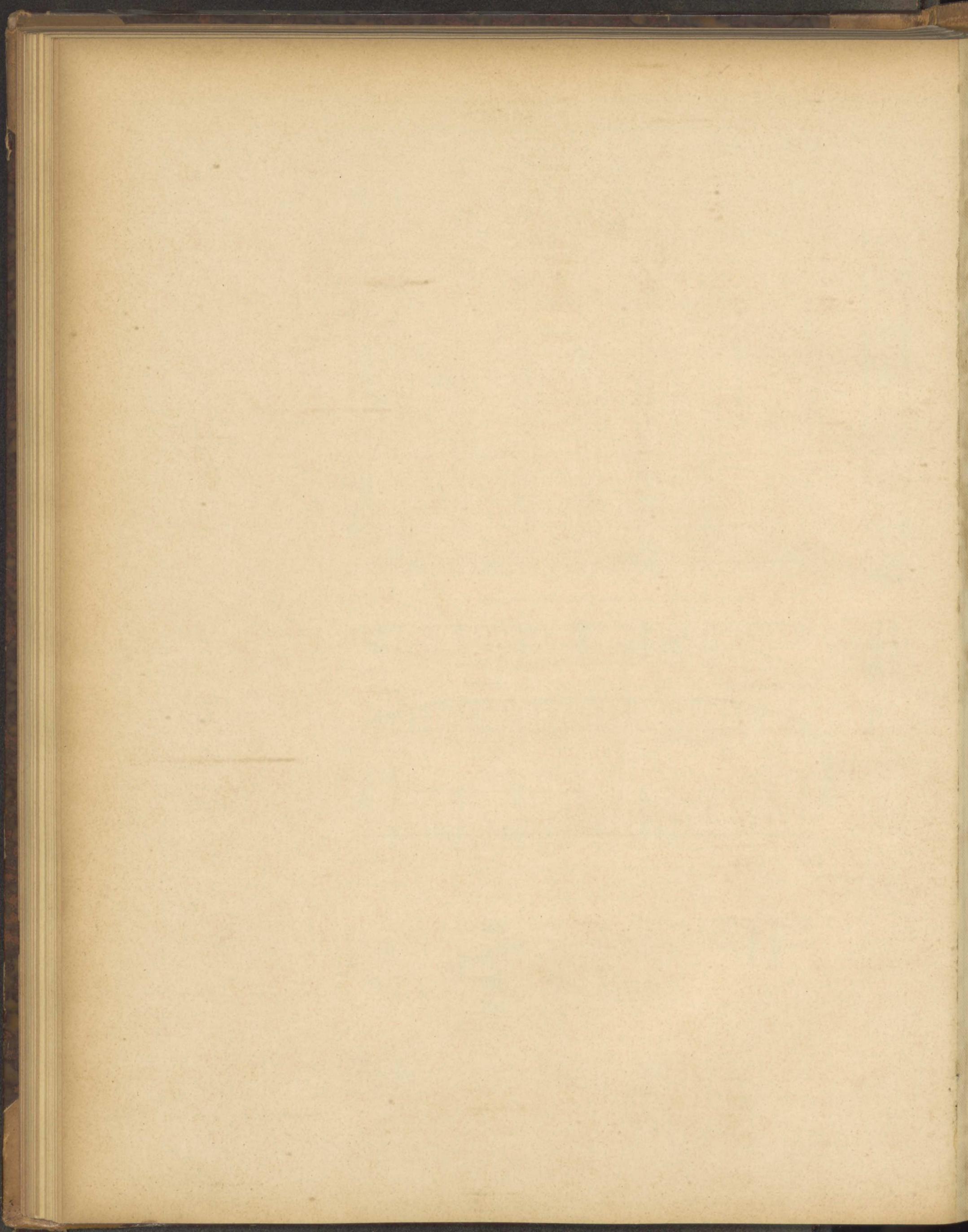
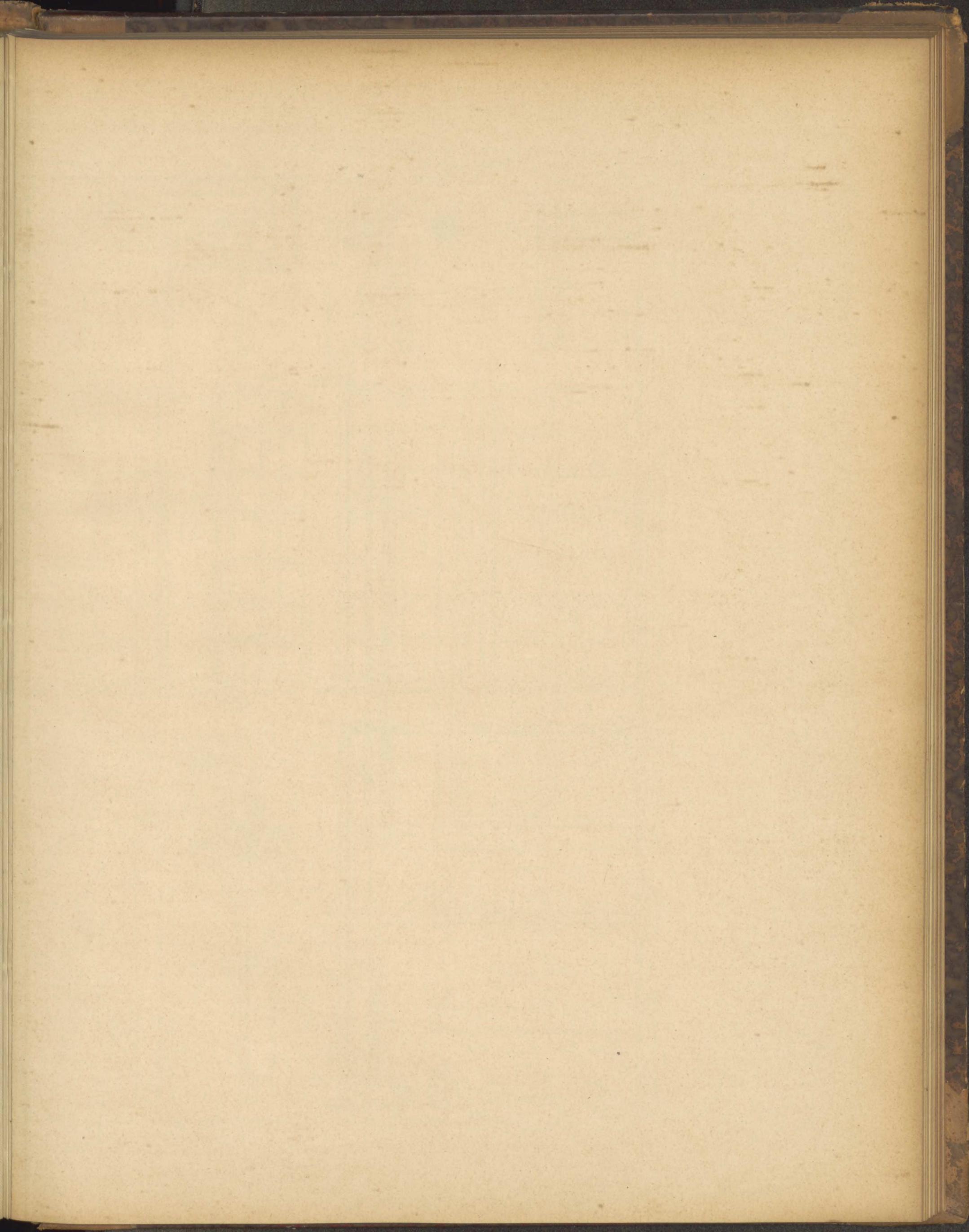
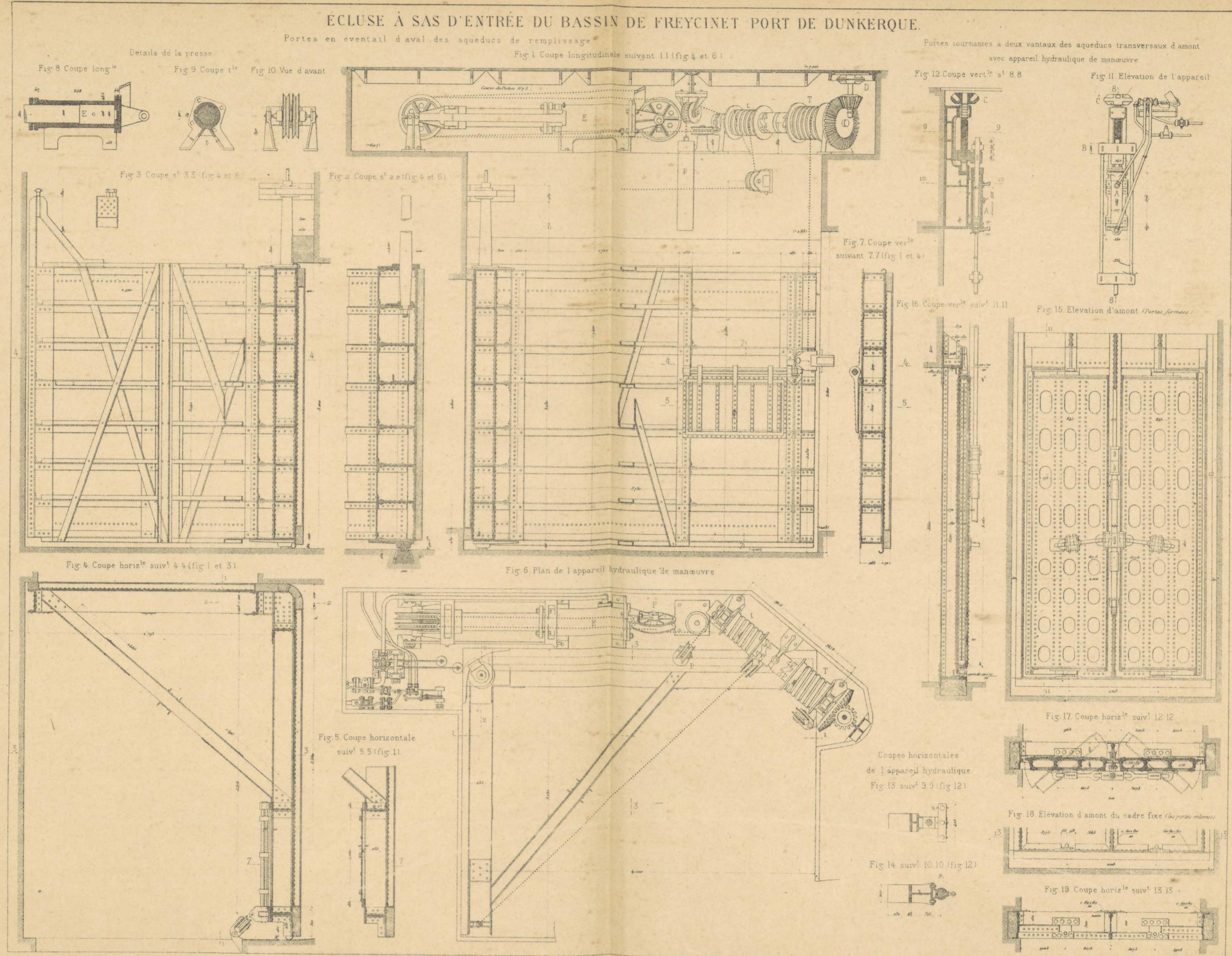
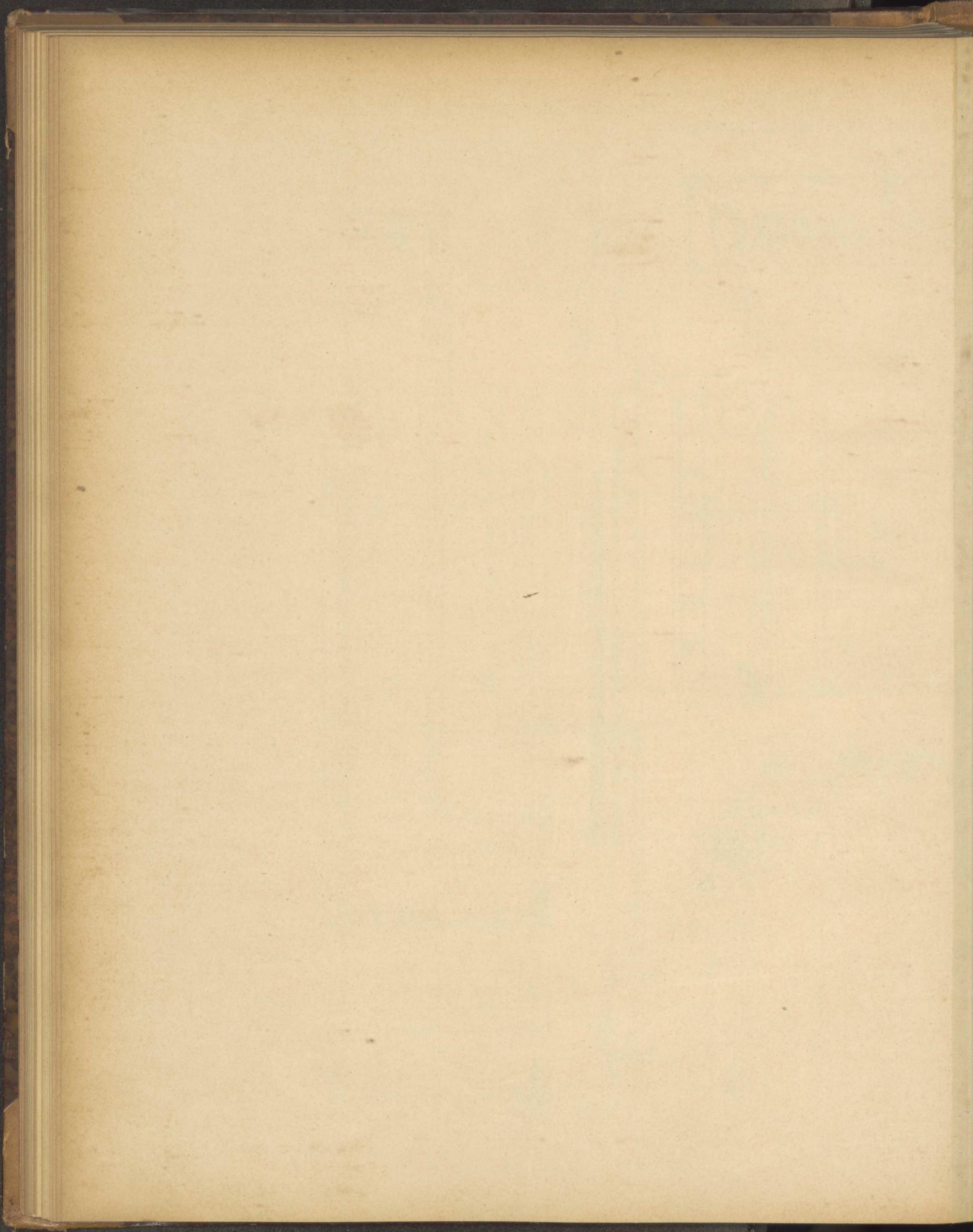


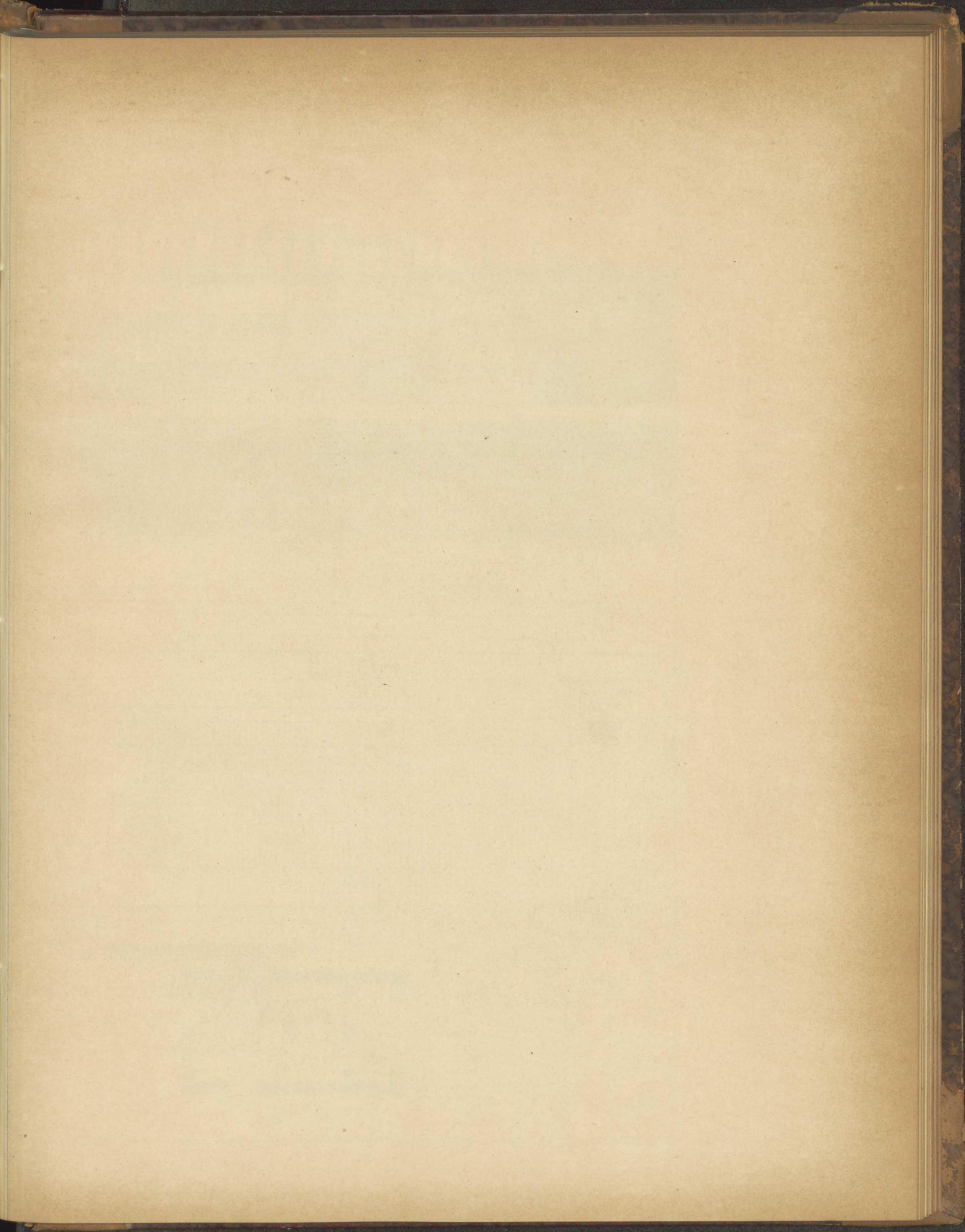
Fig. 29. Vue de face.











PONT ROULANT DE L'ECLUSE DU BASSIN À FLOT DE S^T MALO.

avec appareils hydrauliques de manœuvre.

Fig. 1. Elevation.

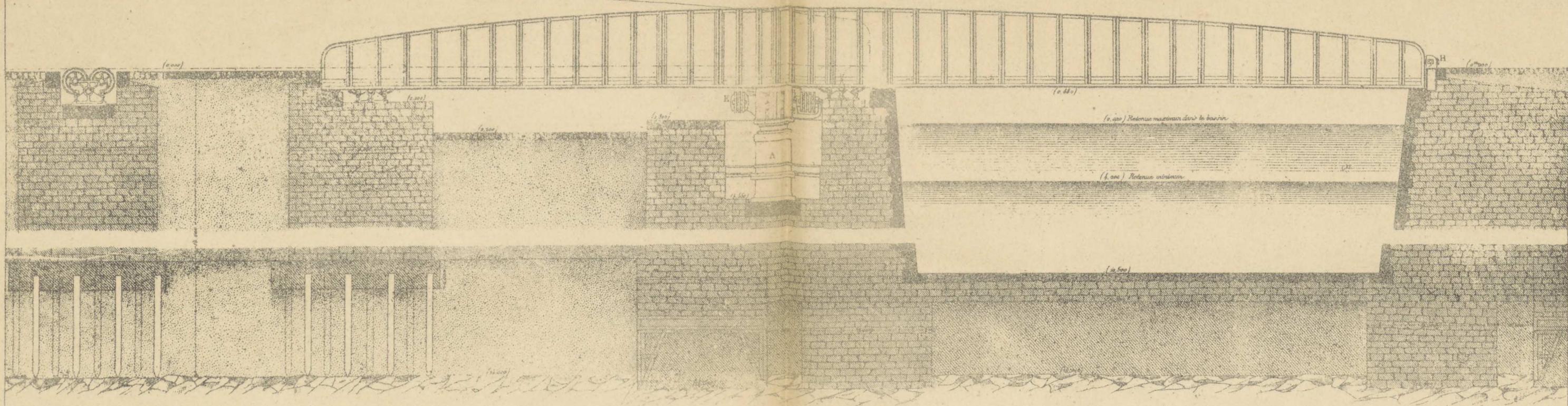
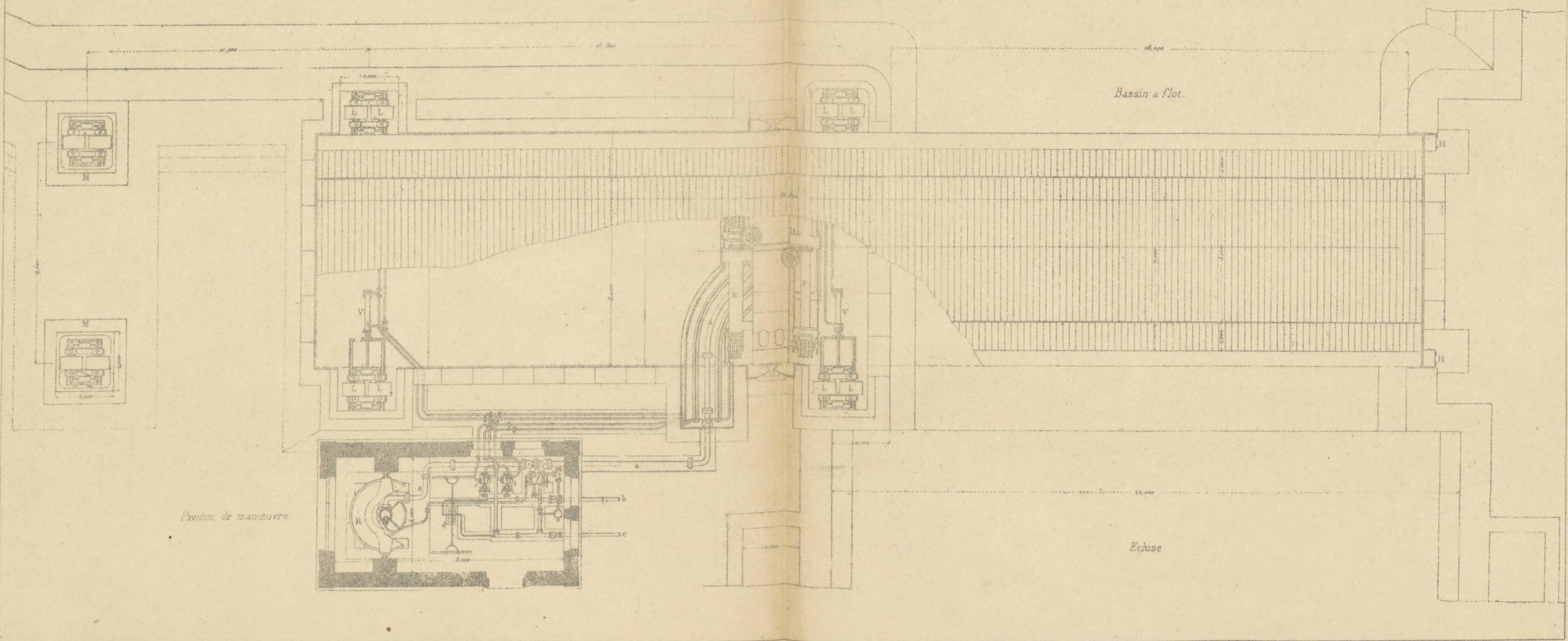
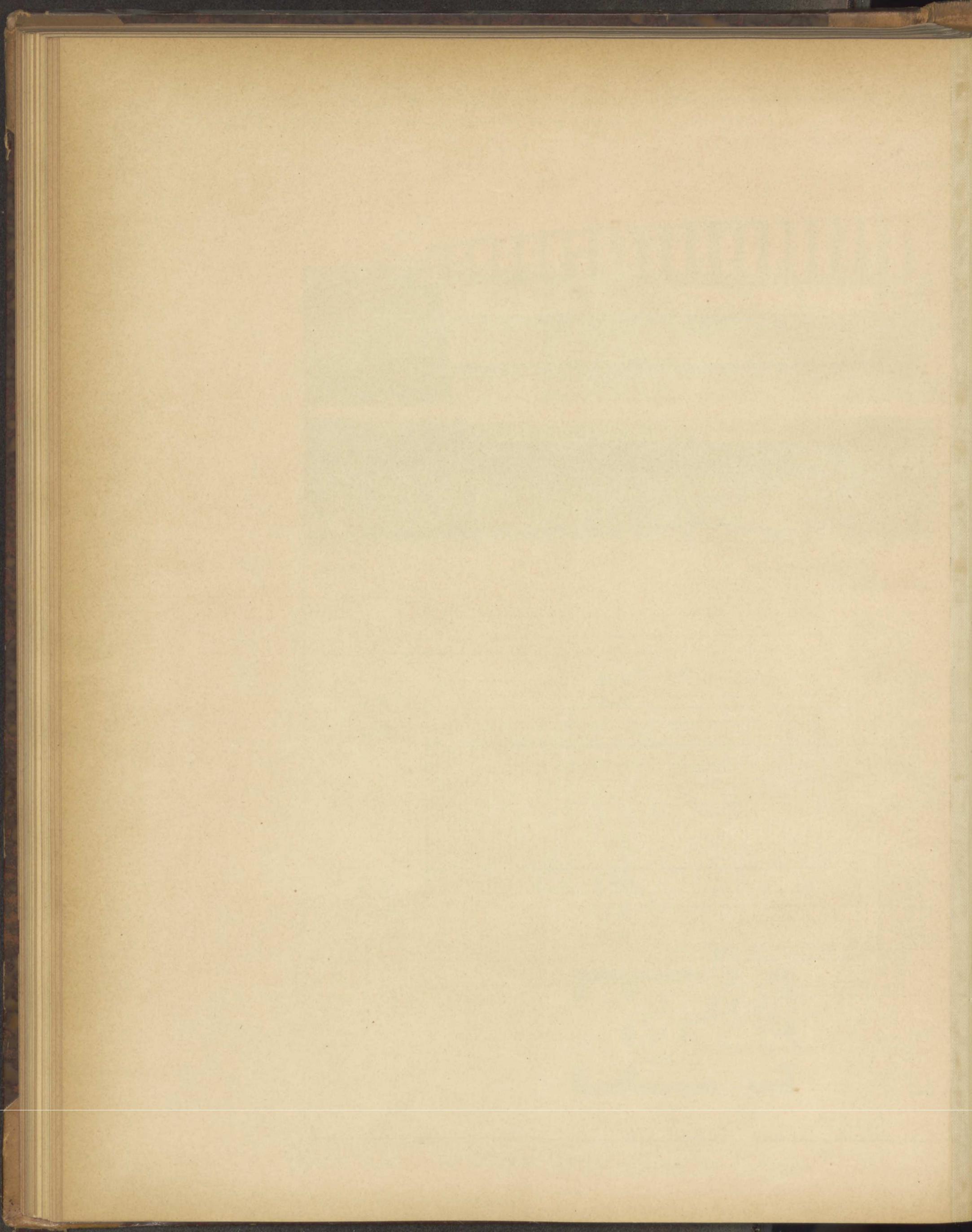
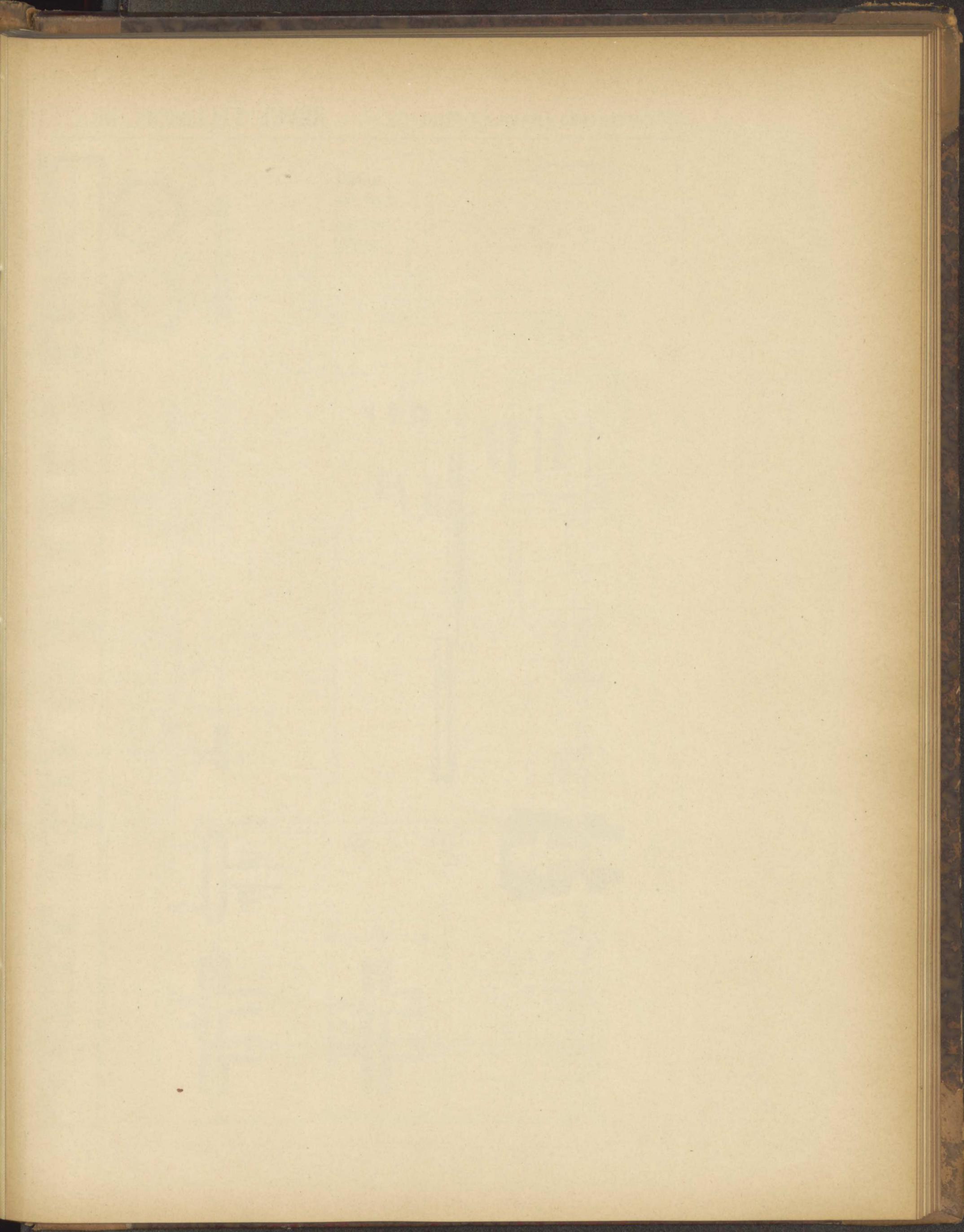


Fig. 2. Plan avec arrachement montrant les appareils de manœuvre.

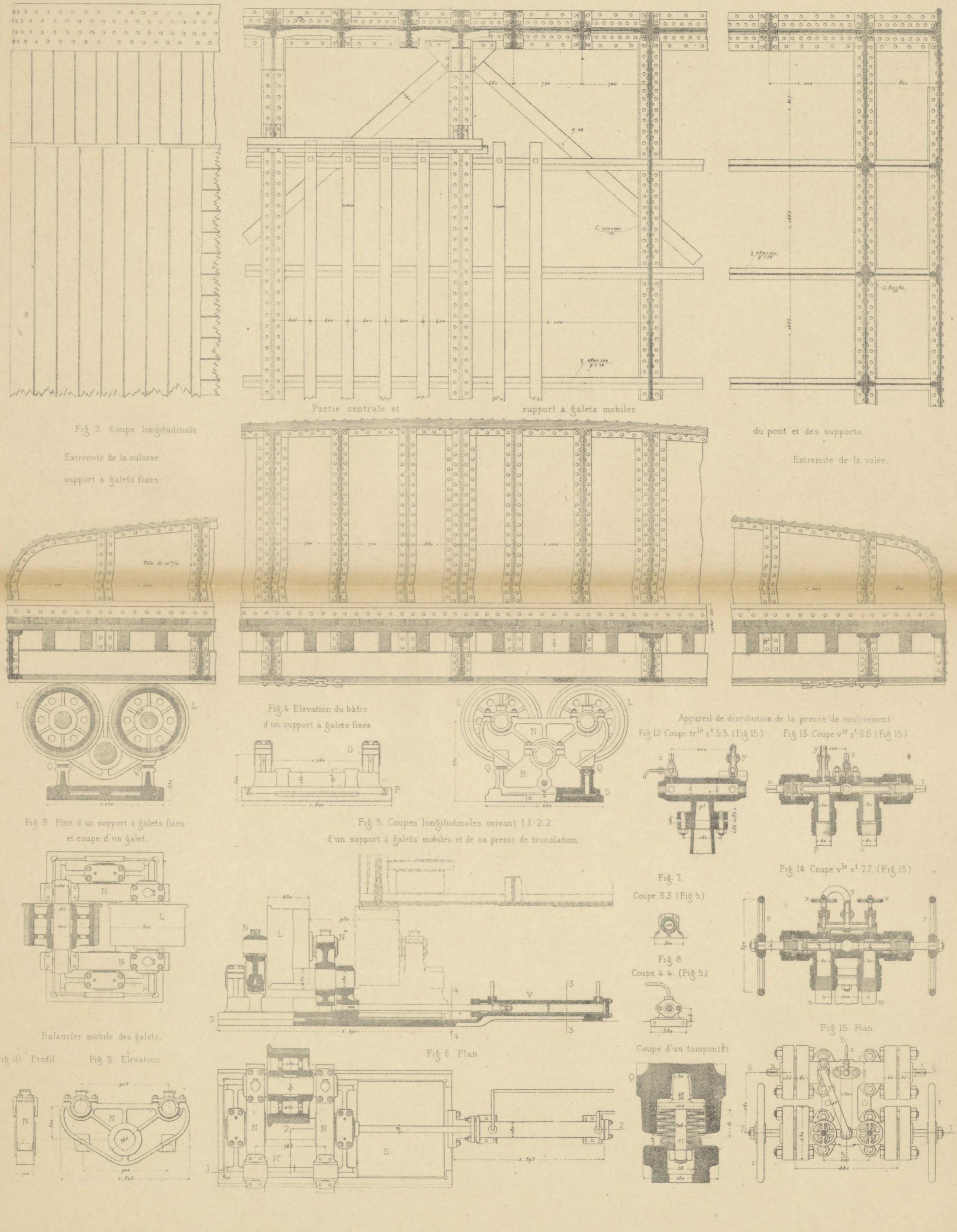


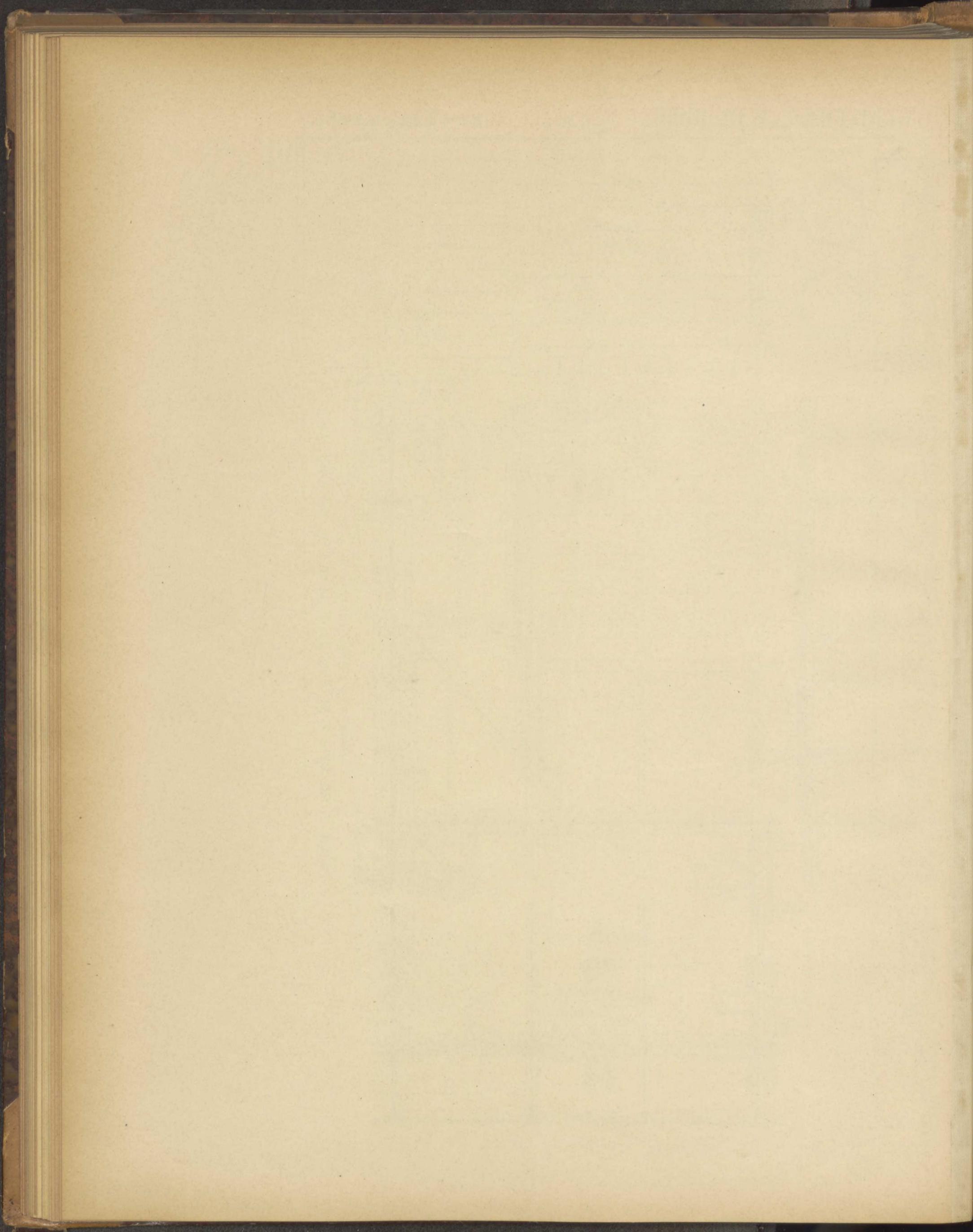


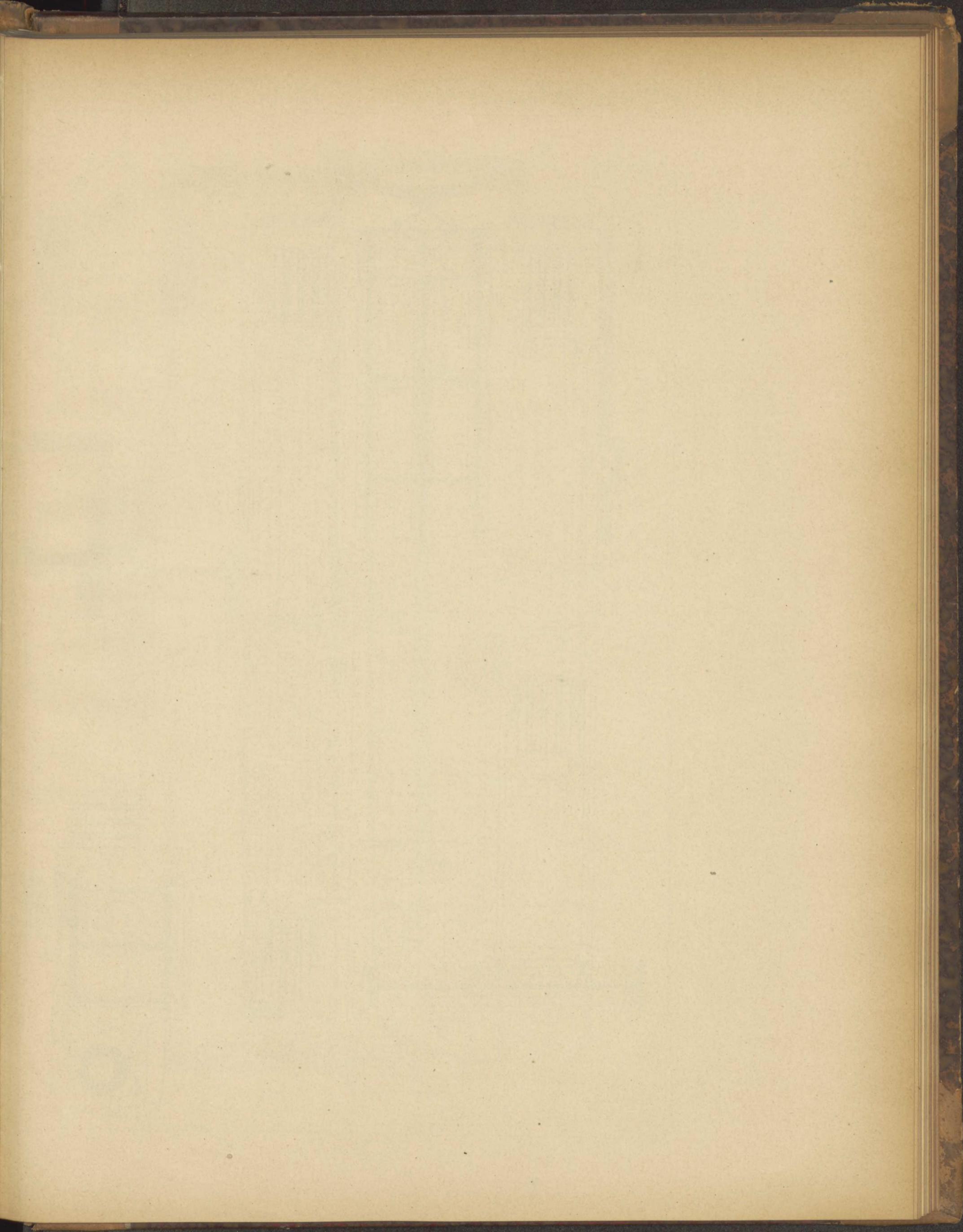


PONT ROULANT DE L'ÉCLUSE DU BASSIN À FLOT DE ST MALO.

avec appareils hydrauliques de manœuvre.







PONT ROULANT DE L'ÉCLUSE DU BASSIN À FLOT DE ST MALO.

avec appareils hydrauliques de manœuvre.

Fig. 1 Coupe transv^{te} au milieu du pont.

Elevation du chevêtre et d'une des deux presses de translation

Demi-coupe et demi-élévation de la presse de soulèvement

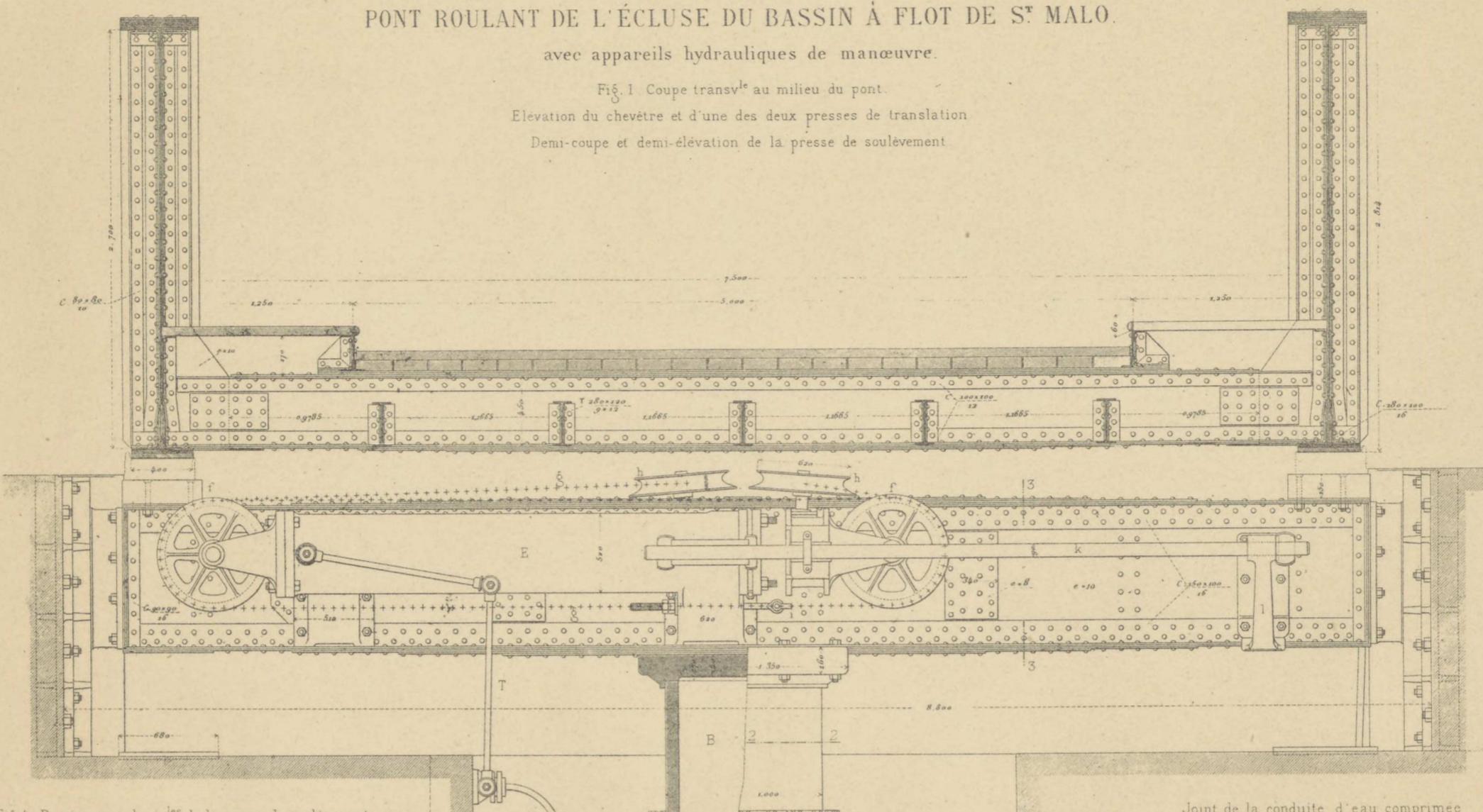


Fig. 4 Demi-coupes horizontales de la presse de soulèvement.
suivant 1.1. 2.2 (Fig. 1)

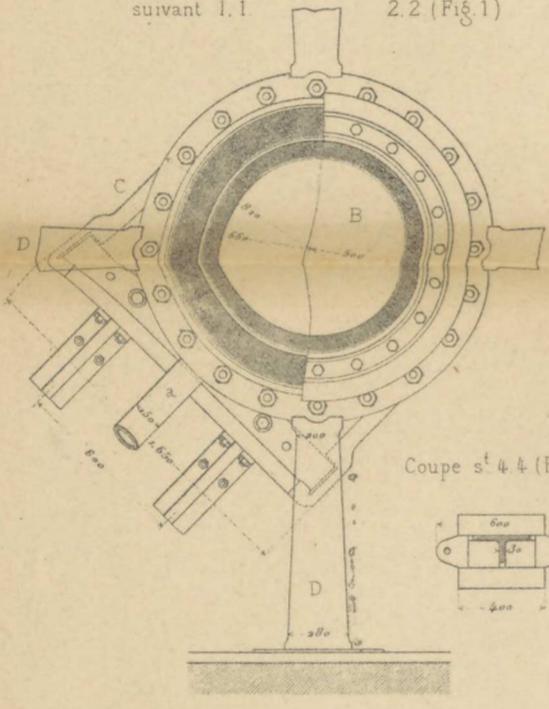
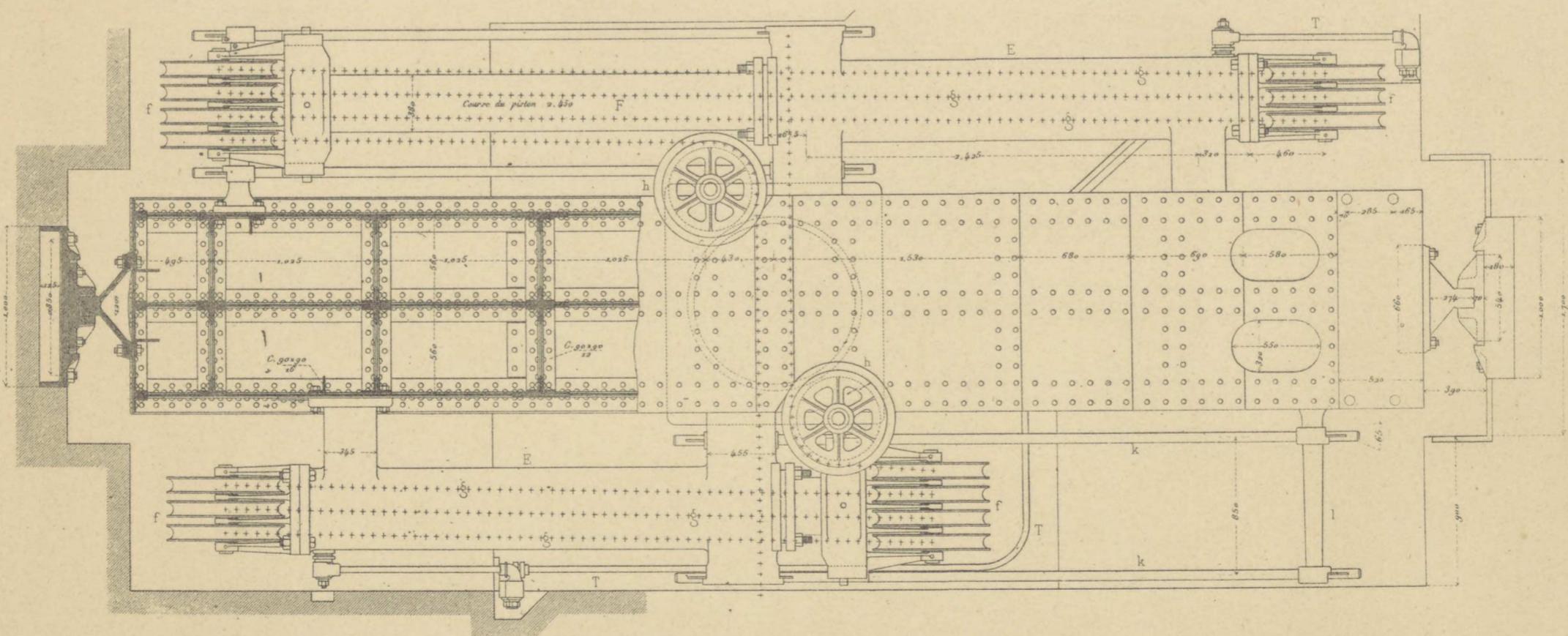


Fig. 2 Coupe horizontale et plan du chevêtre avec les presses de translation



Joint de la conduite d'eau comprimée
avec la presse de soulèvement

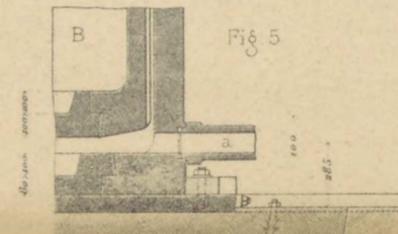
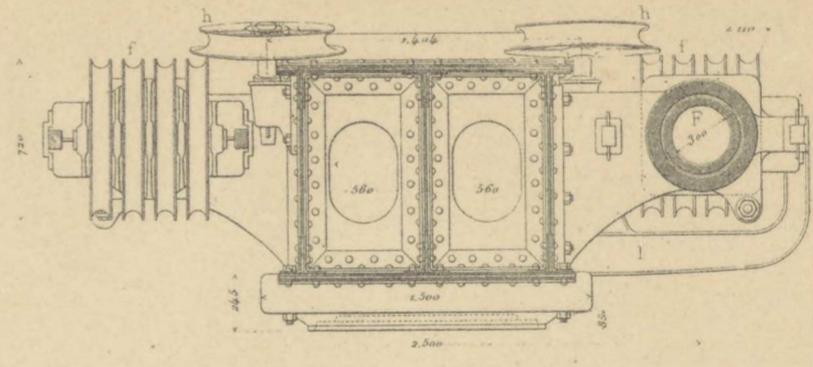
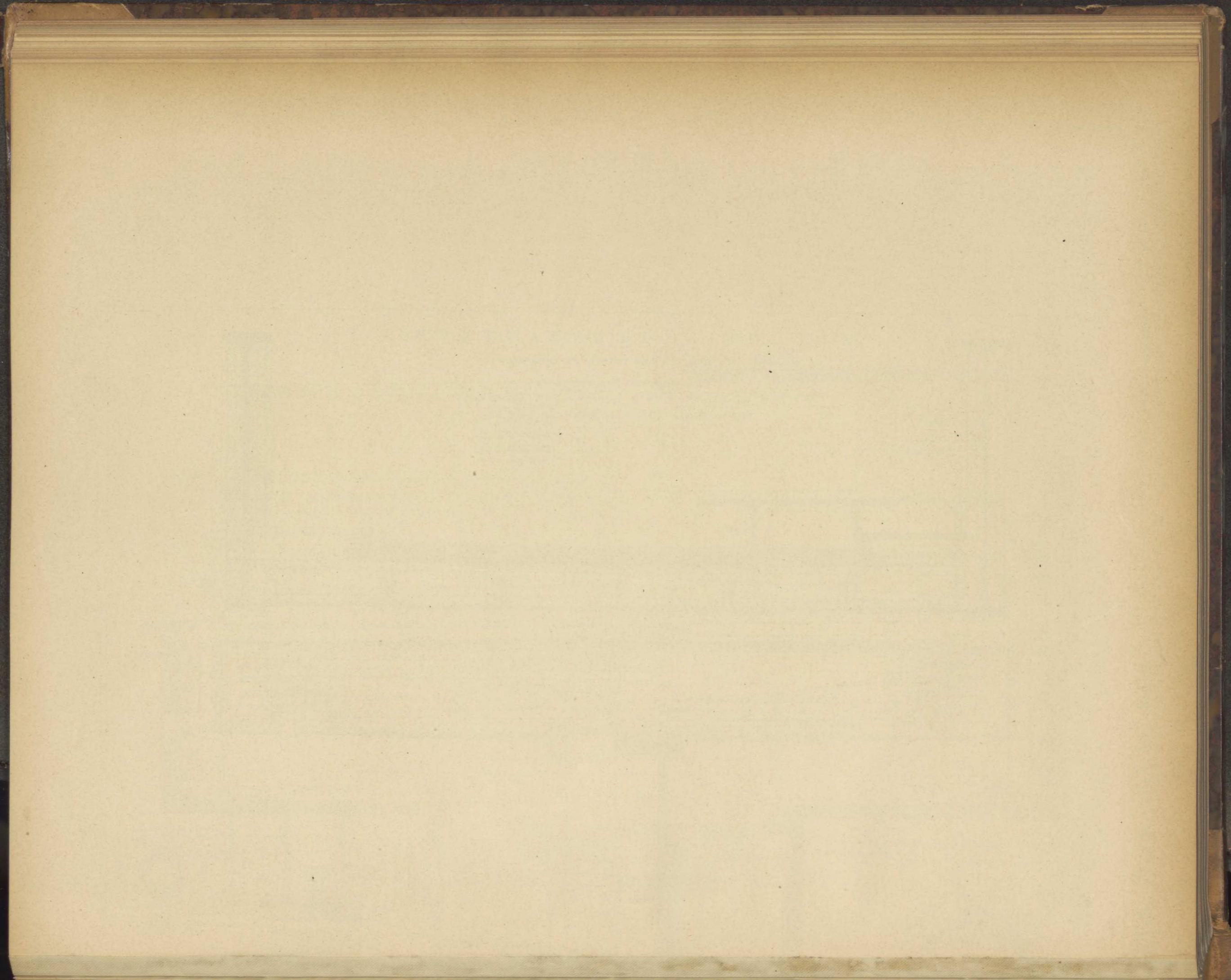
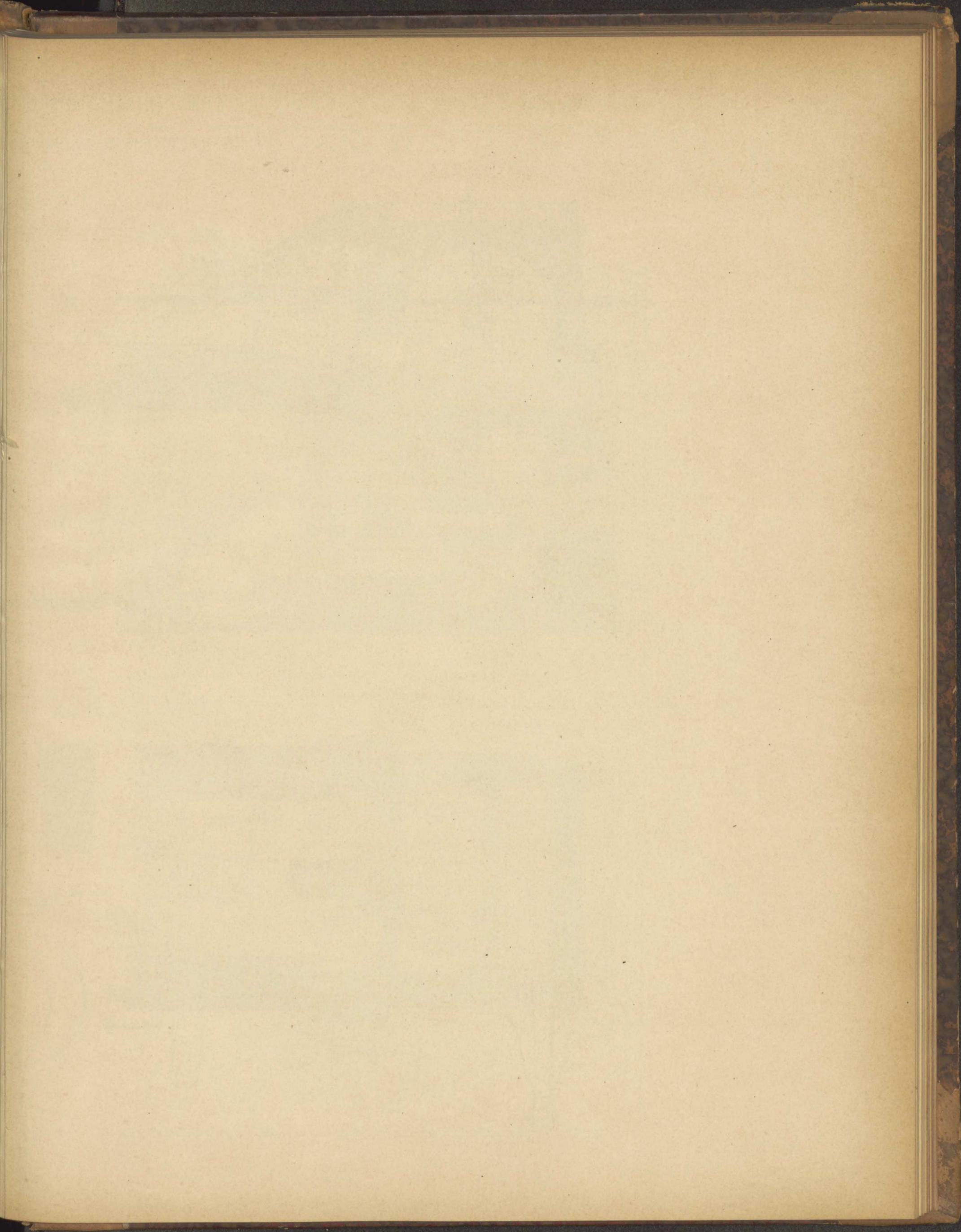


Fig. 6

Fig. 3 Coupe transv^{te} suiv 3.3 (Fig. 1)







SIPHONS DÉVERSOIRS DU BASSIN DE ST CHRISTOPHE. CANAL DE MARSEILLE

Fig. 1 Coupes verticales dans trois plans différents montrant l'ensemble des appareils

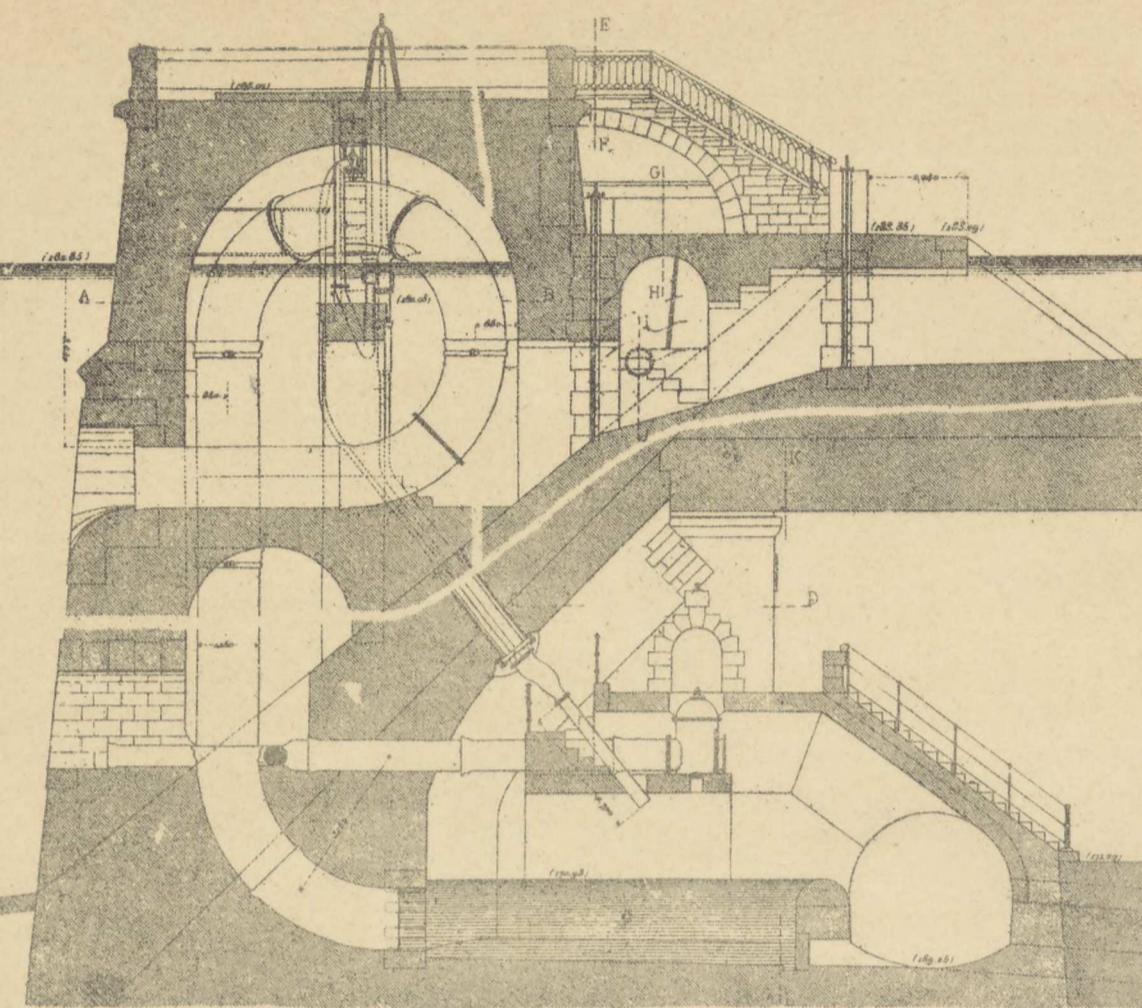


Fig. 3 Façade du pavillon des siphons

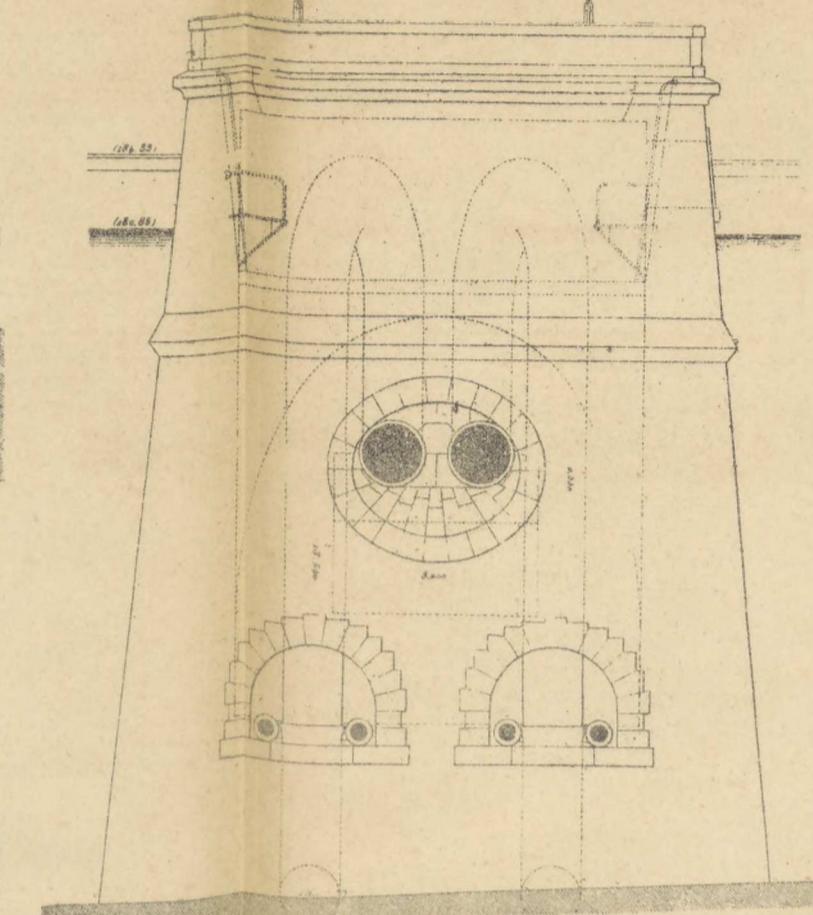


Fig. 4 Coupes transversales suivant EF GH IJ KL

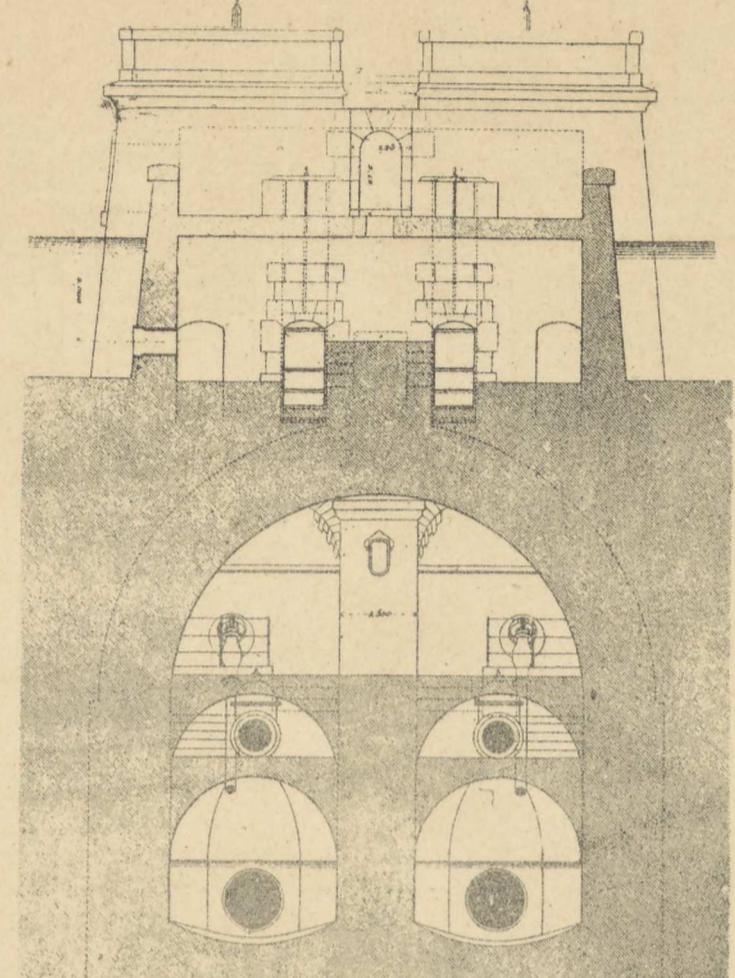
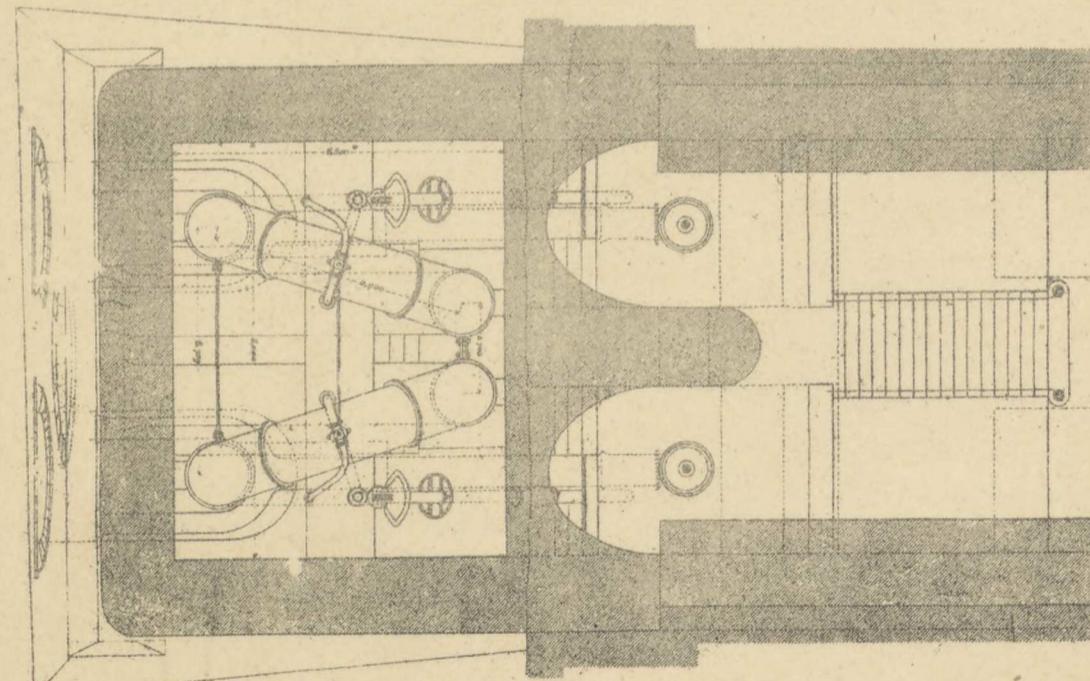


Fig. 2 Coupes horizontales suivant AB CD



Amorceurs et Désamorceurs automatiques des siphons

Fig. 5 Coupe tranchante d'un siphon par l'axe du robinet réglant son désamorceur

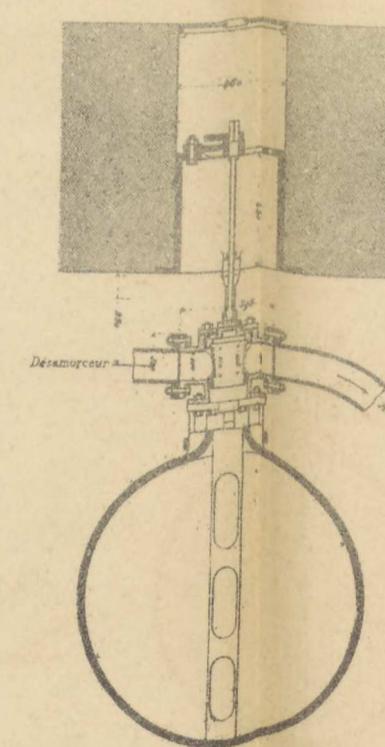


Fig. 6 Têtes jumelées d'un amorceur et d'un désamorceur

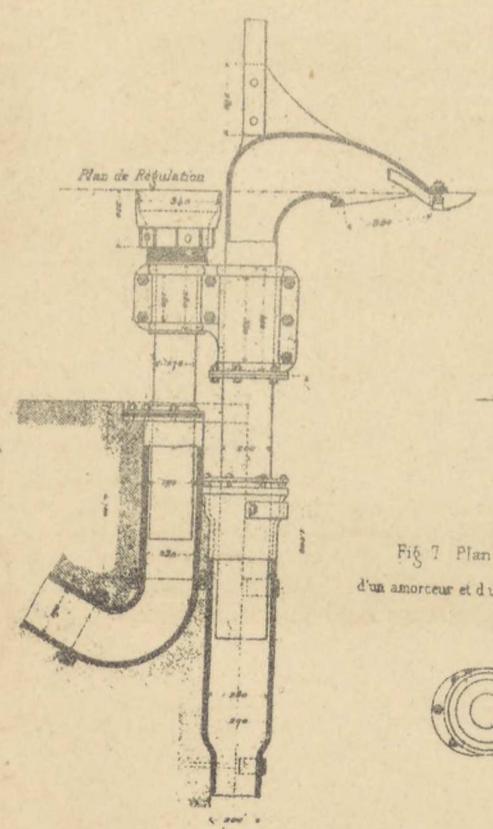


Fig. 8 Passage de l'amorceur à travers la voûte et coupe de la tuyere

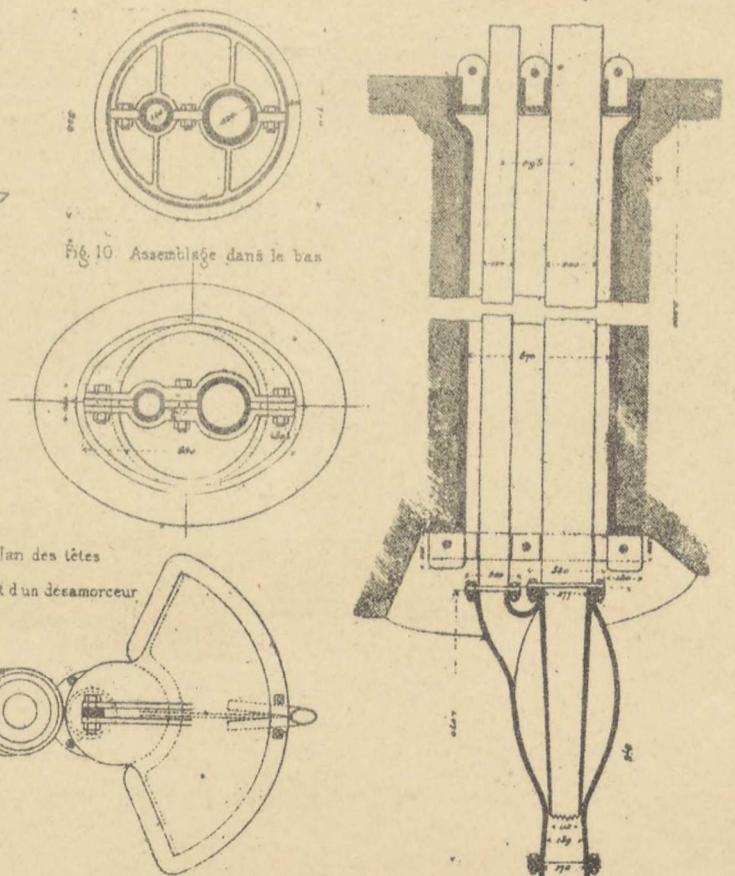


Fig. 7 Plan des têtes d'un amorceur et d'un désamorceur

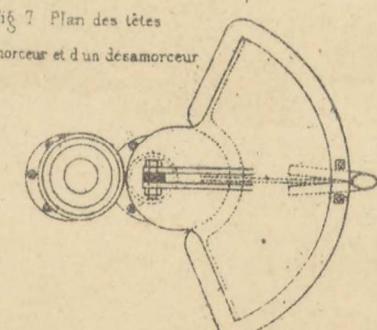
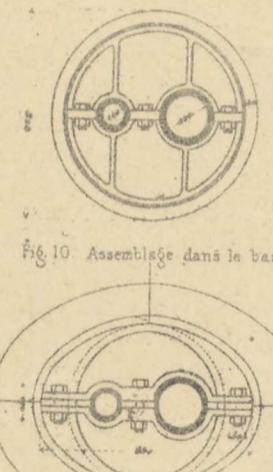
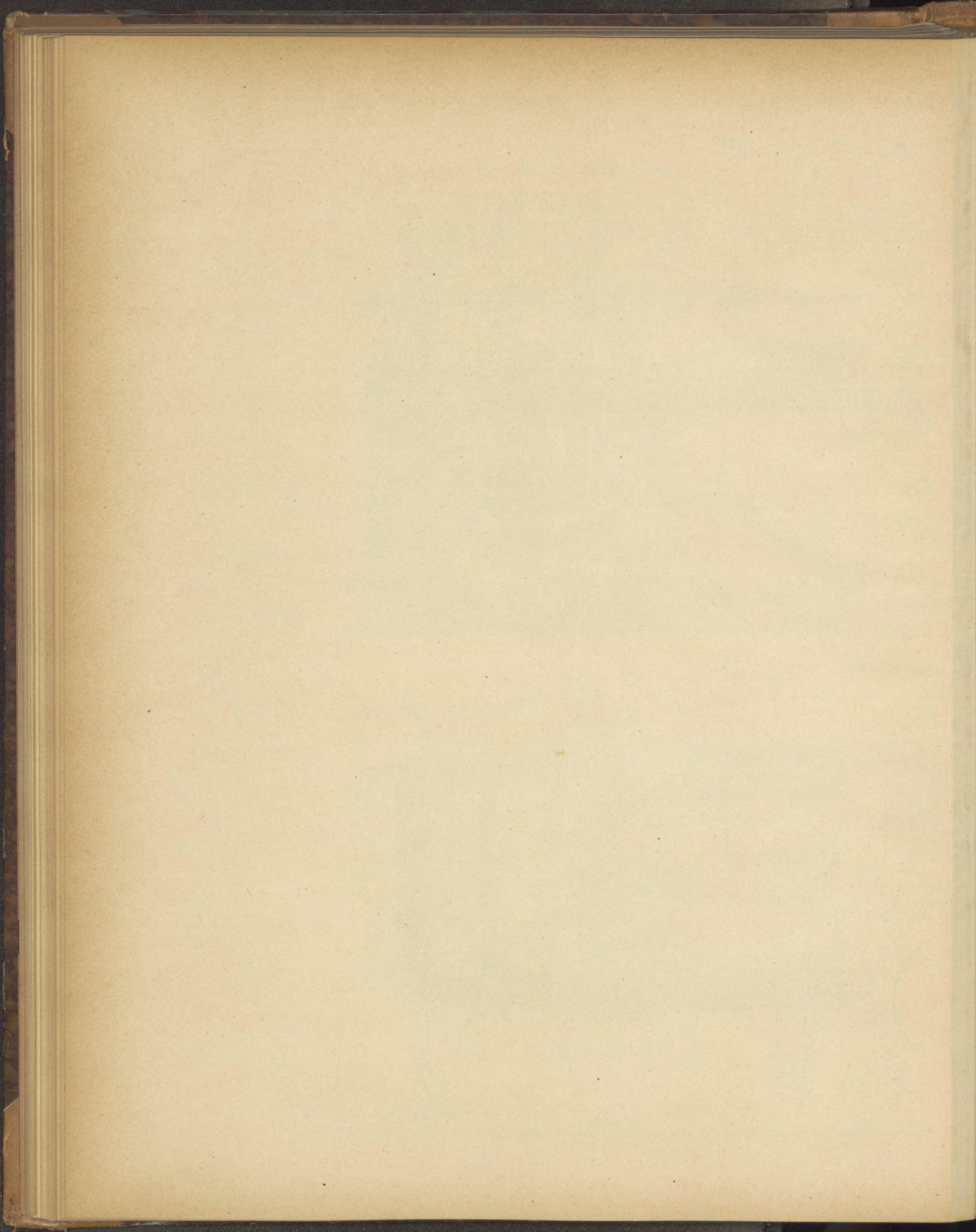
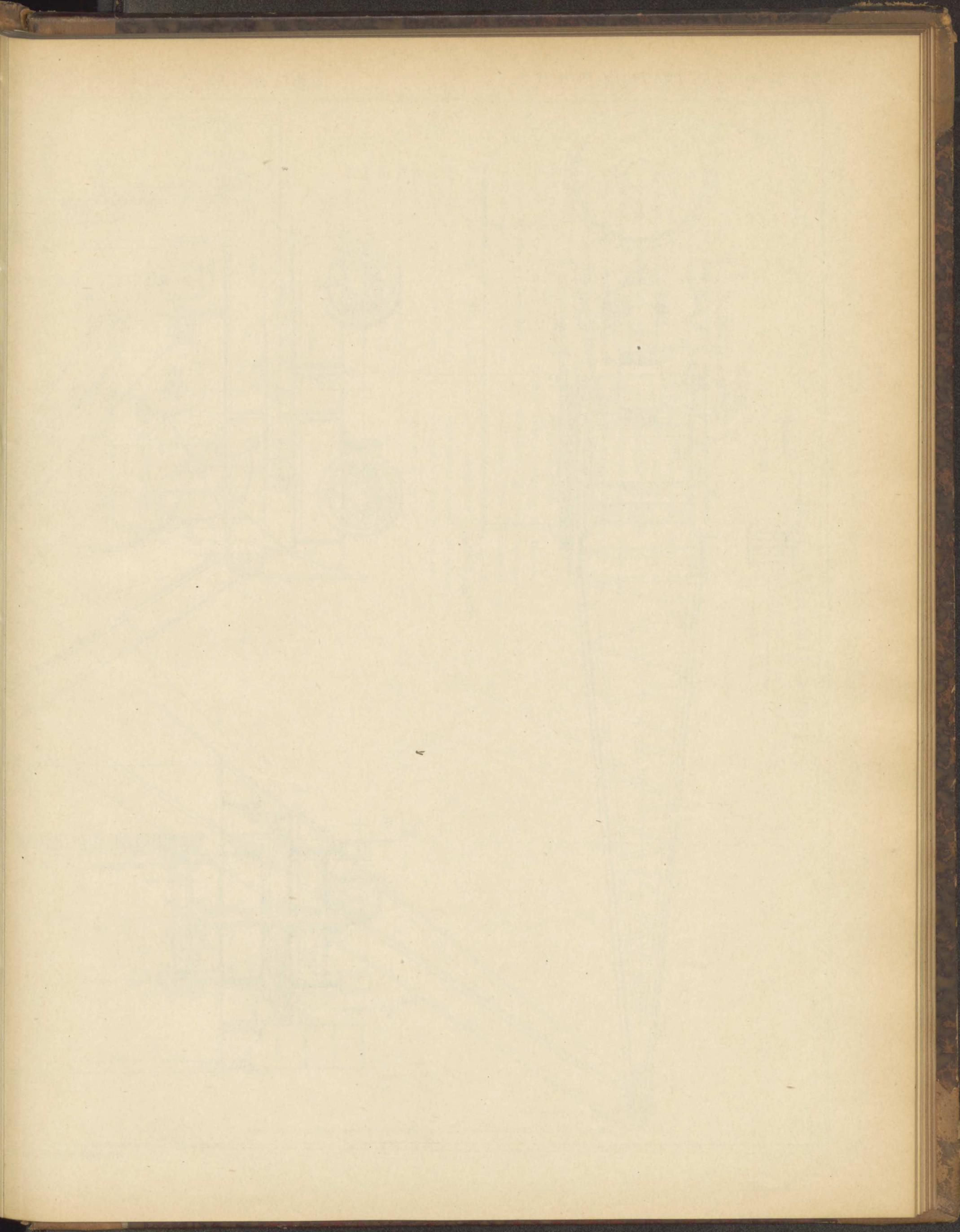


Fig. 9 Plan de l'obturateur du haut







GRUE ROULANTE A VAPEUR

M^e C. GUYENET, Ingénieur - Constructeur à Paris

Echelle 1/30.

Légende

- A Machine à vapeur à 2 cylindres conjugués, tournant dans un seul sens.
- B Générateur de vapeur.
- C Châssis inférieur en tôle et cornières portant la crémaillère circulaire d'orientation.
- D Quatre roues en fer avec bandages en acier montées sur essieux à la voie de 1750.
- E Châssis en tôle et cornières portant la partie tournante de l'appareil.
- F Tirants en fer.
- G Flèche en tôle et cornières.
- H Mécanisme élévatoire à frictions plates.
- I Chaîne élévatoire avec crochet et boulet pour la descente à vide.
- J Mécanisme d'orientation par frictions plates et levier sur lequel on agit dans un sens ou dans l'autre pour faire tourner la volée à droite ou à gauche.
- K Mécanisme de relevage de la volée à frictions plates et levier de manœuvre sur lequel on agit dans un sens ou dans l'autre pour relever ou abaisser la volée.
- L Deux coulisses de sécurité limitant l'abaissement et le relèvement de la volée et retenant celle-ci dans le cas de la rupture de la chaîne ou de tout autre organe.
- M Mécanisme de translation par frictions plates et volant de manœuvre sur lequel on agit dans un sens ou dans l'autre pour faire avancer la grue en avant ou en arrière.
- N Levier d'embrayage du mécanisme élévatoire qui agit sur le levier dans un sens pour obtenir l'élévation du fardeau, dans l'autre sens pour obtenir la descente. Le mécanisme est arrêté automatiquement et le fardeau reste suspendu lorsqu'on cesse toute action sur le levier N.

Fig. 1. Elévation (Ech. 1/30)

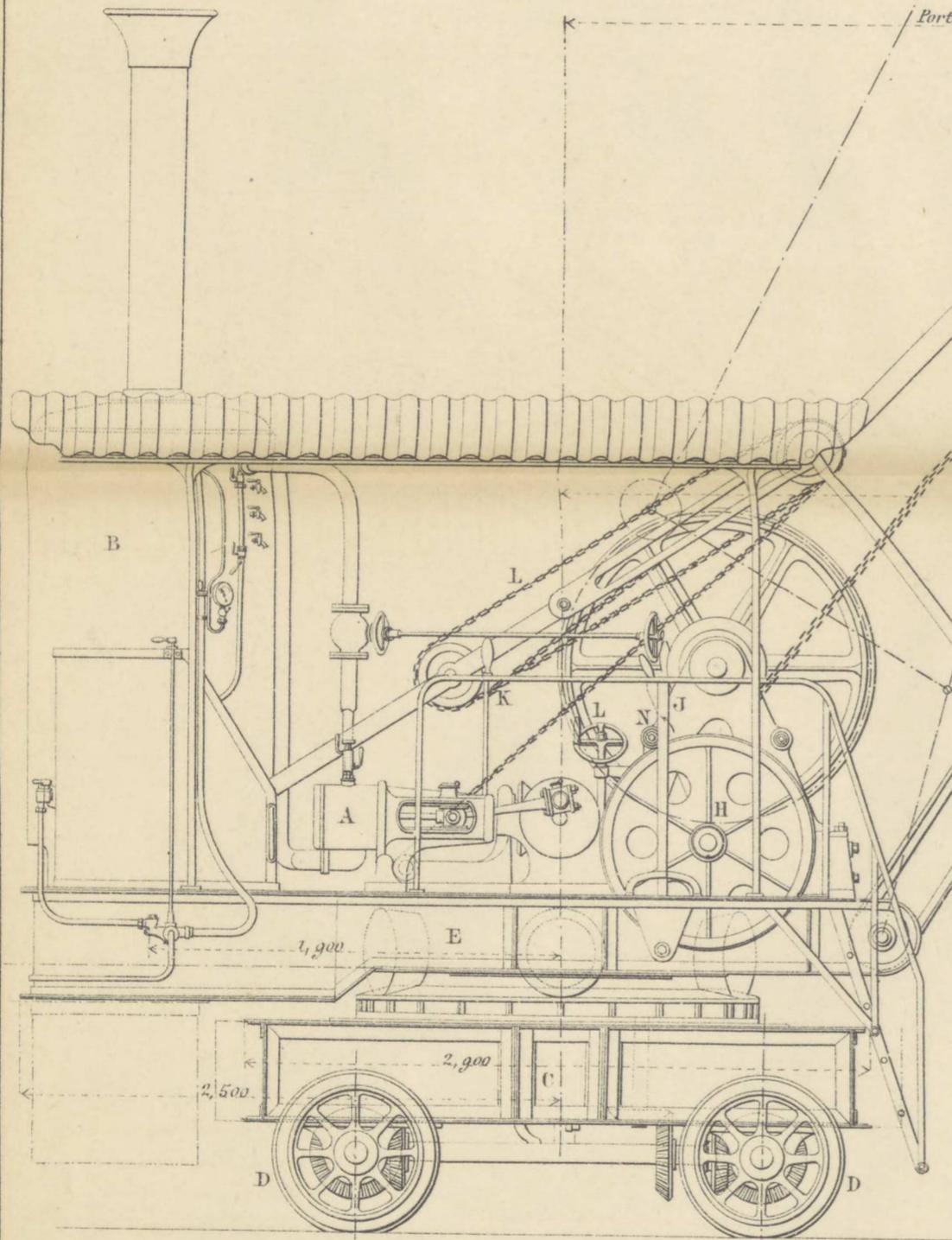


Fig. 2. Plan

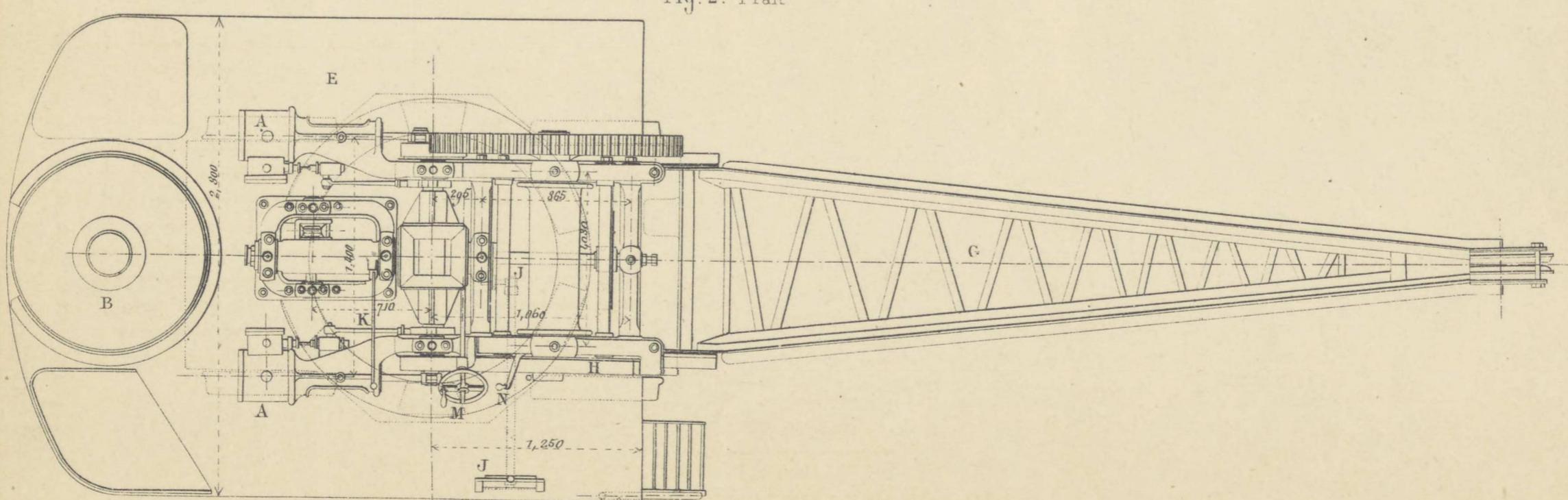
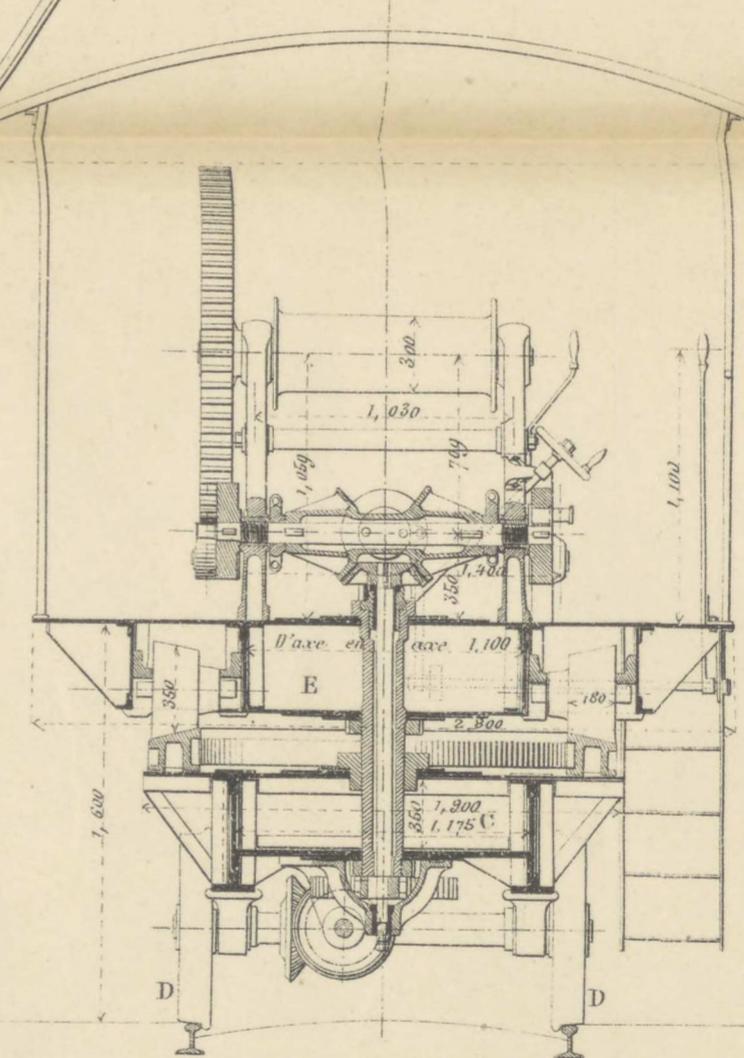
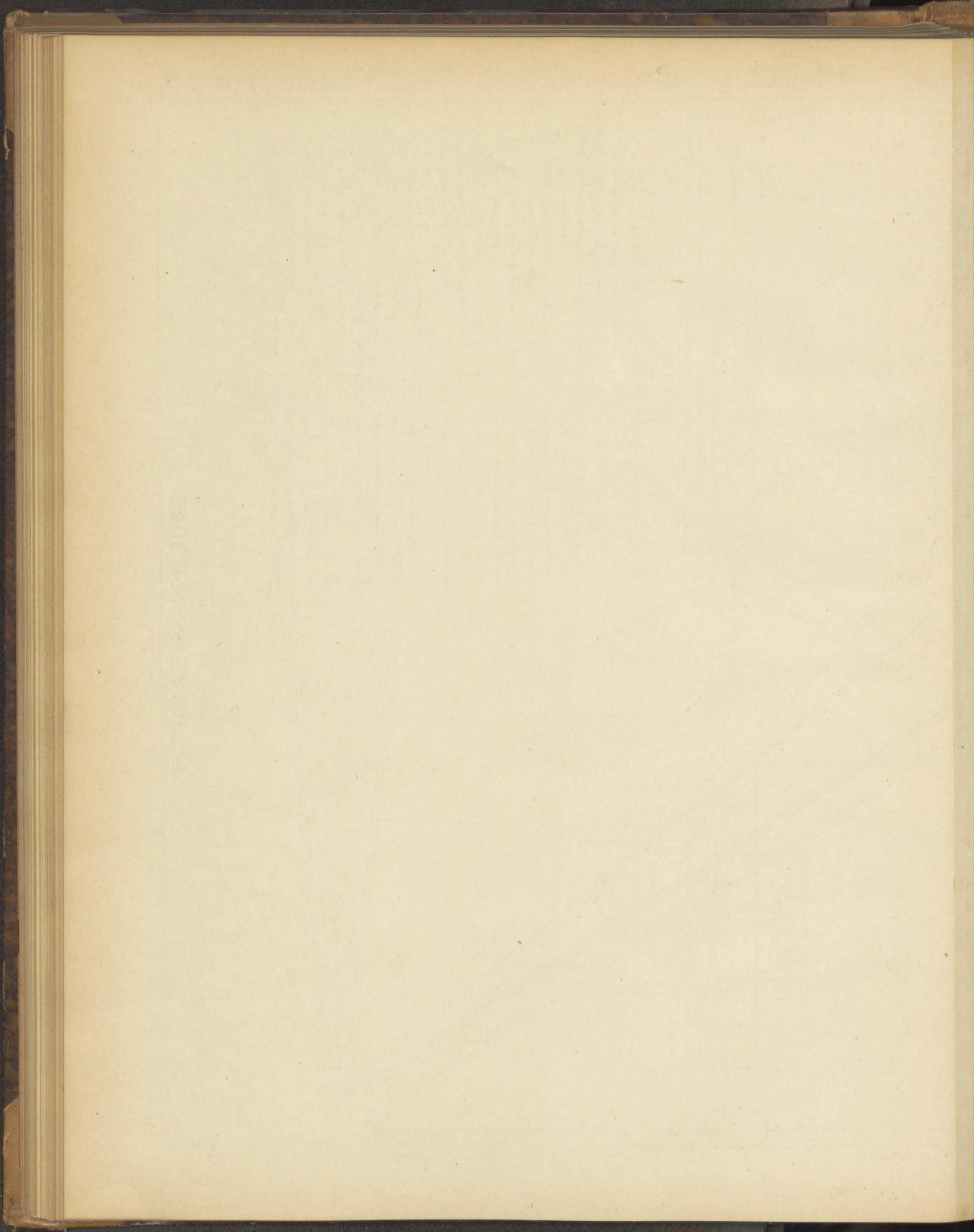
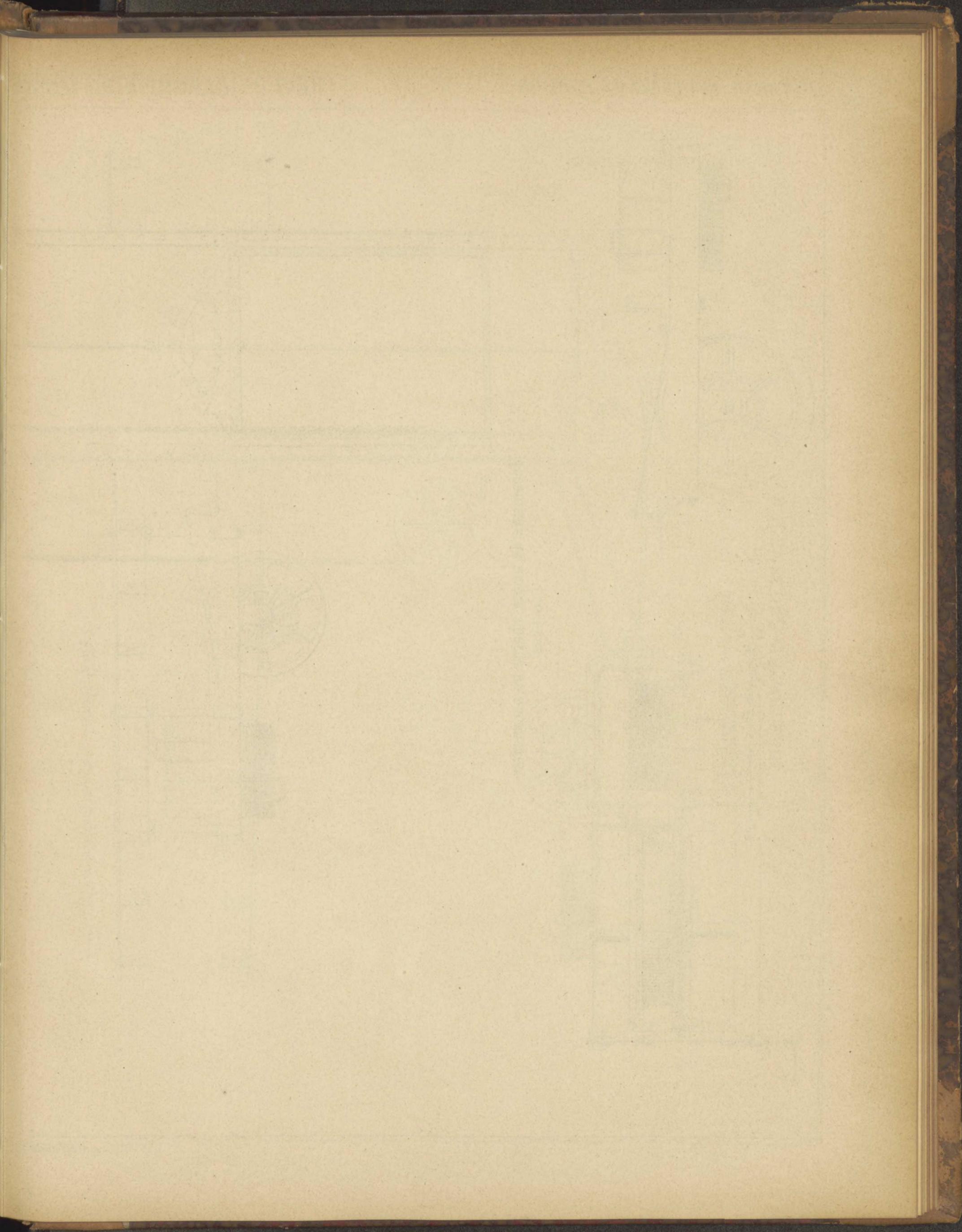
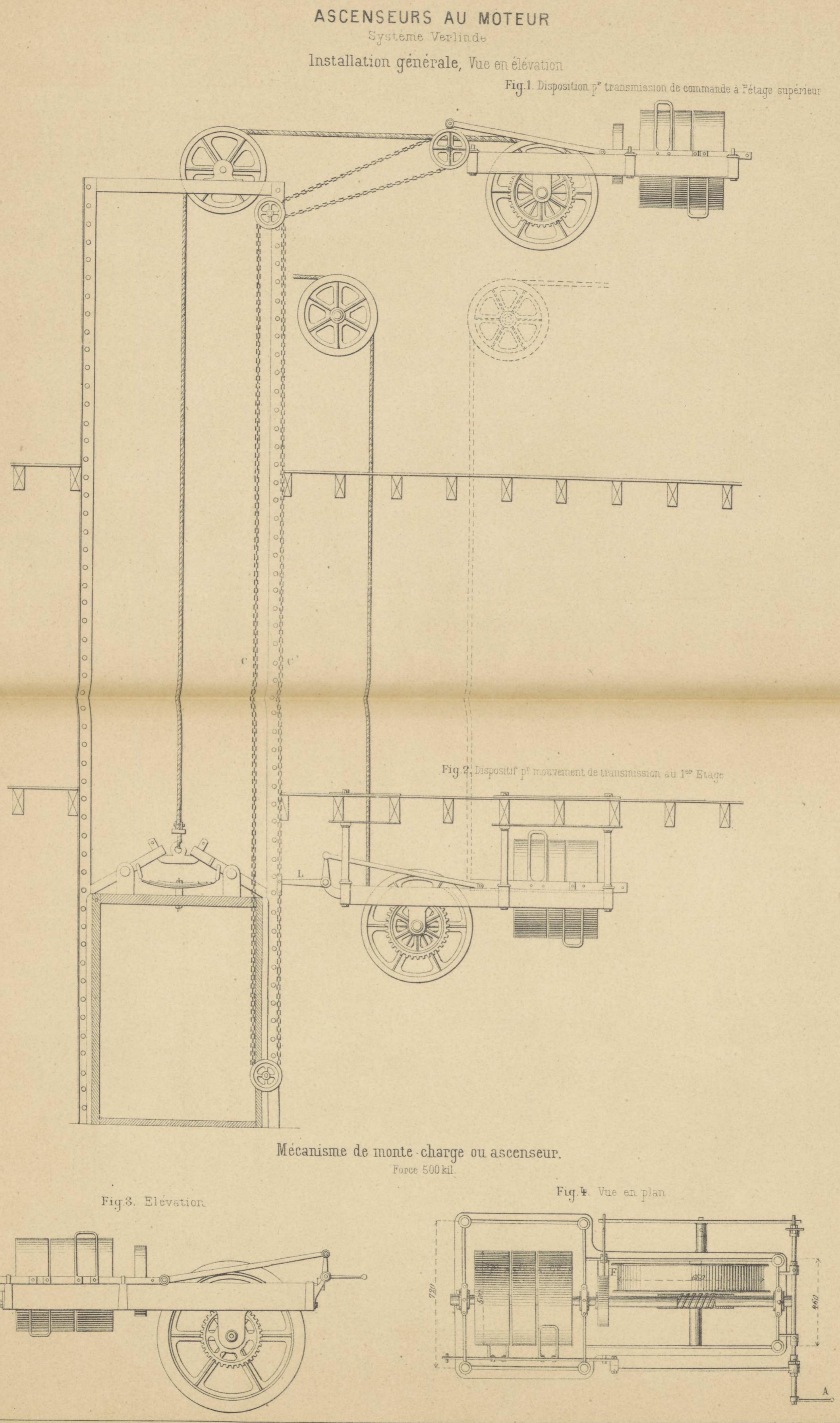


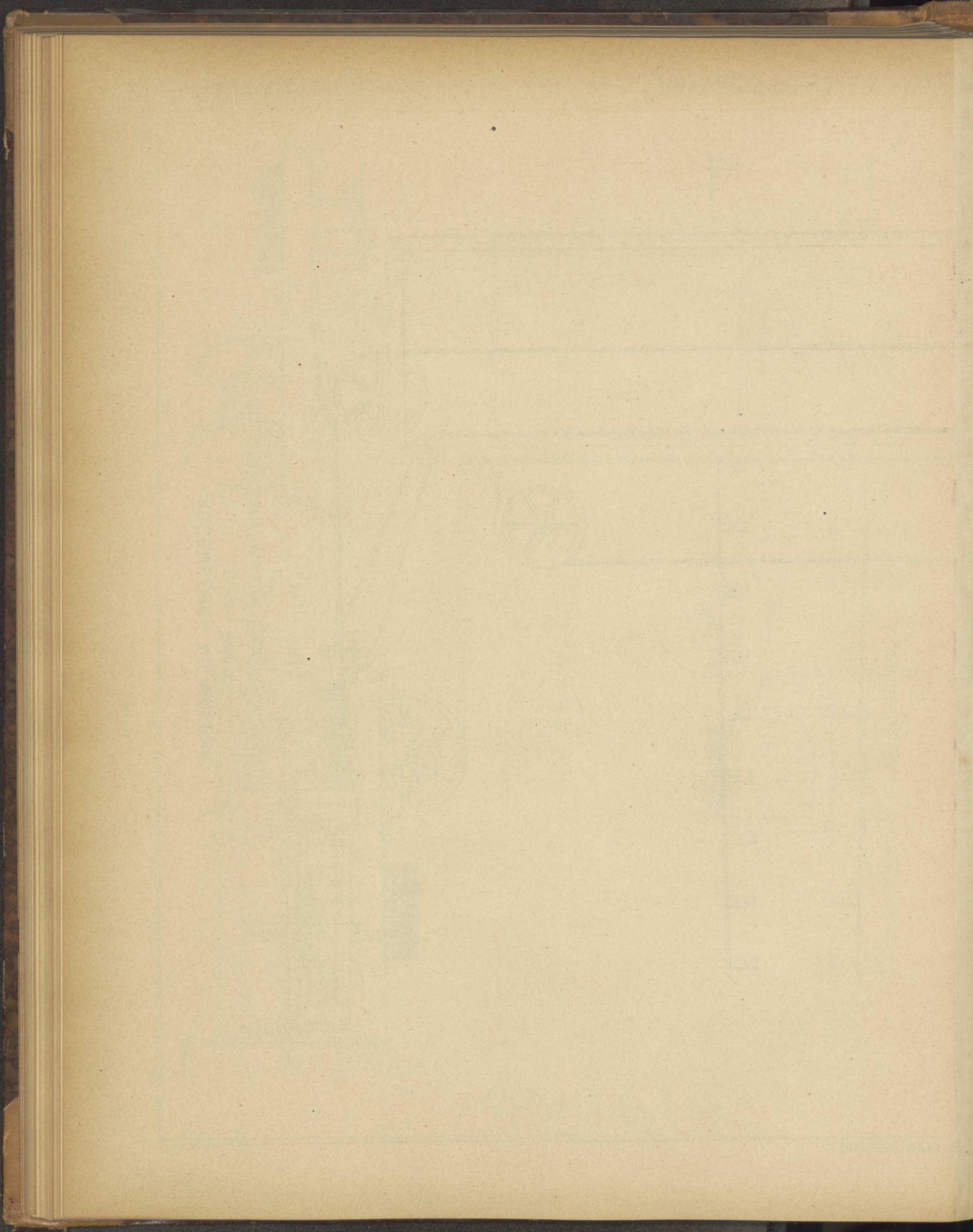
Fig. 3. Coupe transversale (Ech. 1/30)

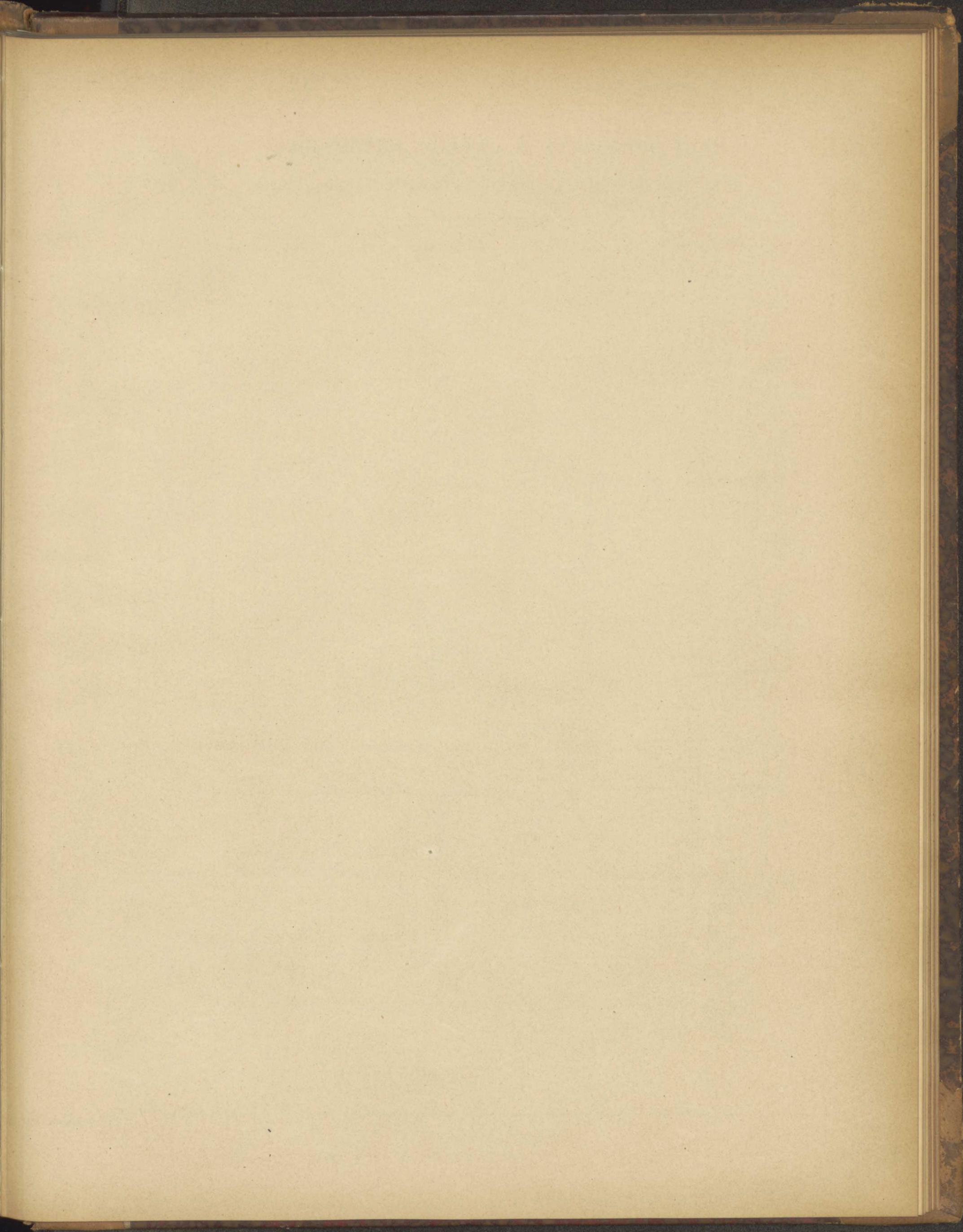








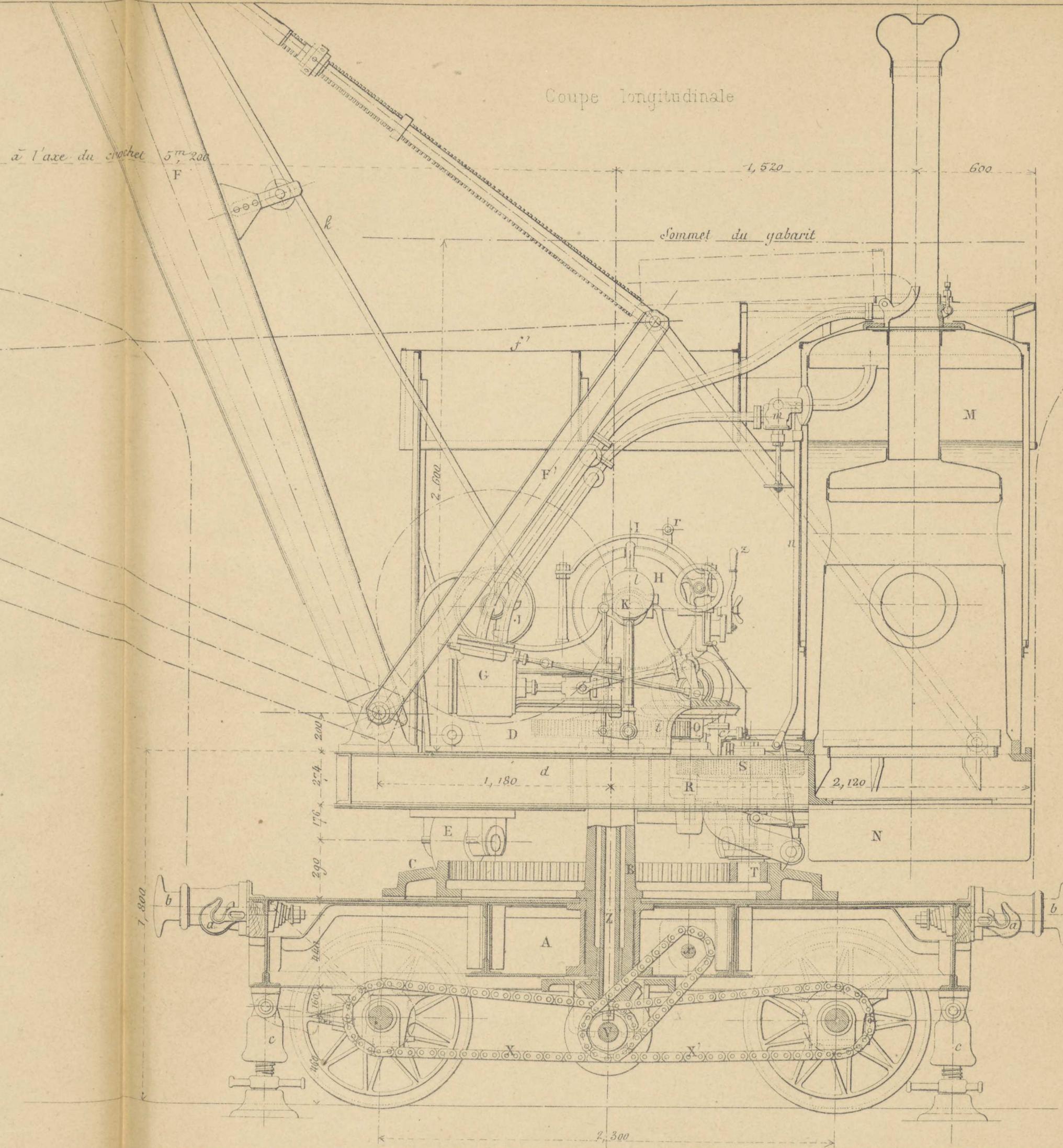
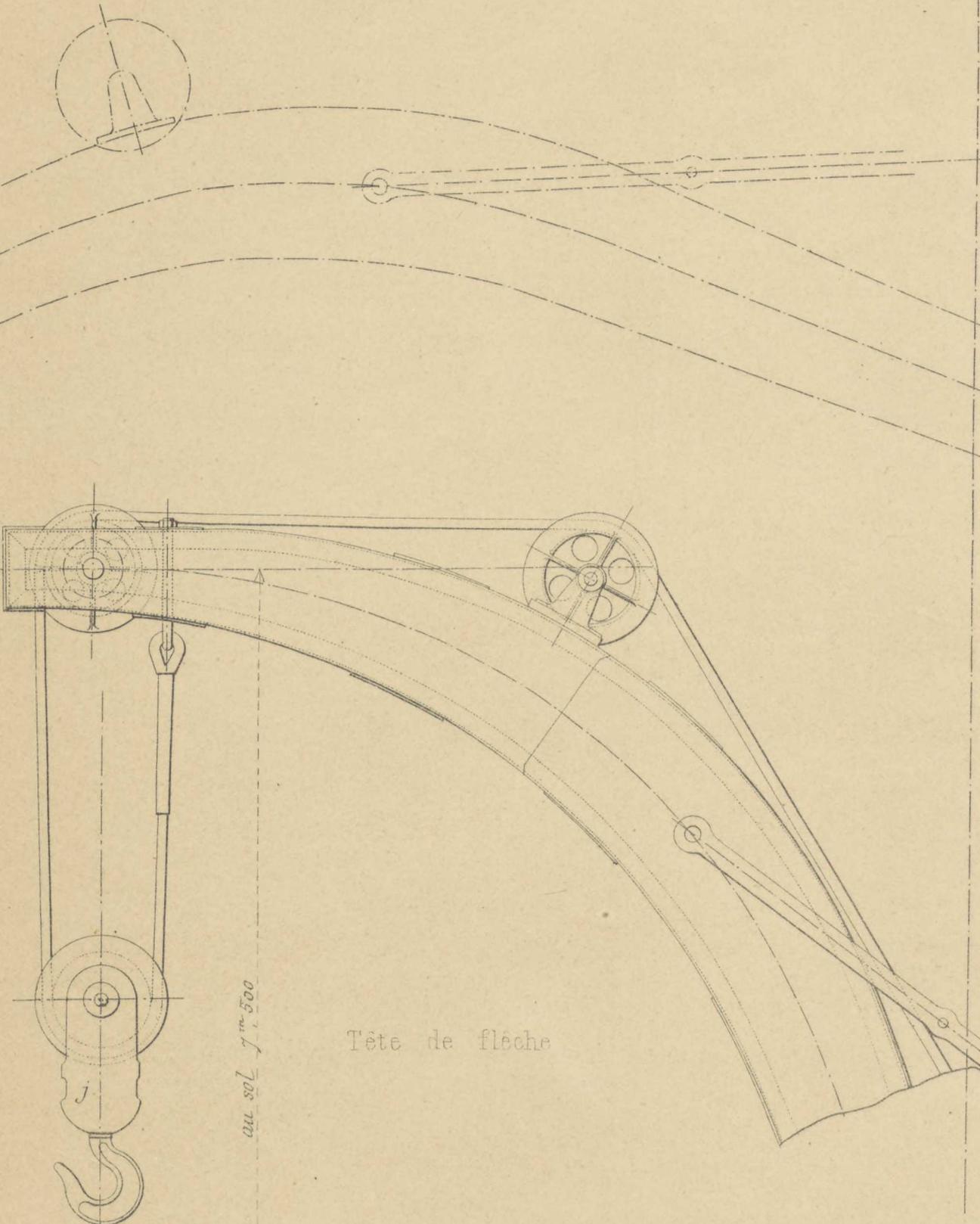


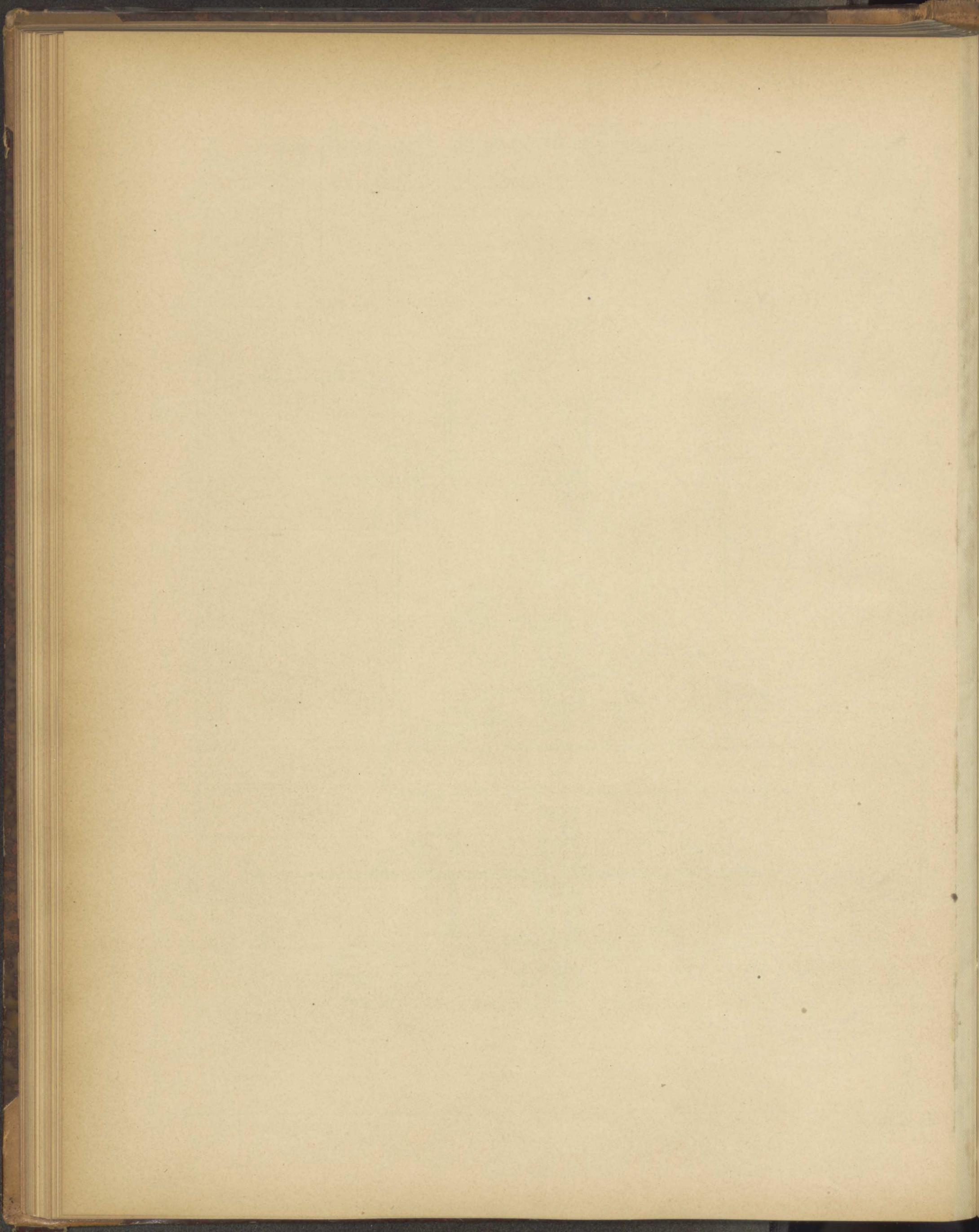


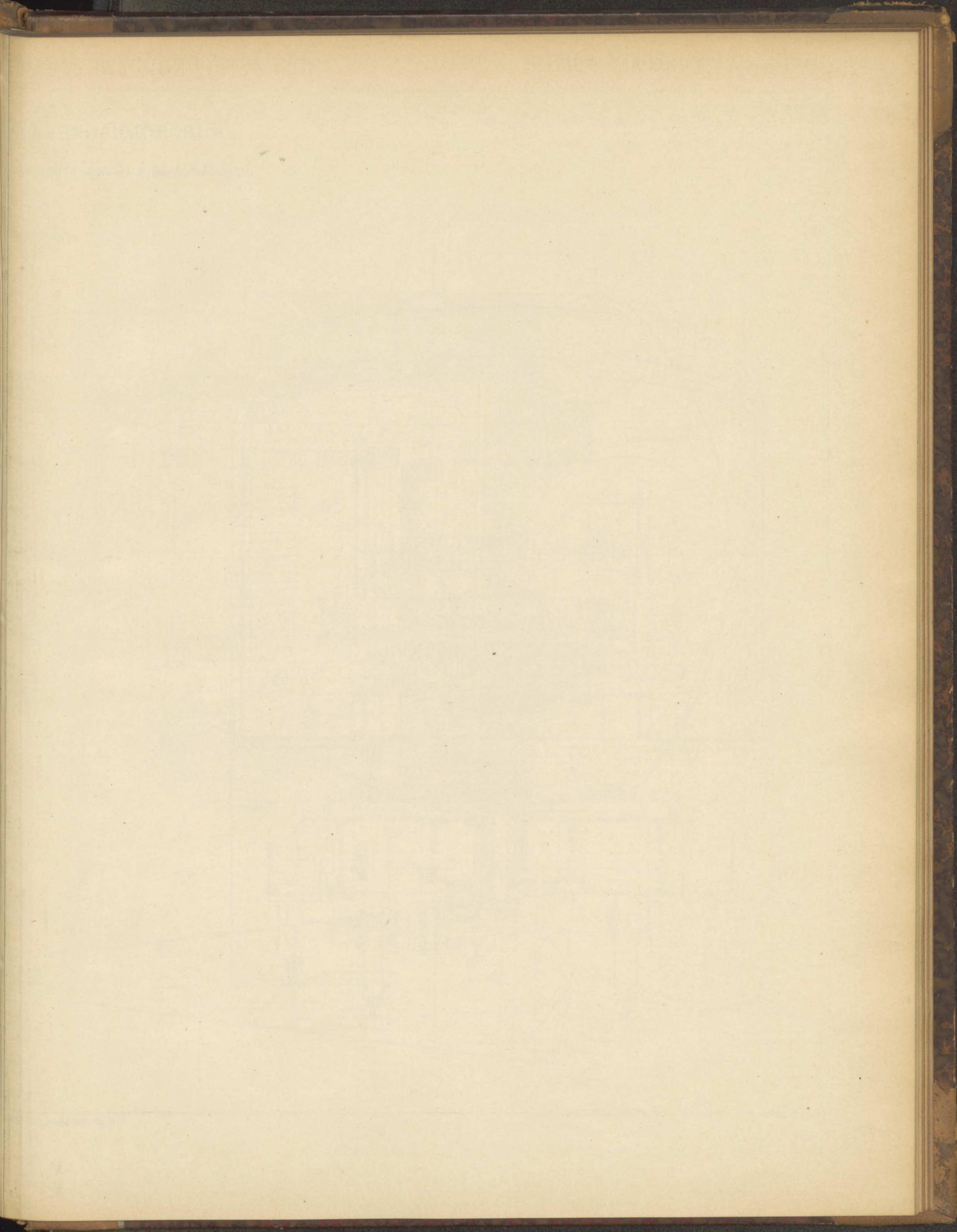
GRUE ROULANTE A VAPEUR AUTOMOBILE

de la force de 4 tonnes, libre sur rails et de 6 tonnes, étayée.

Echelle 1/20



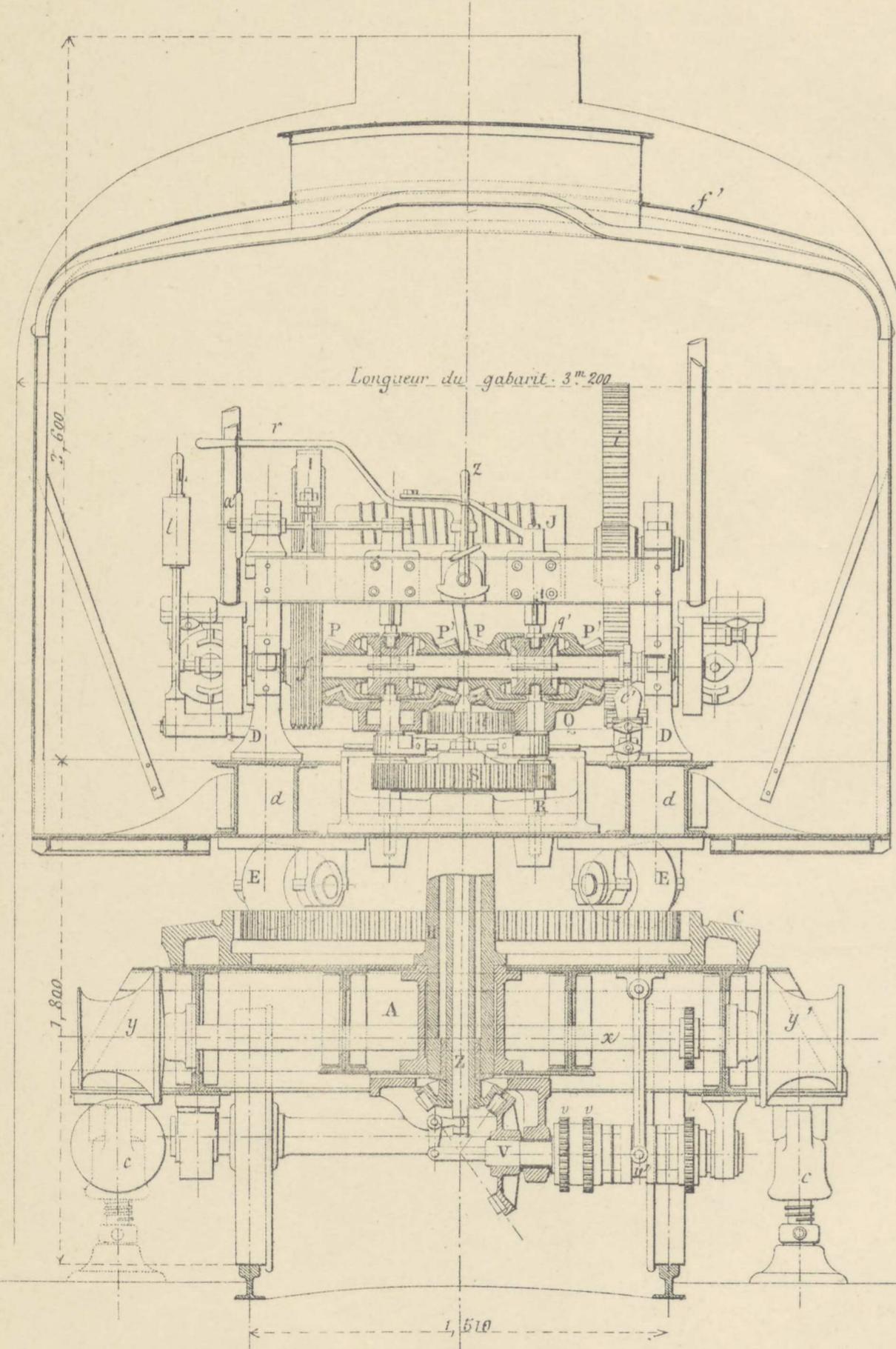




GRUE ROULANTE A VAPEUR AUTOMOBILE

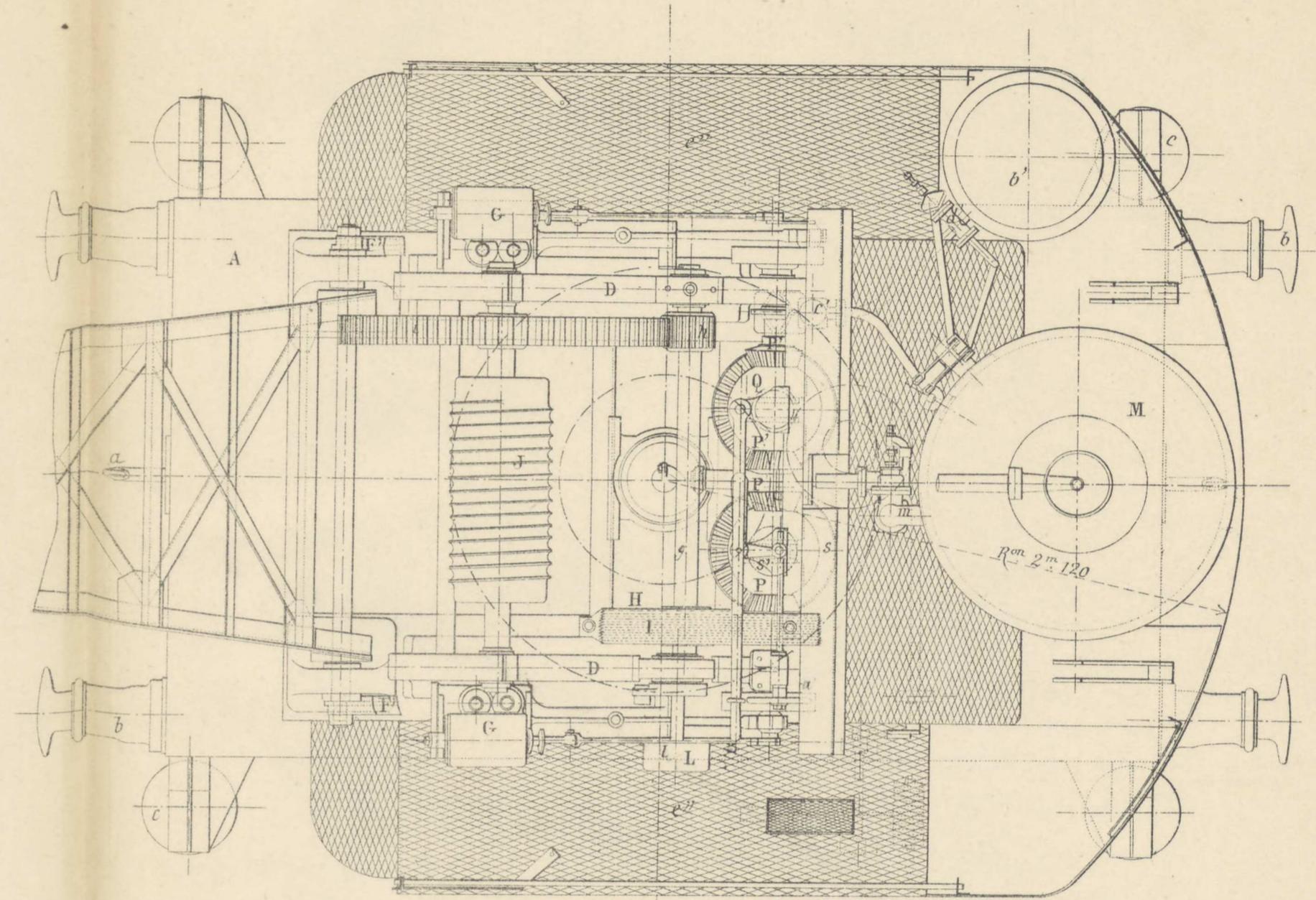
de la force de 4 tonnes, libre sur rails et de 6 tonnes, étayée.

Coupe transversale

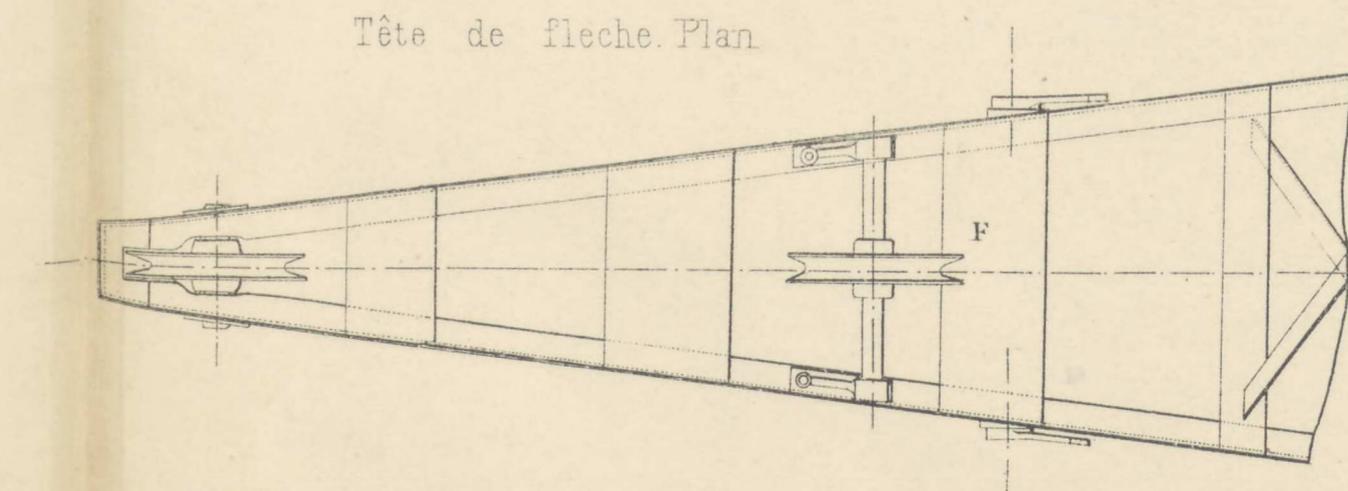


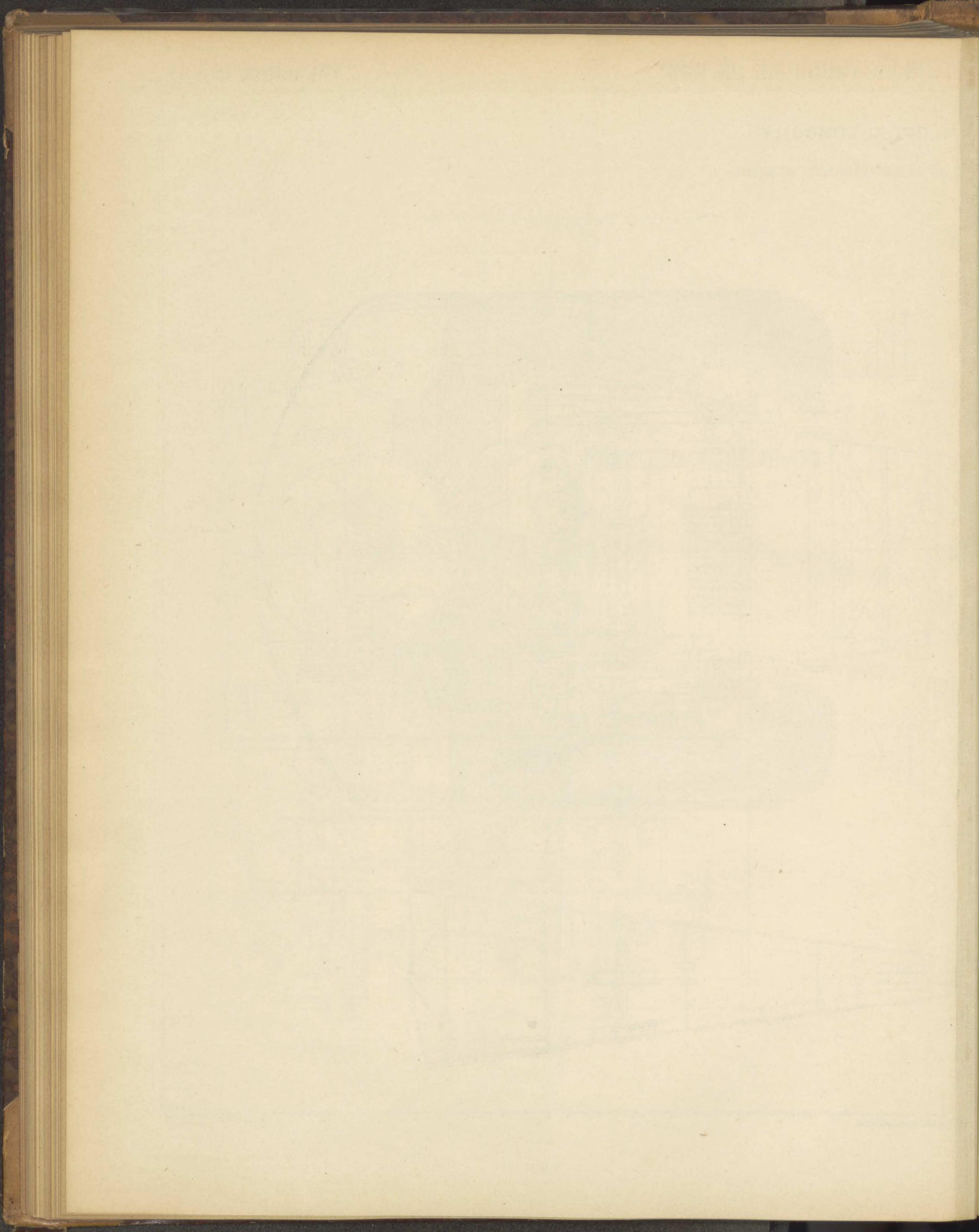
Echelle $\frac{1}{20}$

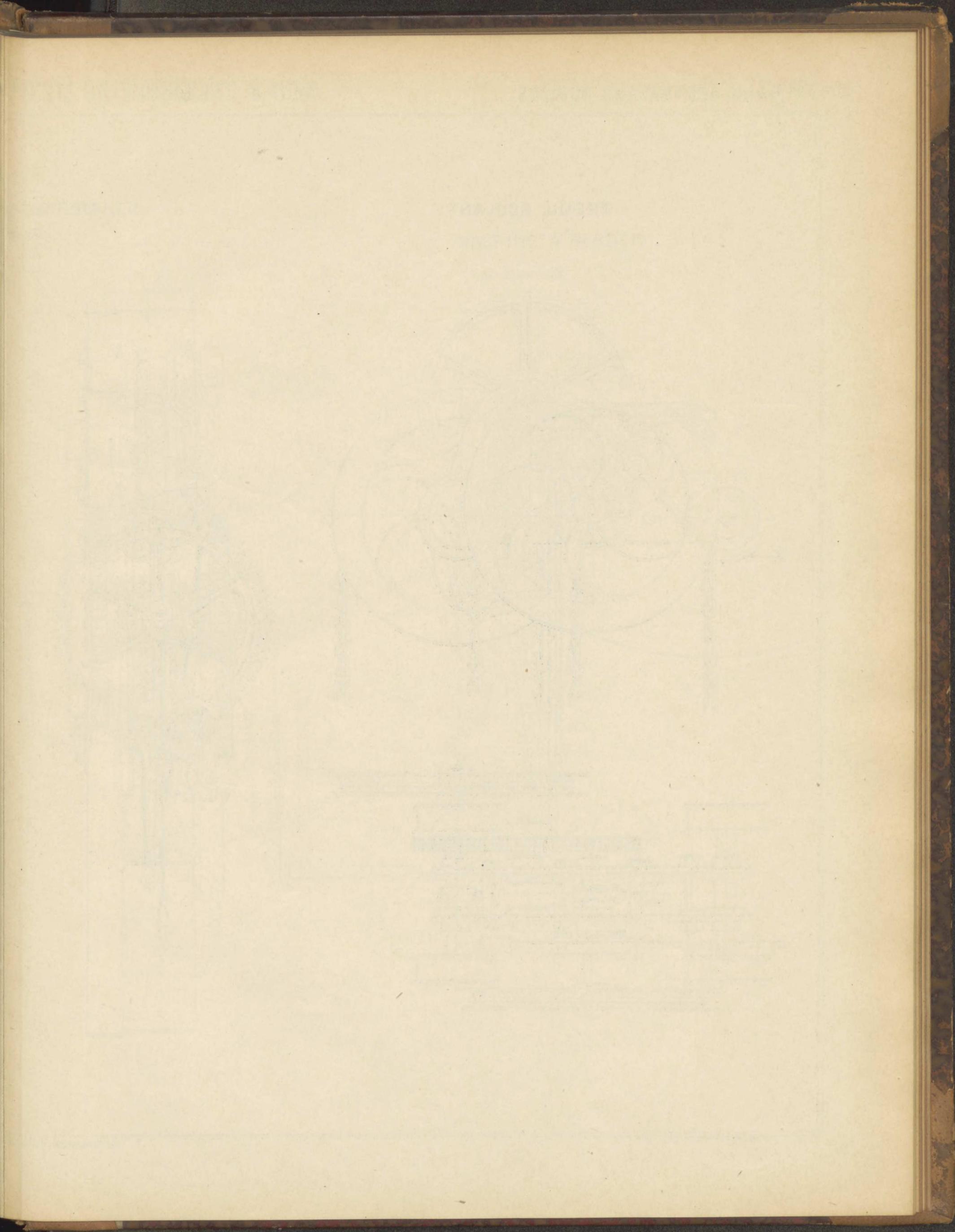
Projection horizontale



Tête de flèche. Plan



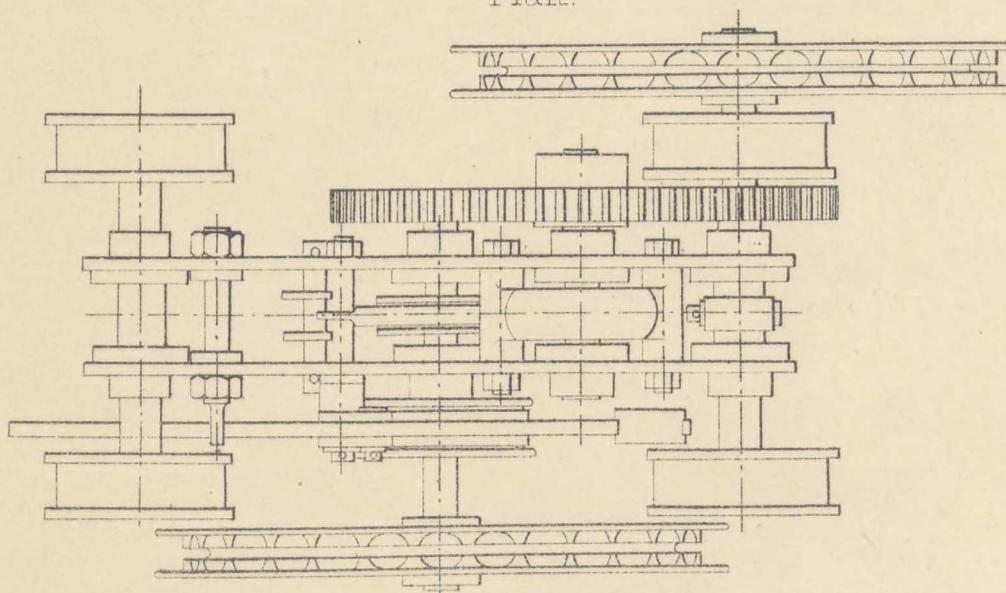
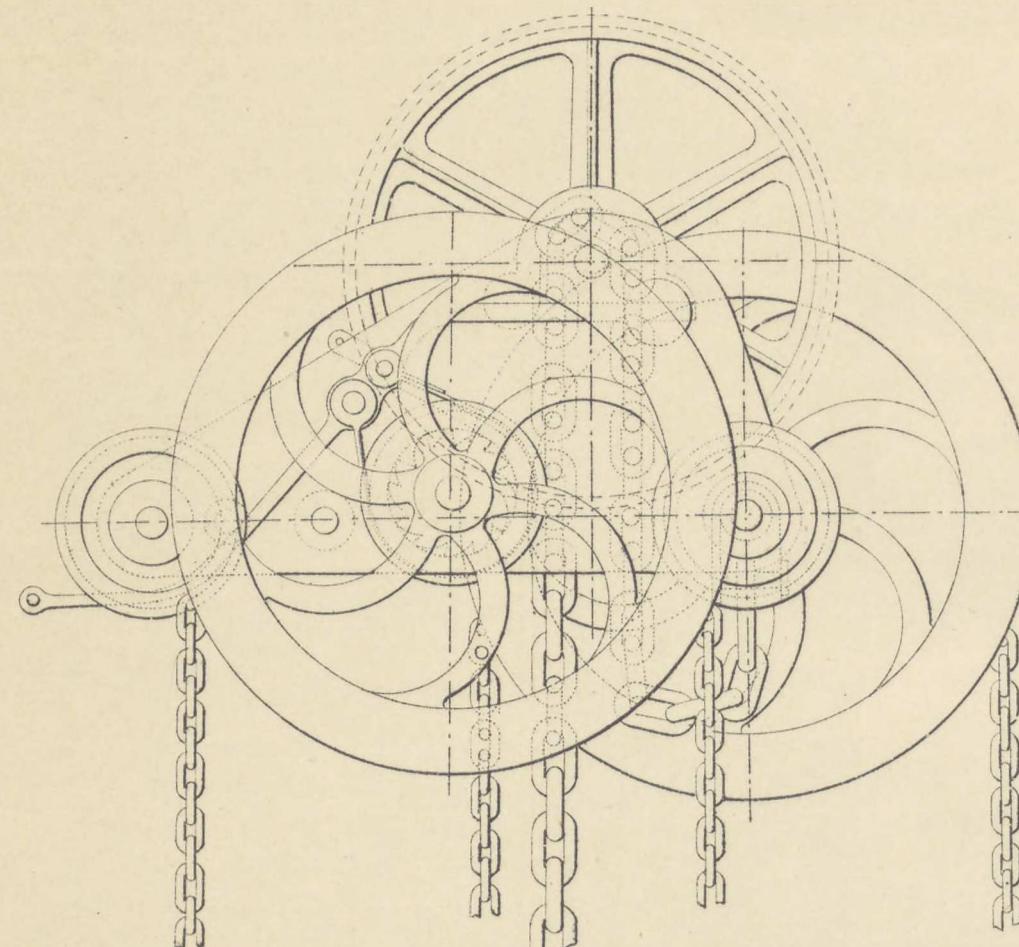




TREUIL ROULANT.

Force 6000 K.

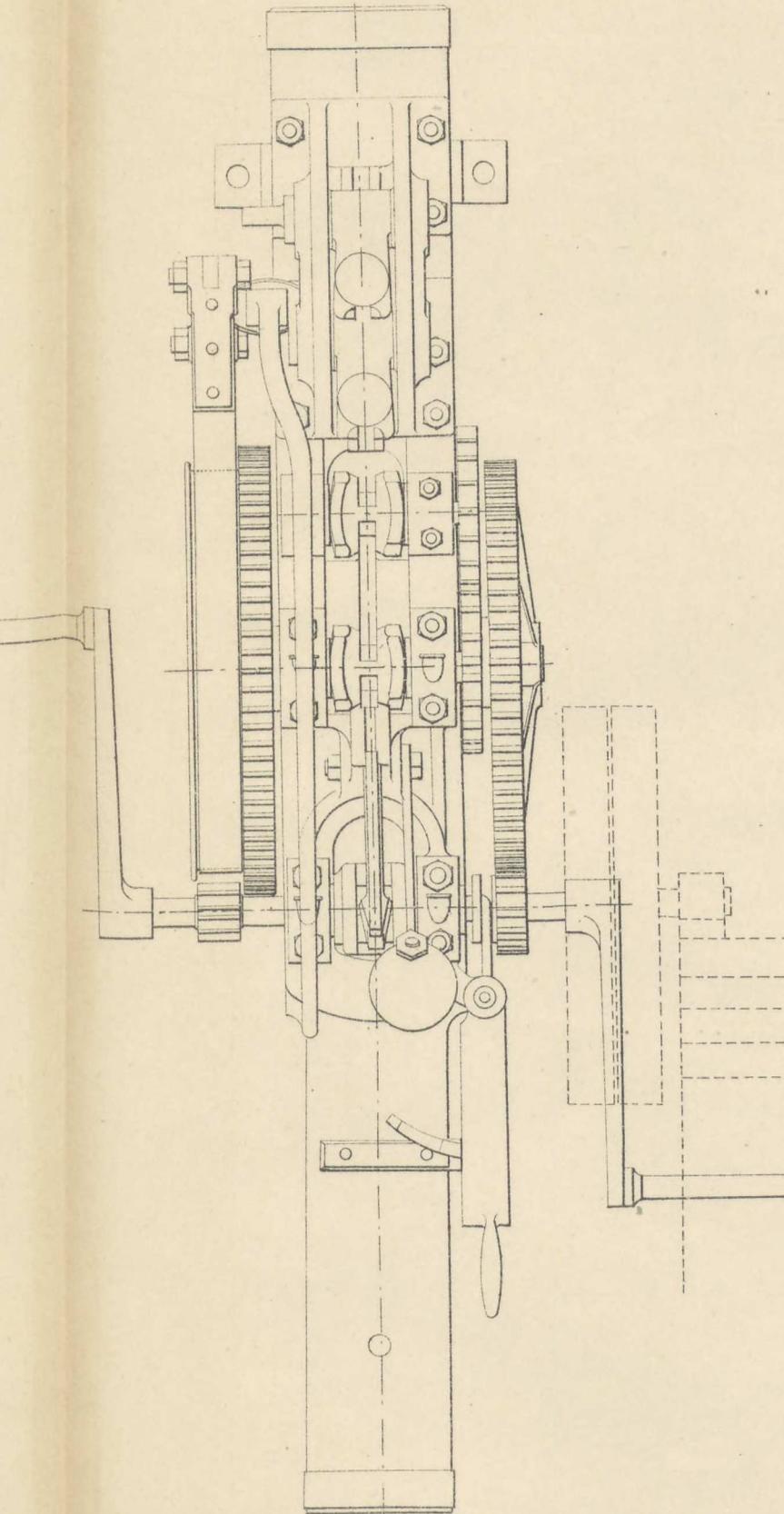
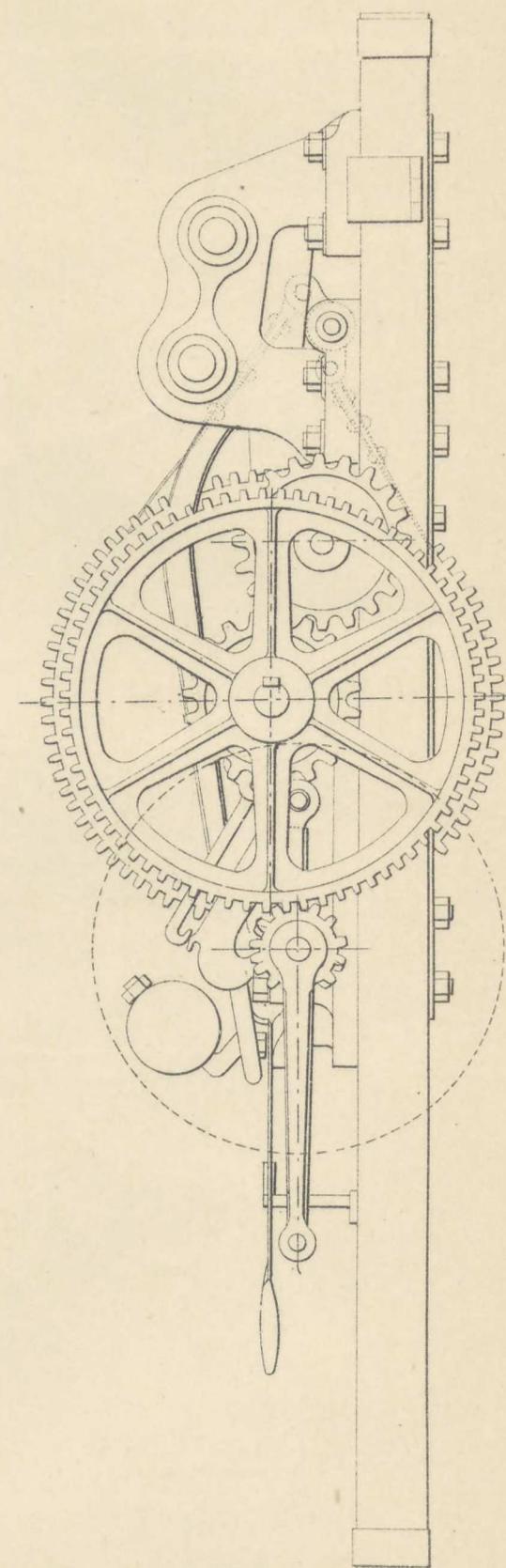
Elévation



TREUIL Système BERNIER.

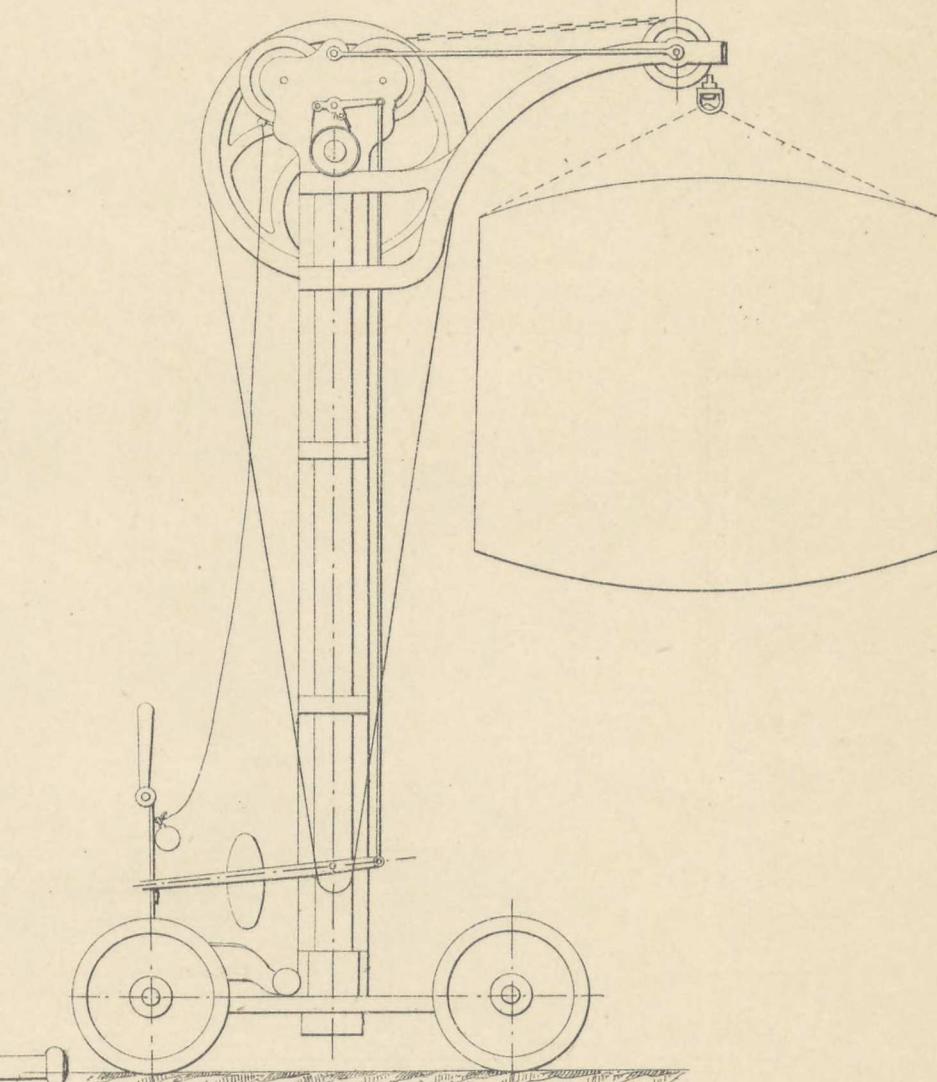
Breveté S.G.D.G.

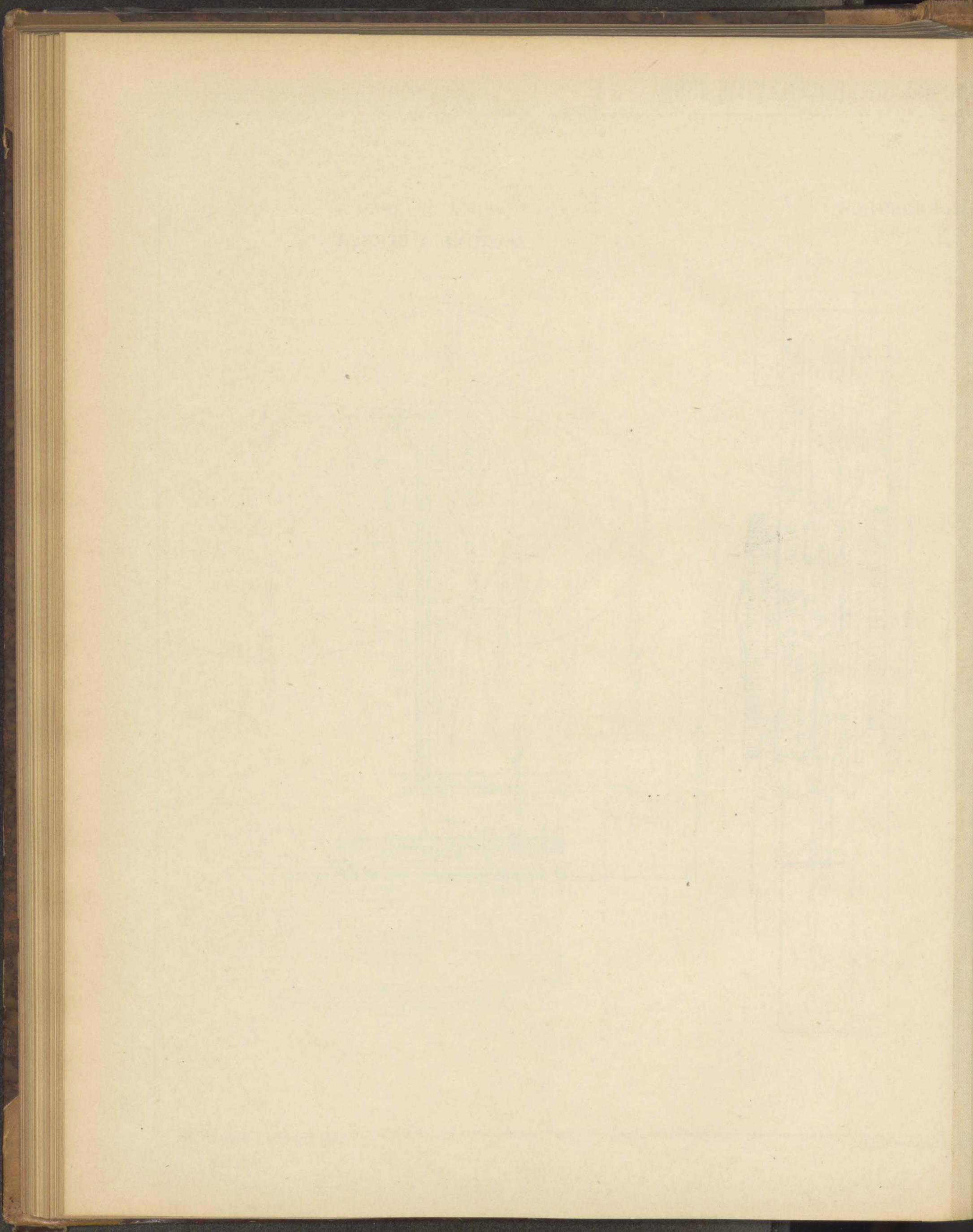
Elévation

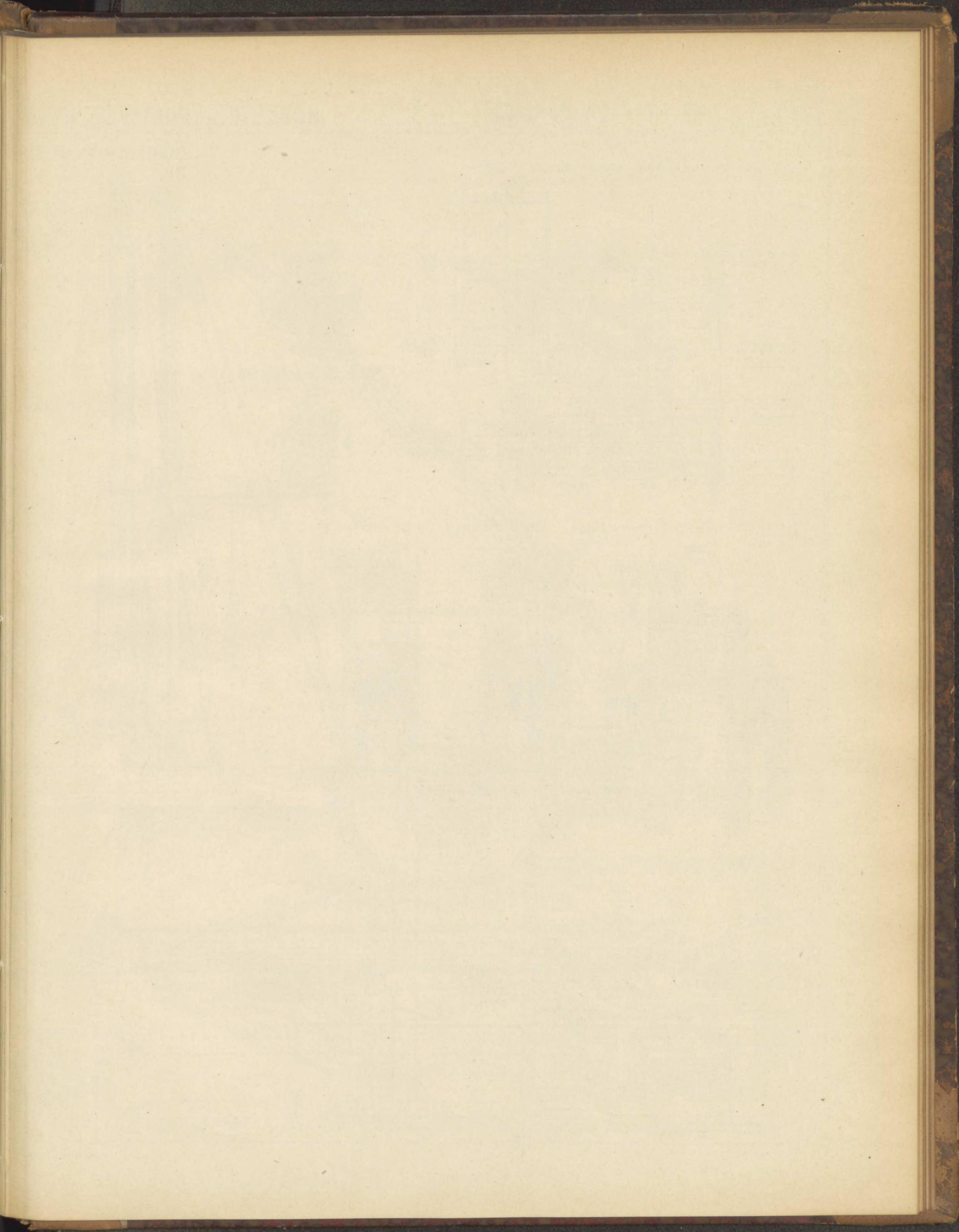


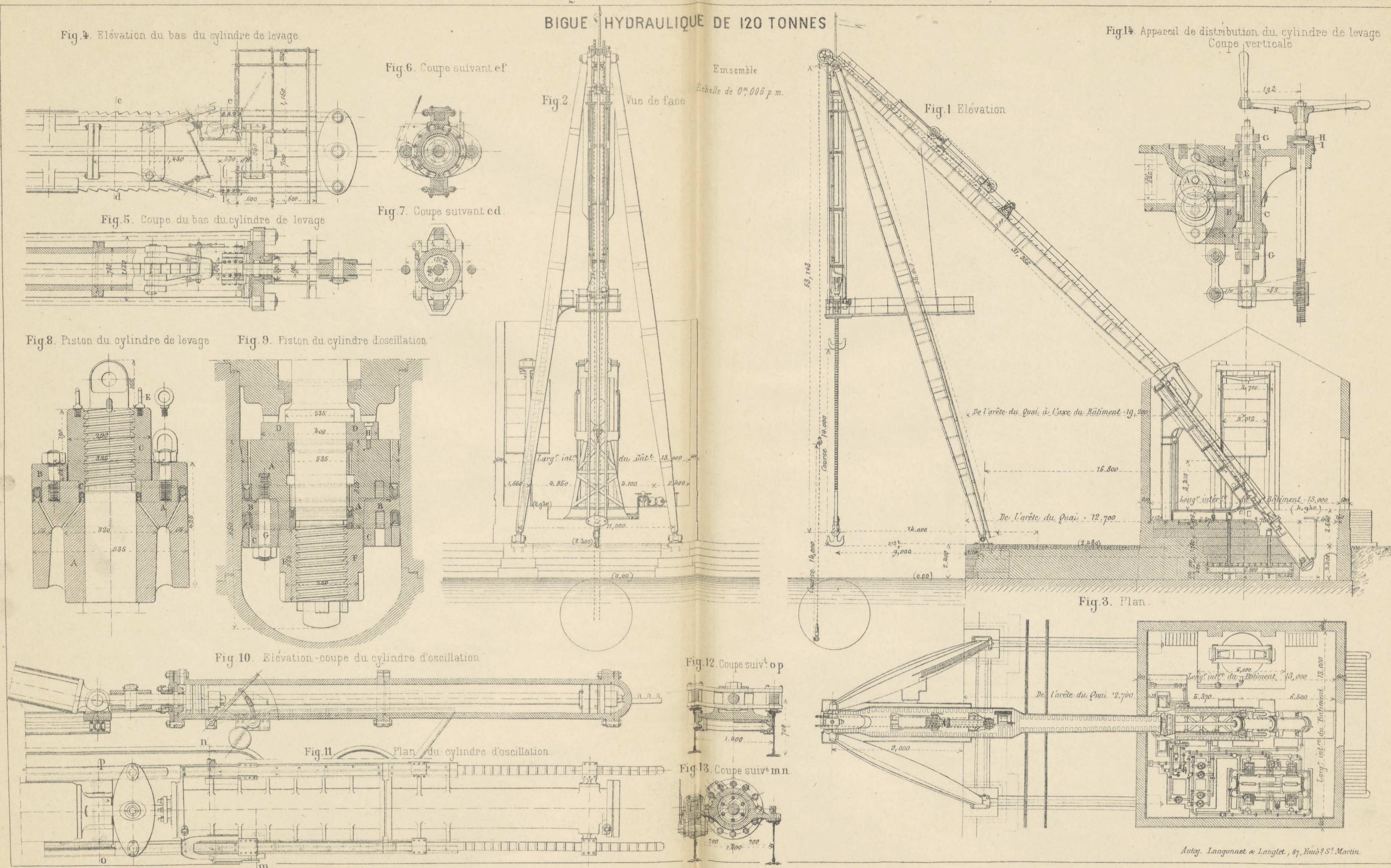
MACHINE A GERBER.

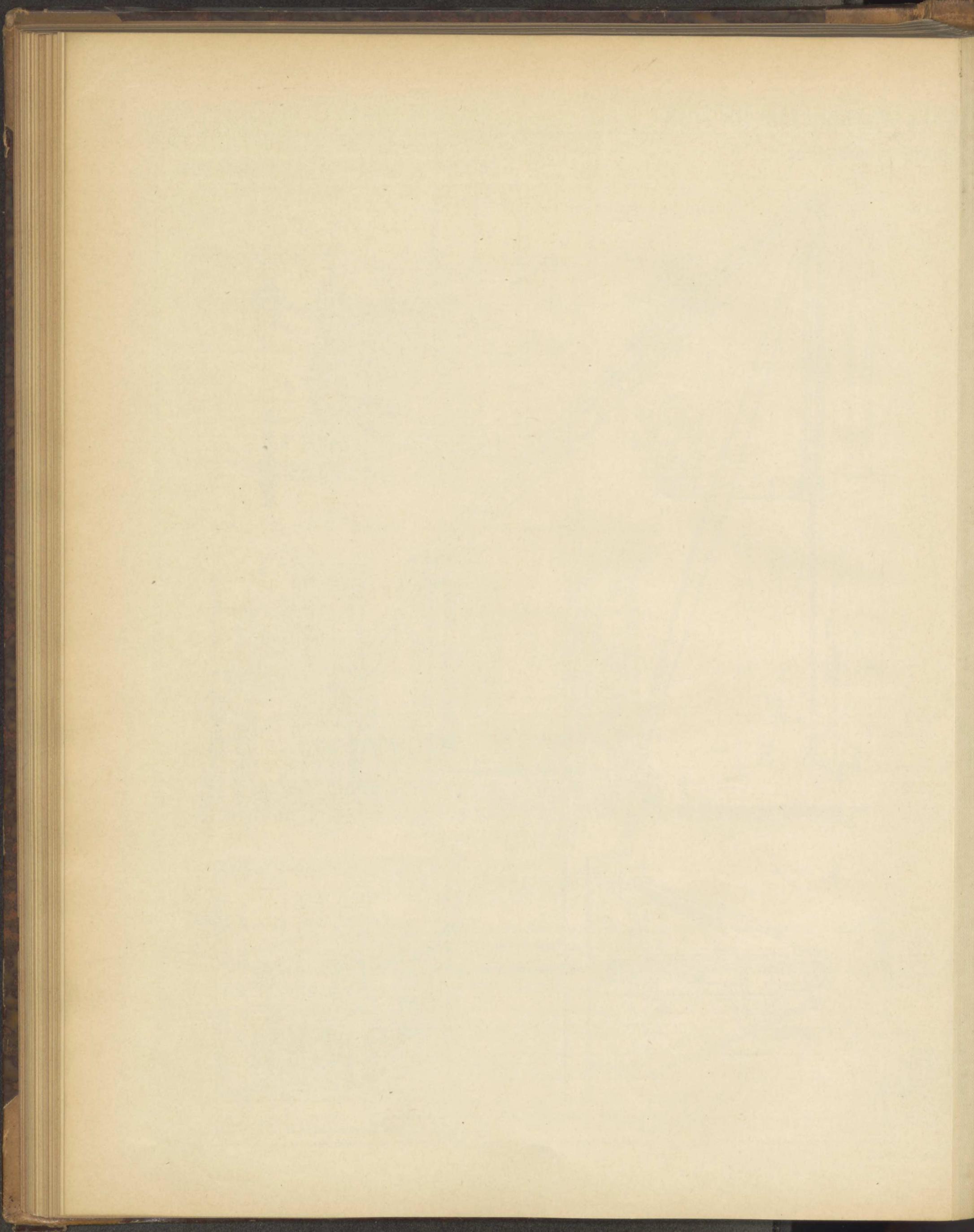
Elévation

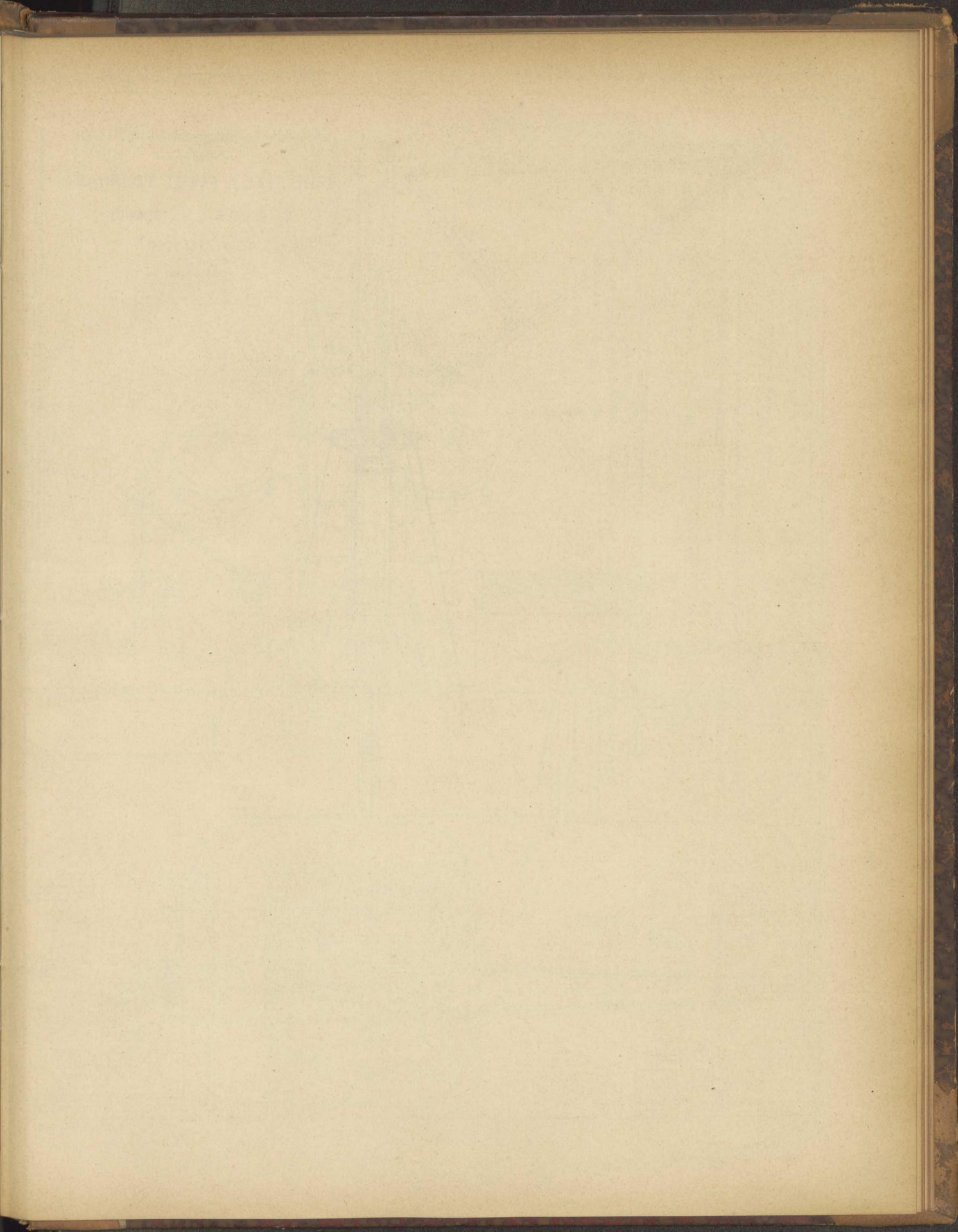


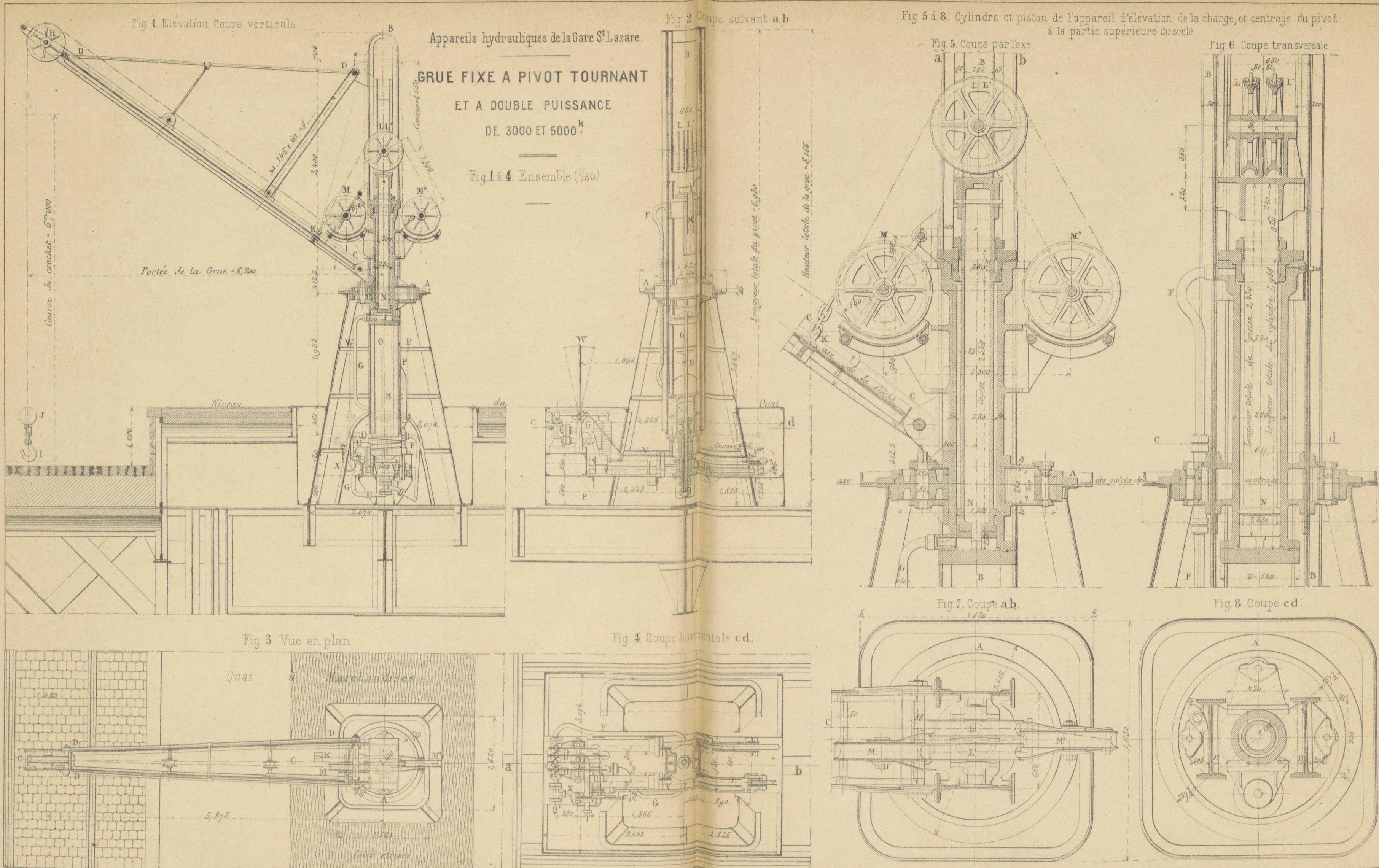


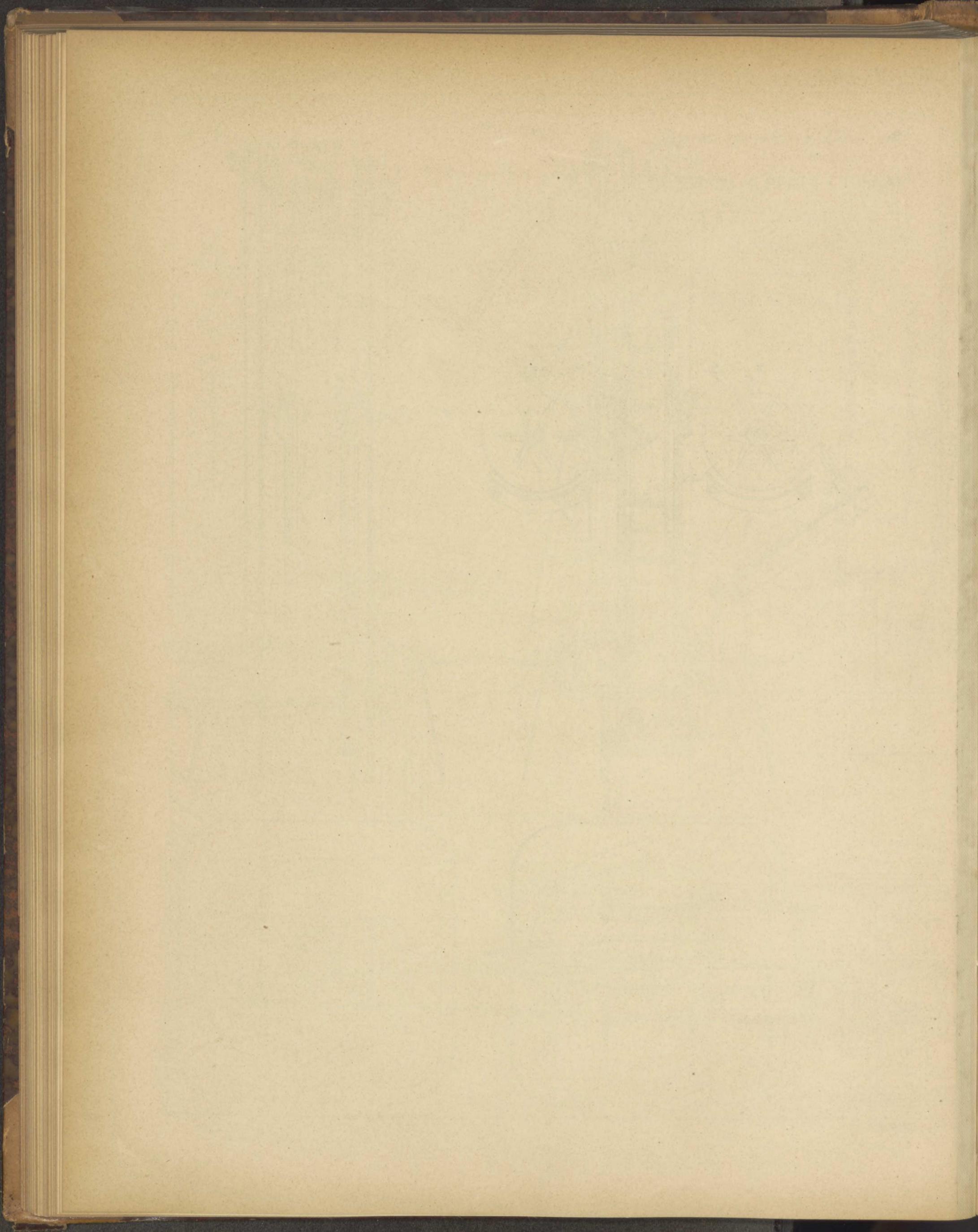


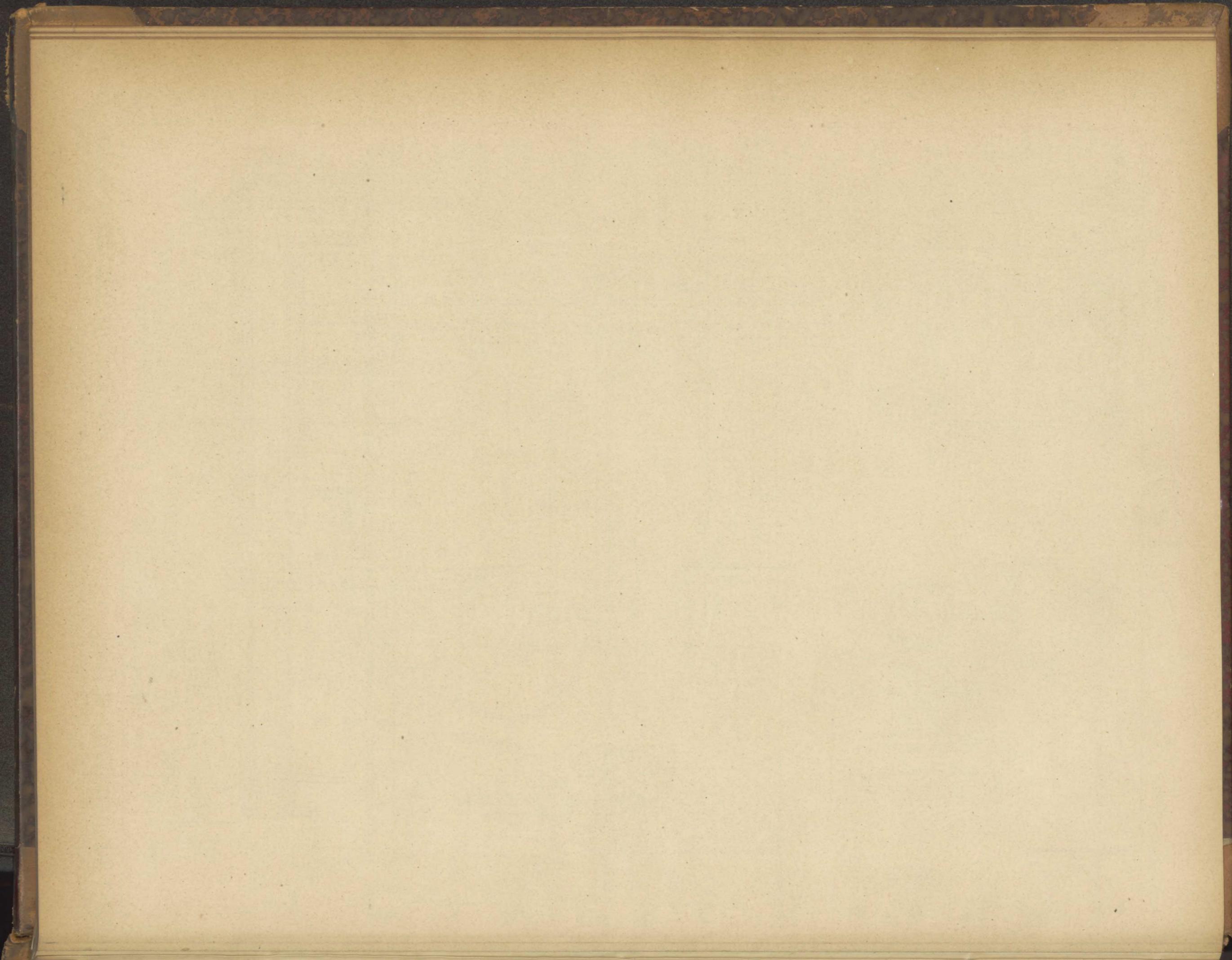


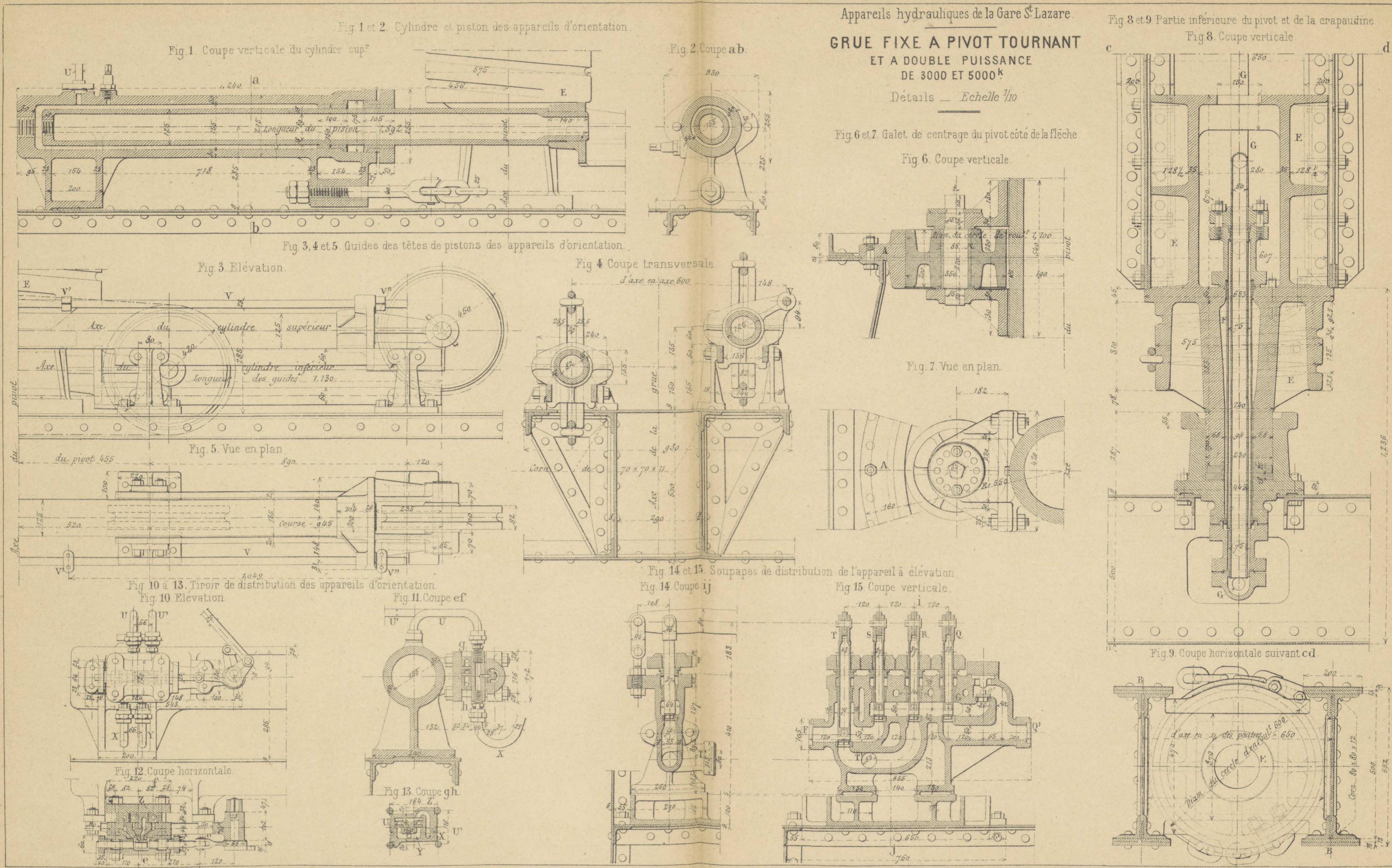


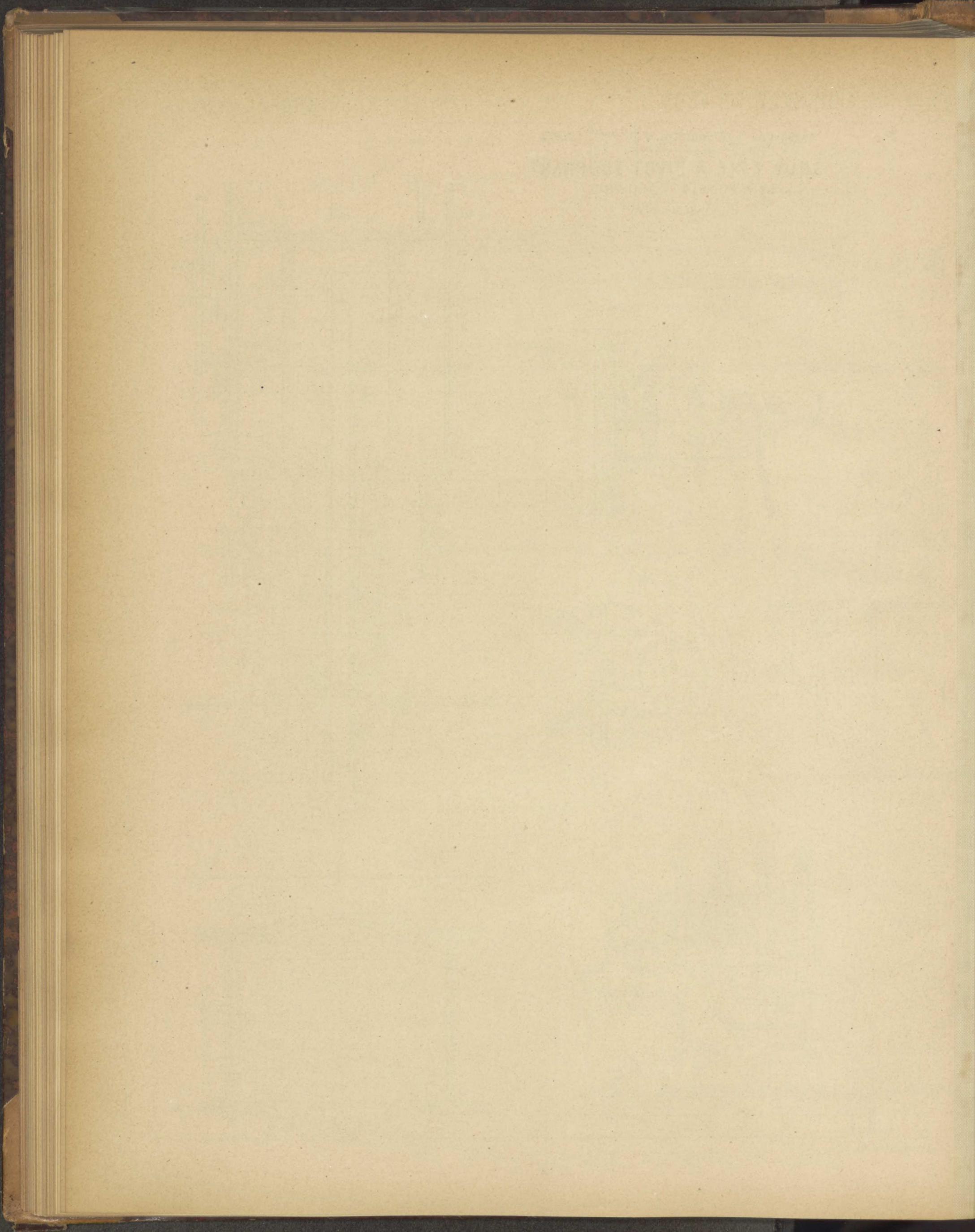


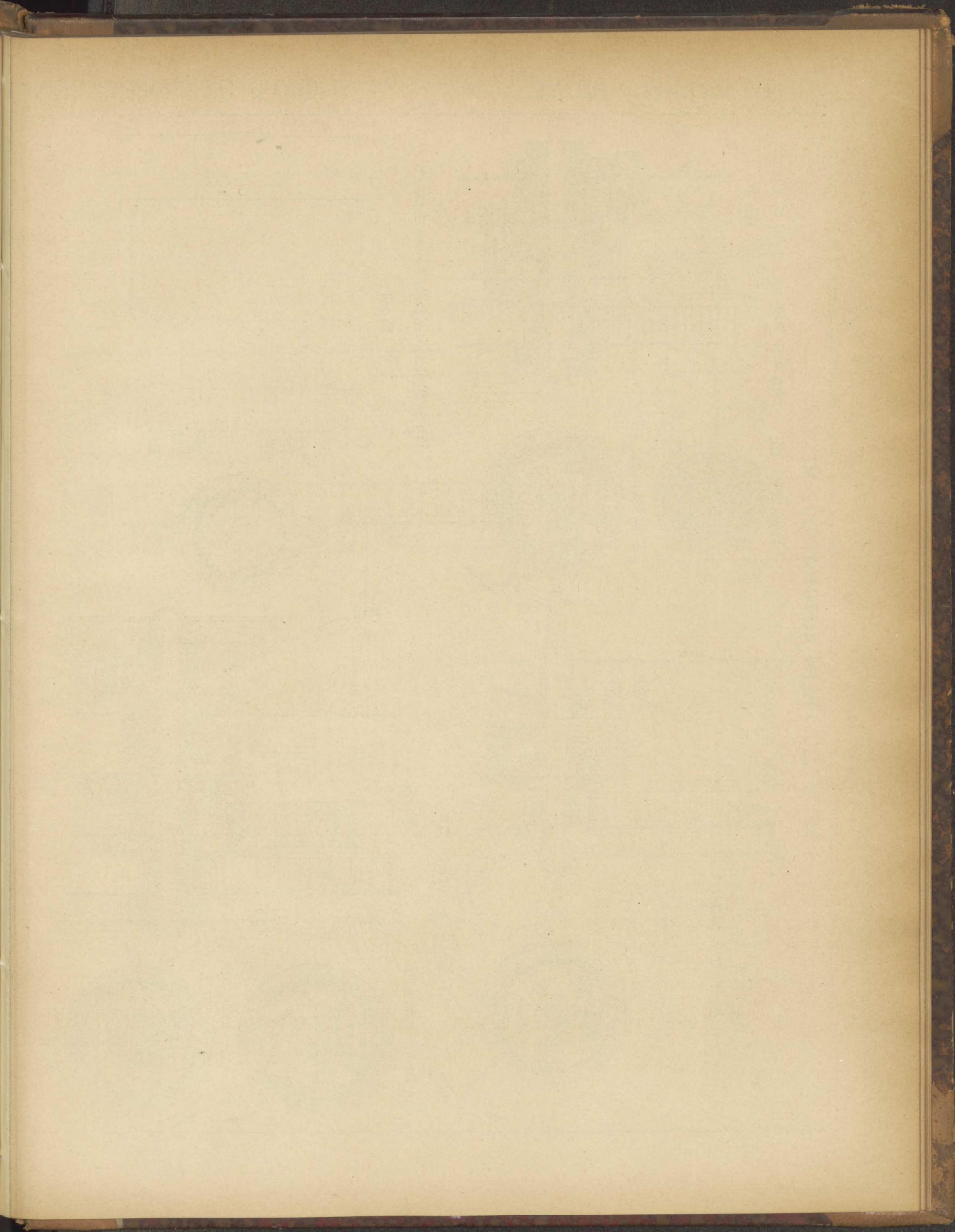












BOITE DU FREIN AUTOMATIQUE MÉGY

Fig. 1 et 2.

Avec marche droite et gauche

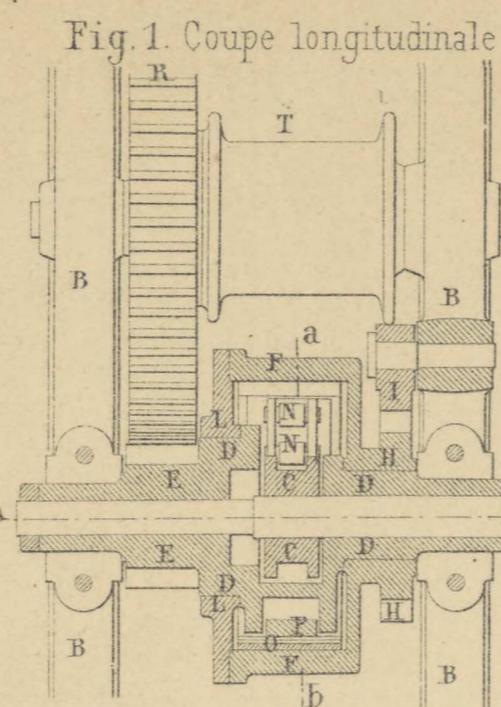


Fig. 2. Coupe ab

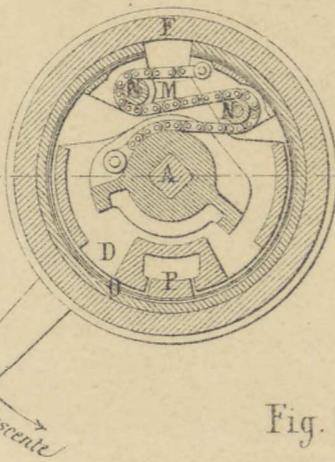


Fig. 4. Coupe ab.

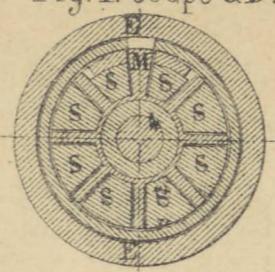


Fig. 3 à 5. Avec régulateur de vitesse.

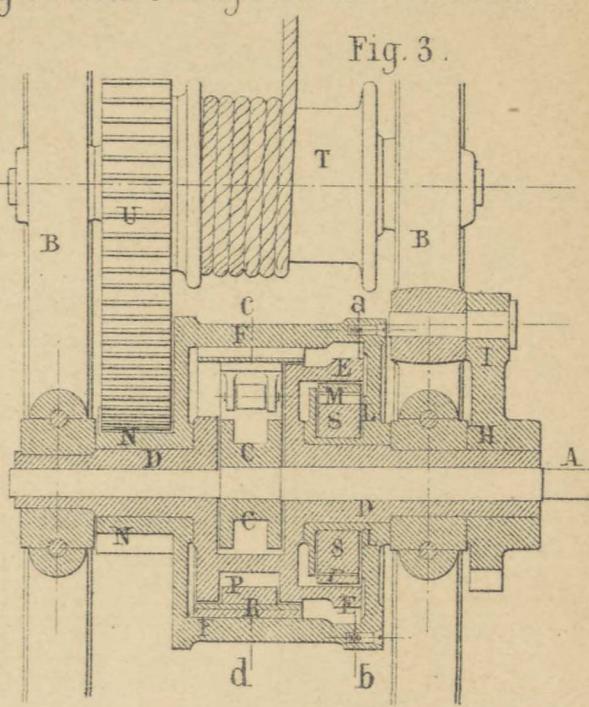


Fig. 6 à 8. Type mixte.

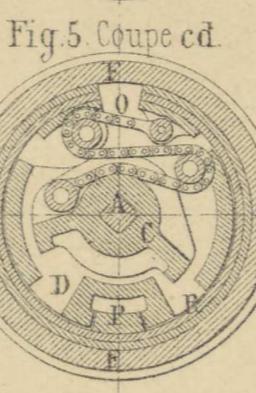
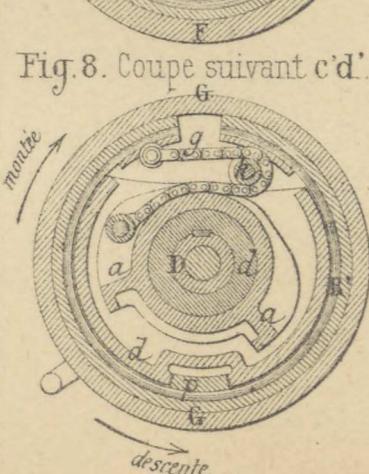
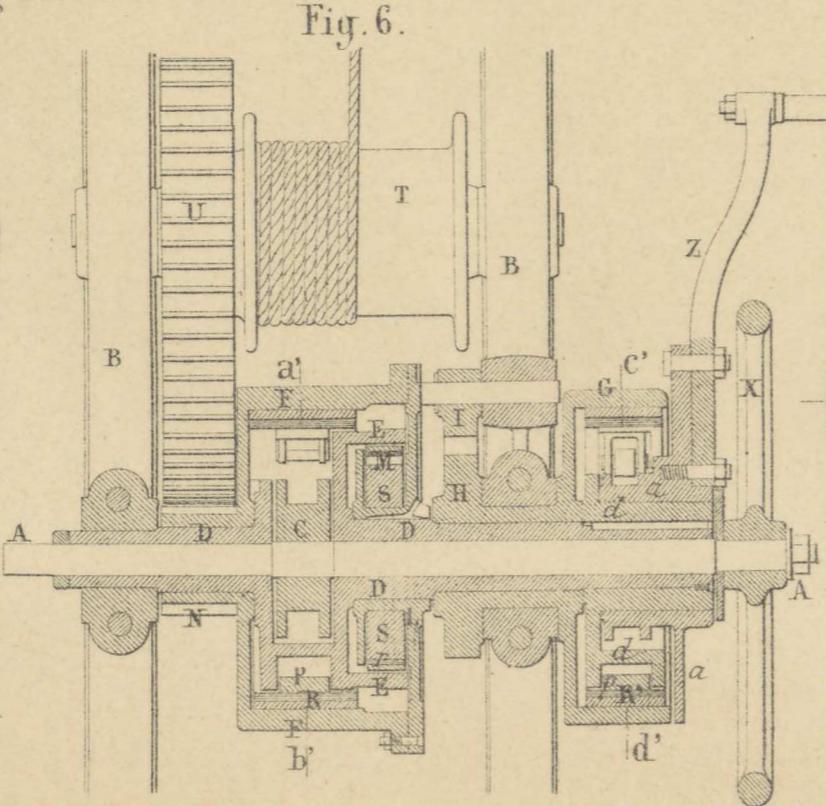


Fig. 9 et 10. Disposition du cliquet dormant

Fig. 9.

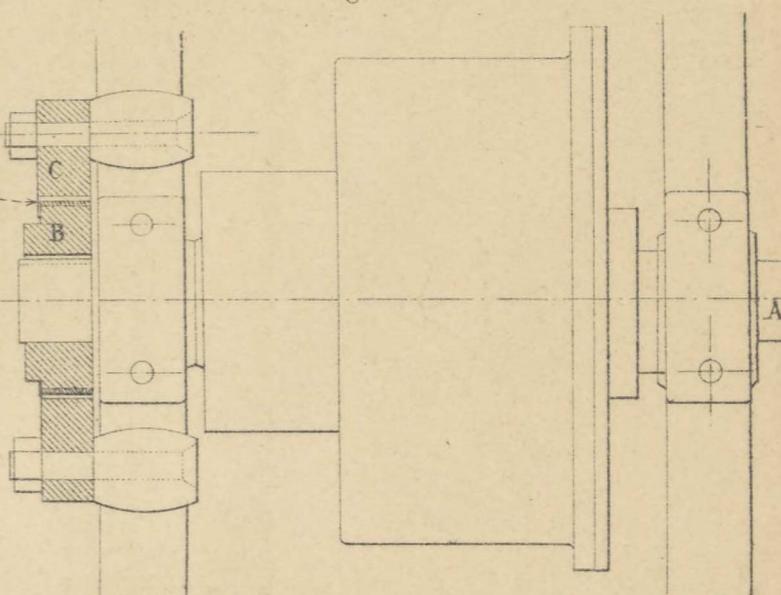
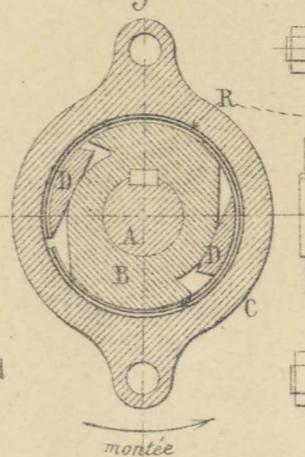
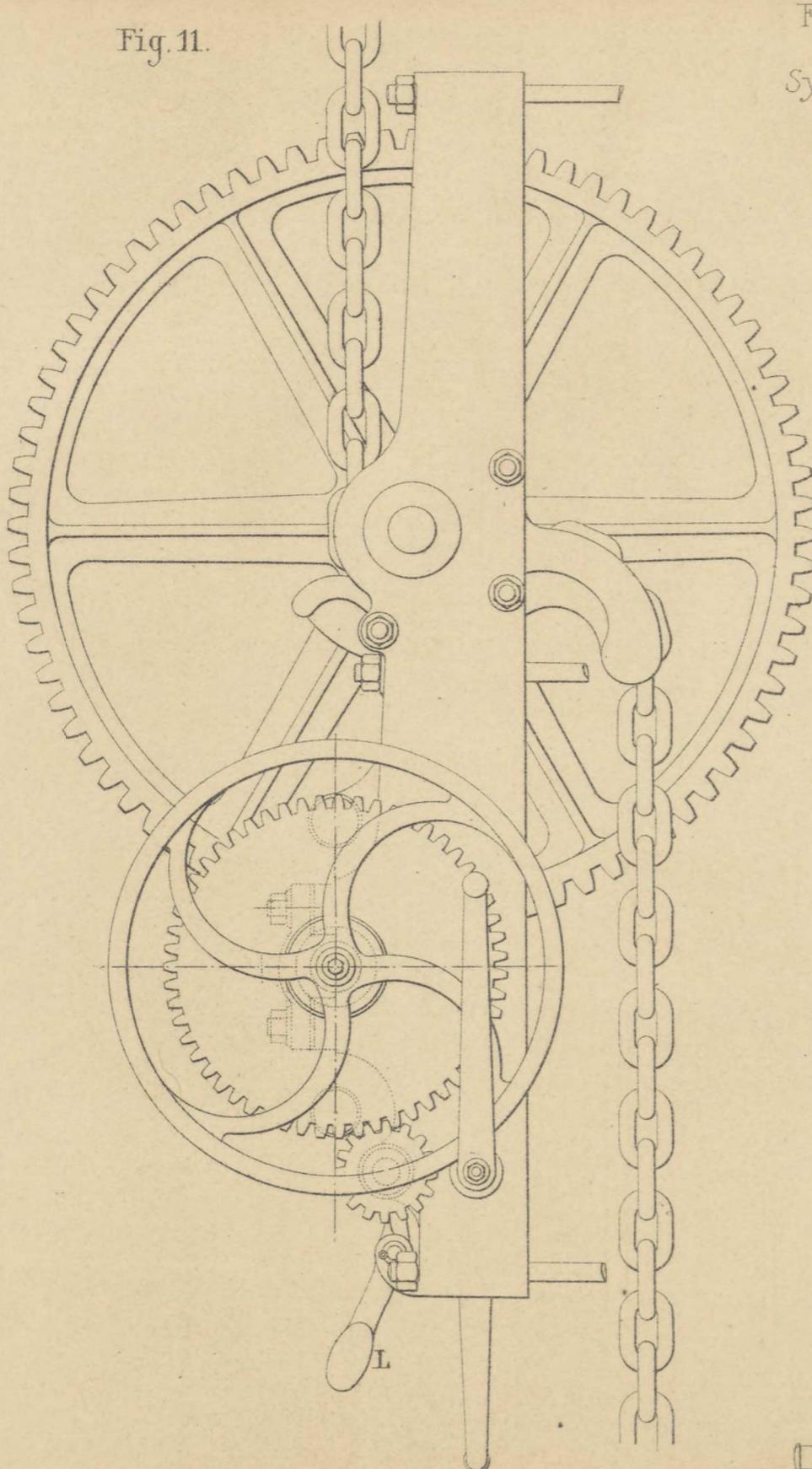


Fig. 10.



TREUIL à deux vitesses.

Fig. 11.

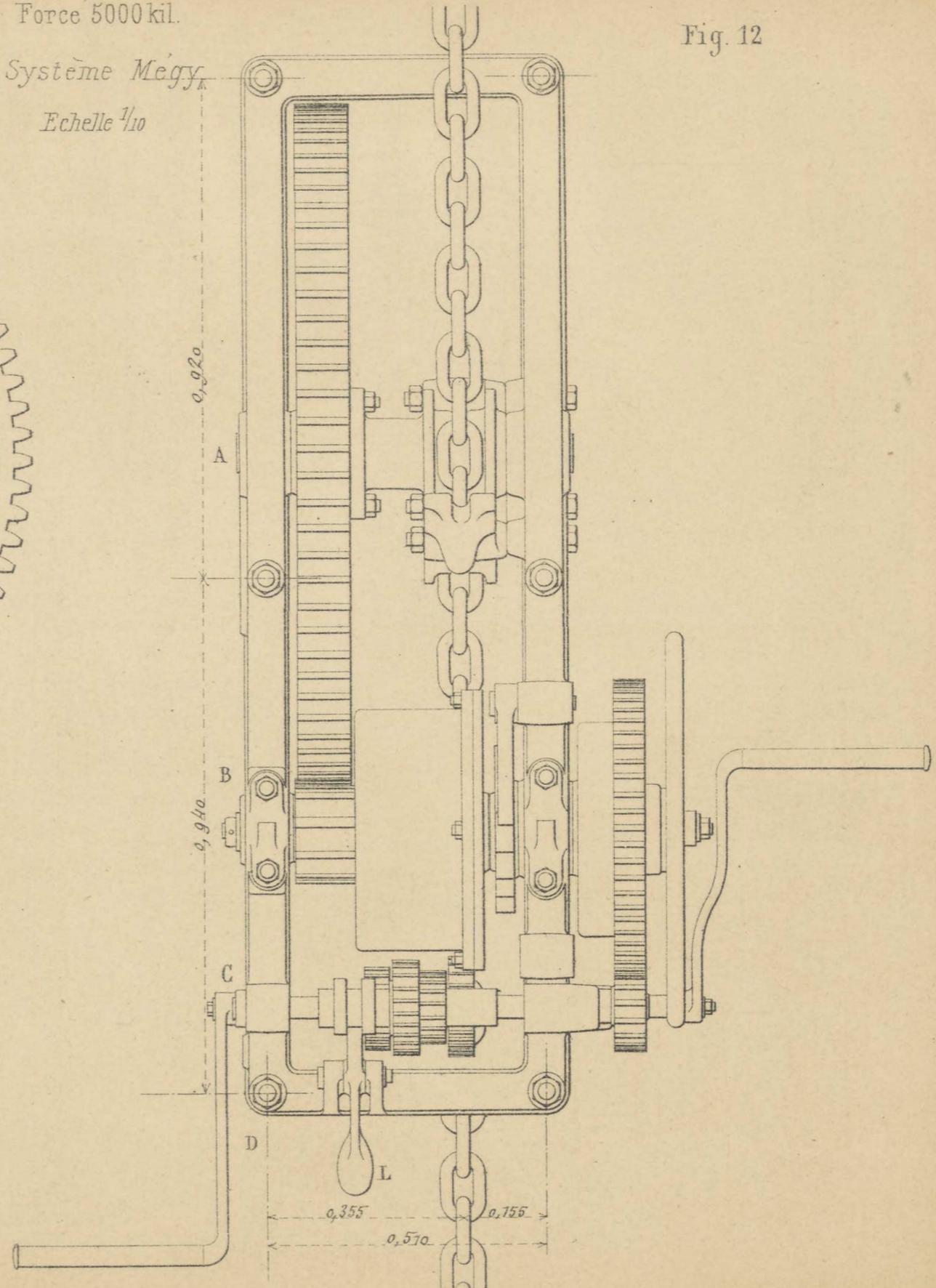


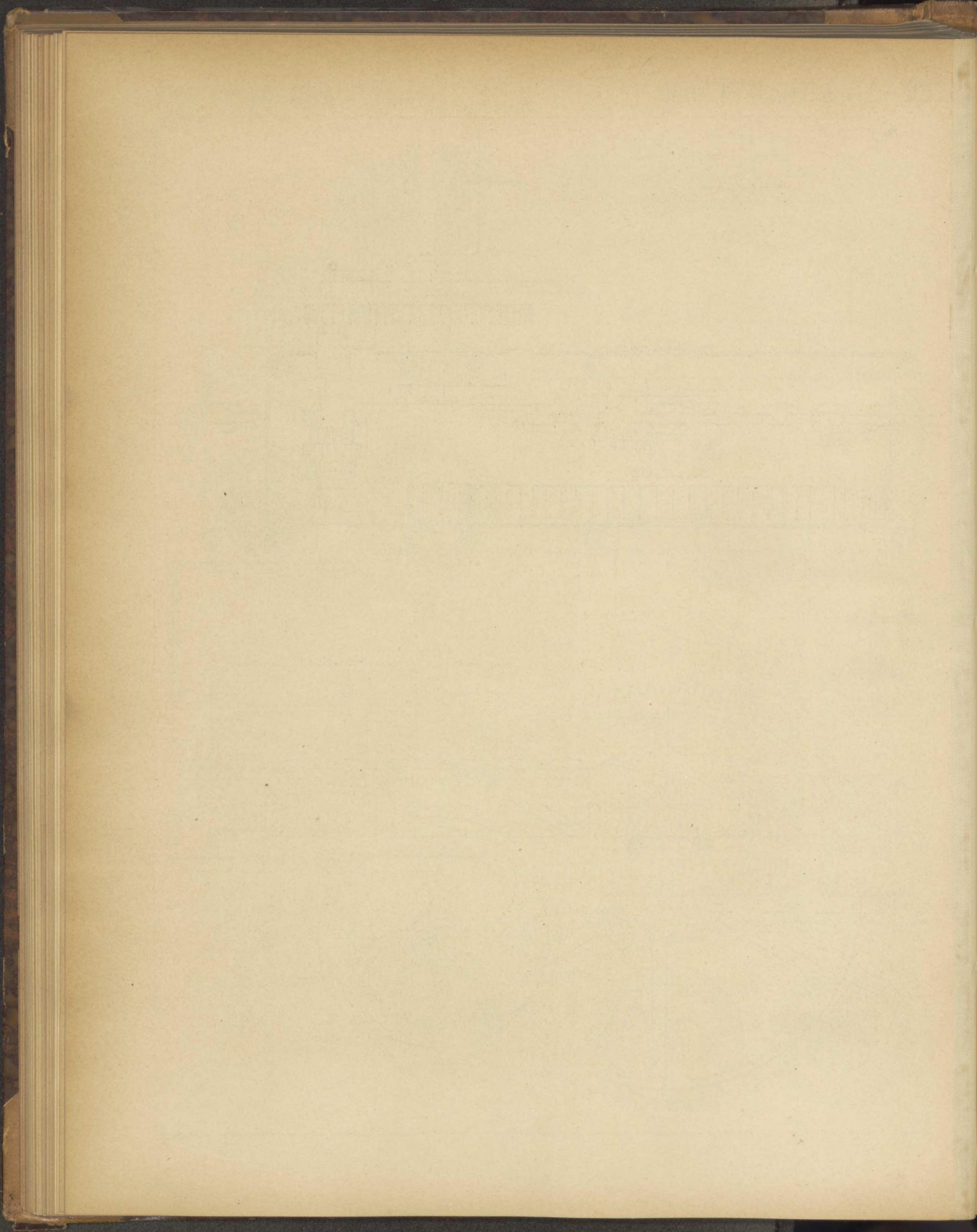
Force 5000 kil.

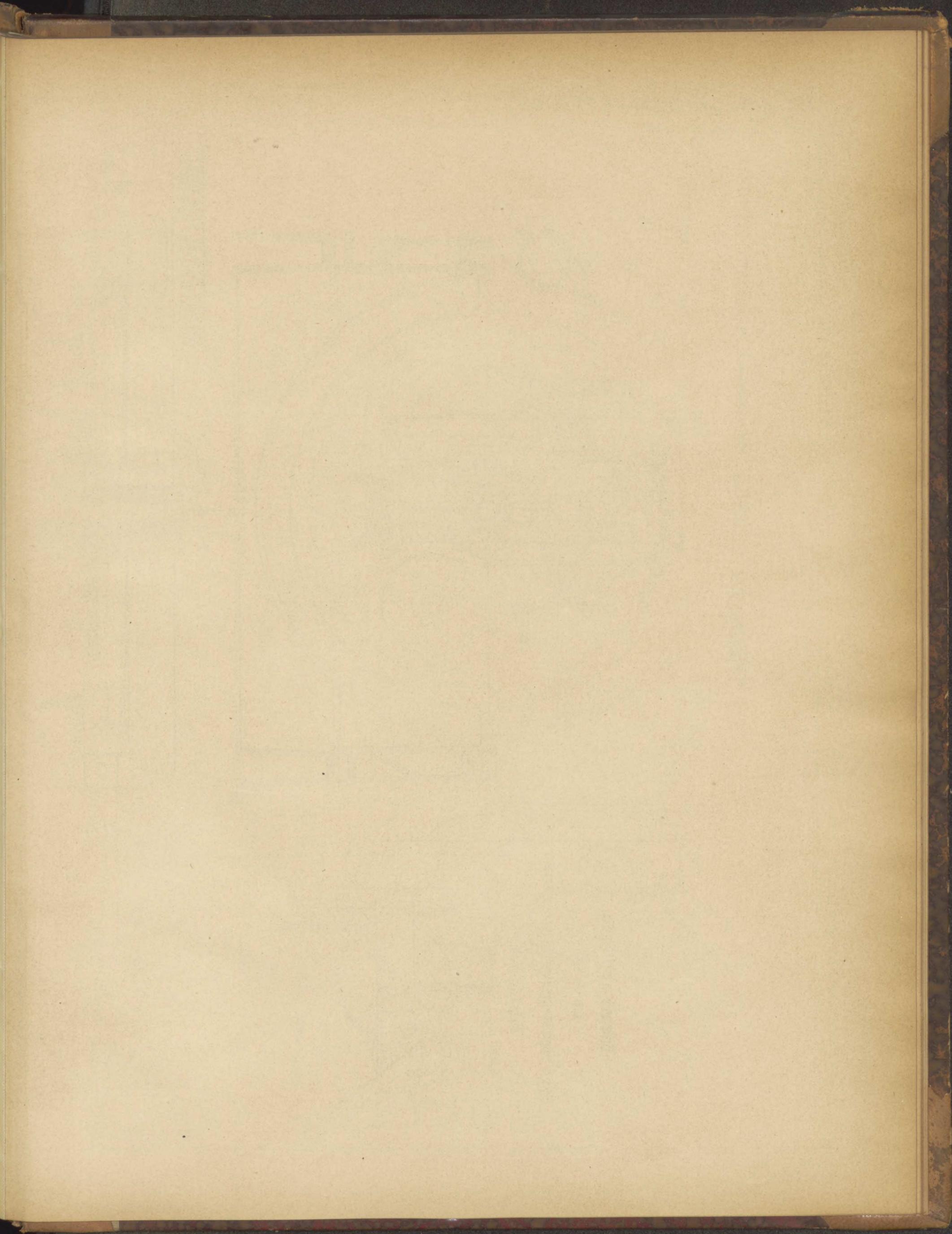
Système Méggy

Echelle $\frac{1}{10}$

Fig. 12



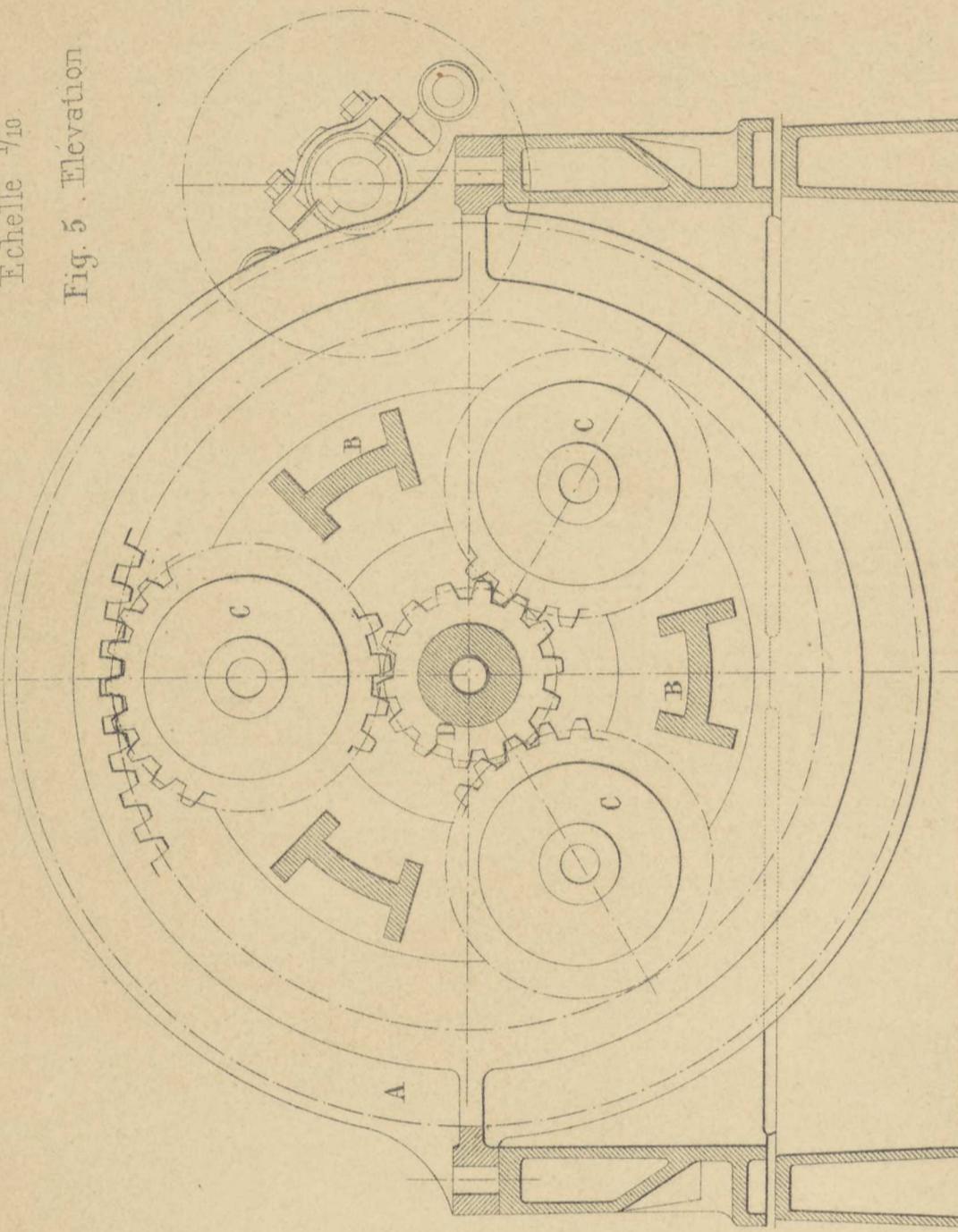




TREUIL DE LEVAGE Mouvement planétaire. Système Megy.

Echelle $\frac{1}{10}$

Fig. 5. Elevation



Treuil applique

Force 500 kil.

Type régulateur avec cliquet dormant.

Fig. 1. Elevation.

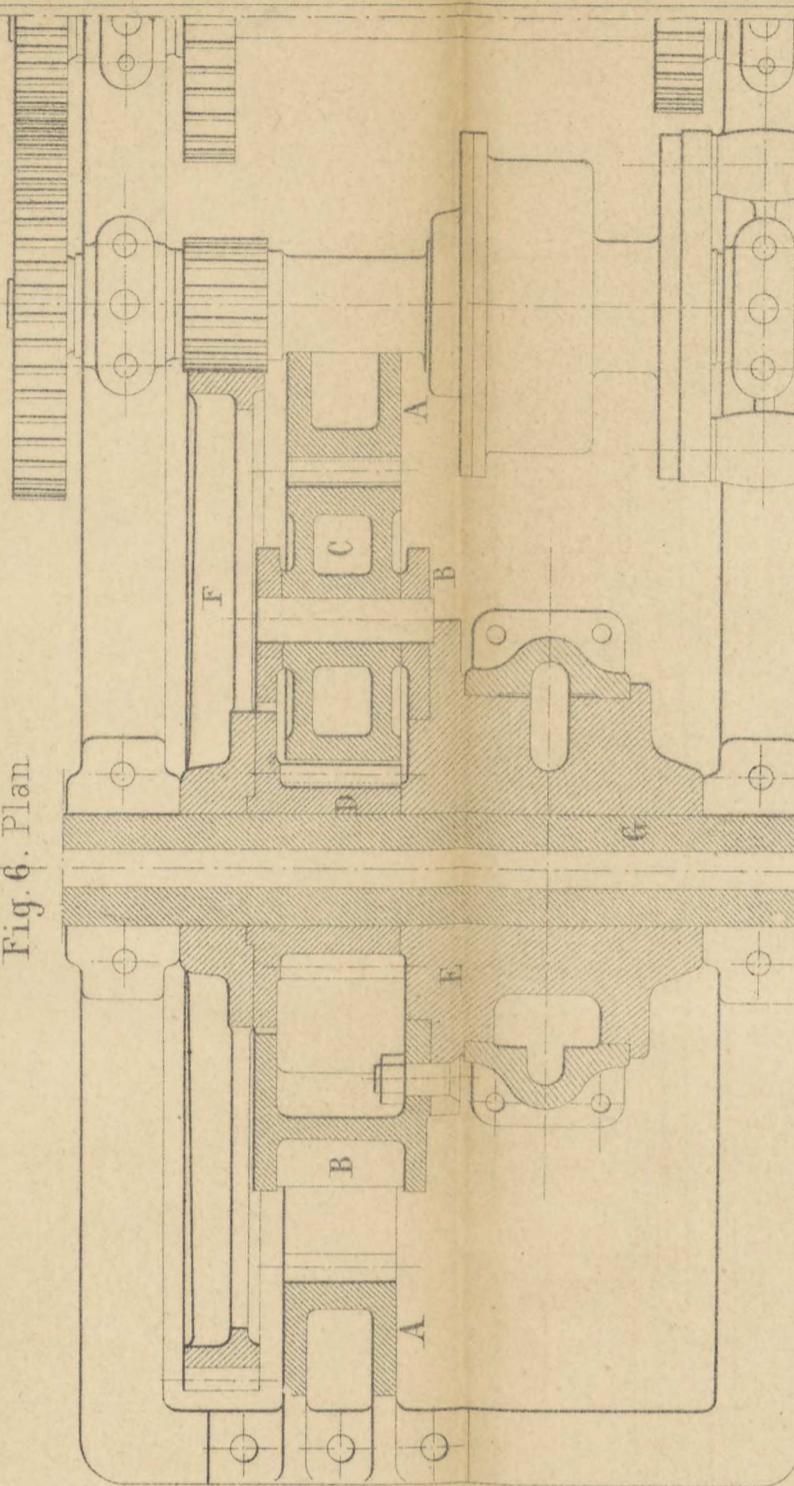
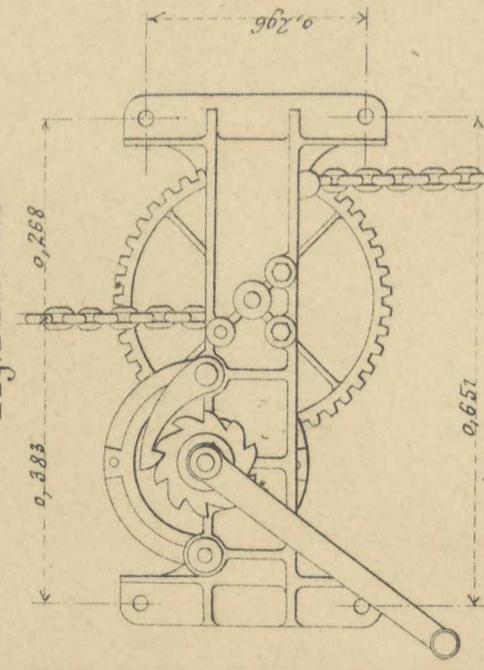
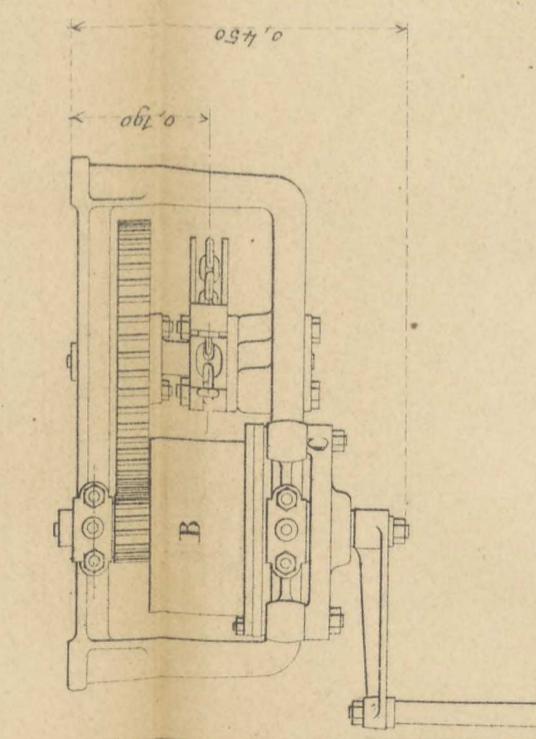


Fig. 2. Plan



Micro-treuil vertical à deux vitesses.

Force 3000 kil.

Système Megy

Echelle $\frac{1}{10}$

Fig. 4.

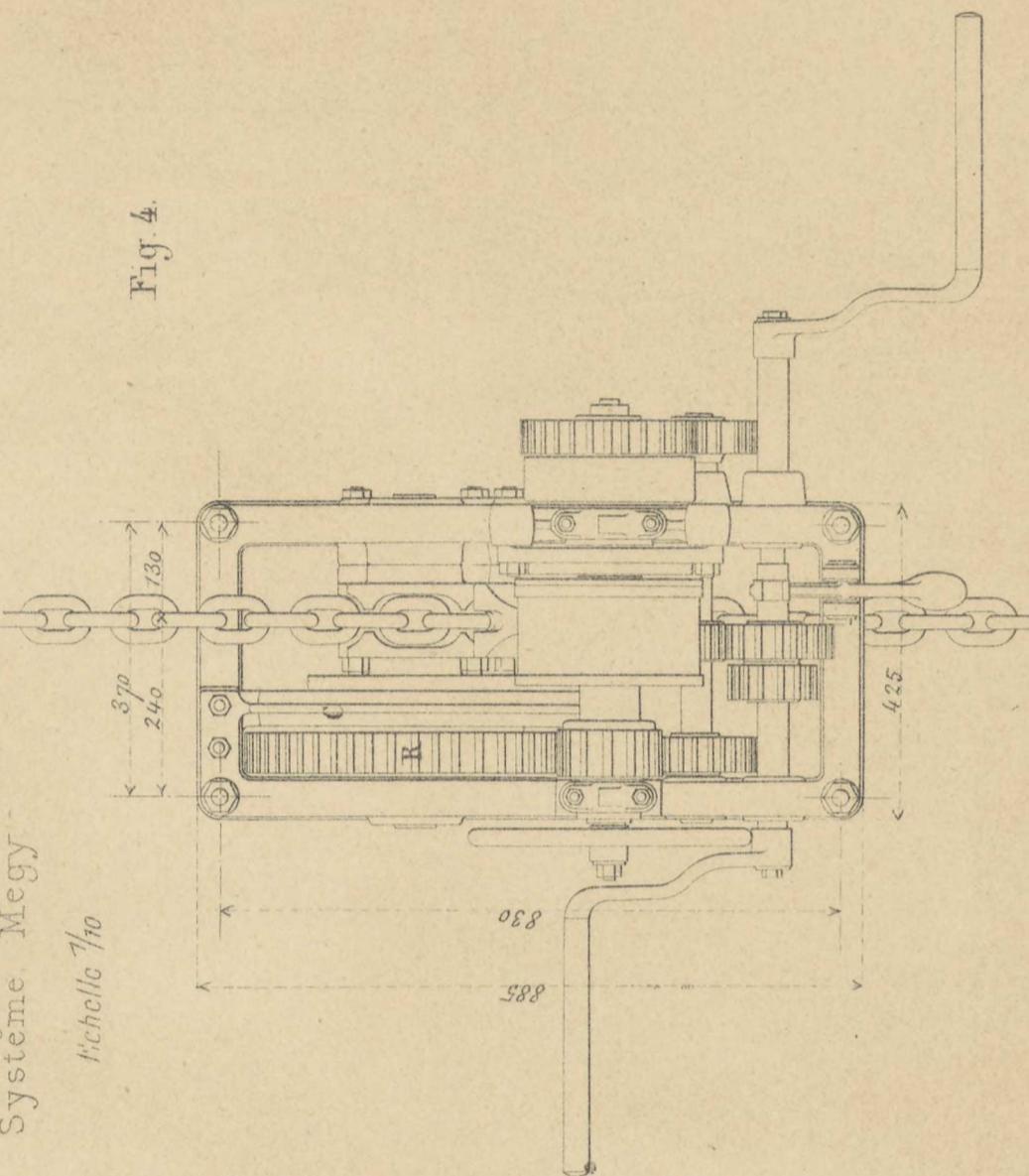
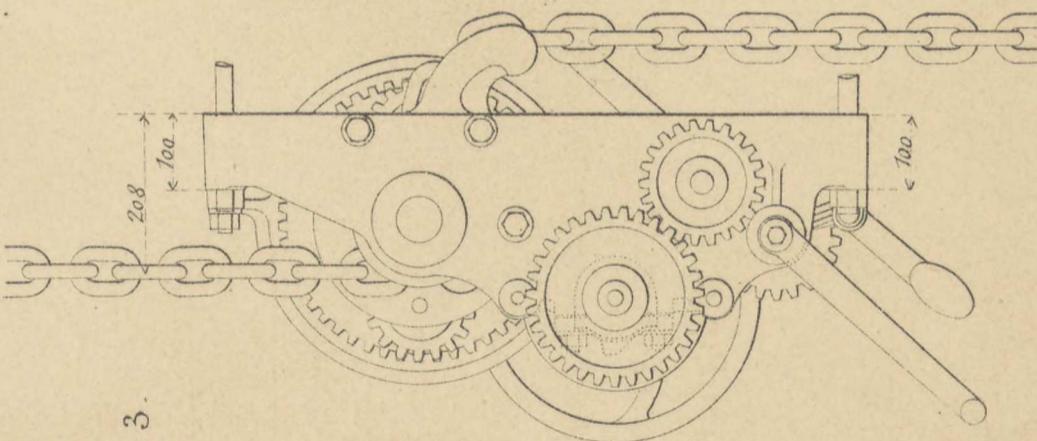
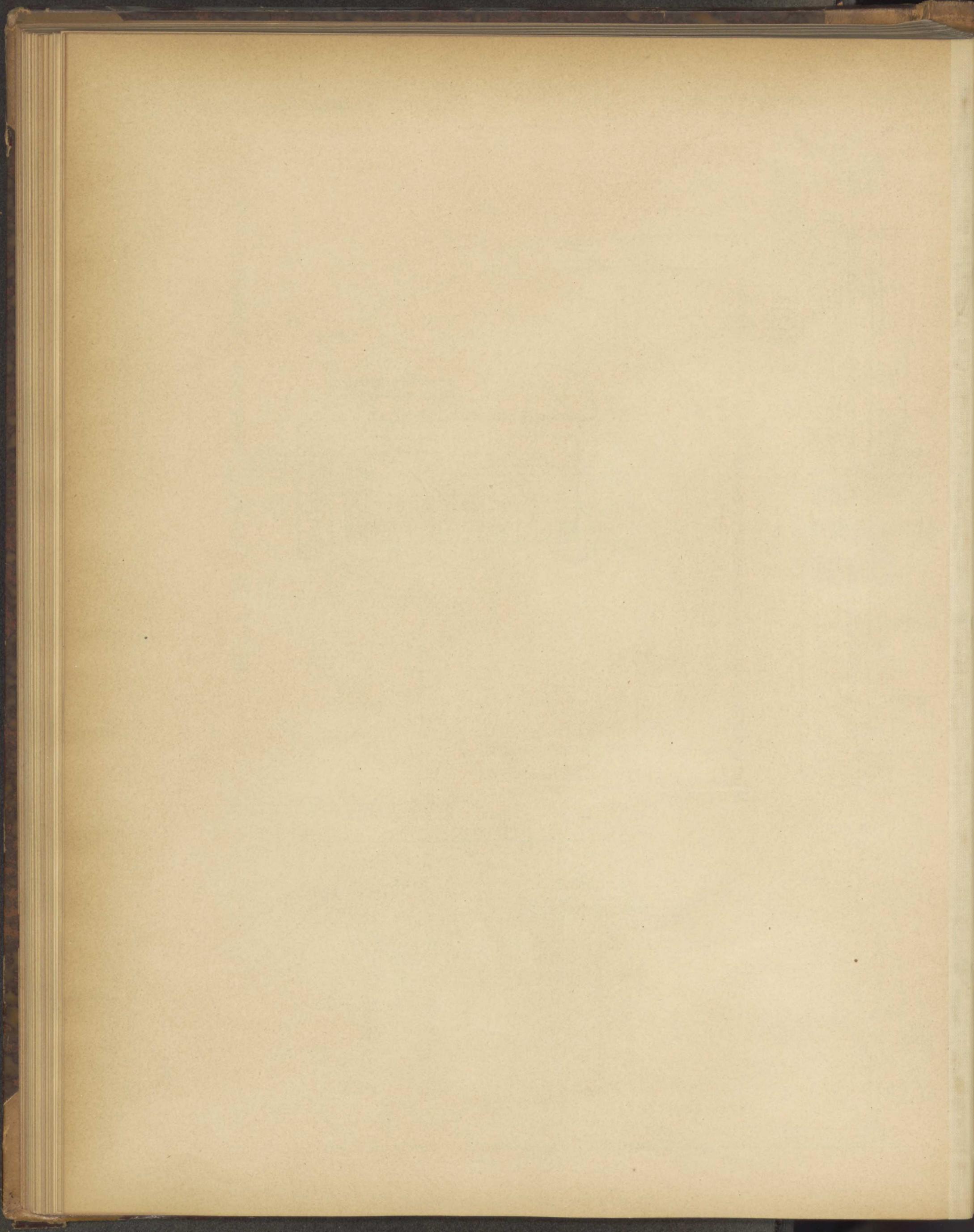
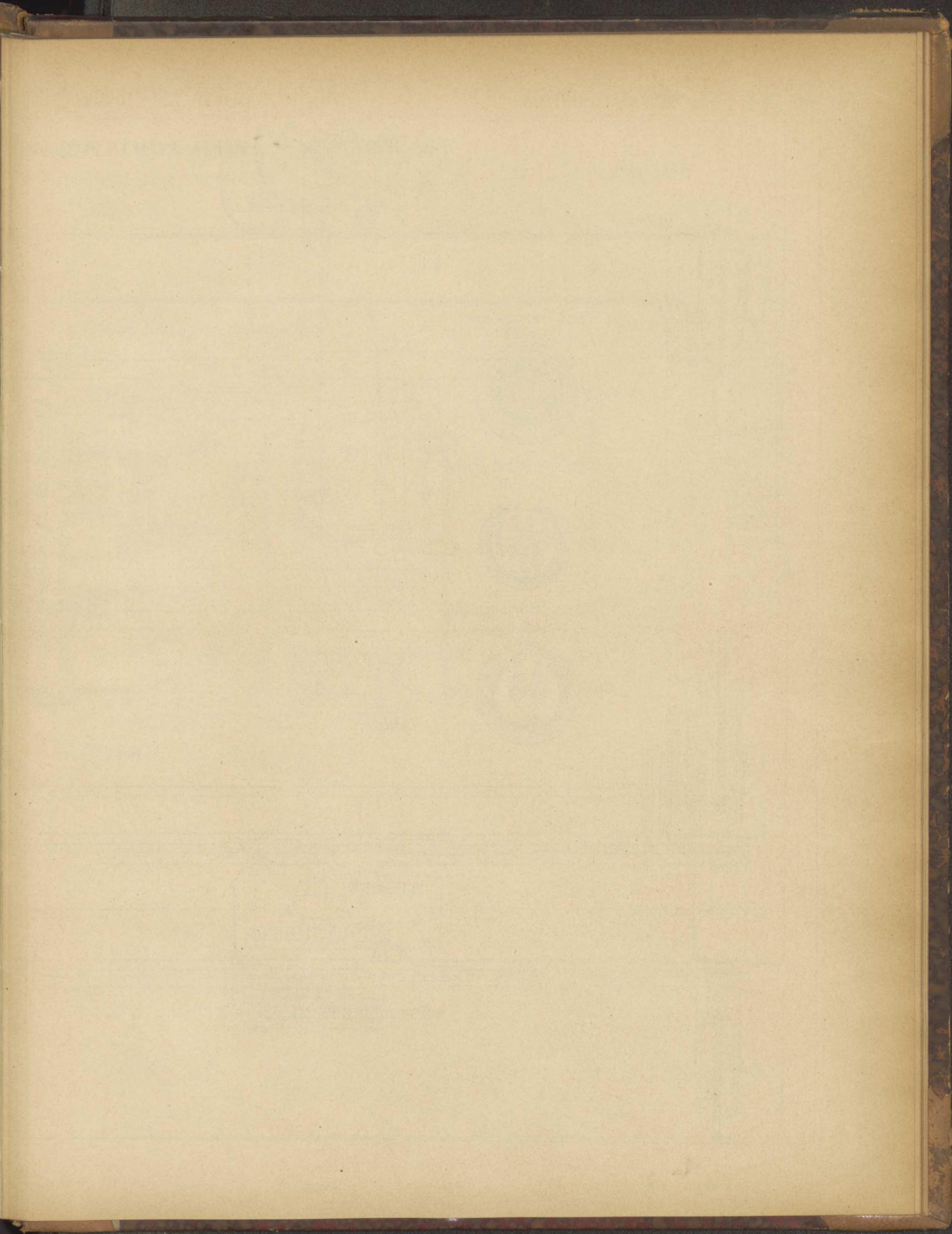
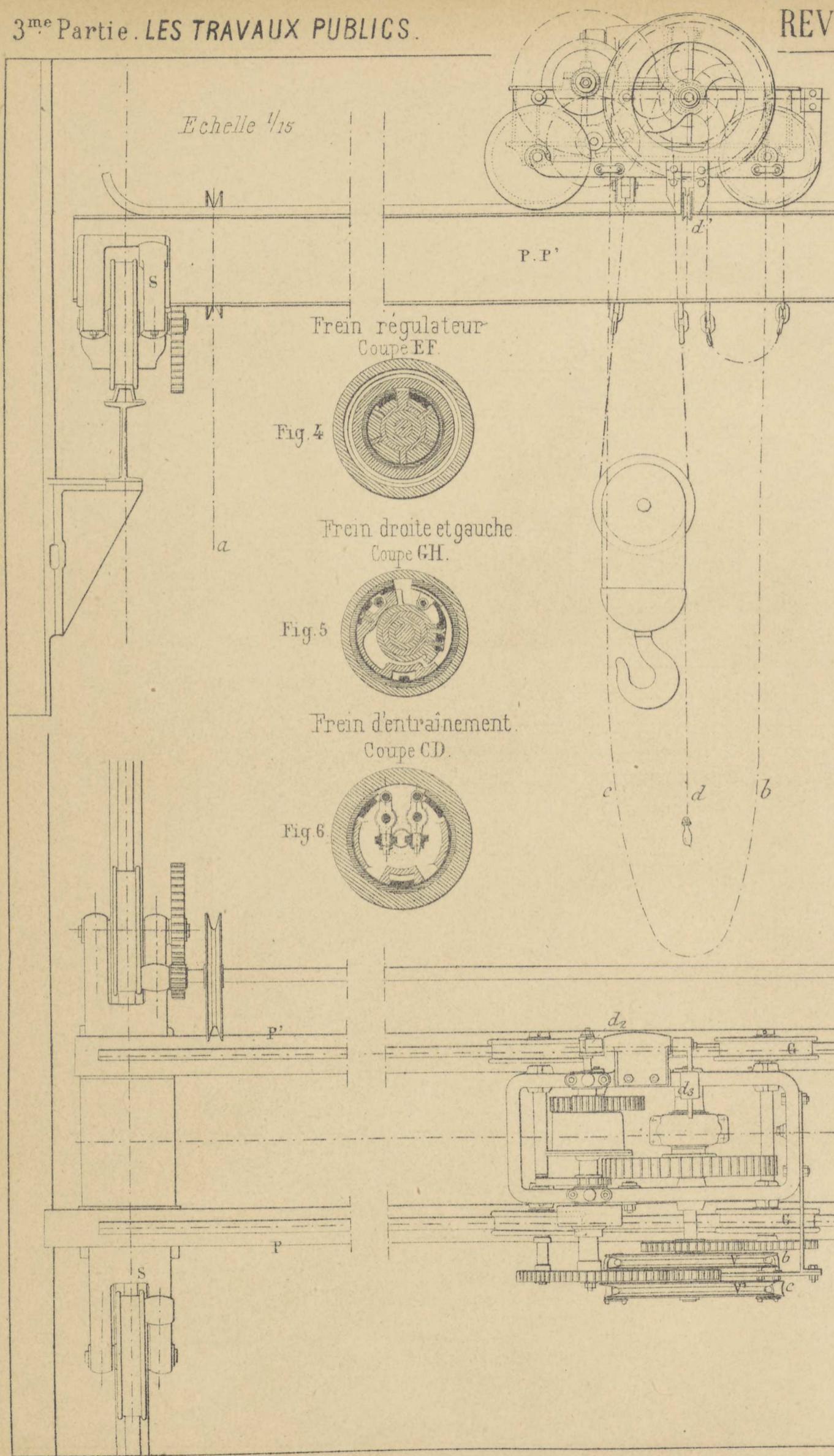


Fig. 3.



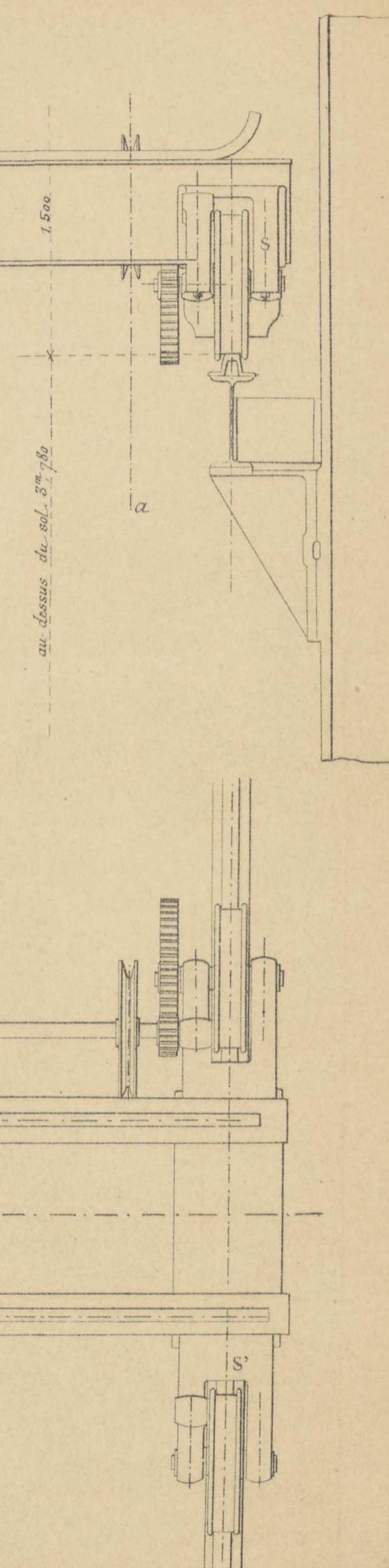


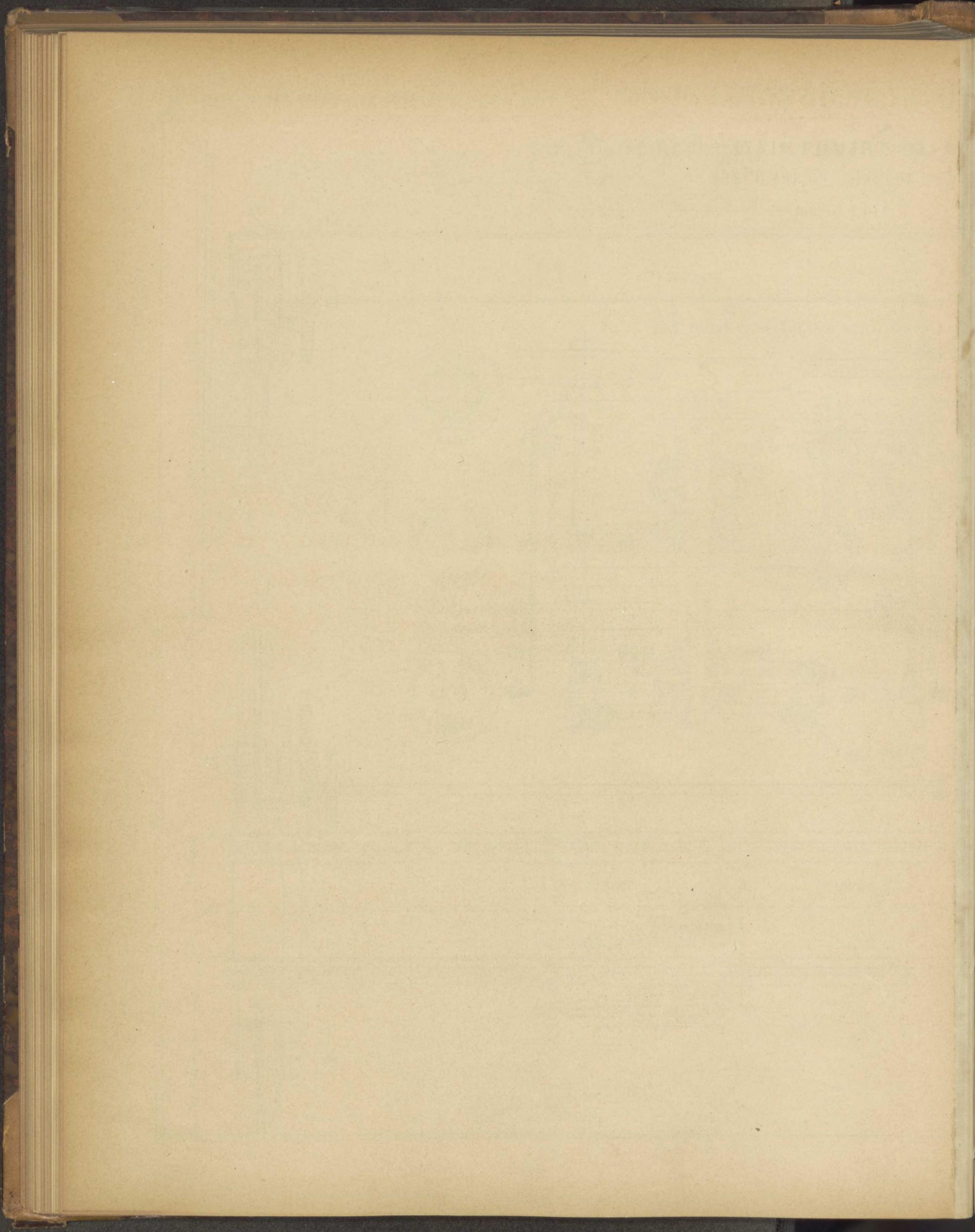


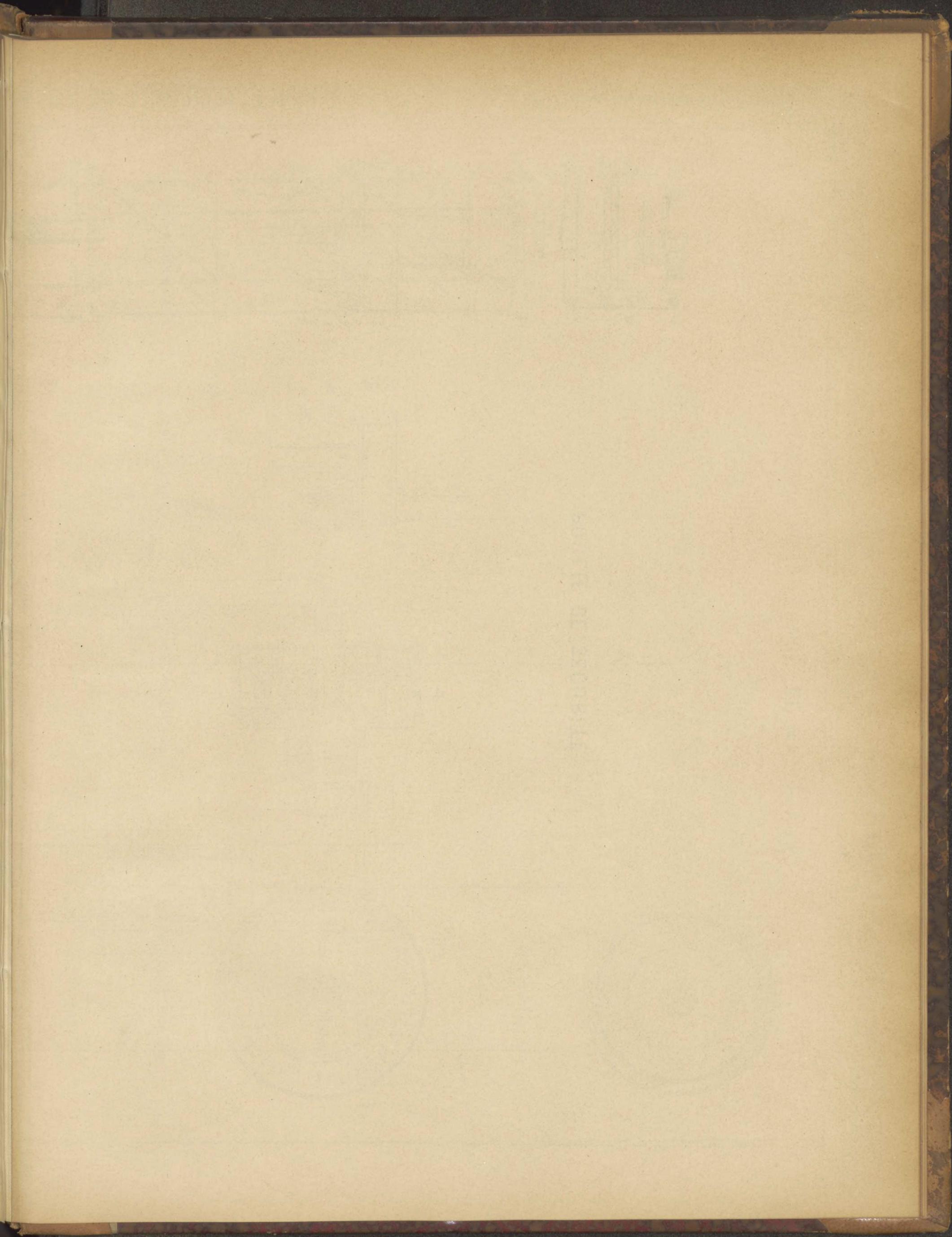


PONT ROULANT AVEC TREUIL MIXTE (Système Mégy)
Force 3000 kil. Portée 9^m. 262.

Fig. 1 Elevation.







TREUIL POUR LEVAGE DE MATERIAUX

Echelle $\frac{1}{10}$

Fig. 2. Élevation.

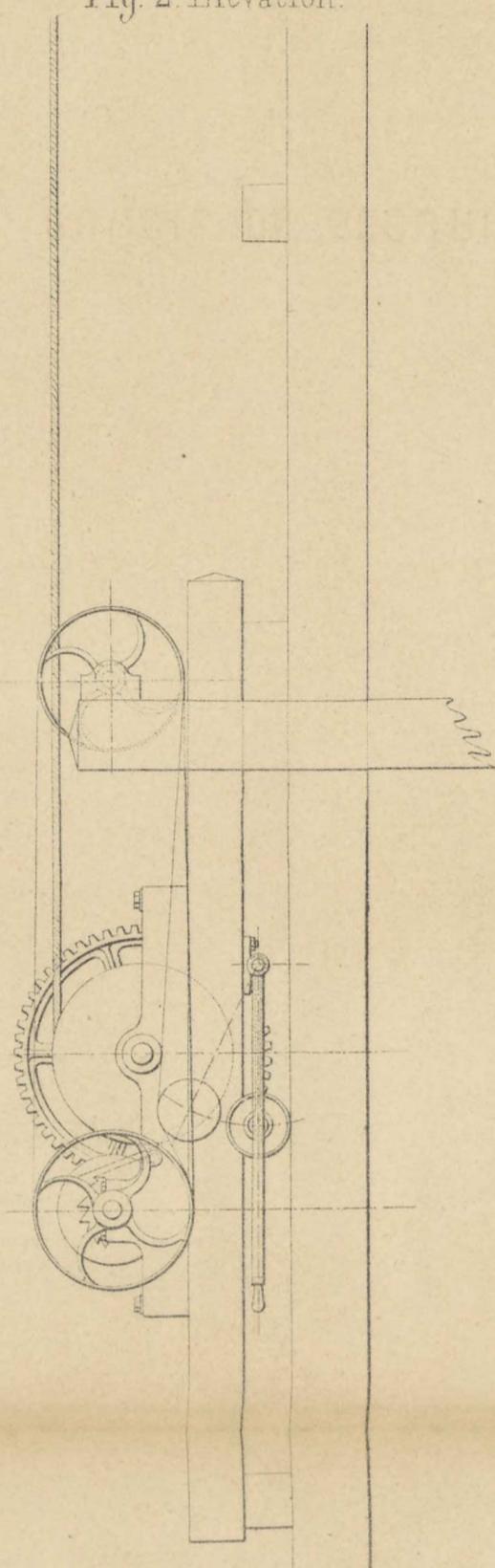


Fig. 3. Vue de face

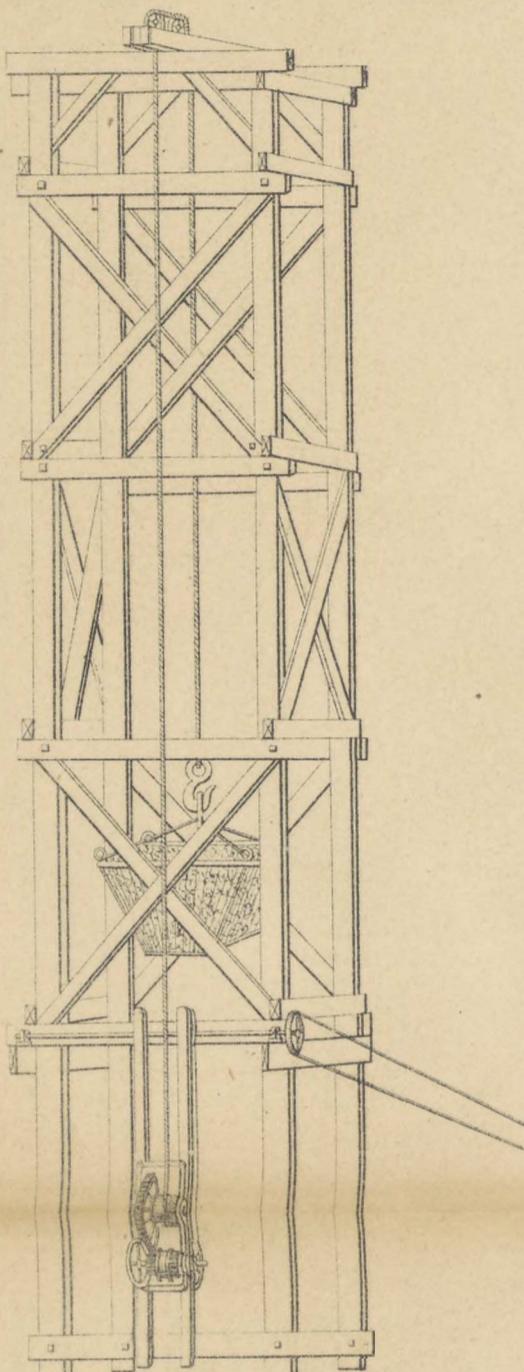
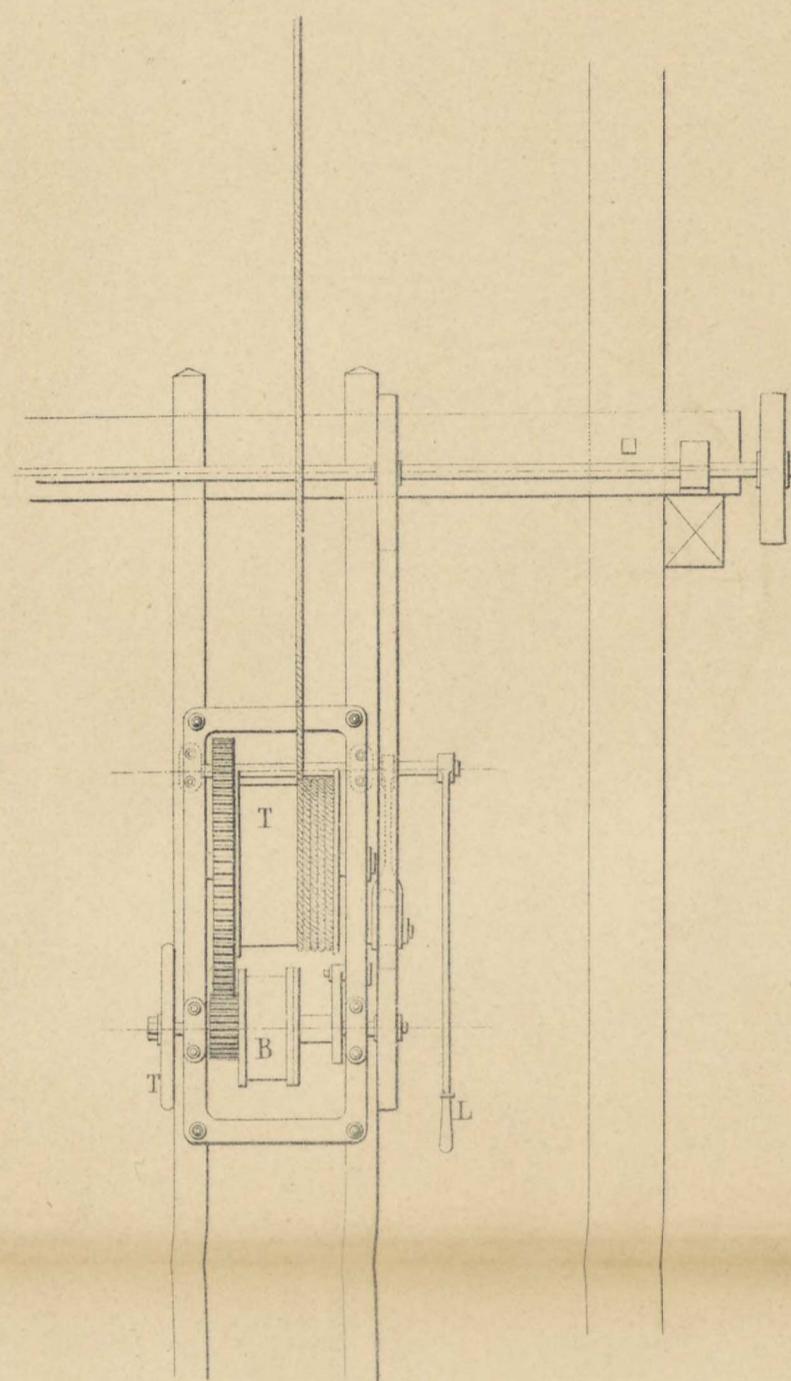


Fig. 1. Ensemble.

Fig. 4. Élevation.

Fig. 5. Plan.

Fig. 6. Profil

Fig. 7. Coupe suivant e f.

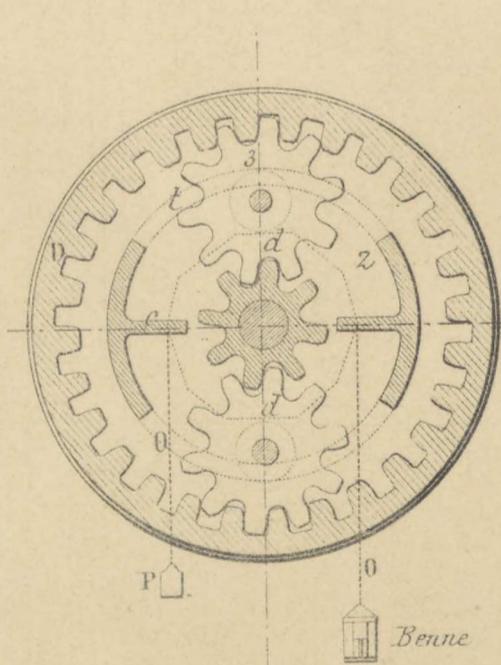
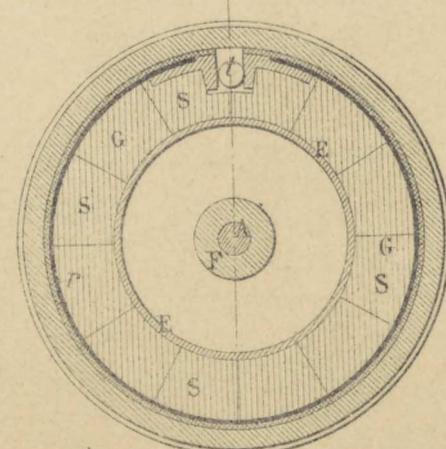
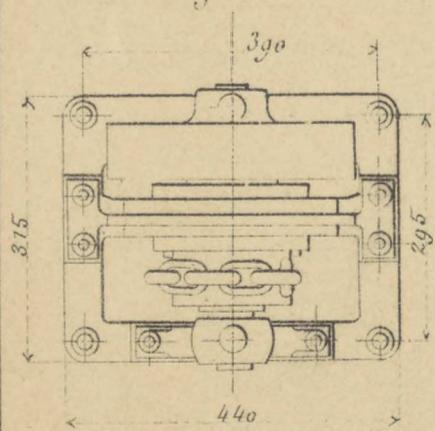
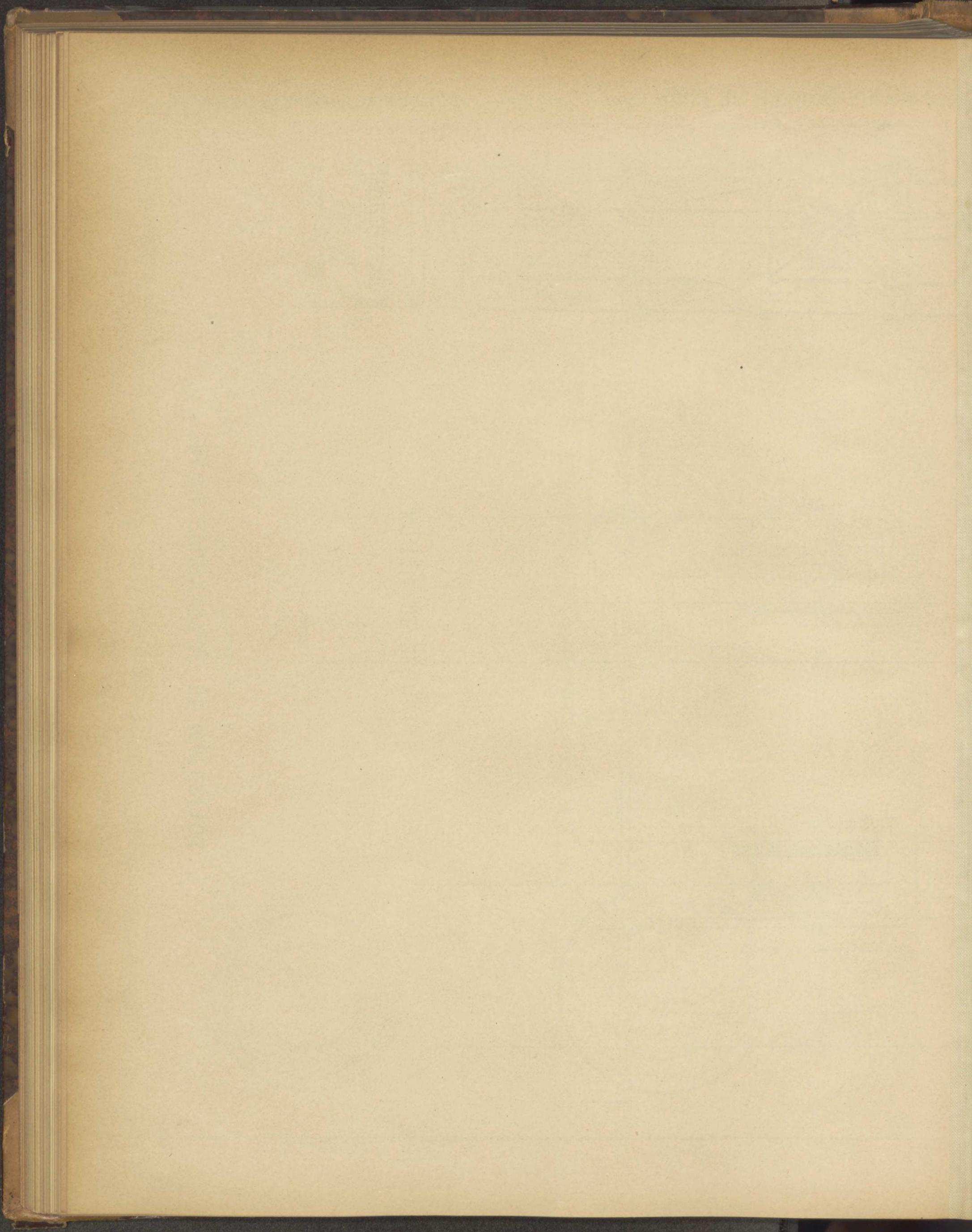


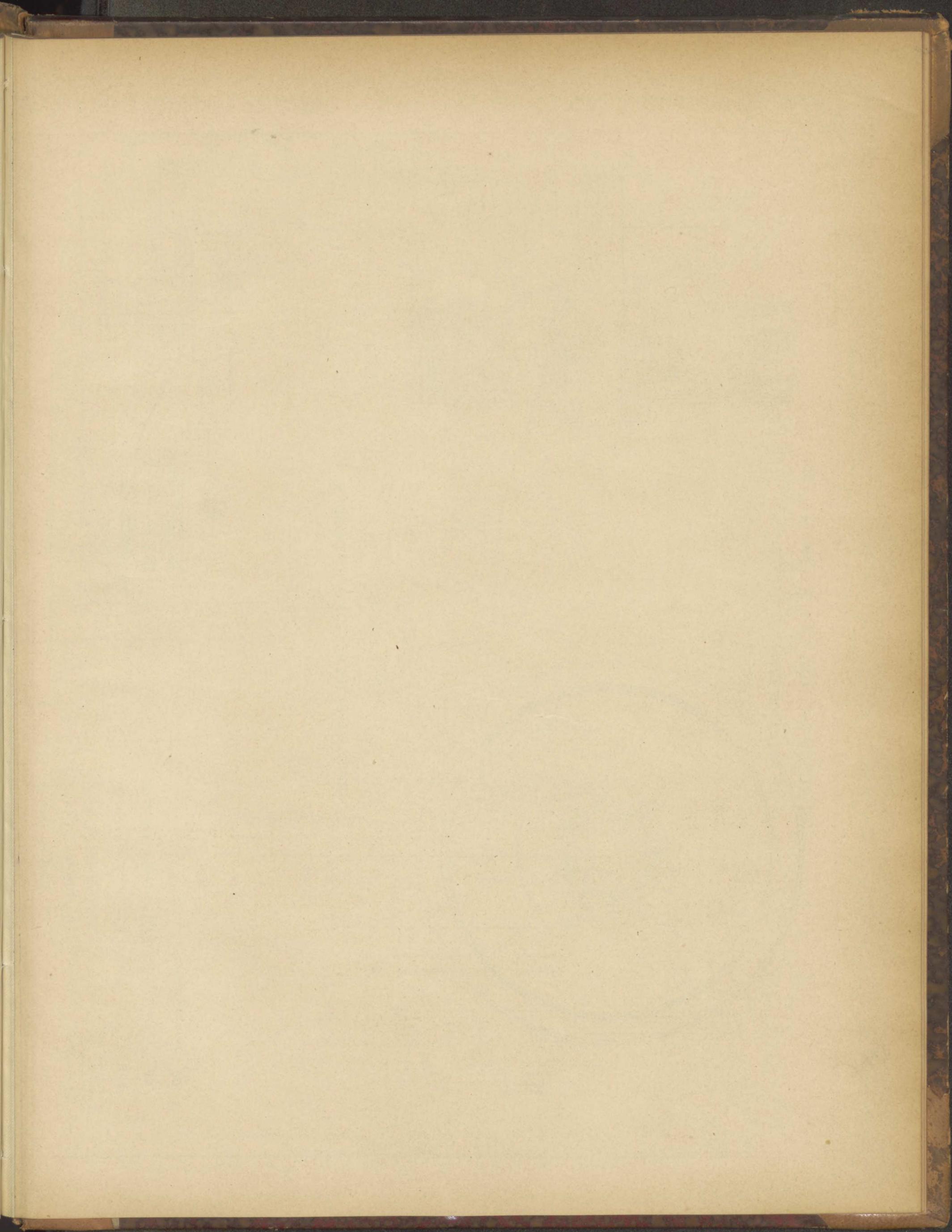
Fig. 9. Coupe suivant cd.

POULIE DE SÉCURITÉ

Système Mégy.







MACHINE A VAPEUR HORIZONTALE

avec régulateur de vitesse.

(Système Mégy.)

Echelle $\frac{1}{10}$

Fig. 1. Elevation

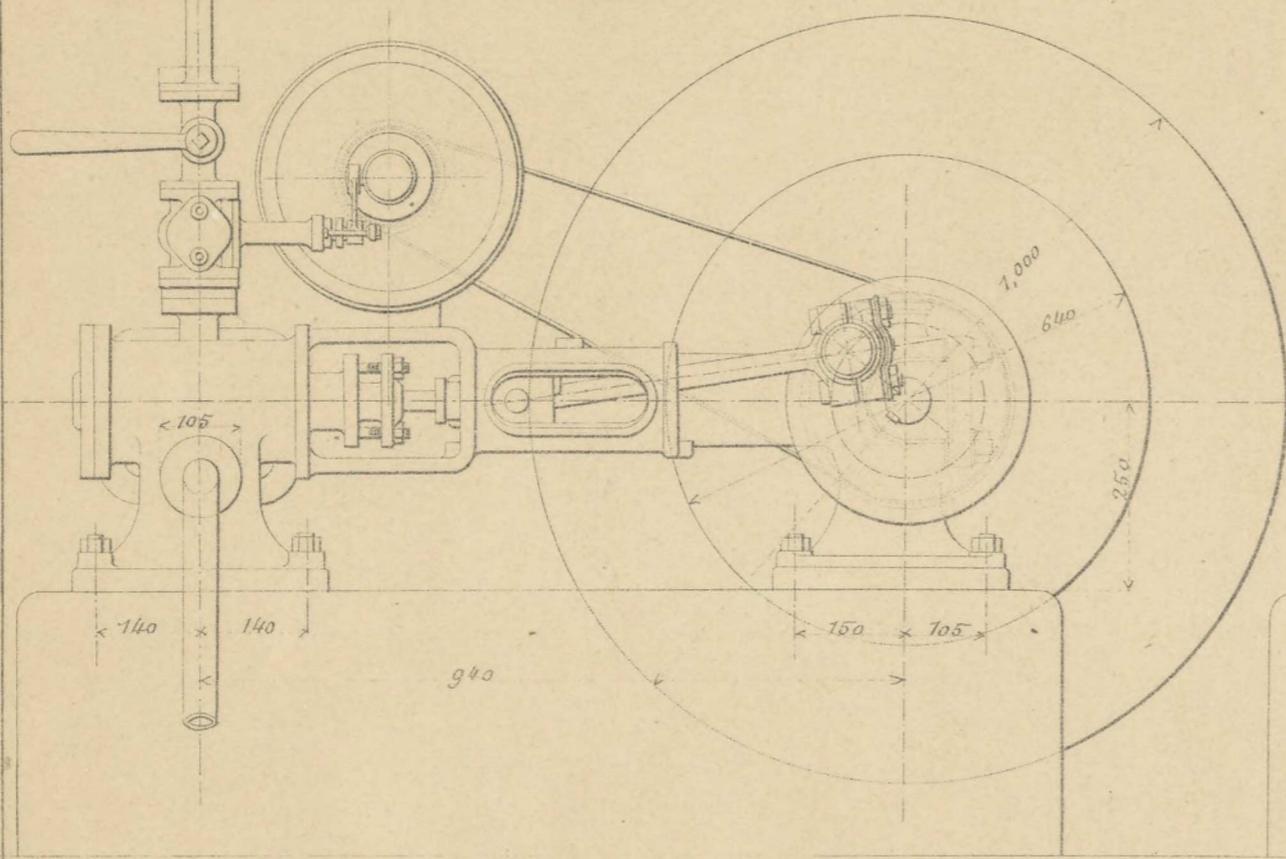


Fig. 3. Profil.

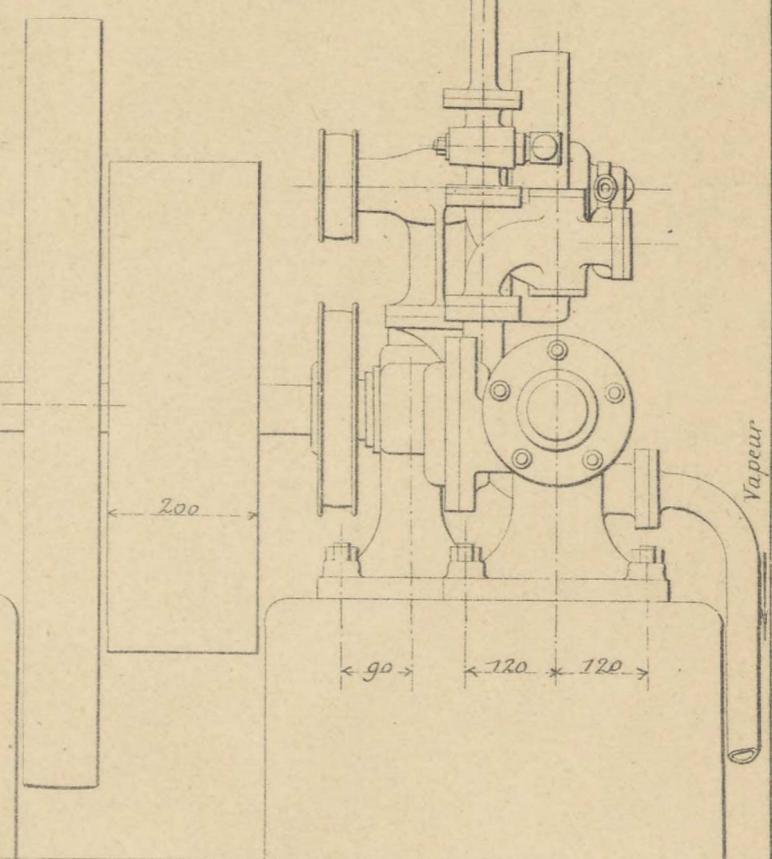
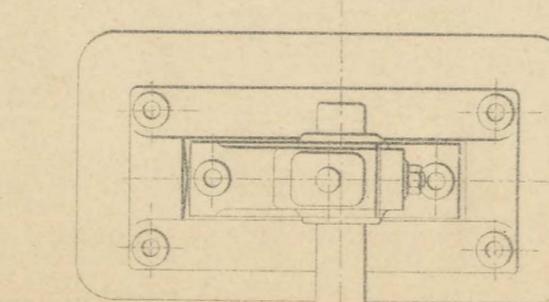
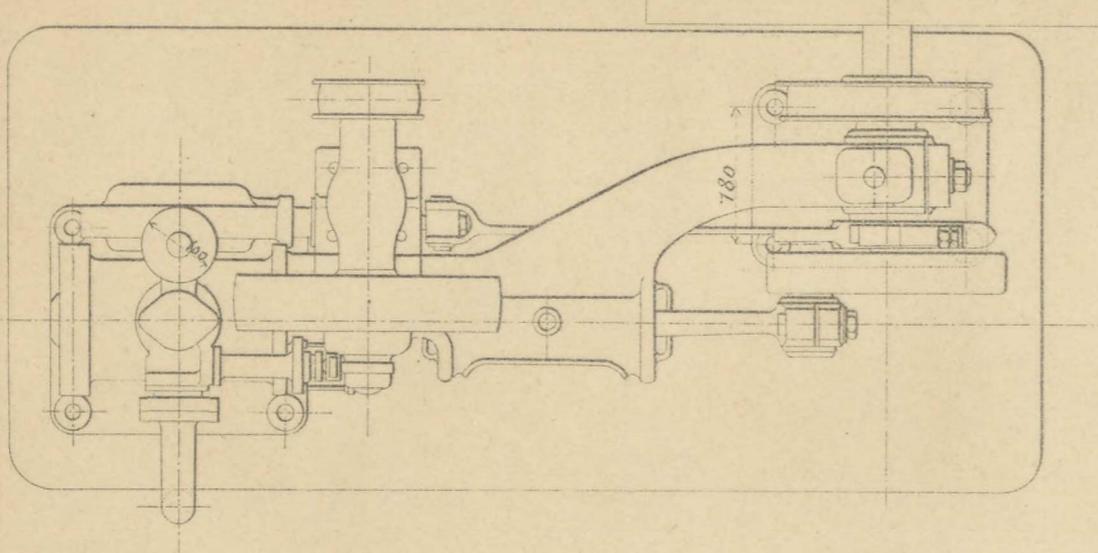


Fig. 2. Plan.



Légende

Force en chevaux.	5
Diamètre du cylindre.	130
Course du piston.	200
Pression initiale.	5 k ^o
Degré d'introduction.	0,63
Nombre de tours par minute.	150
Diamètre intérieur du tuyau d'arrivée.	30
d° d° d° d'échappement.	40



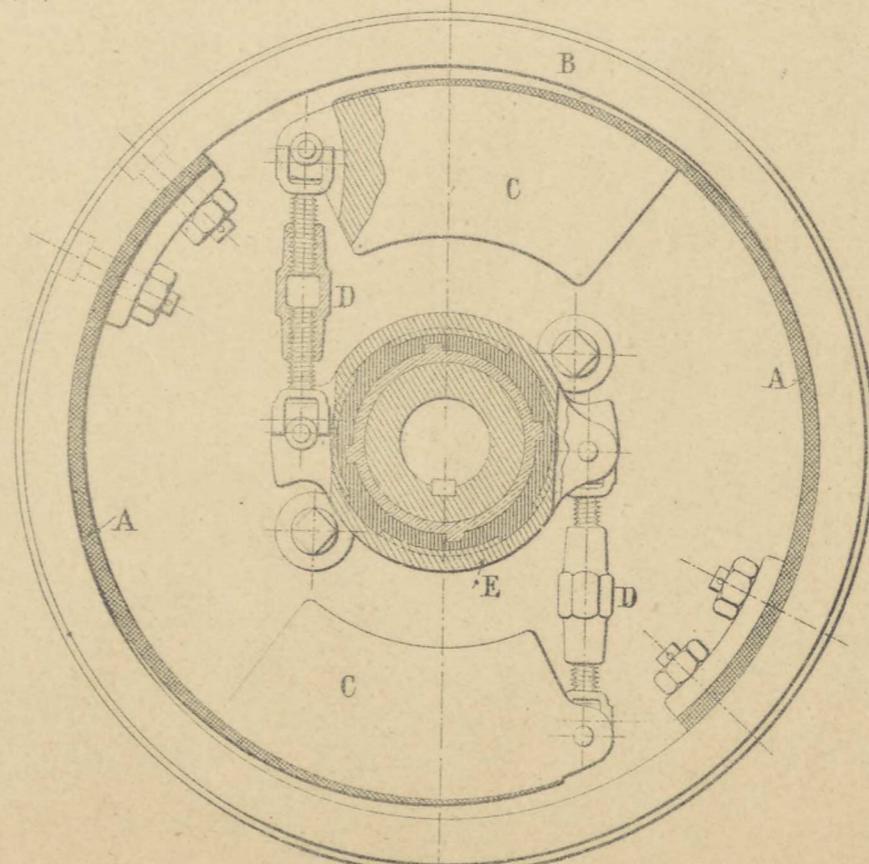
Régulateur pour machine à vapeur.

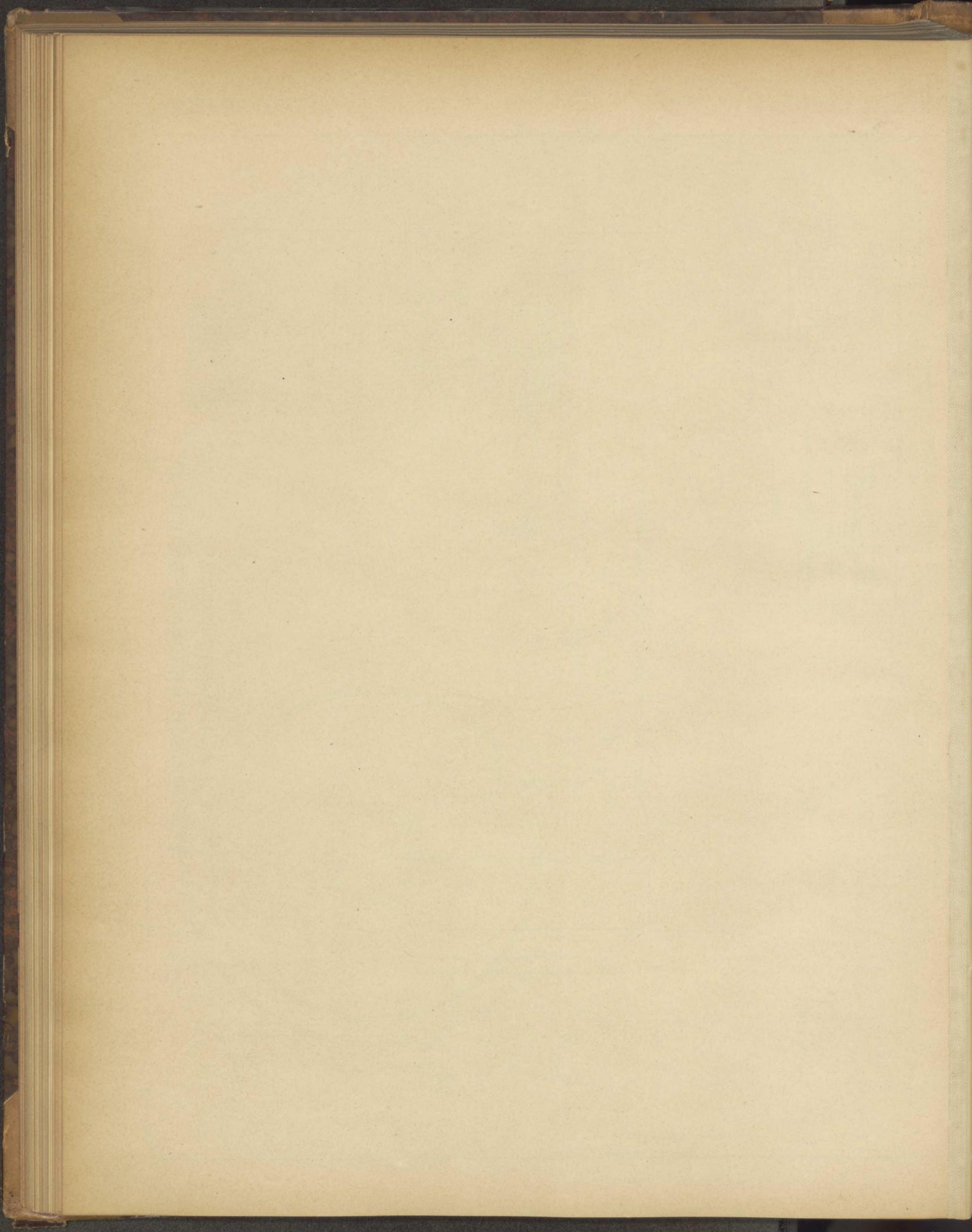
Fig. 4

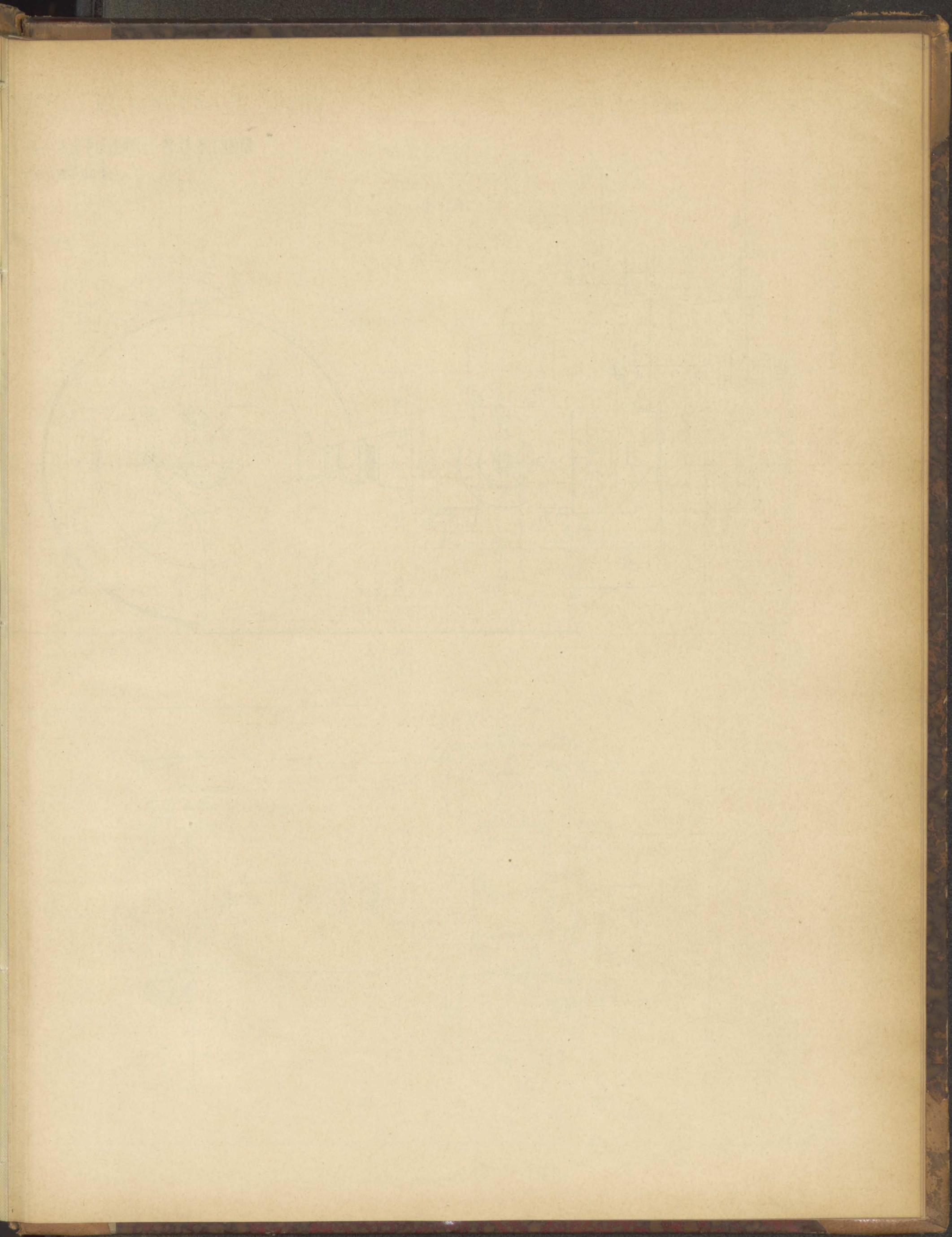
système Mégy.

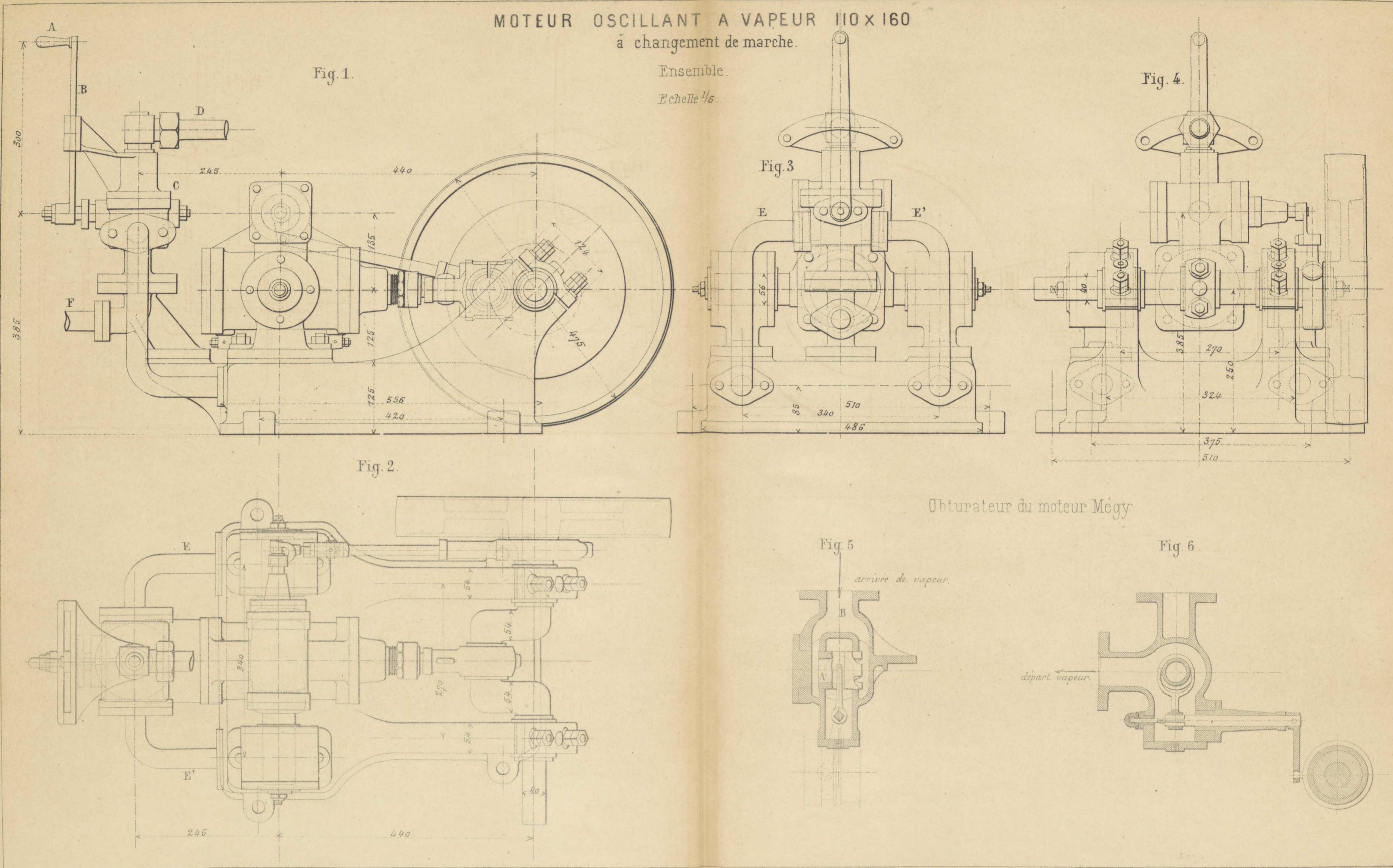
Echelle $\frac{1}{5}$.

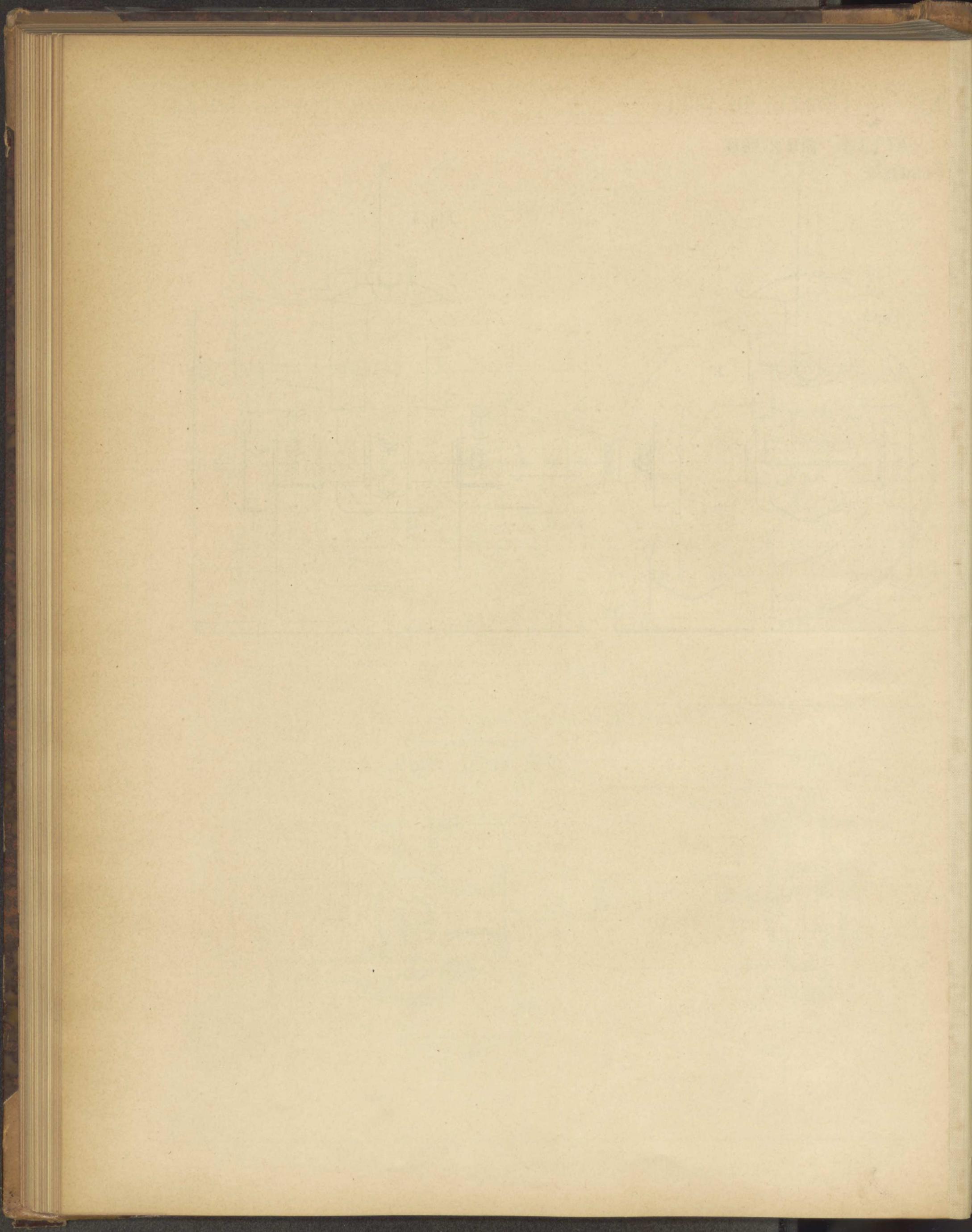
Fig. 5.

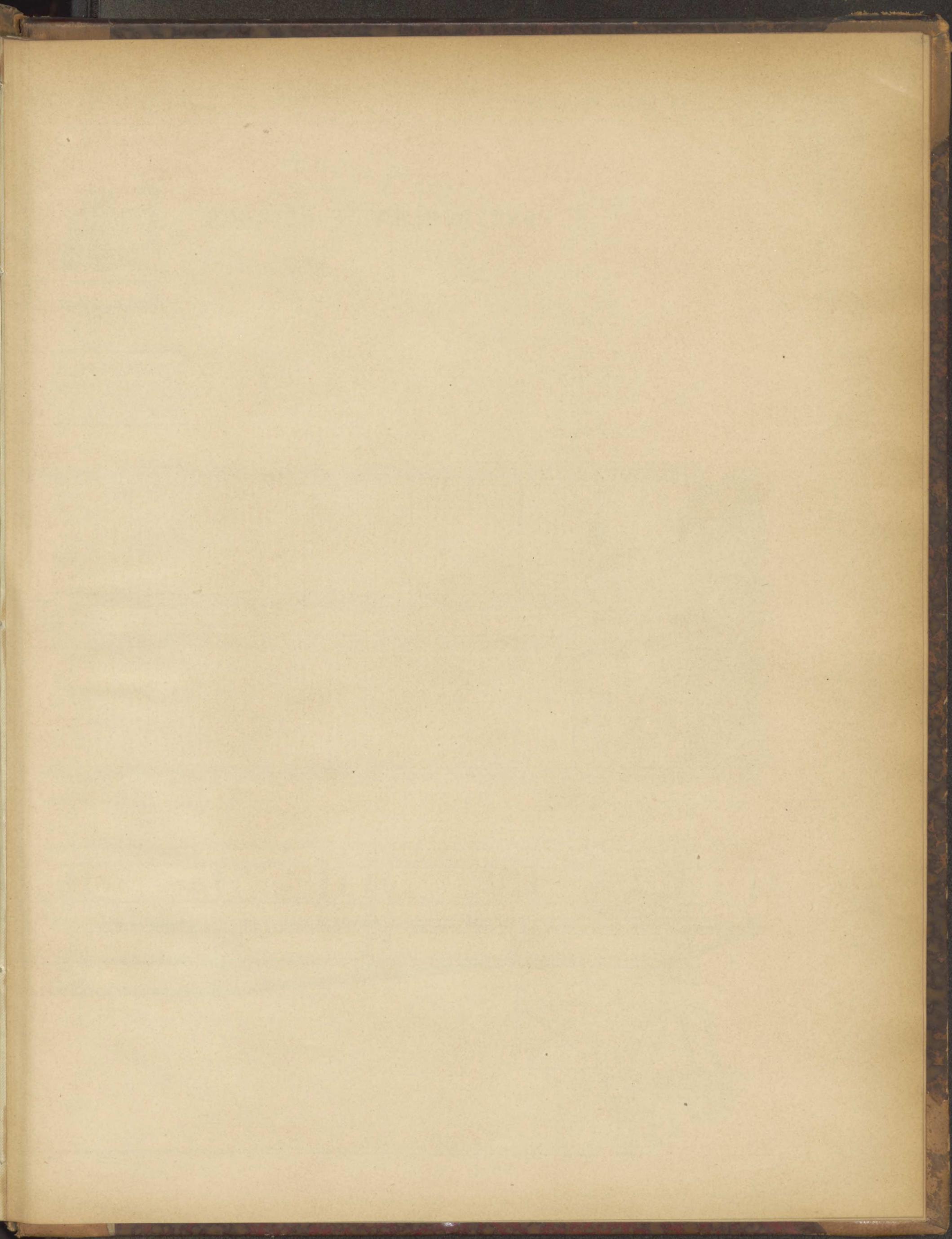


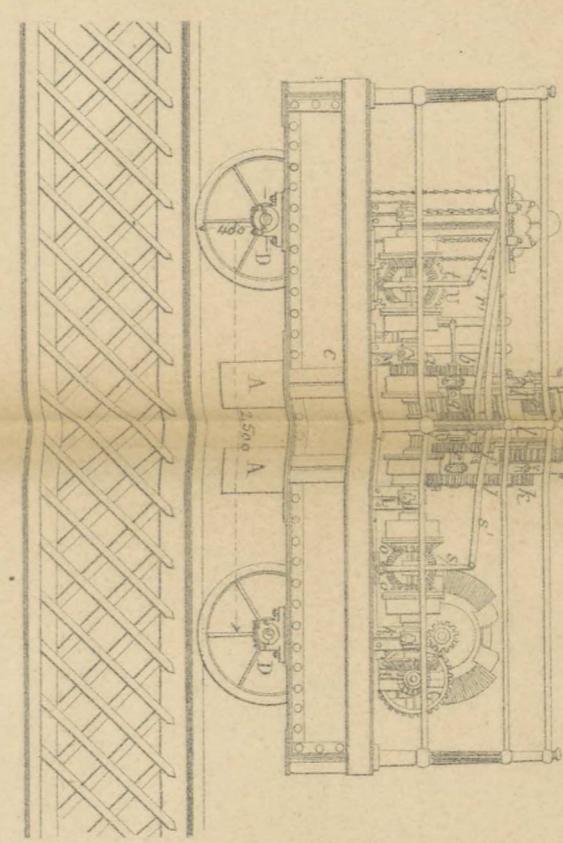
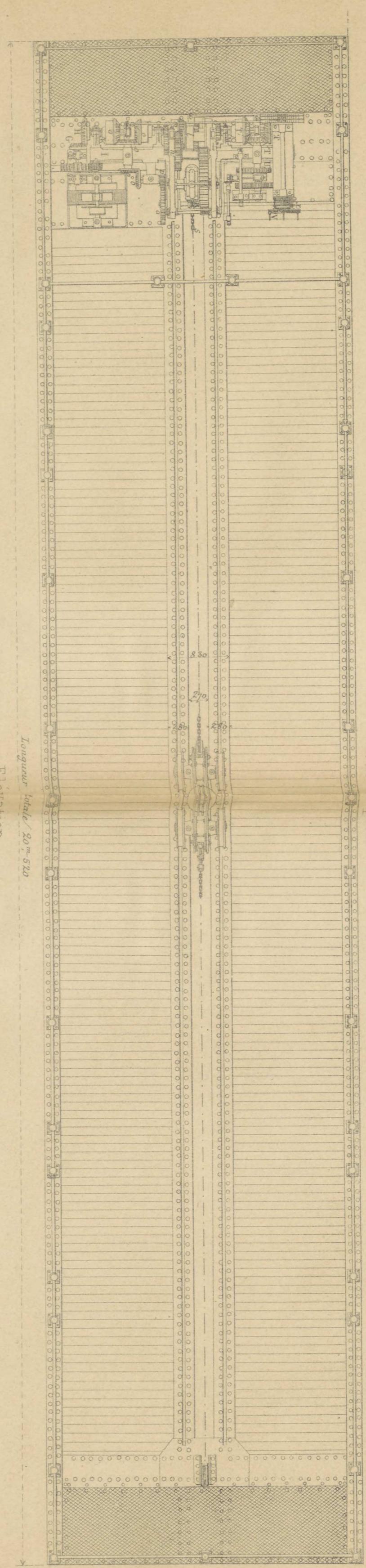
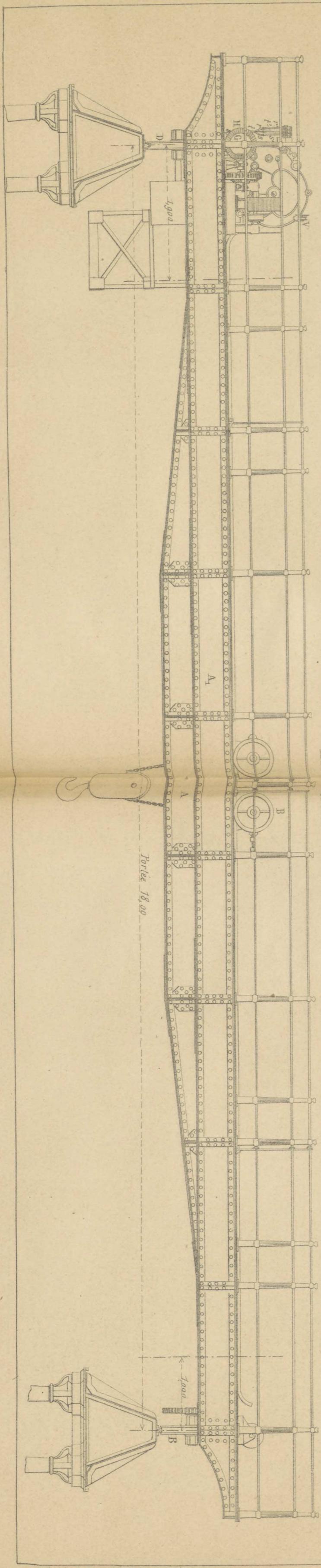












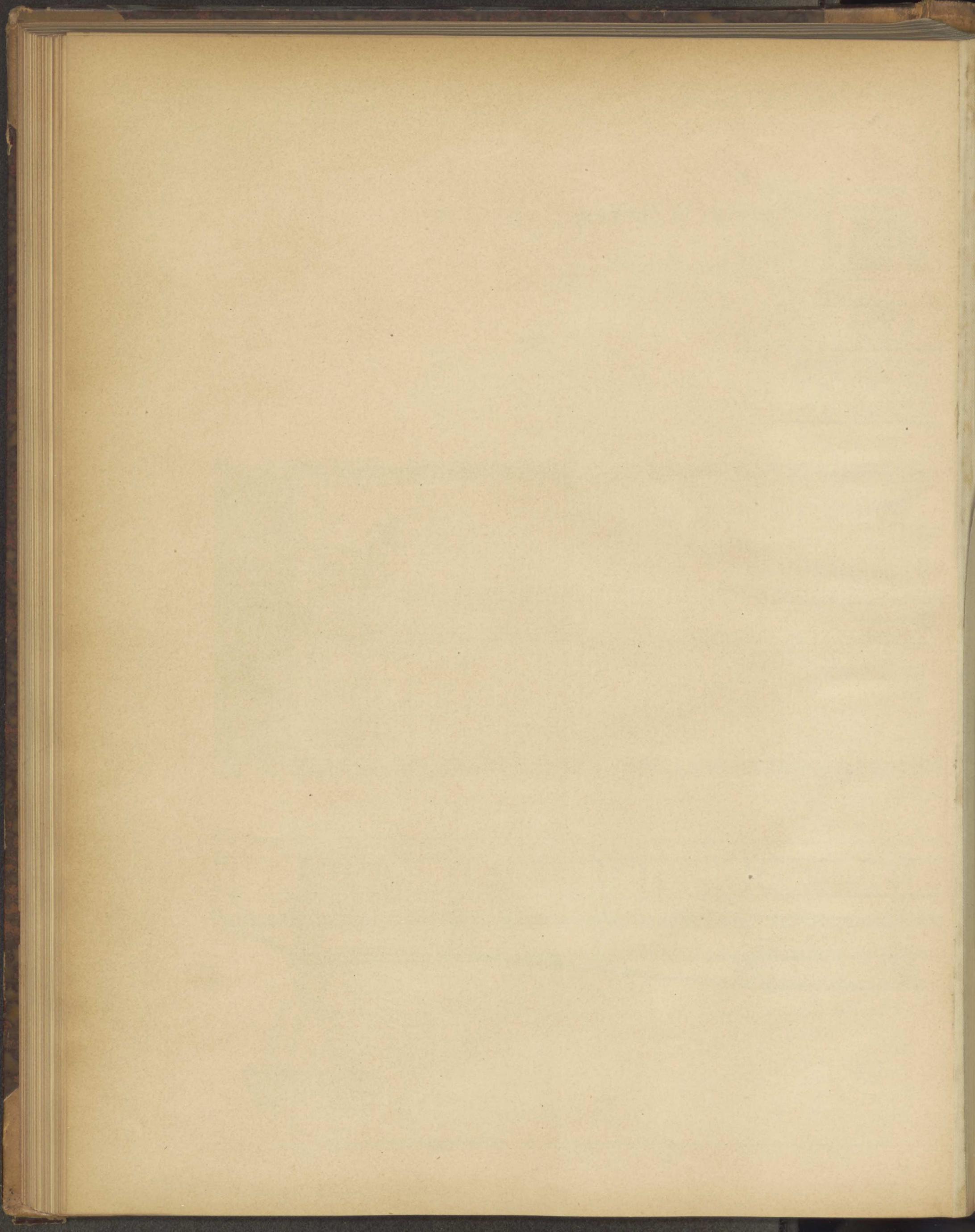
Vue en plan.

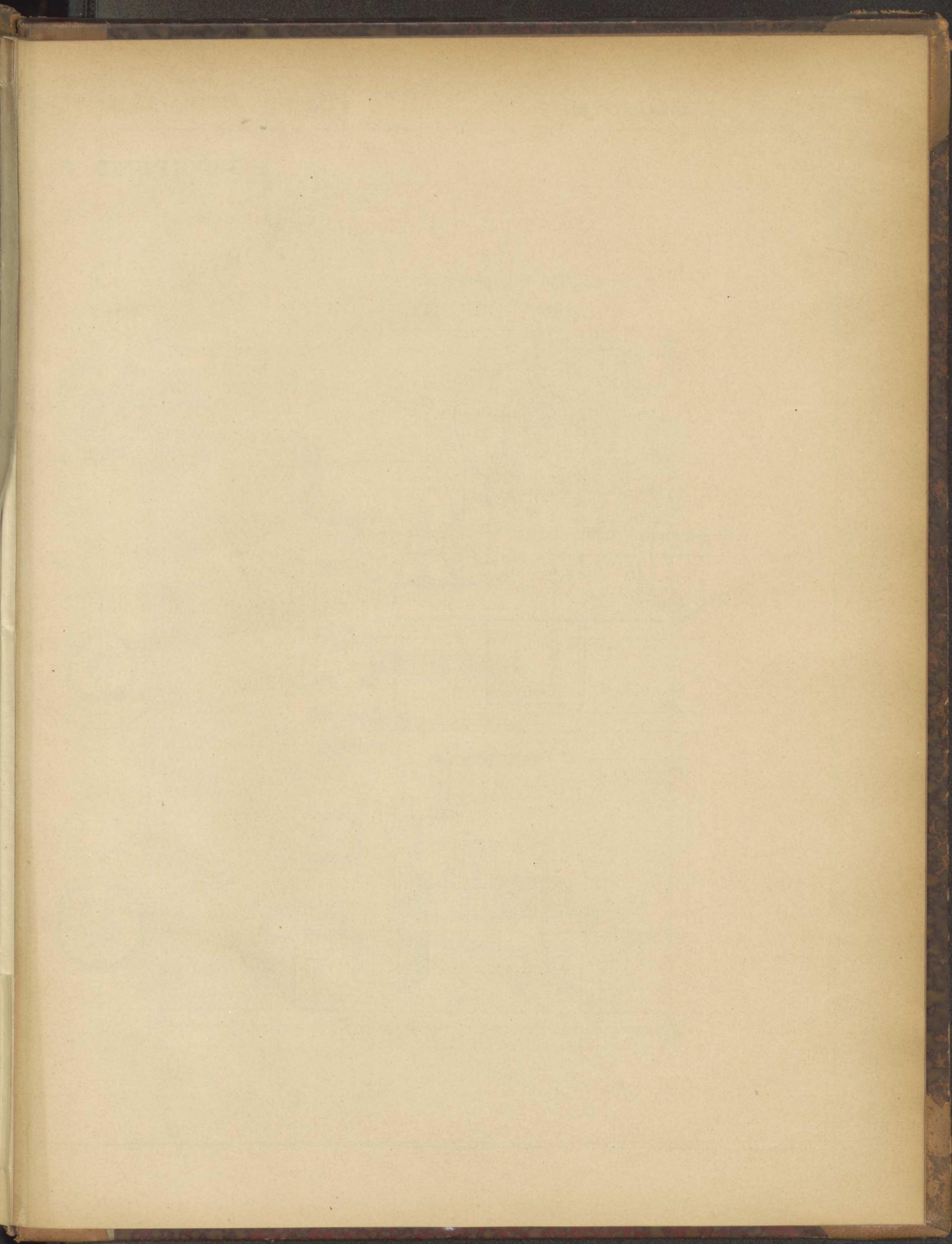
Vue de côté

PONT ROULANT ÉLECTRIQUE

Ensemble

Force 10 tonnes.
Echelle 1/40





PONT ROULANT ÉLECTRIQUE

Détails.

Coupe du treuil de levage

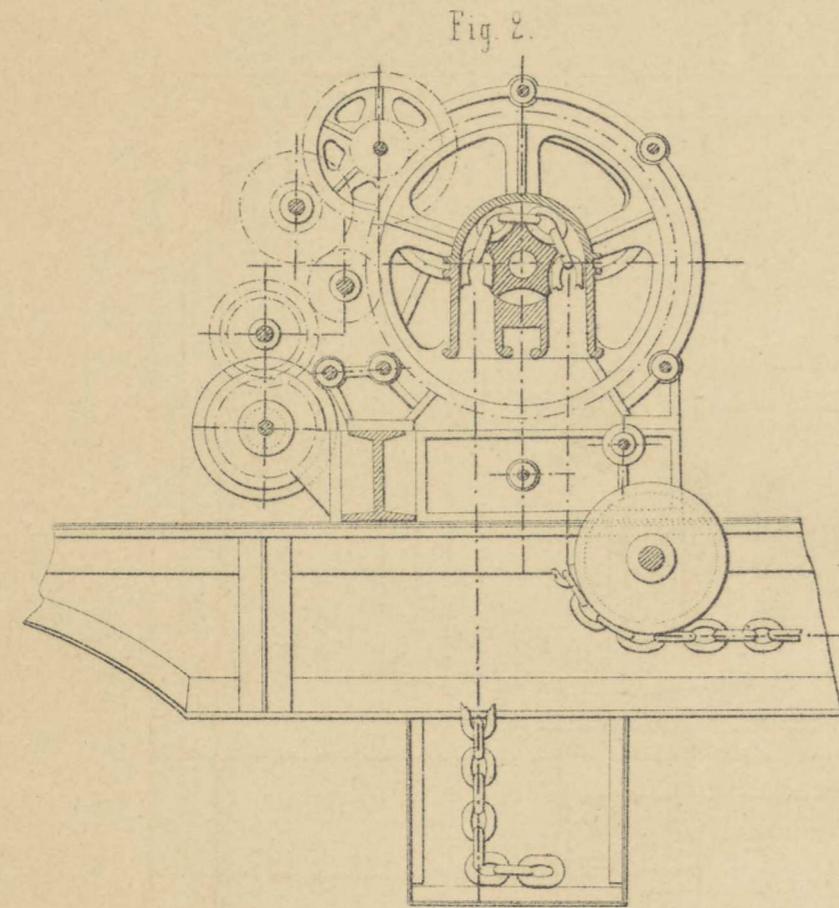


Fig. 2.

Coupe du frein

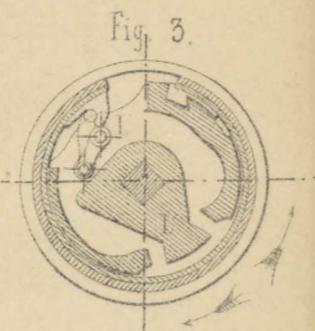


Fig. 3.

Vue en plan

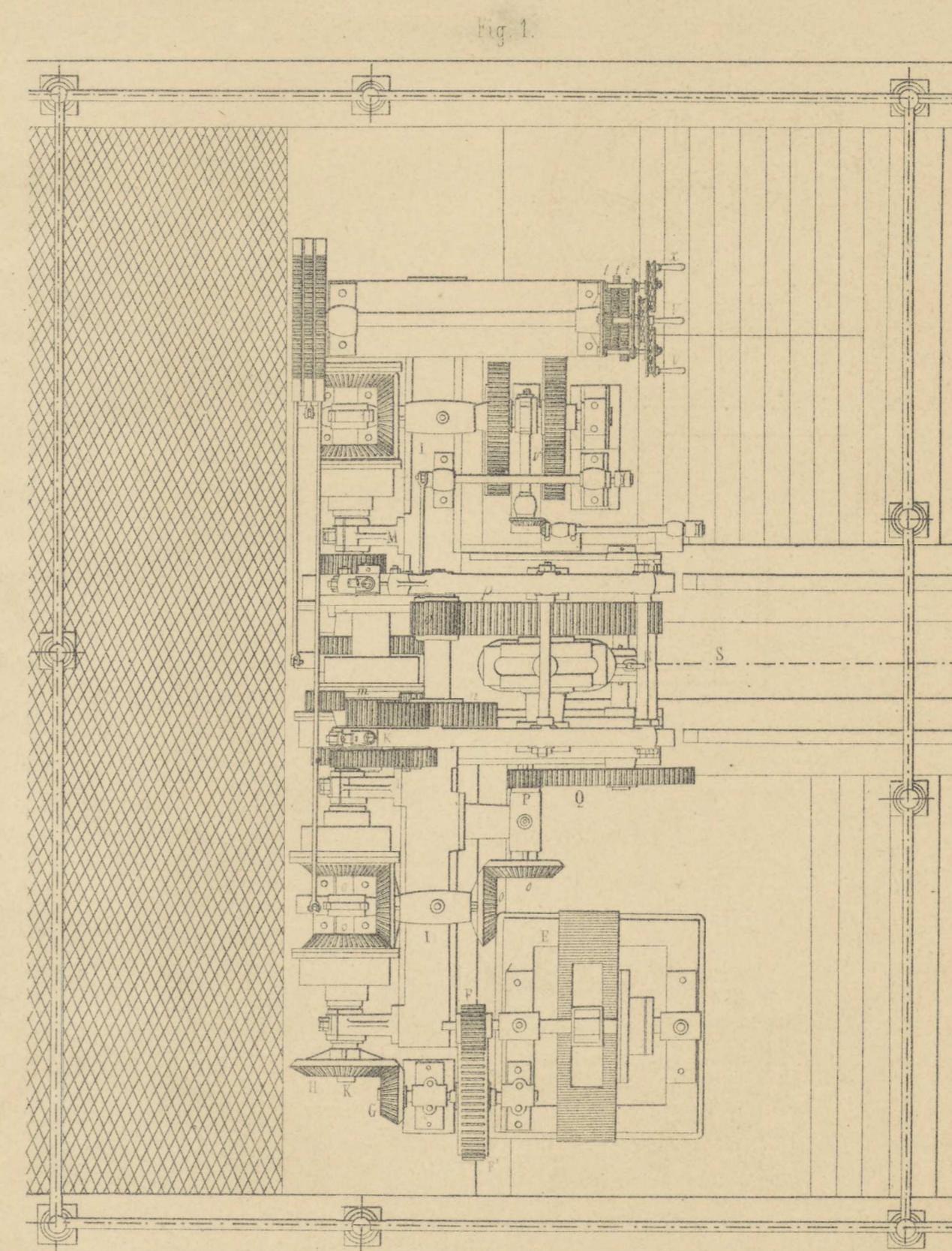


Fig. 1.

Coupe du cliquet dormant

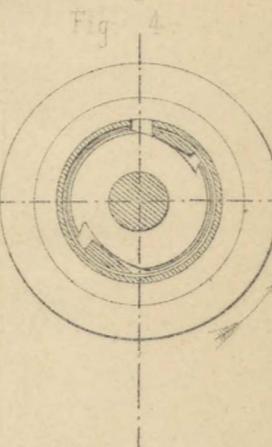


Fig. 4.

Embrayage.

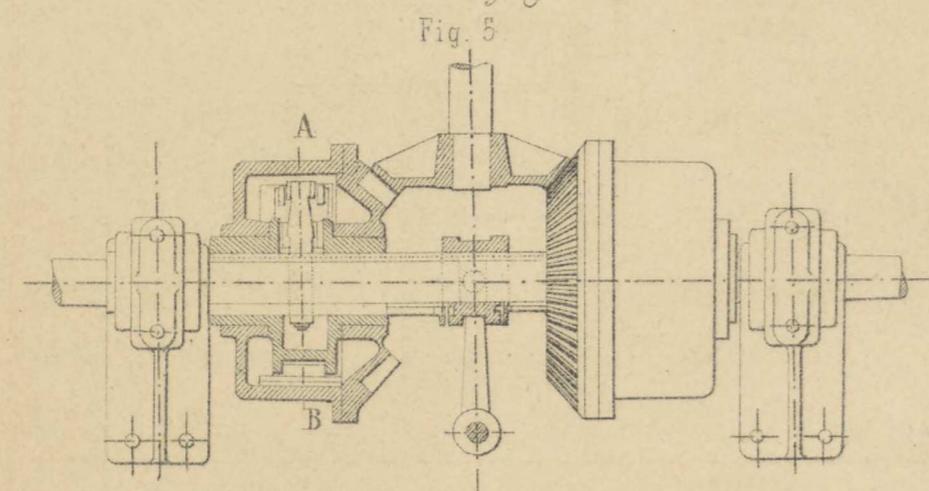


Fig. 5.

Coupe suivant AB.

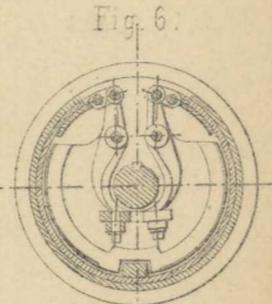
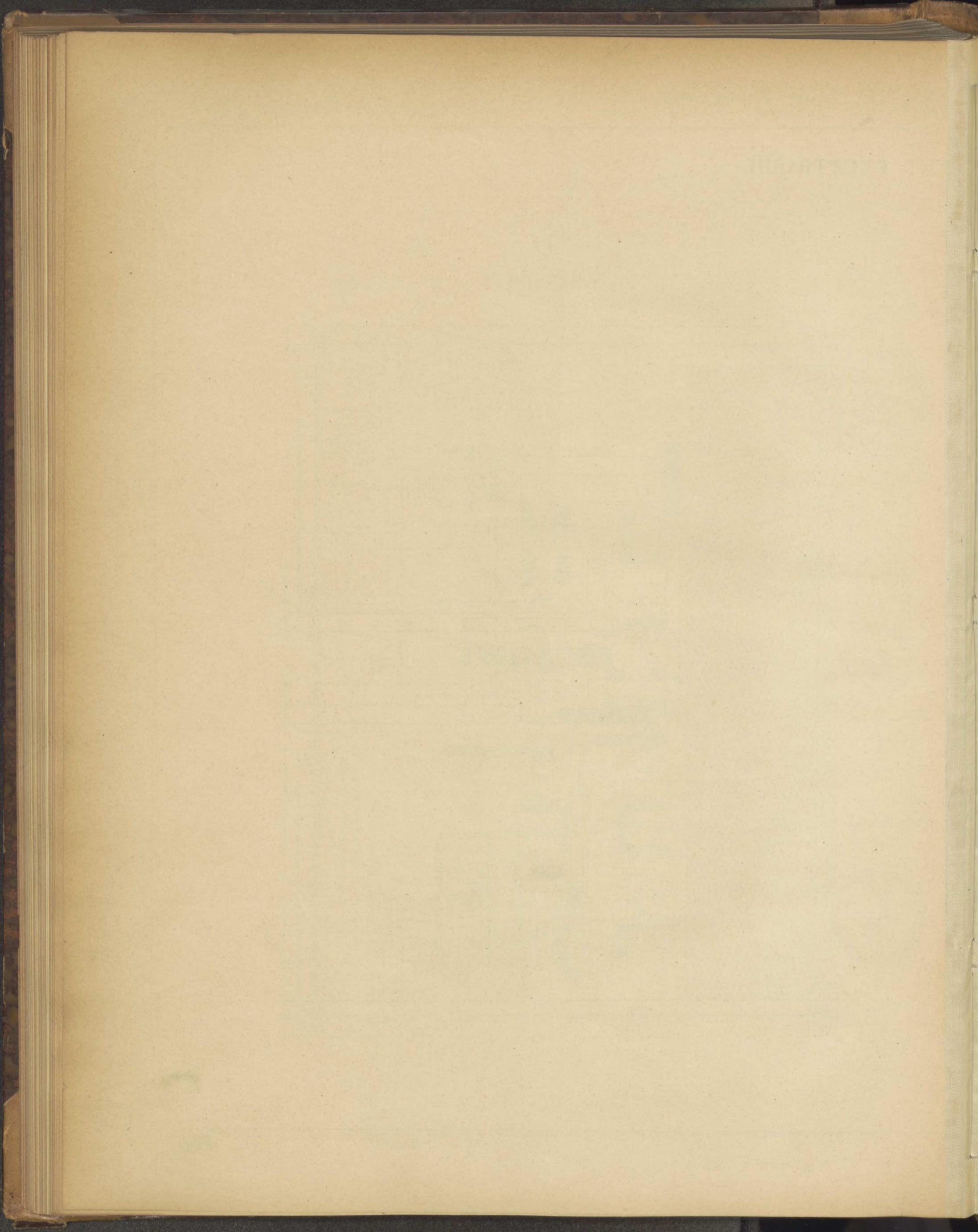
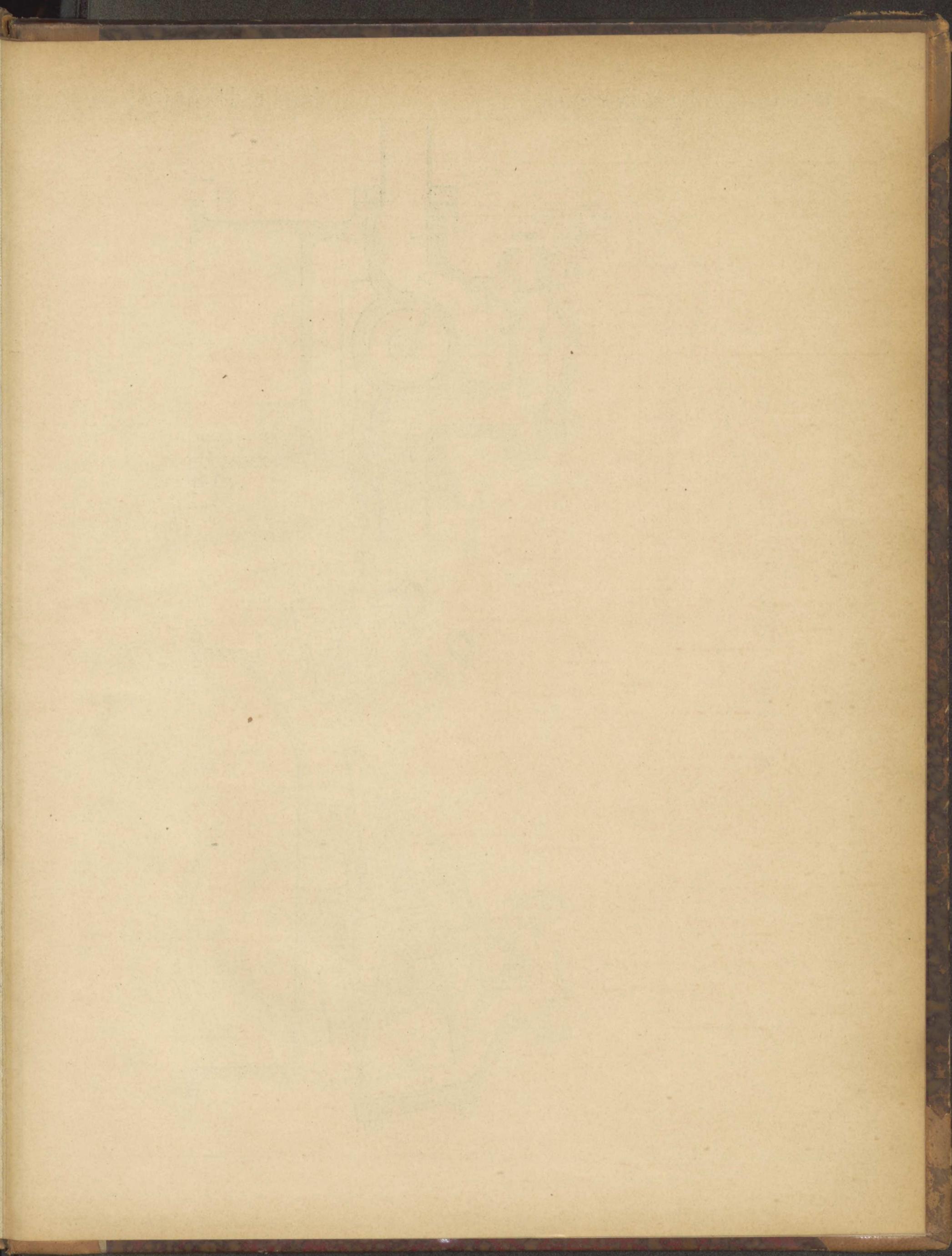


Fig. 6.





MOTEUR HYDRAULIQUE

Système Mégy

Fig. 1. Coupe longitudinale.

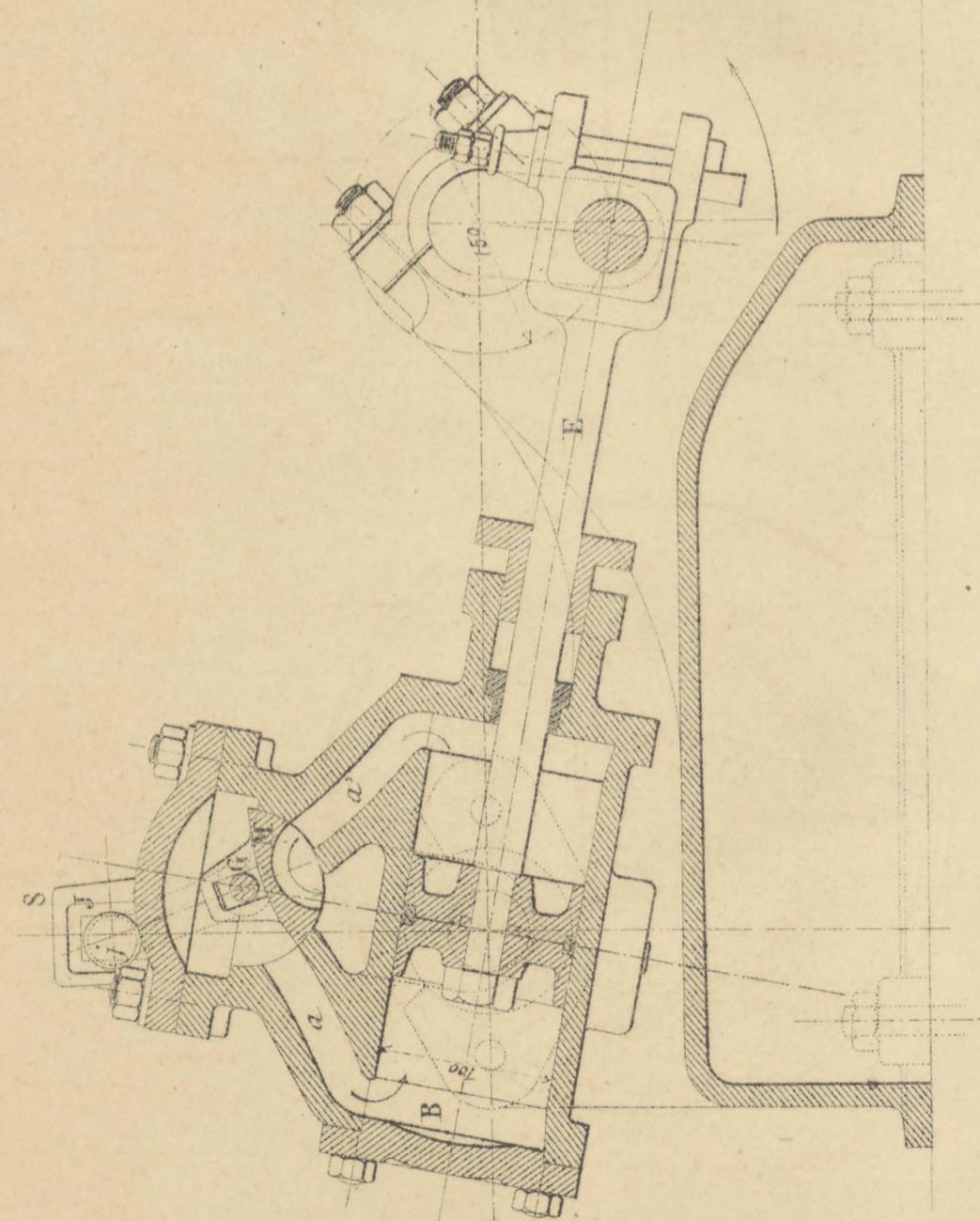
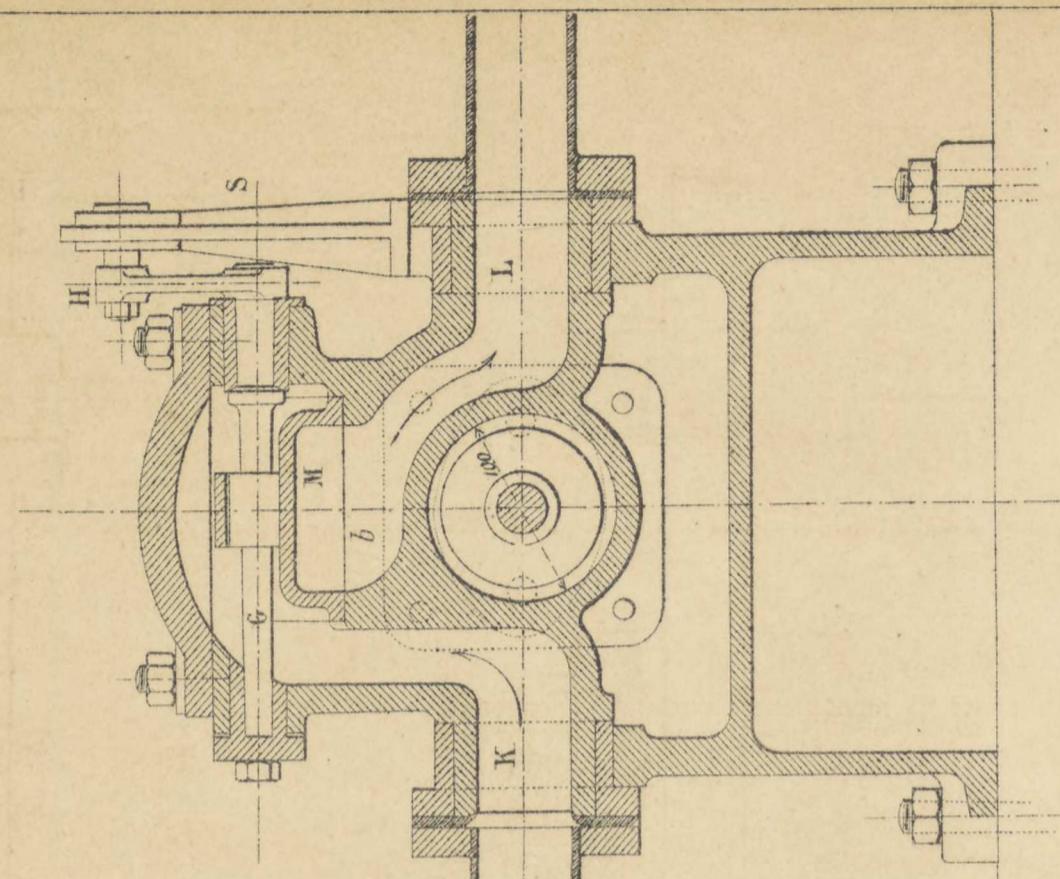


Fig. 2. Coupe transversale.



EMBRAYAGE SANS CHOC

Système Mégy

Fig. 3

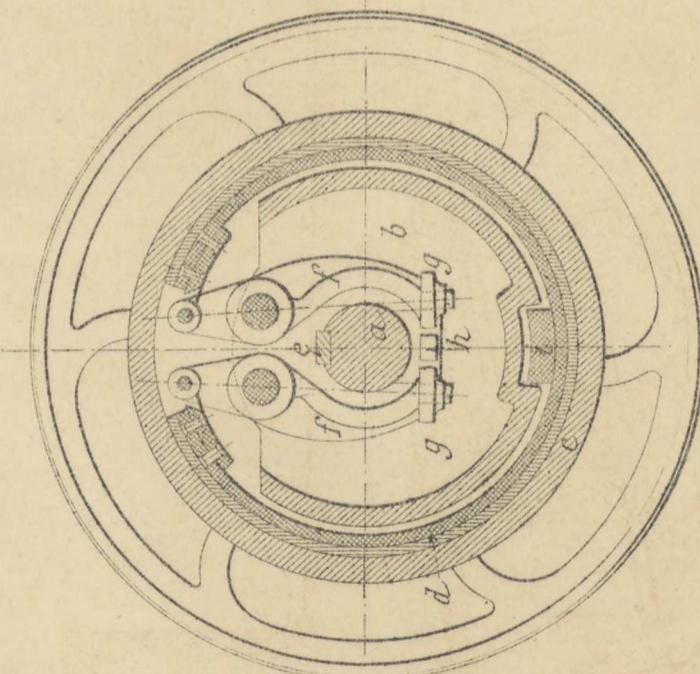


Fig. 4.

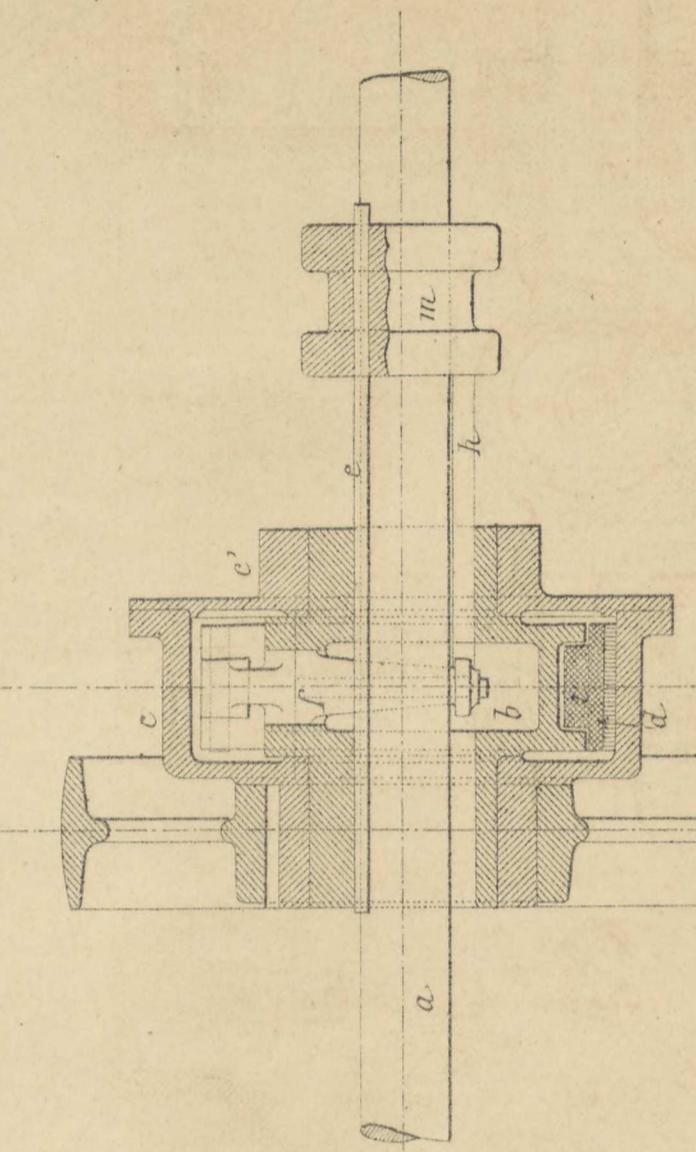
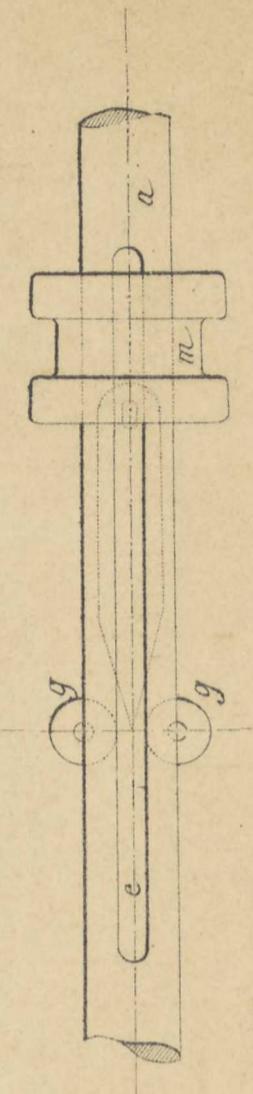
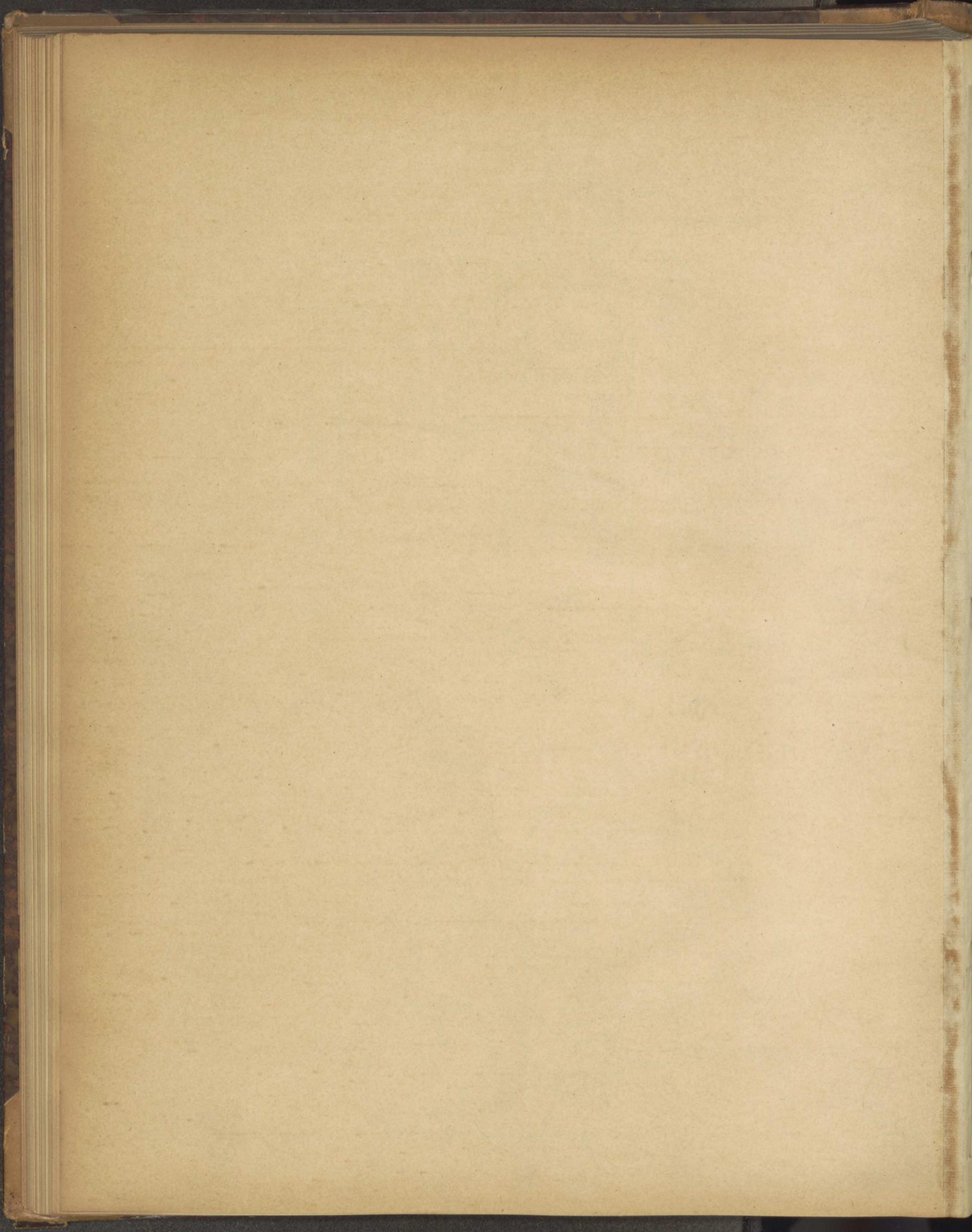
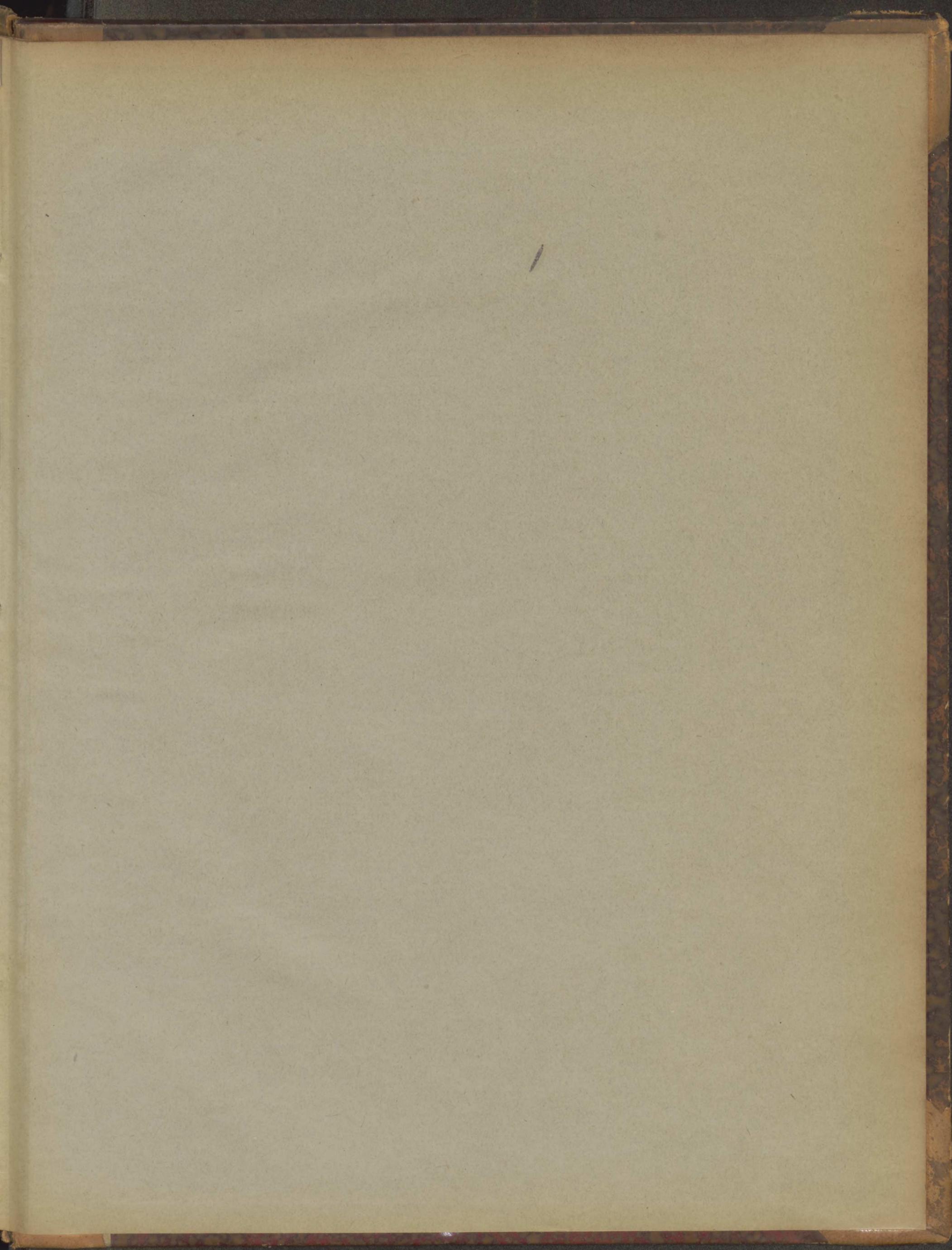
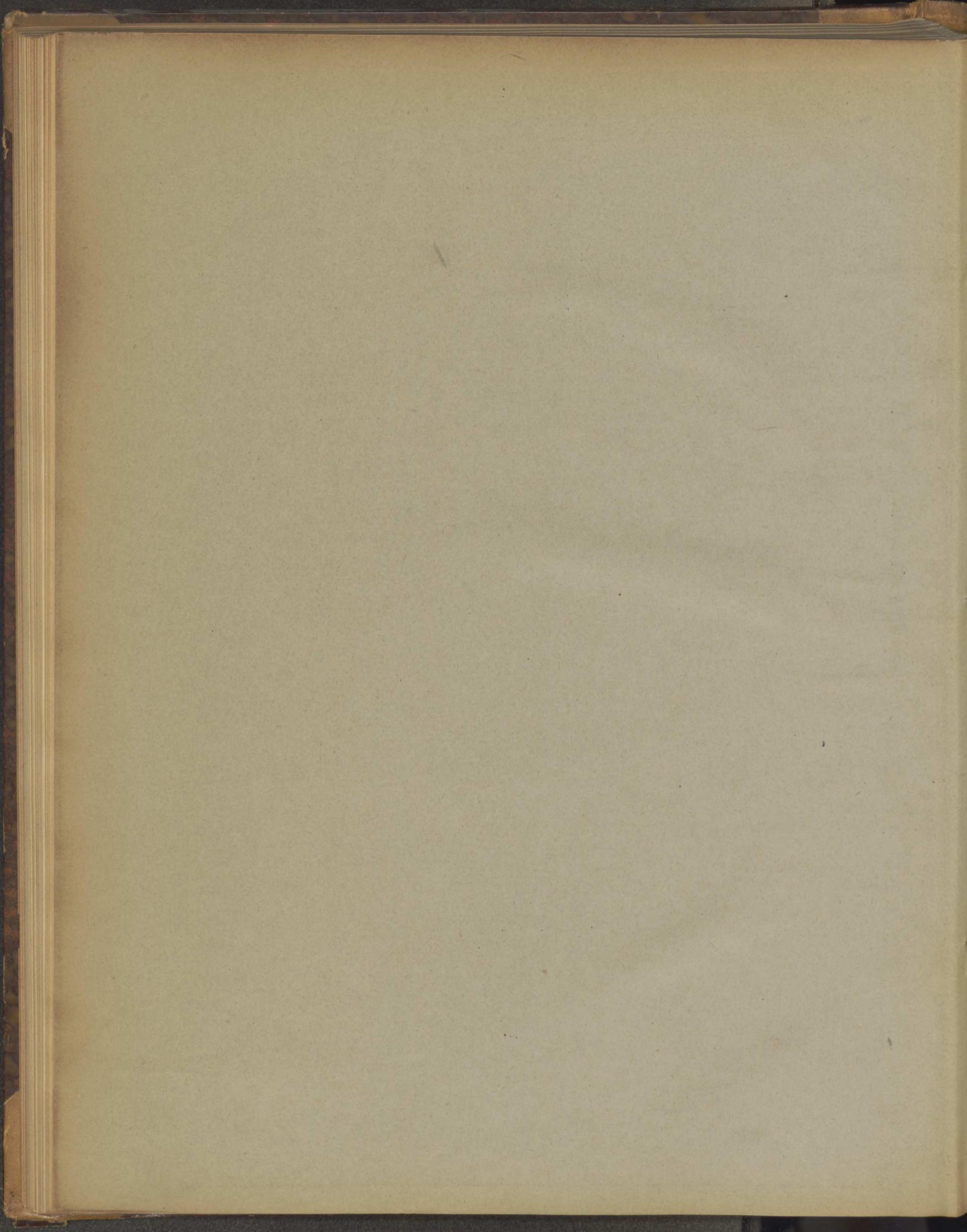


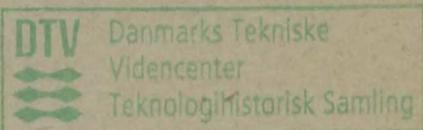
Fig. 5.











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