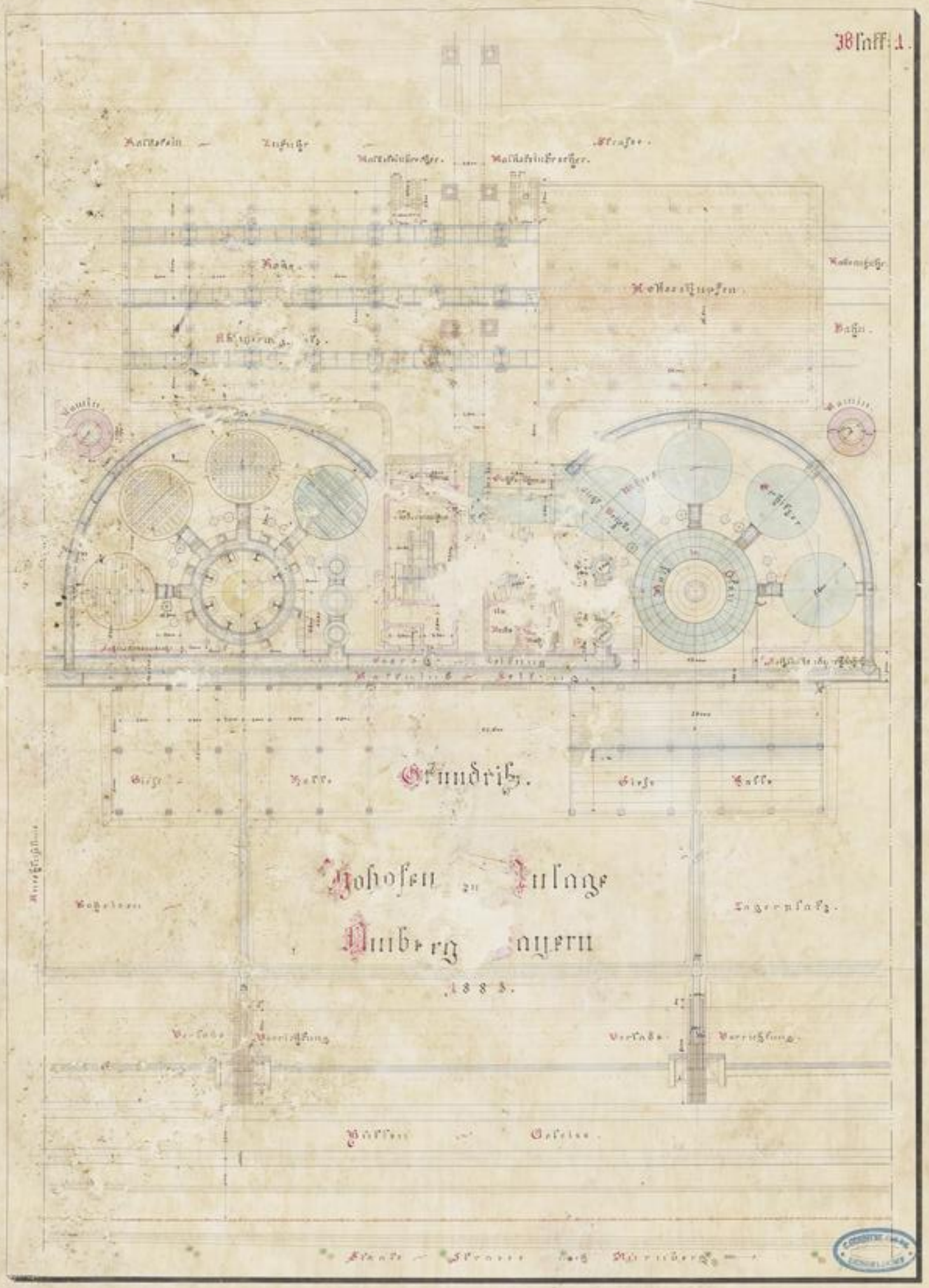
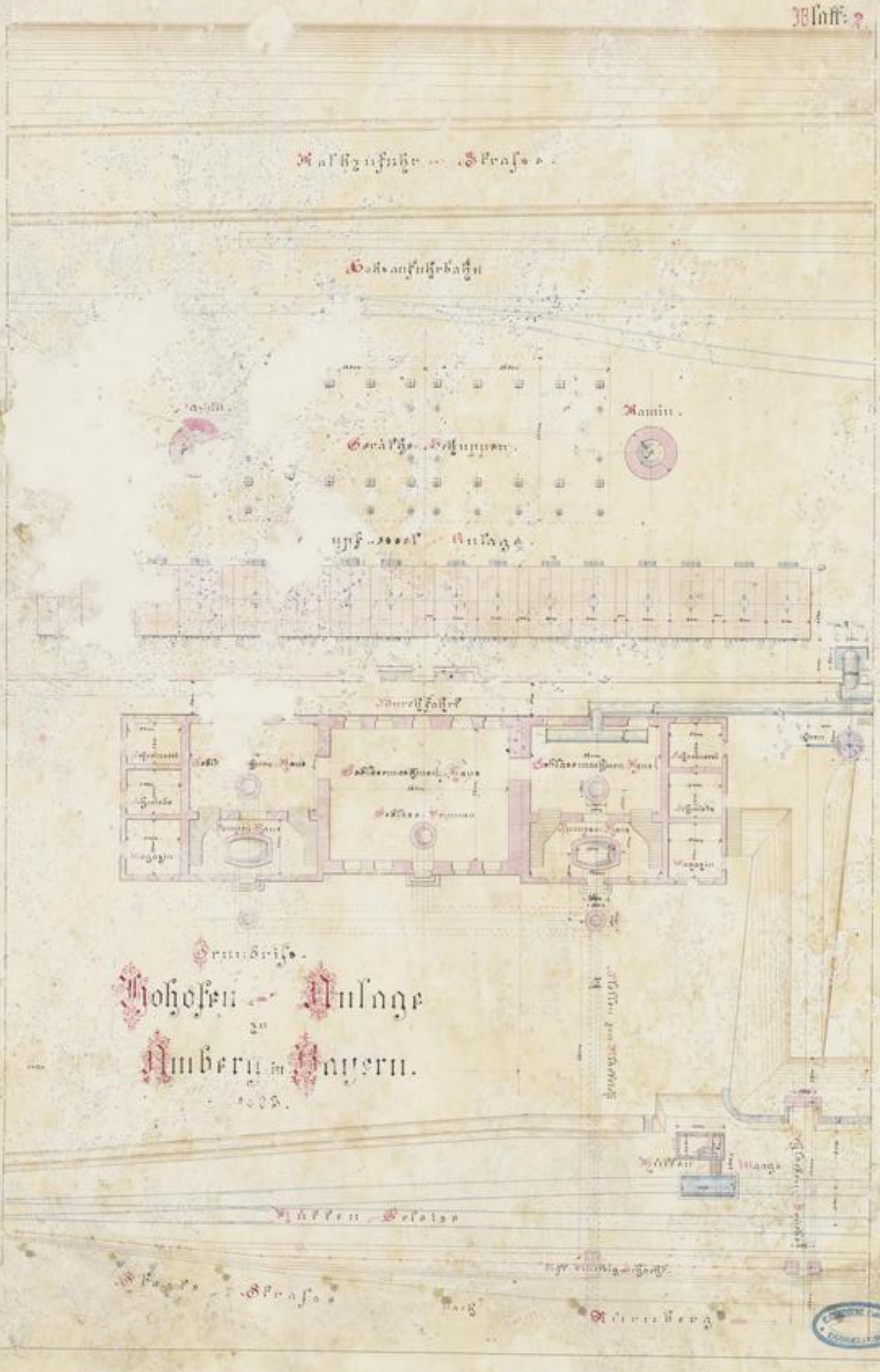
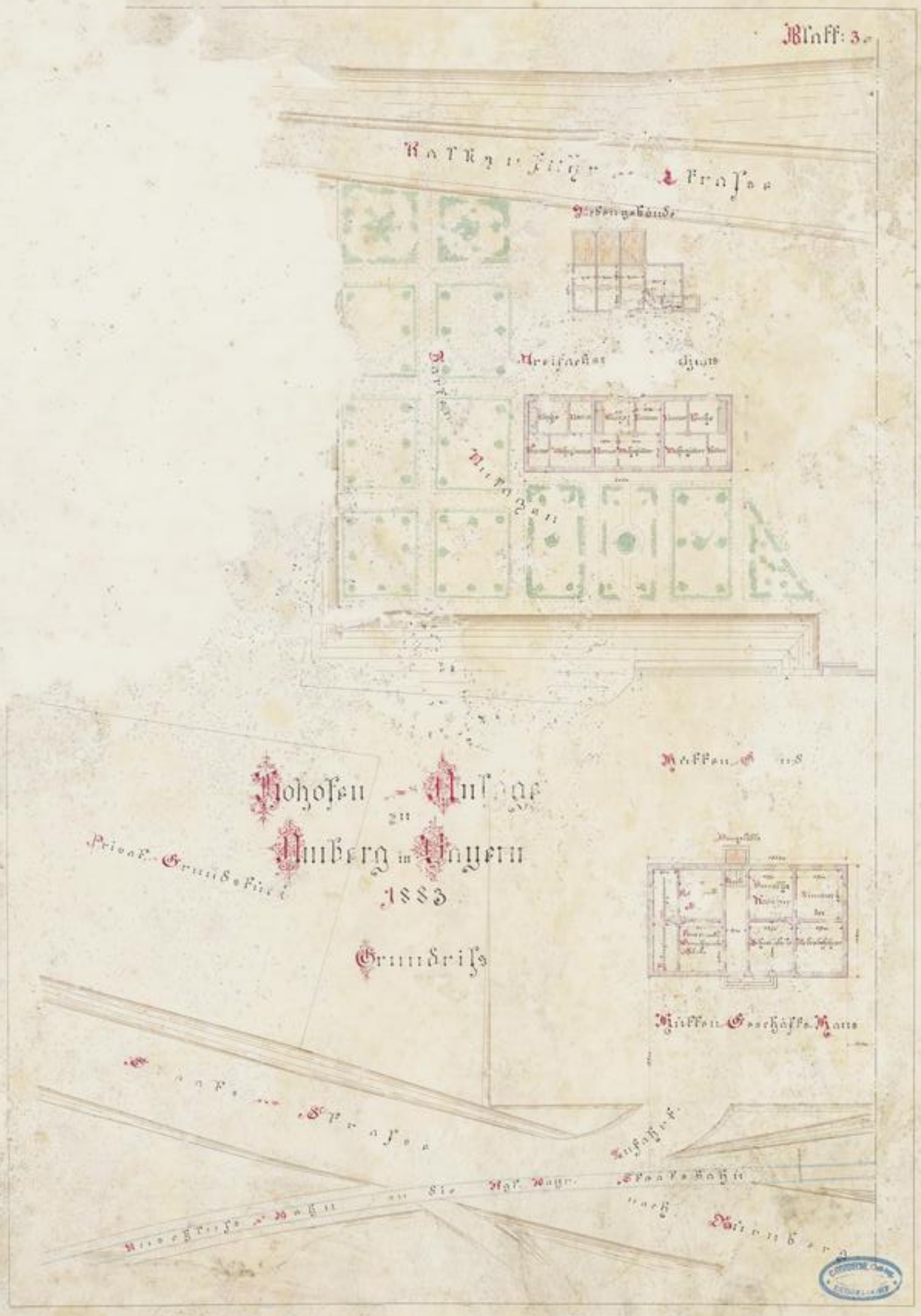



Blatt: 2.
Kaminen
Grundriss.
Hohofen - Anlage
zu
Amberg in Bayern.

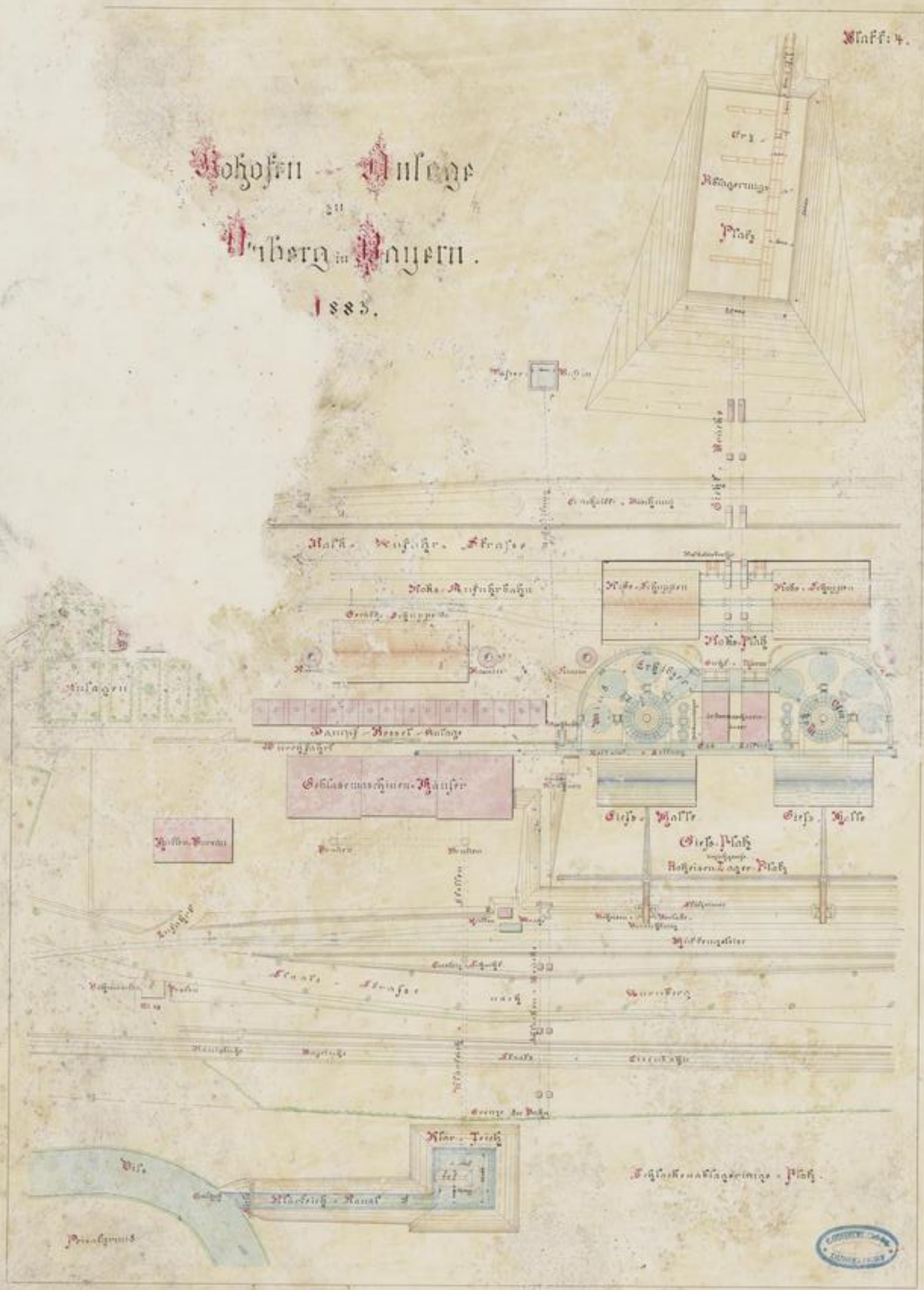
Blatt: 3.



Hohofen-Anlage zu Amberg in Bayern.

1883.

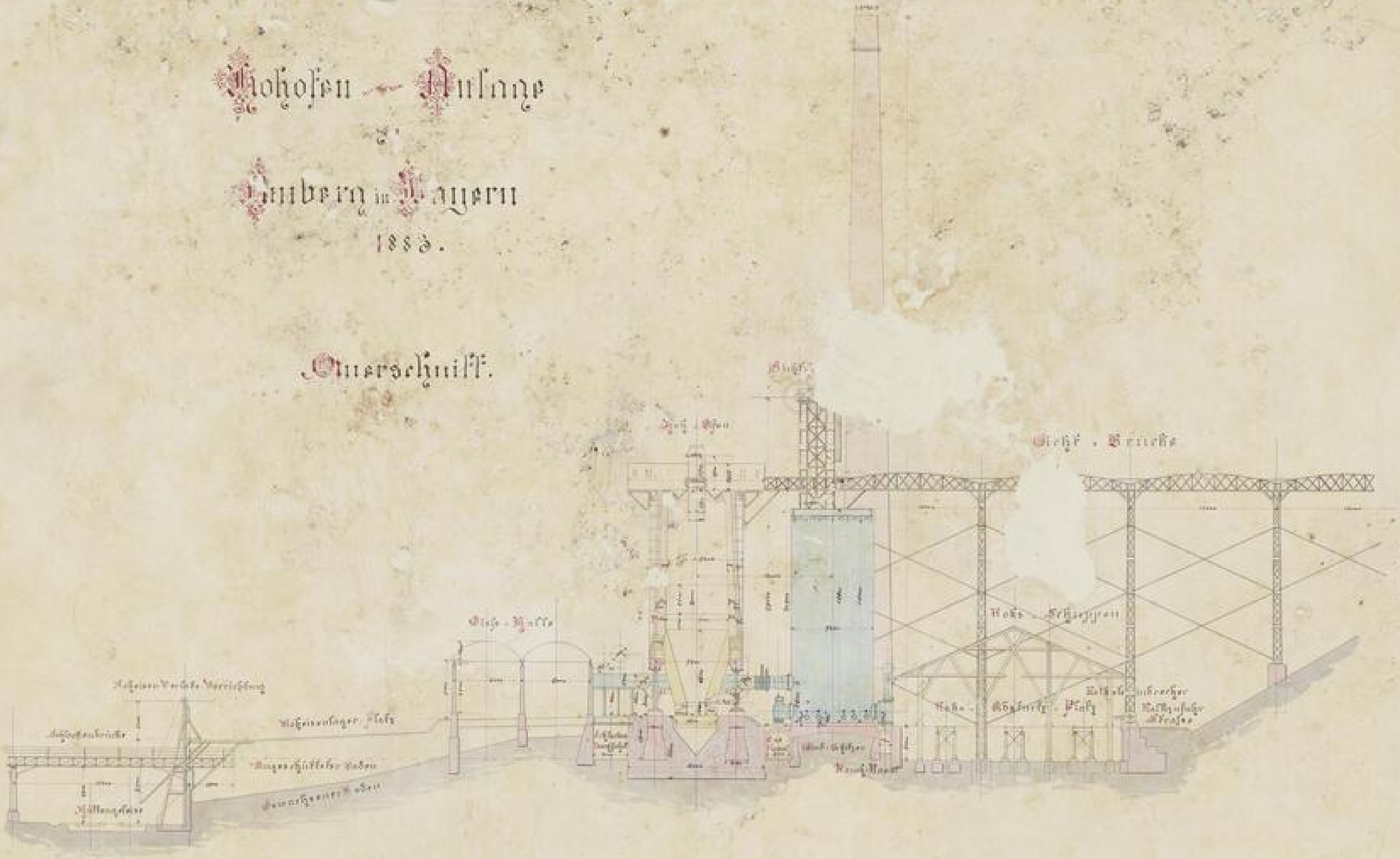
Blatt: 4.



Blatt 5.

Hohofen - Anlage
zu
Amberg in Bayern
1883.

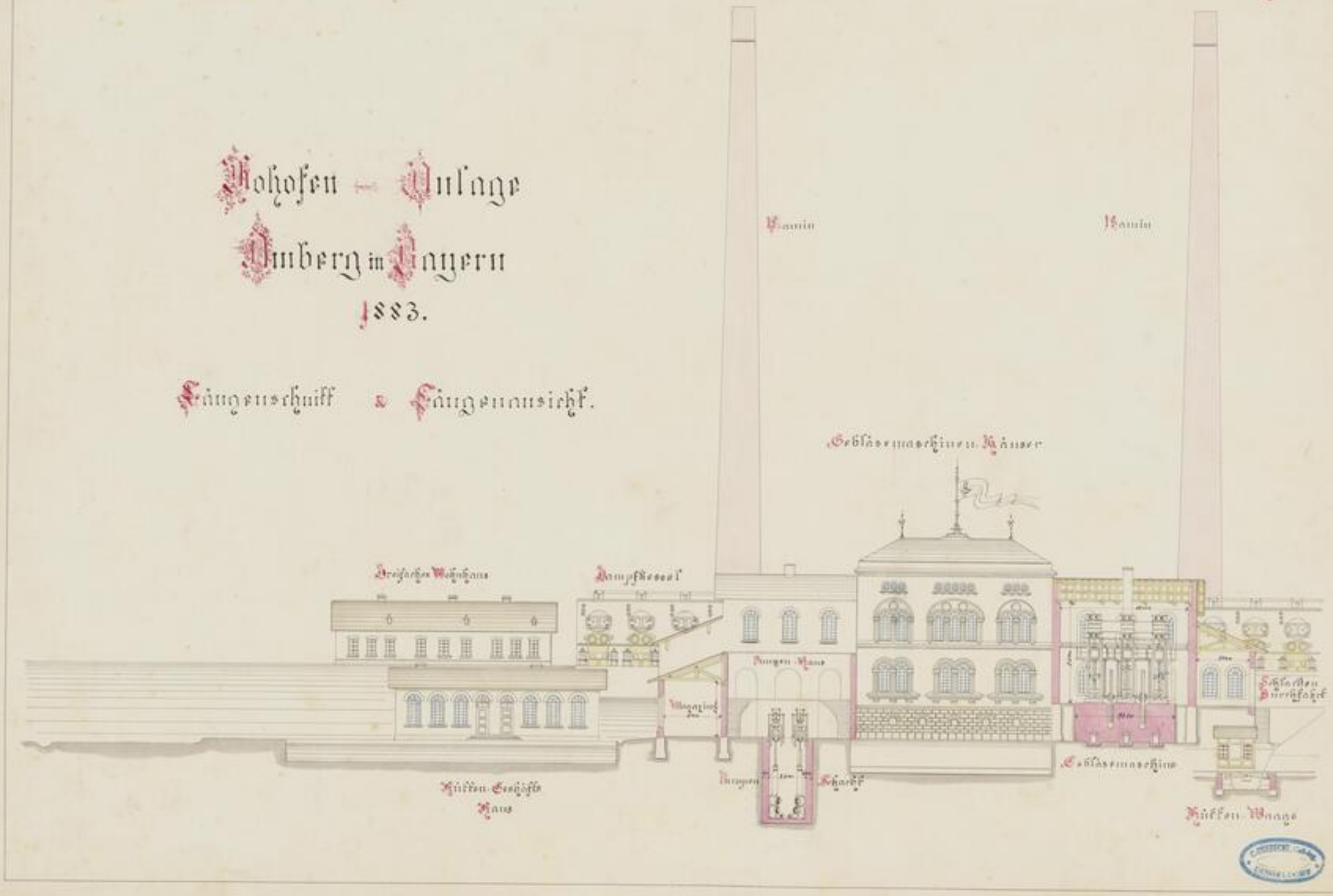
Querschnitt.

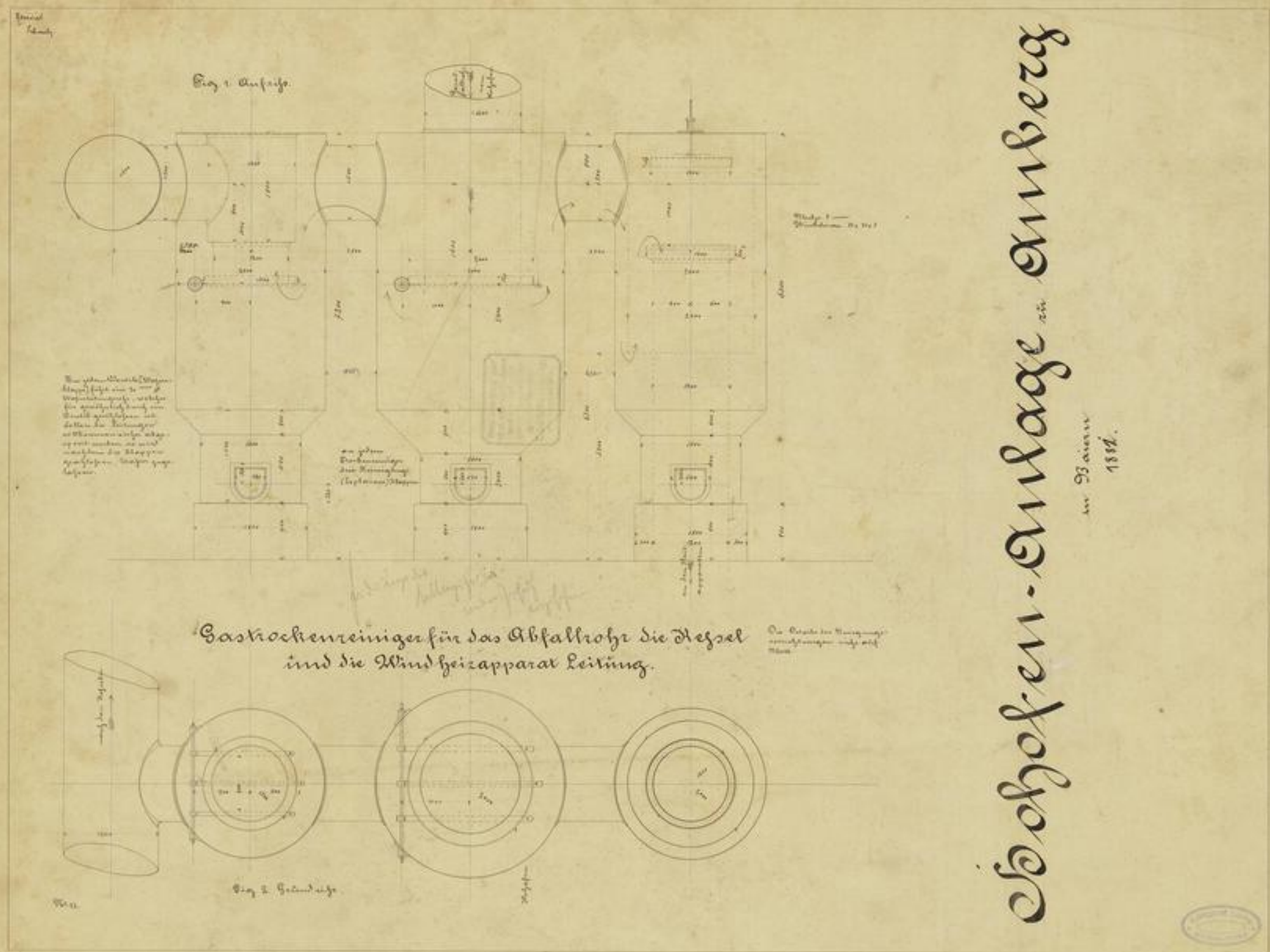


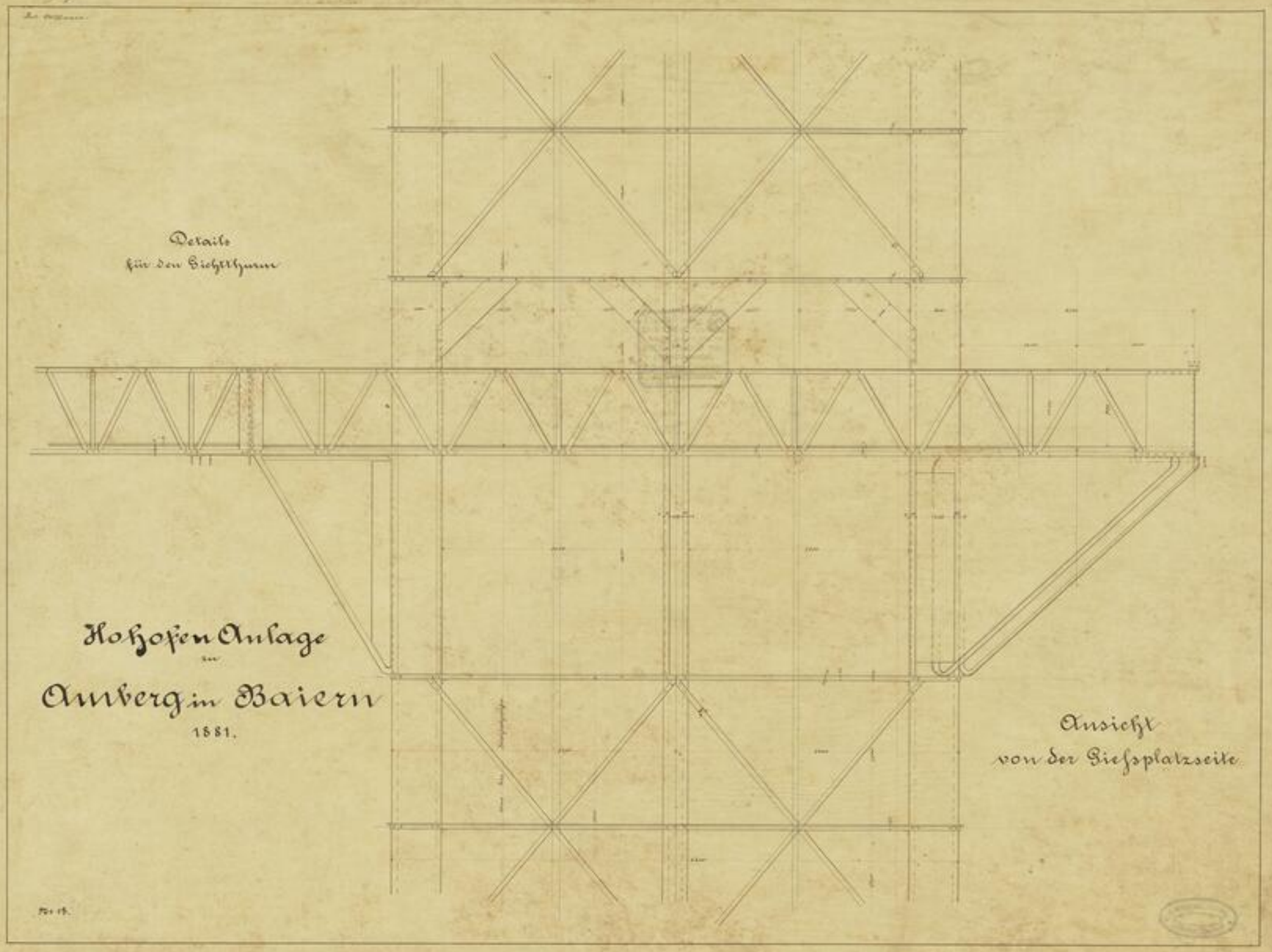
Blatt: 8.

Hohofen - Anlage
Amberg in Bayern
1883.

Längenschnitt & Längenansicht.







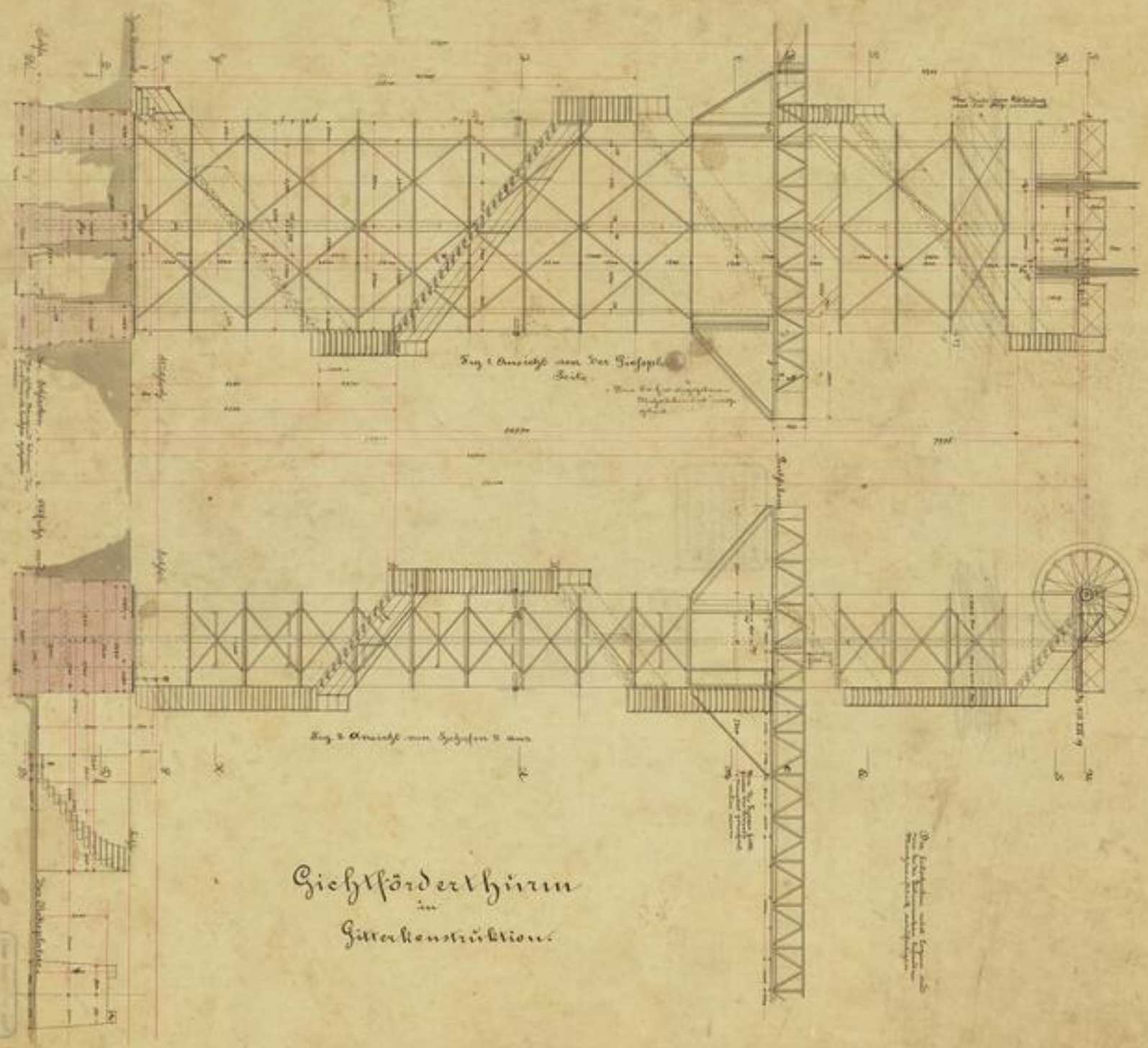

Hochofen Anlage
Amberg in Baiern
Gichtförderthurm
in
Gitterkonstruktion.

Fig. 1 Ansicht des unteren Theiles von der Giessplatzseite.

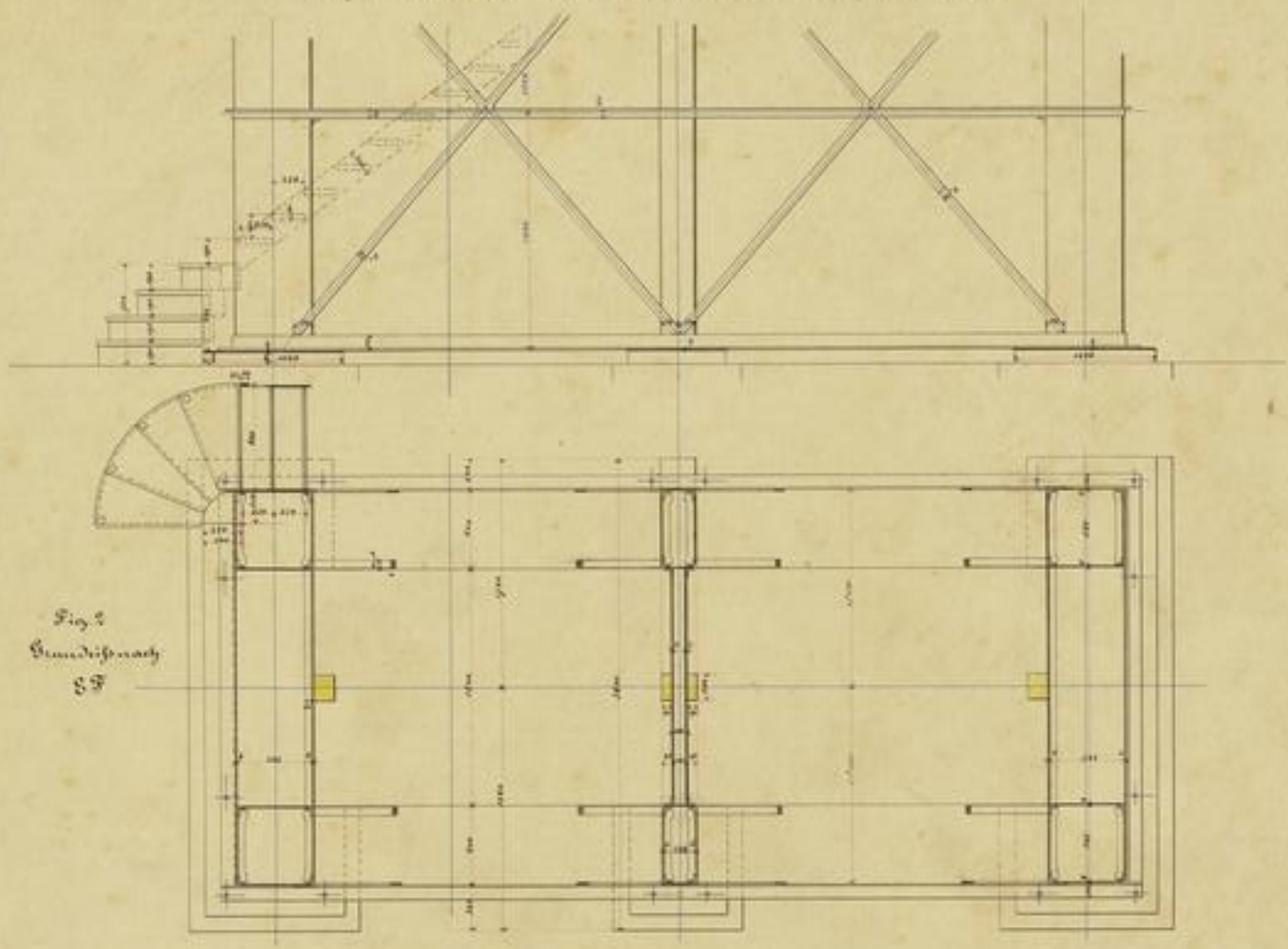


Fig. 2
Grundriss nach
GF

Hohofen Anlage zu Amberg Baiern

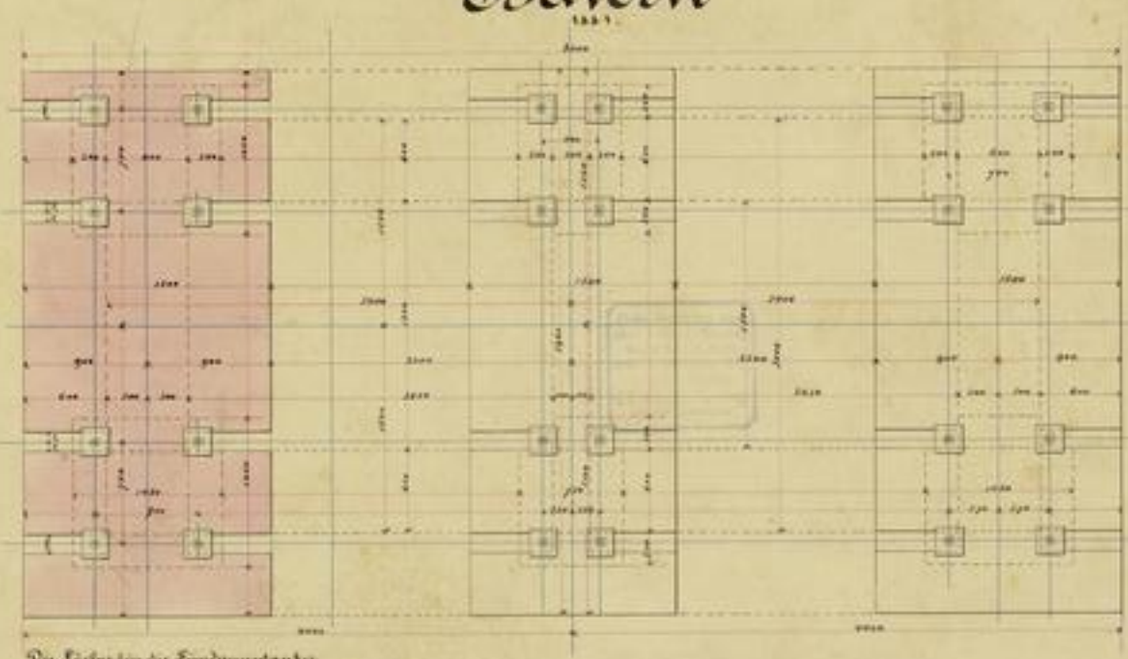


Fig. 3. Grundriss nach GH

Die Löcher für die Fundamentanker werden nach Fig 2 angebracht.

No. 10.

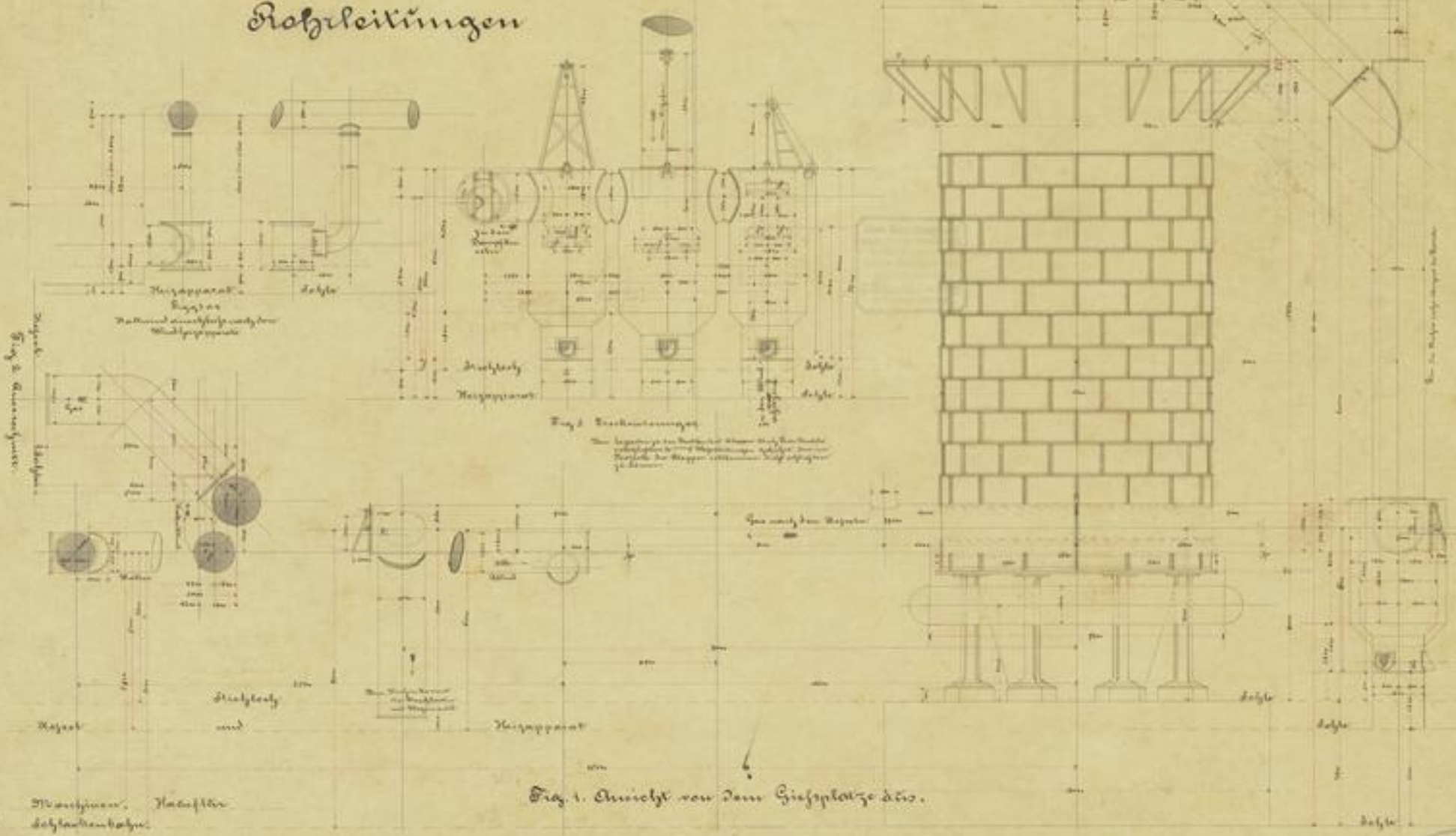
Hohofen Anlage

zu

Amberg in Baiern

1851.

Rohrleitungen



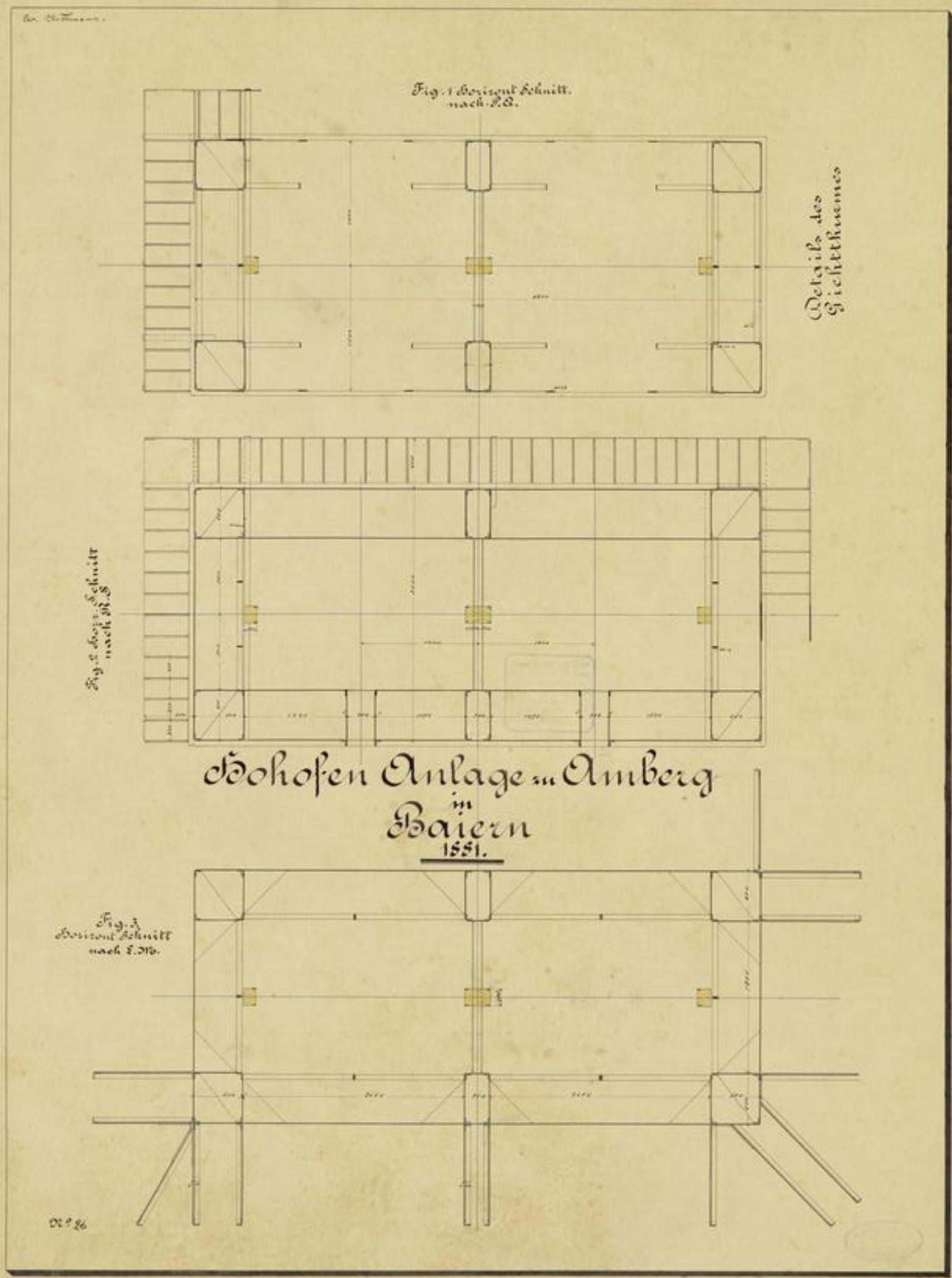
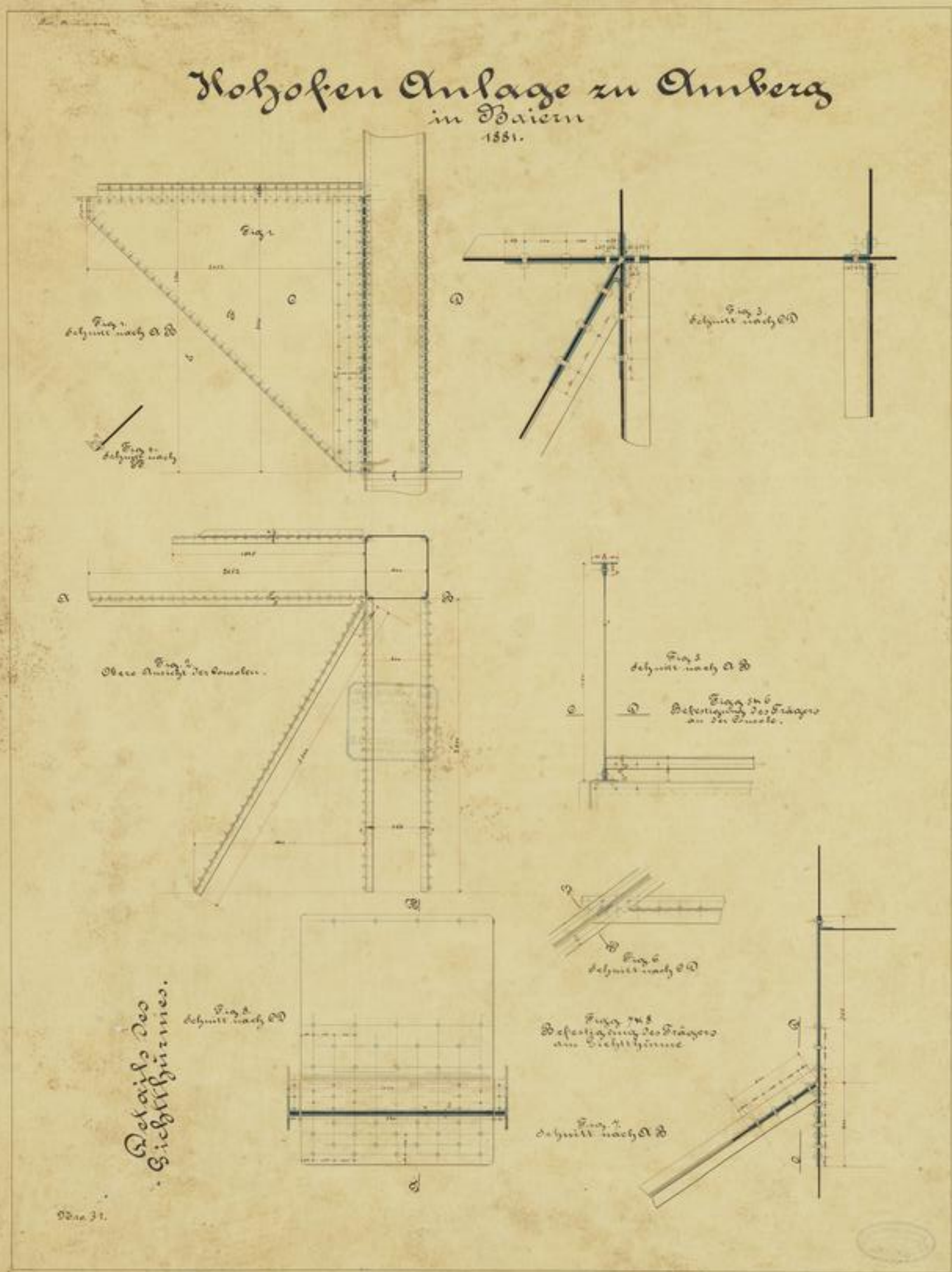
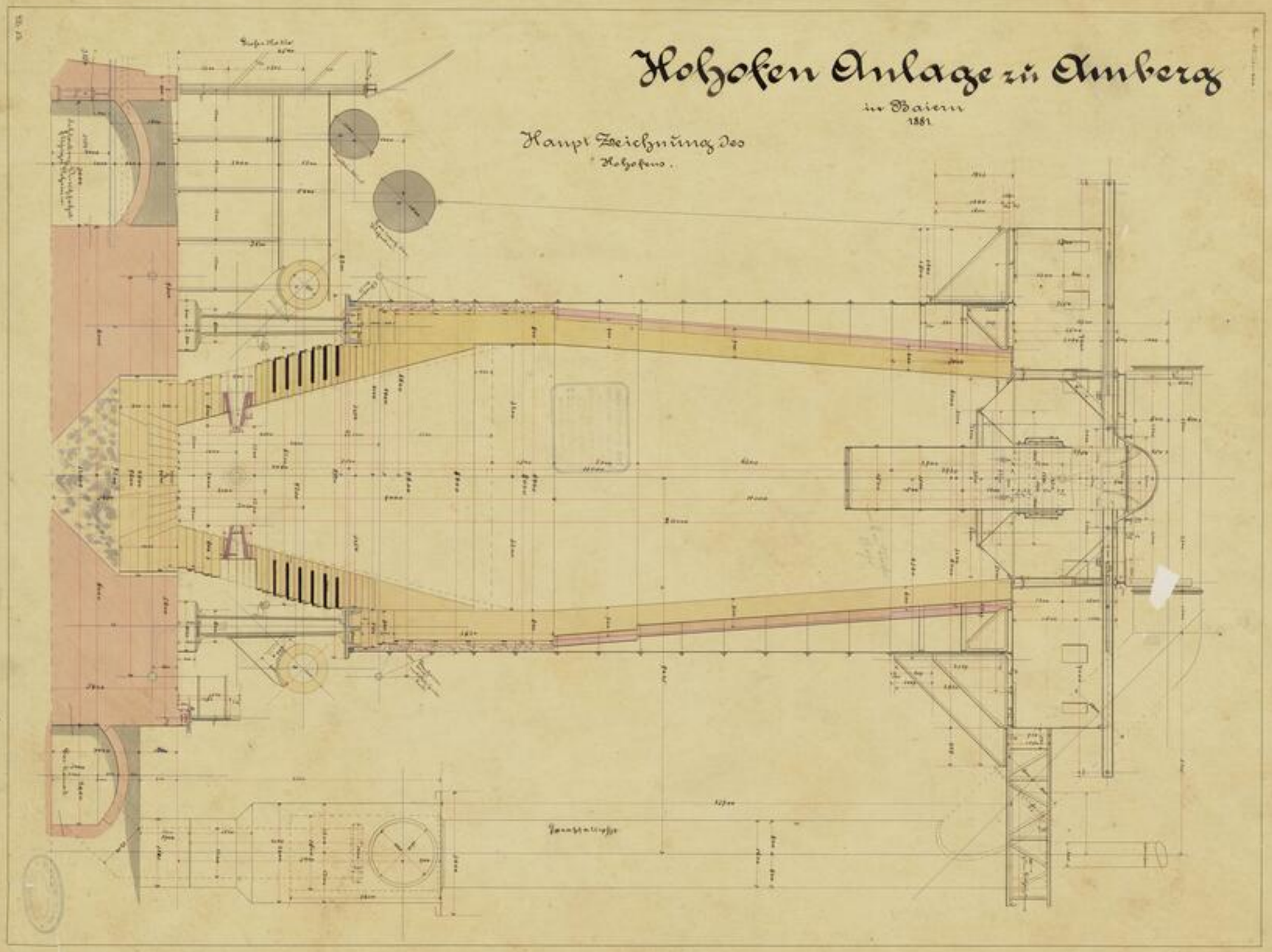


Fig. 1 Horizont Schnitt.
nach P.Q.
Details des
Giichthaumes
Fig. 2 Horiz. Schnitt
nach R.S
Hohofen Anlage zu Amberg
in
Baiern
1851.
Fig. 3
Horizont Schnitt
nach T.U.V.

Hohofen Anlage zu Amberg
in Baiern
1881.





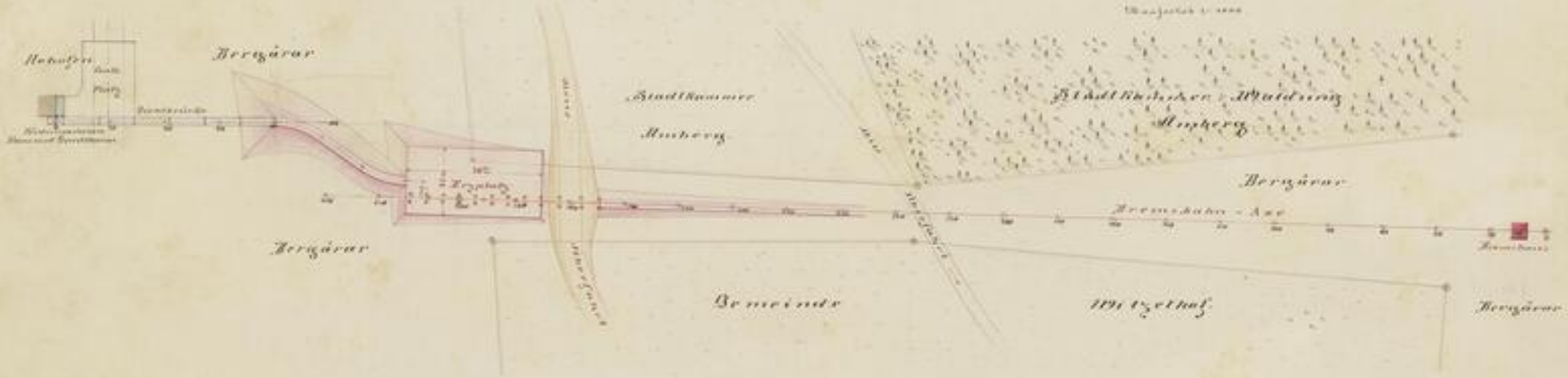
Hohofen-Anlage

zu

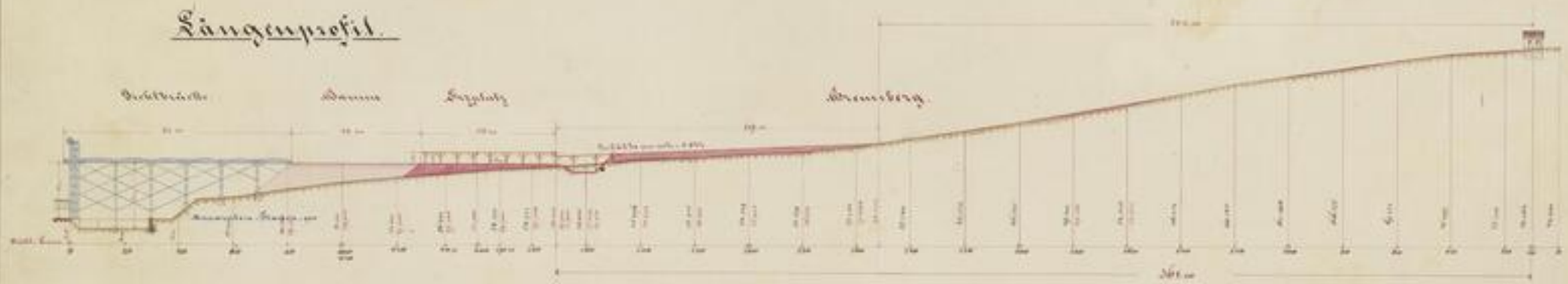
Amberg in Bayern 1882.

Bremsberg.

Horizontalprojection.



Längenprofil.

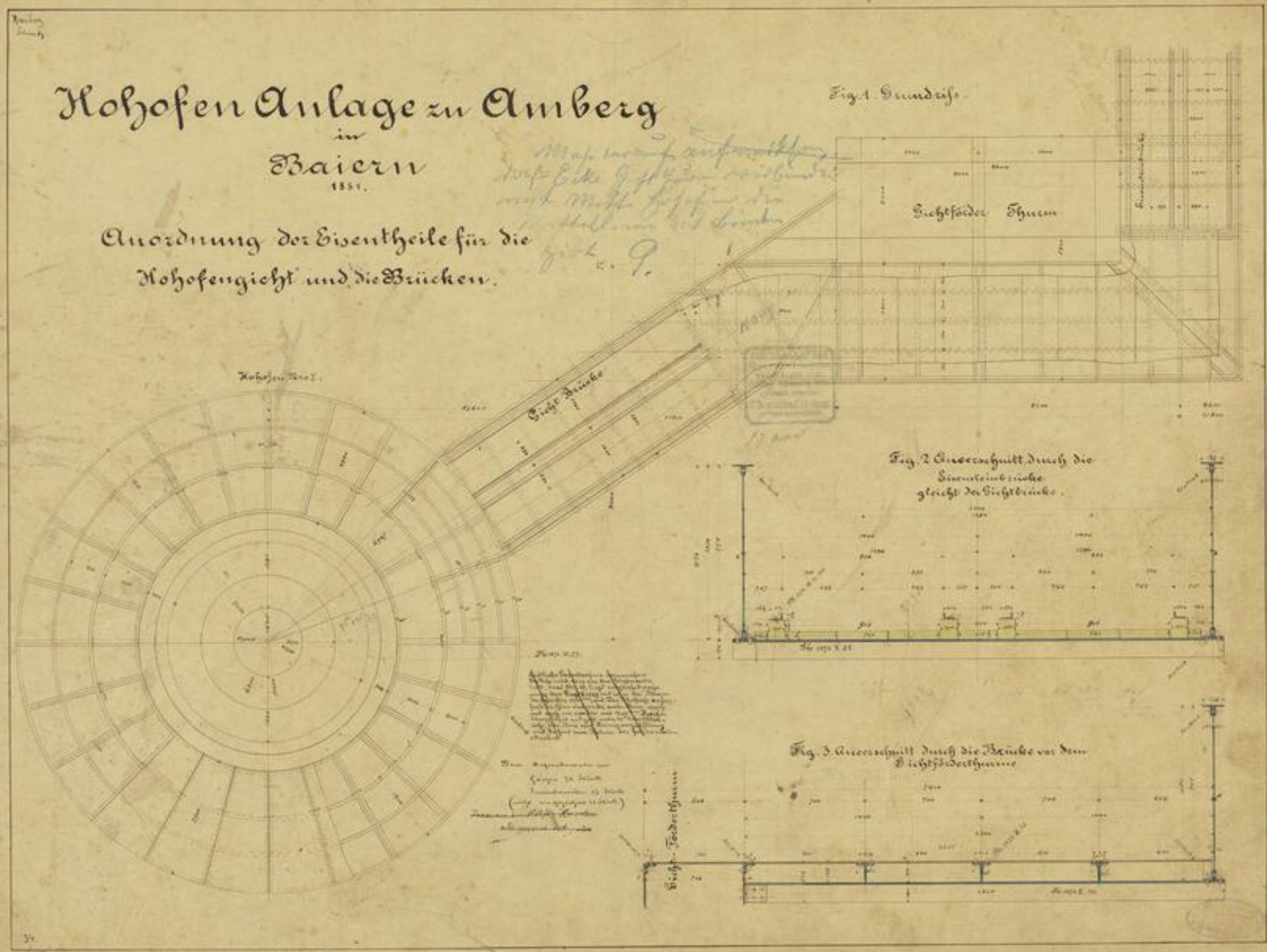


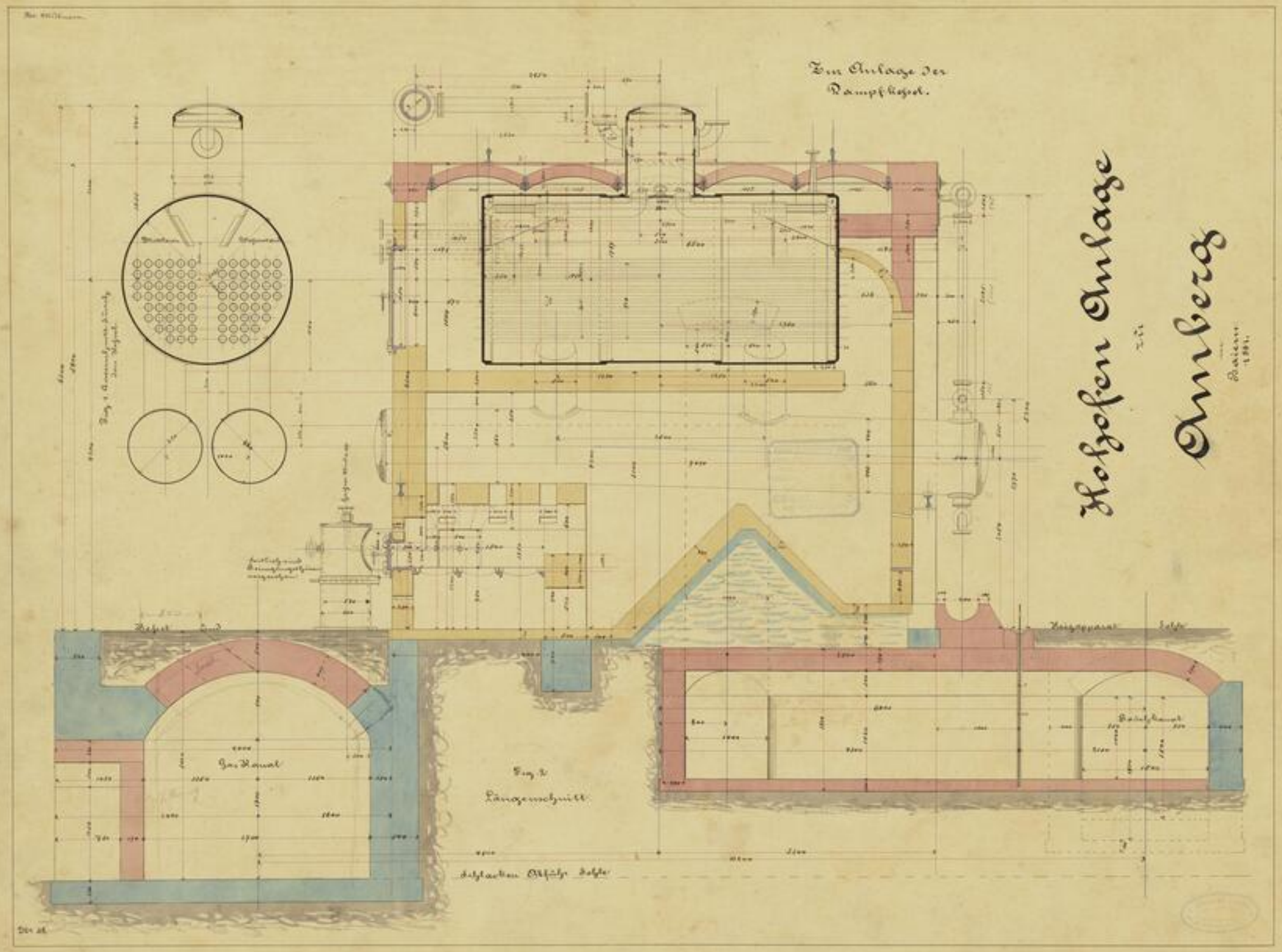
35.

Hohofen Anlage zu Amberg in Baiern

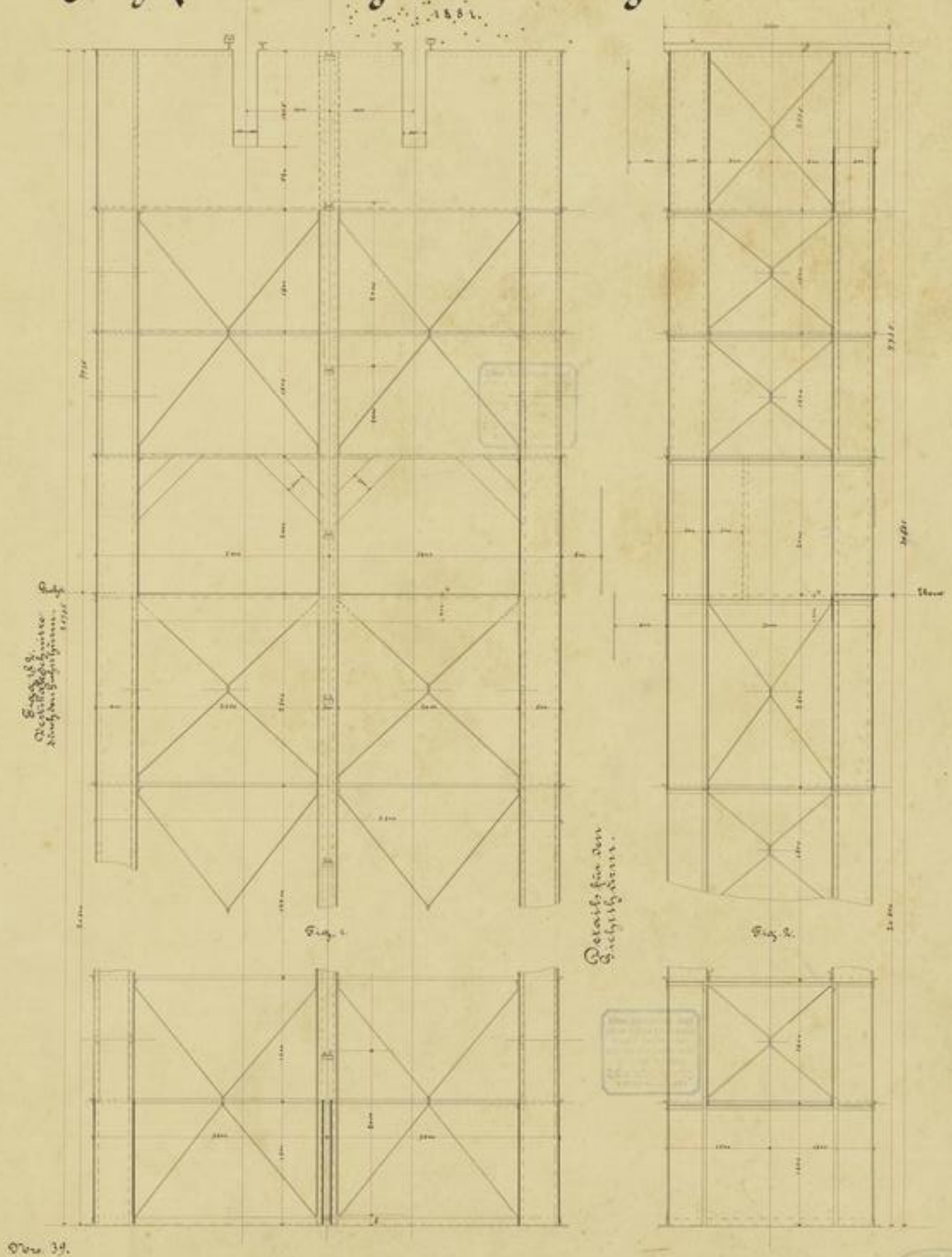
1851.

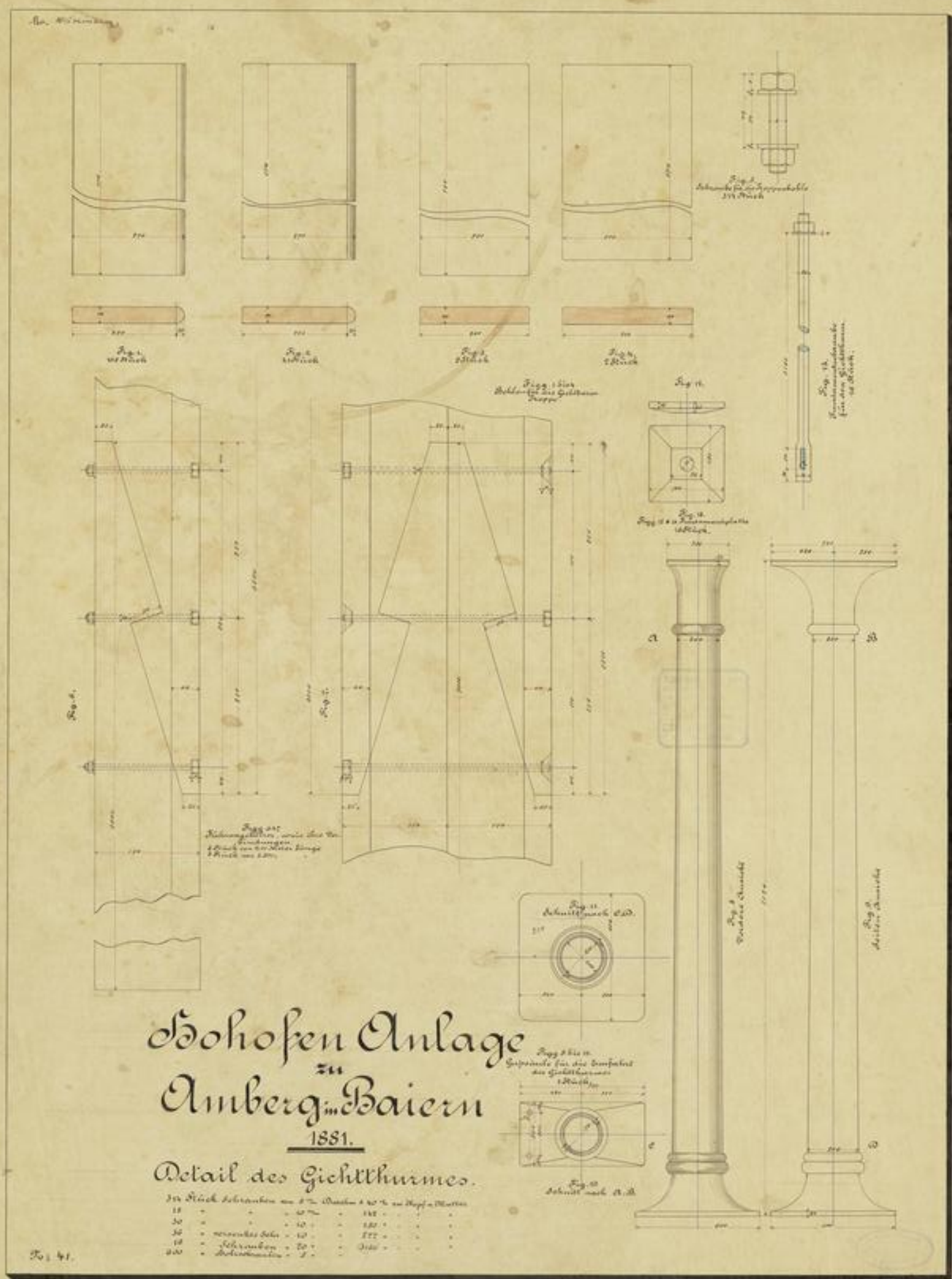
Anordnung der Eisentheile für die Hohofengicht und die Brücken.

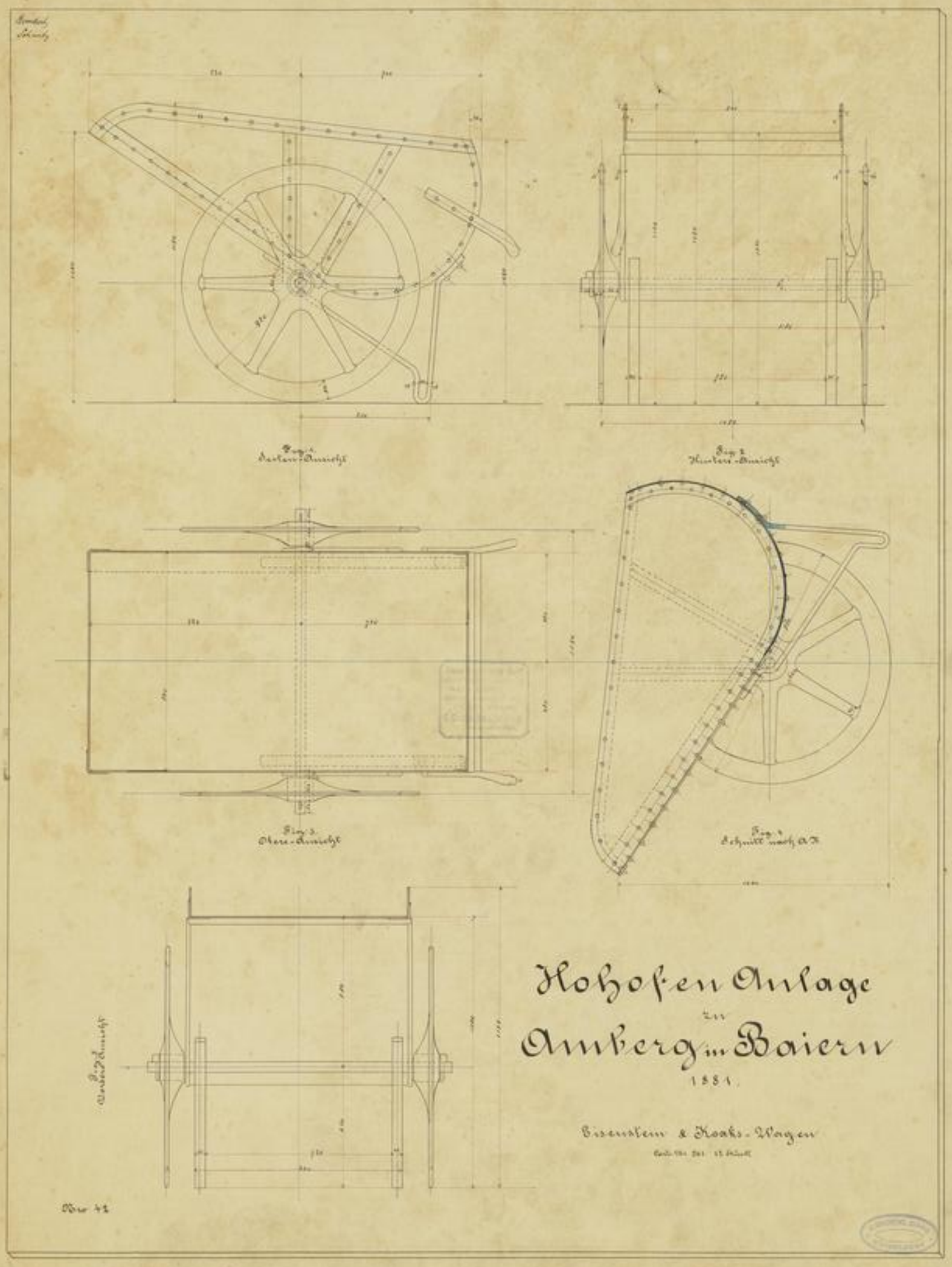


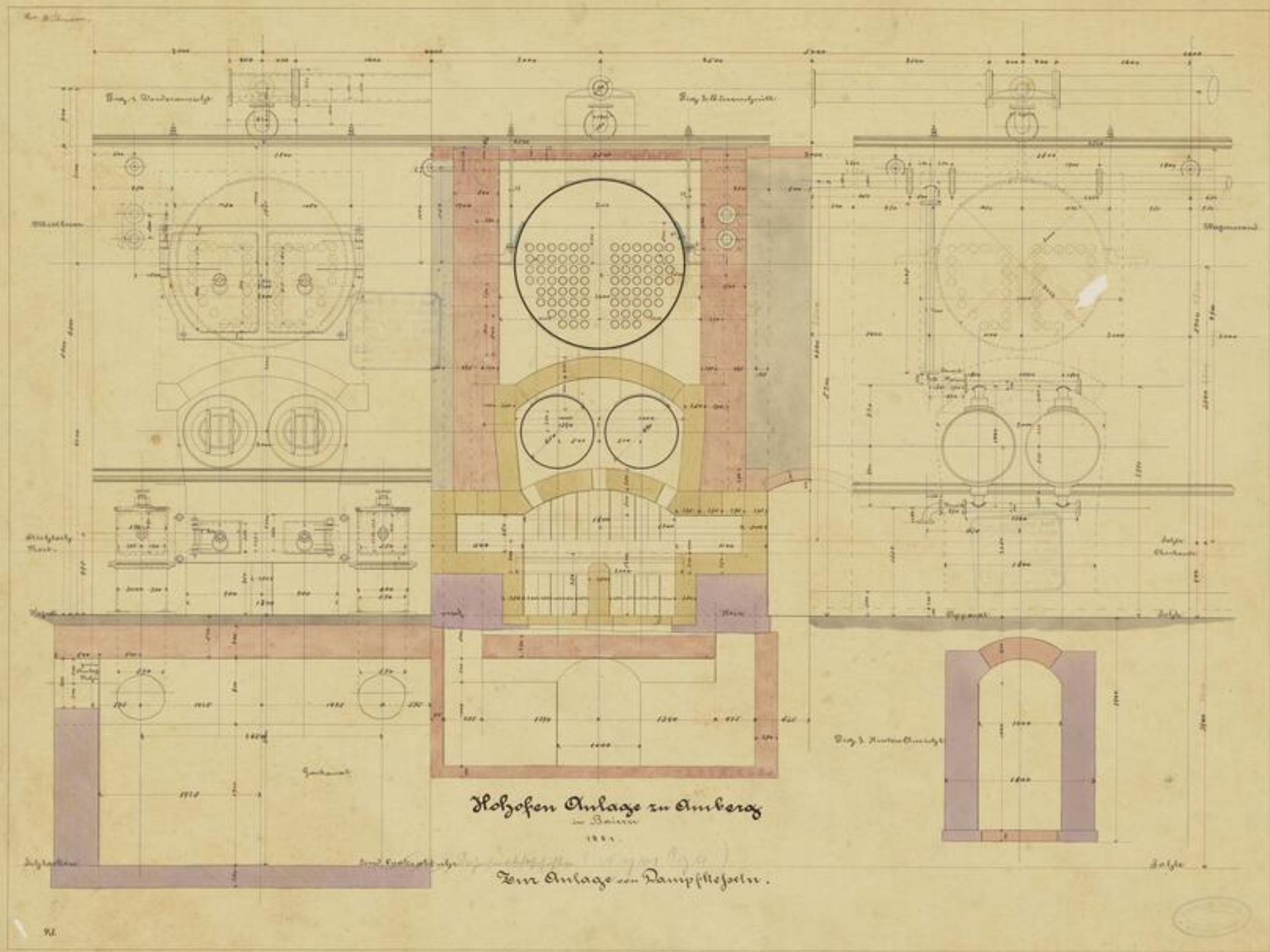


Hohofen Anlage zu Amberg in Baiern.



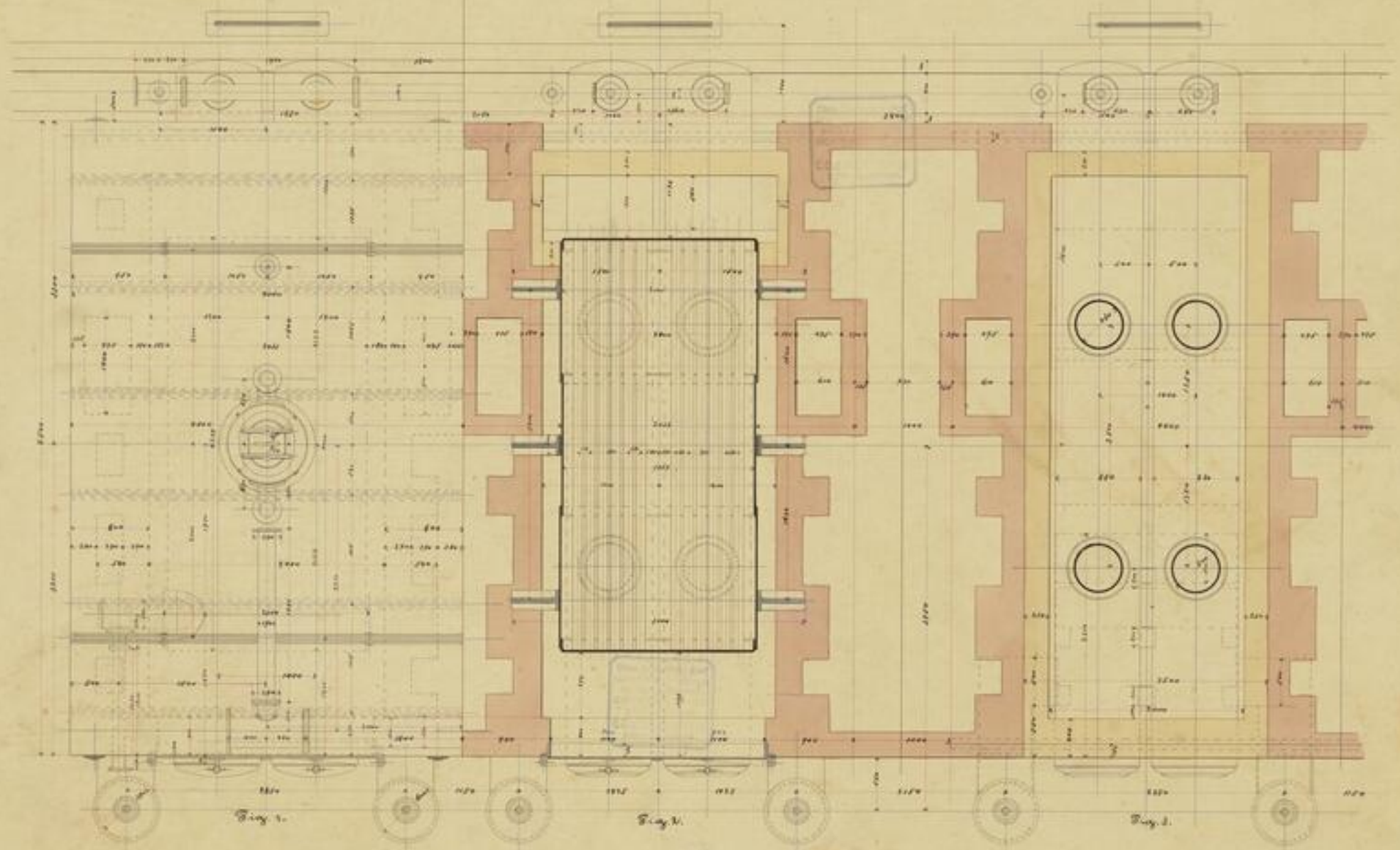






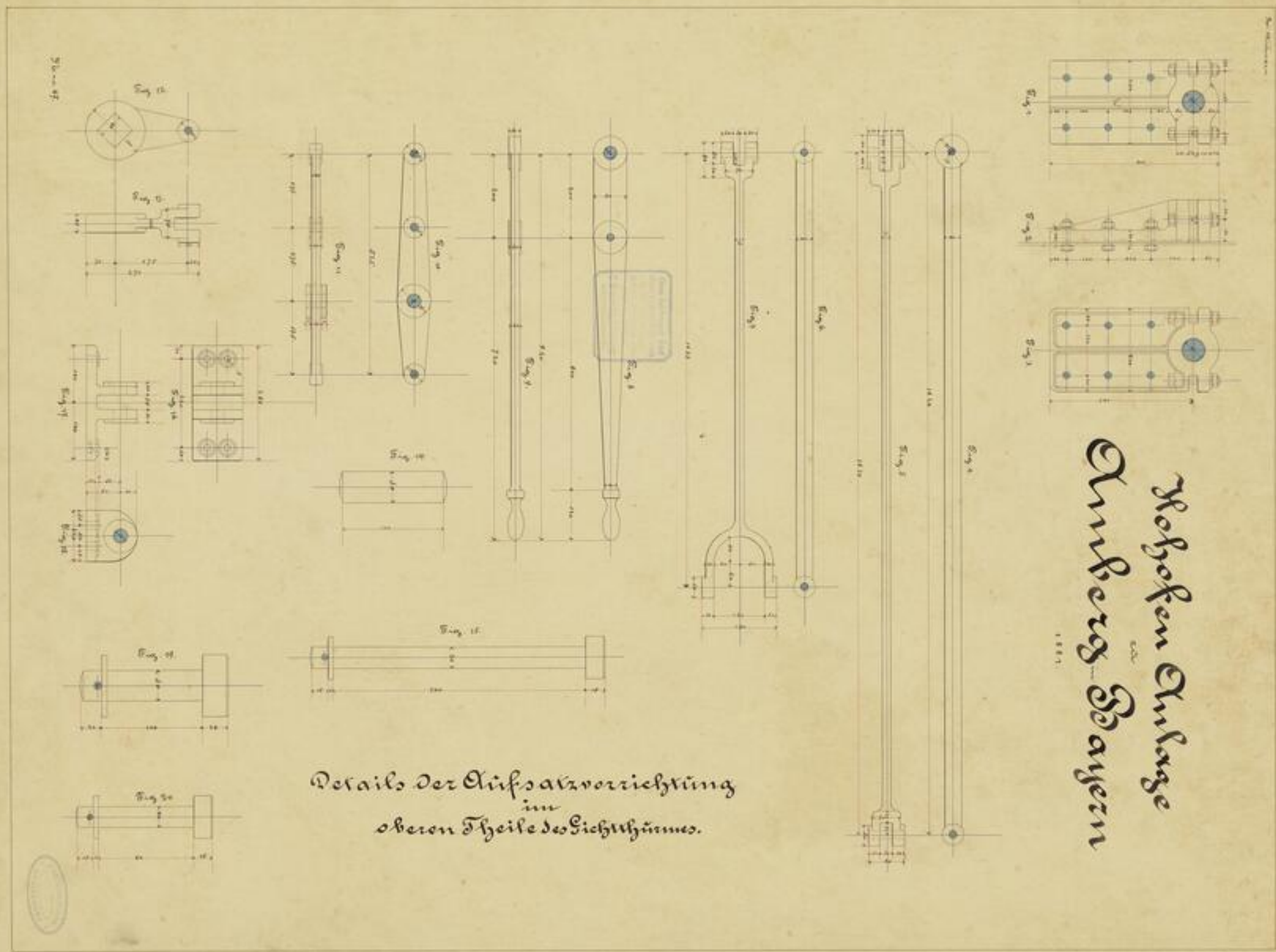
Hohofen Anlage zu Amberg in Baiern

1881.



Für Anlage von Dampfkesseln.
Grundrisse.

SD199.



Hochofen Anlage
Amberg-Bayern

Details der Aufsatzvorrichtung
im
oberen Theile des Gichthurmes.

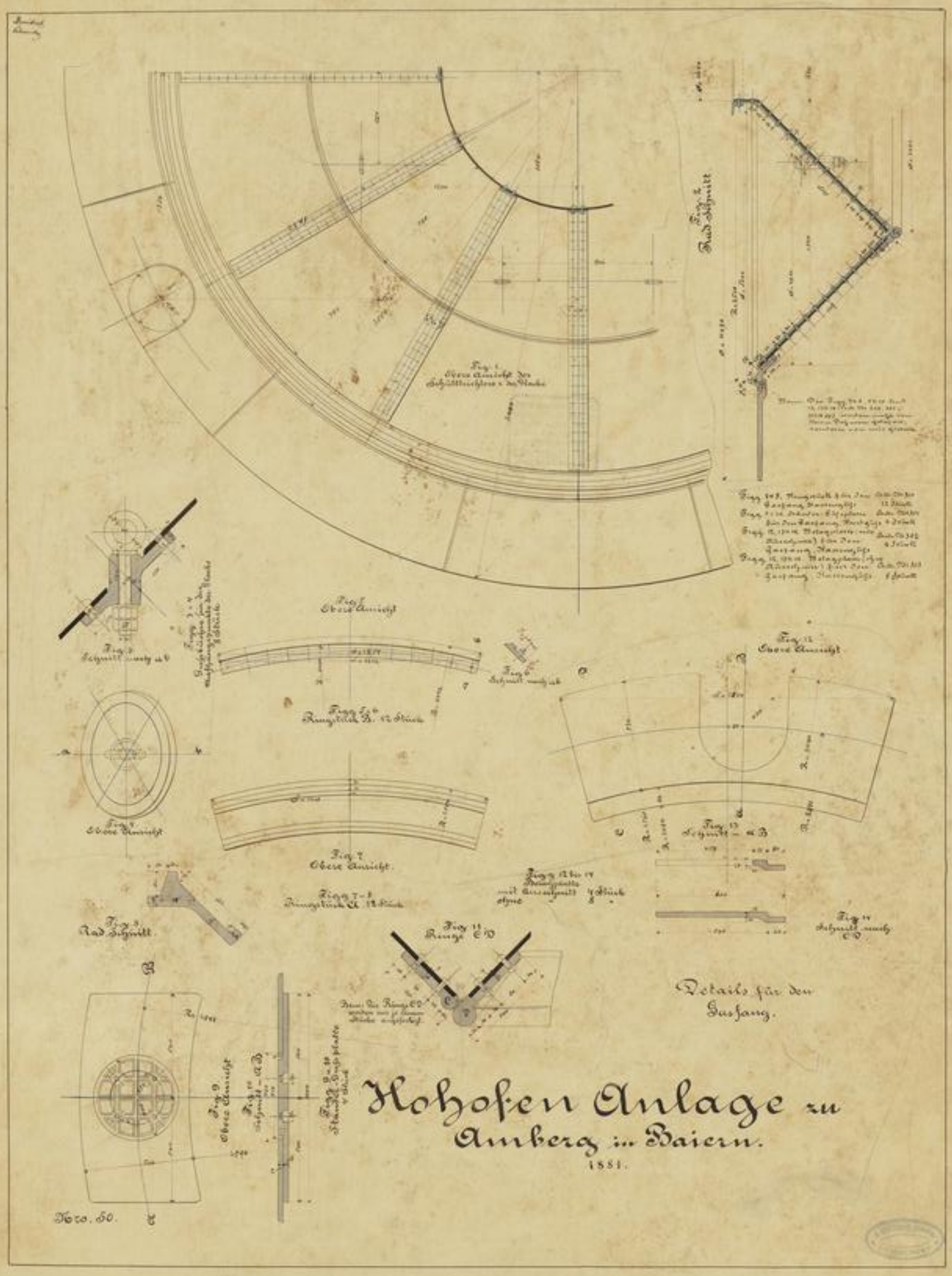


Fig. 1
Obere Ansicht der Schüttbühne u. des Daches
Fig. 2
Rad-Schnitt
Fig. 3
Schnitt nach ab
Fig. 4
Obere Ansicht
Fig. 5
Obere Ansicht
Fig. 6
Schnitt nach ab
Fig. 7
Obere Ansicht.
Fig. 8
Rad Schnitt.
Fig. 9
Obere Ansicht
Fig. 10
Schnitt – AB
Fig. 11
Ringe C D
Fig. 12
Obere Ansicht
Fig. 13
Schnitt – AB
Fig. 14
Schnitt nach CD
Details für den Gichtgang.
Hohofen Anlage zu
Amberg in Baiern.
1881.
No. 50.

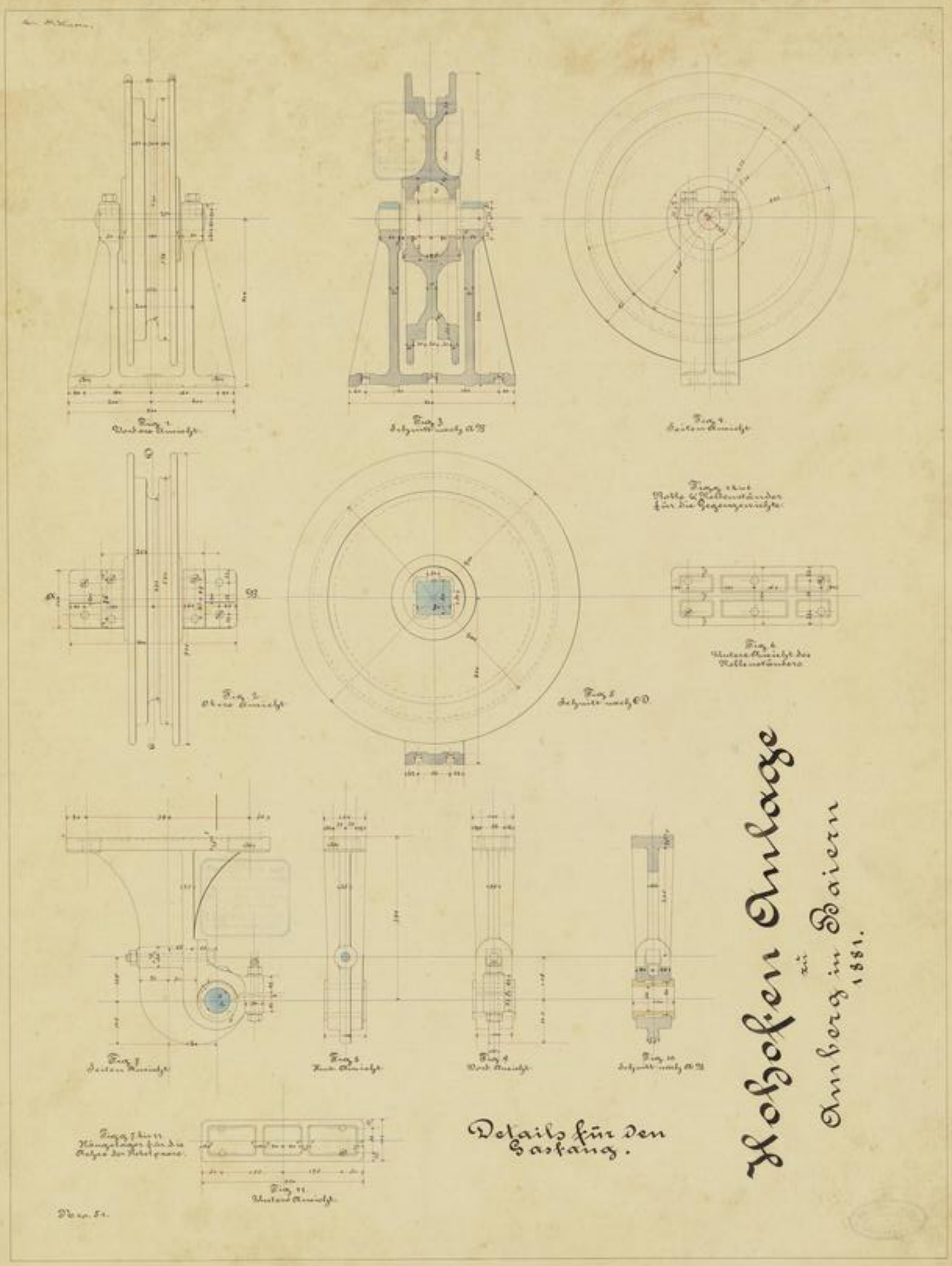
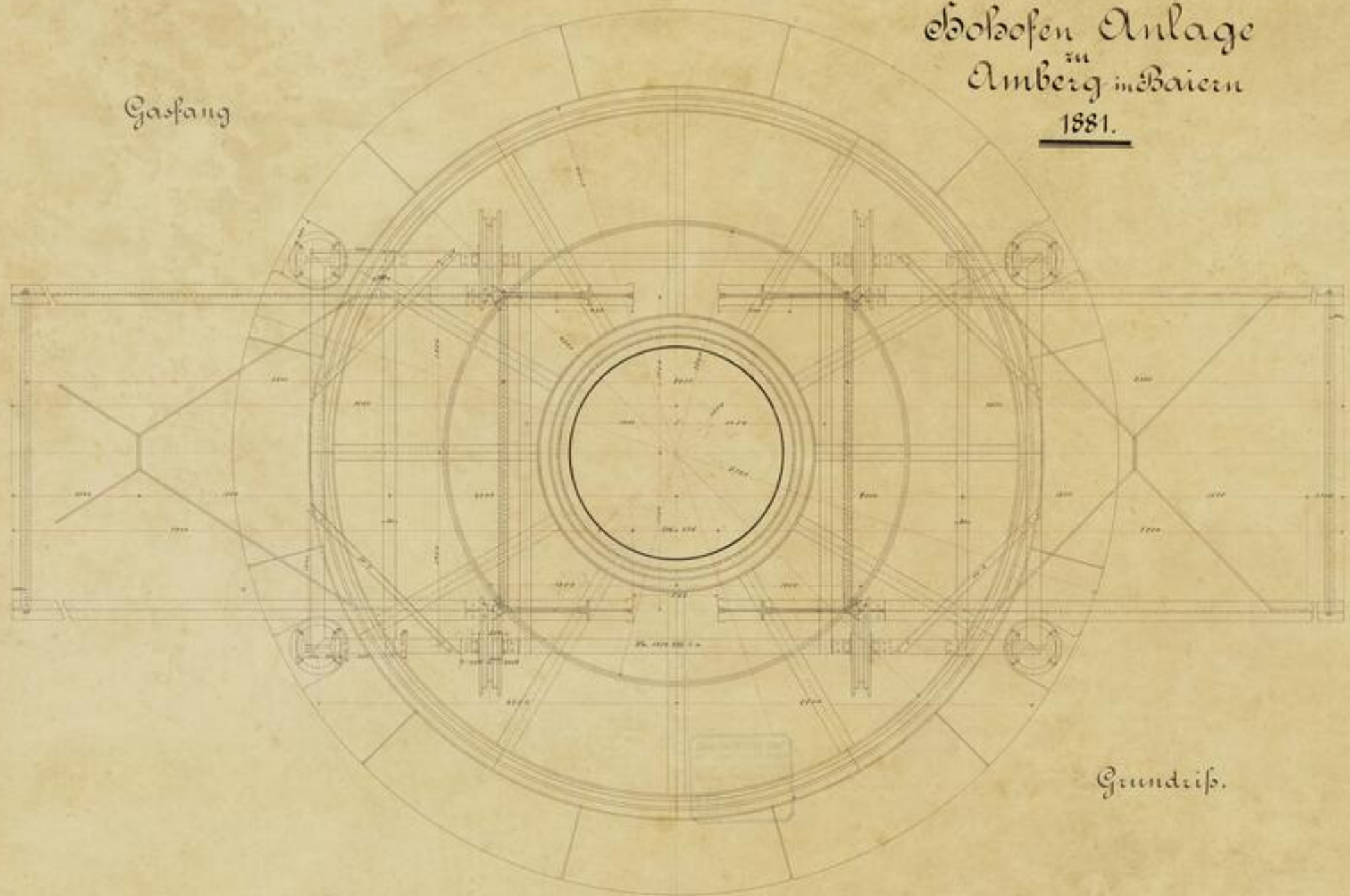


Fig. 1
Vordere Ansicht
Fig. 3
Schnitt nach AB
Fig. 7
Seiten Ansicht
Fig. 2
Obere Ansicht
Fig. 5
Schnitt nach CD
Fig. 6
Untere Ansicht des Wellenständers
Fig. 8
Seiten Ansicht
Fig. 9
Vorder Ansicht
Fig. 10
Schnitt nach AB
Fig. 11
Untere Ansicht
Details für den Gestang.
Hohofen Anlage
zu
Amberg in Baiern
1881.

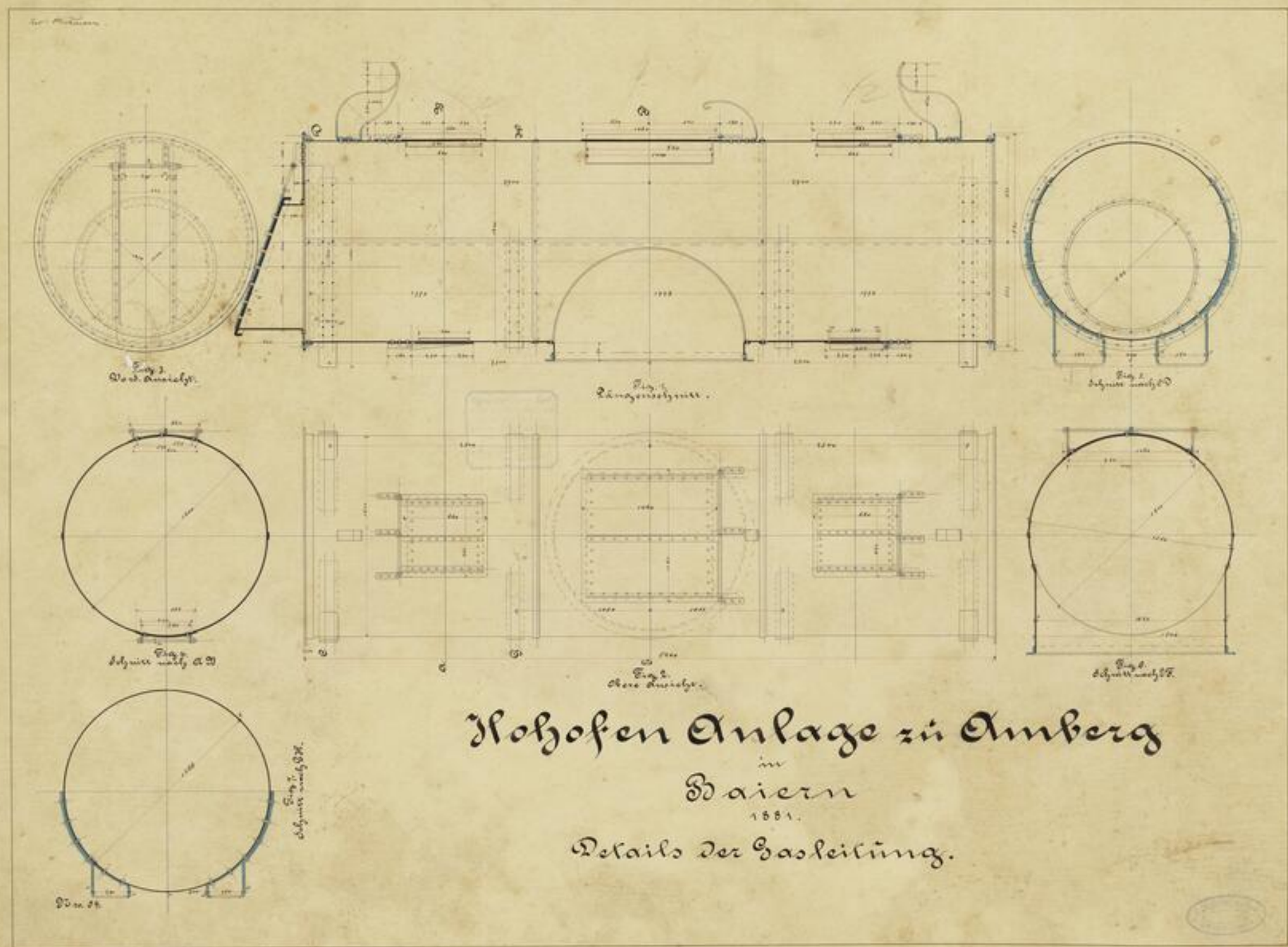
Hohöfen Anlage zu Amberg in Baiern

1881.



Grundriß.

Nr. 52.



Hohofen Anlage zu Amberg

in

Baiern

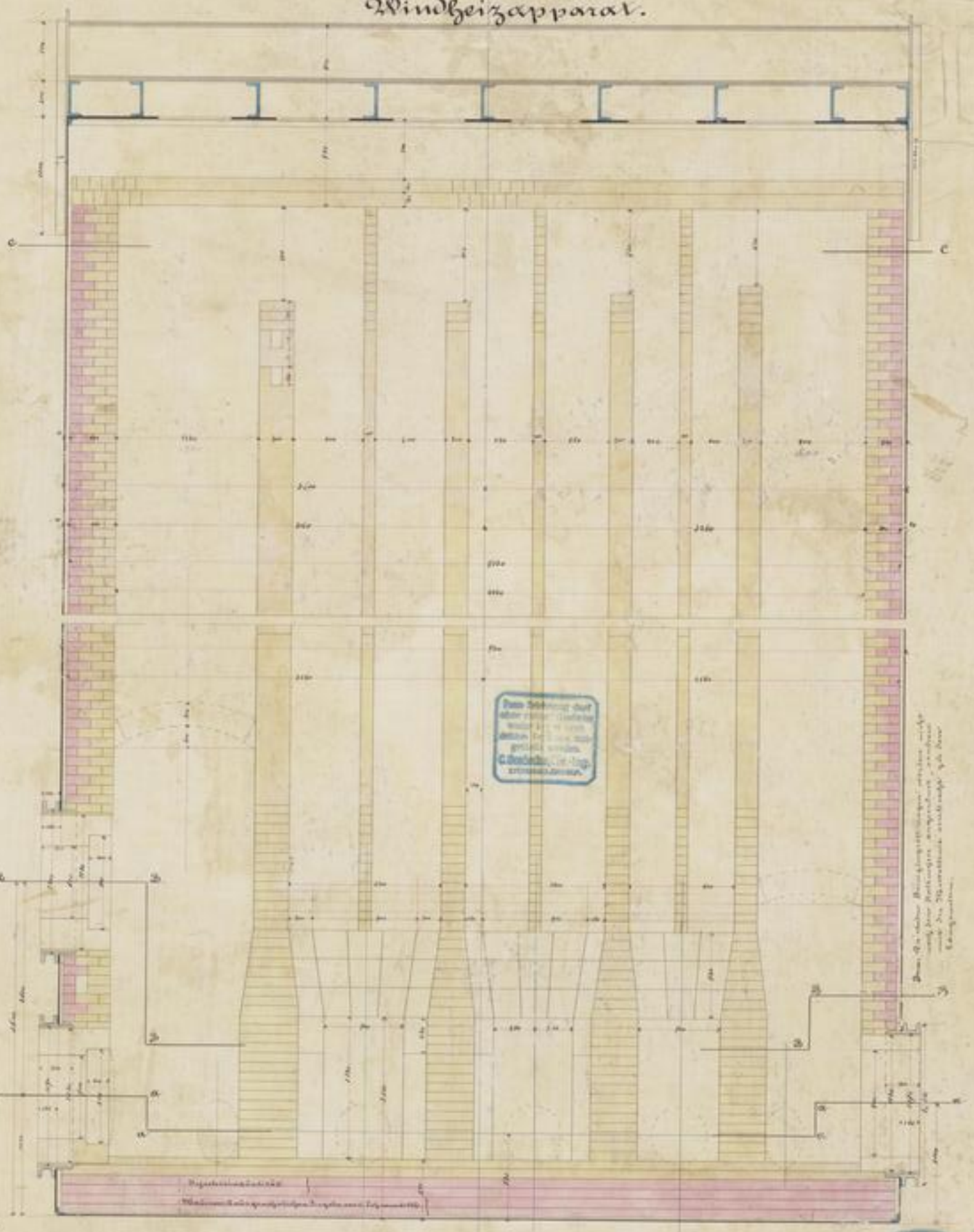
1881.

Details der Gasleitung.

Hohofen Anlage zu Amberg Bayern

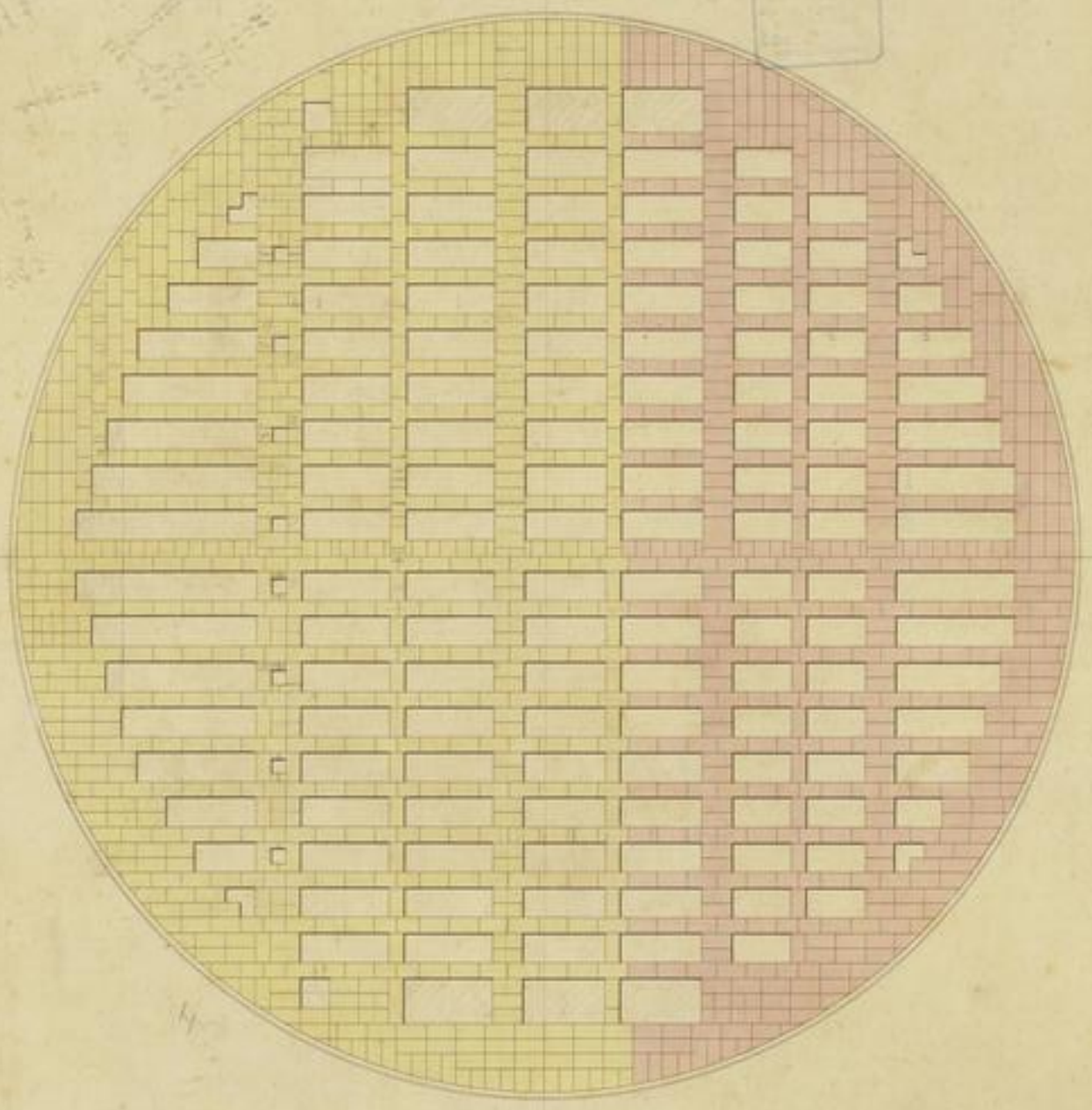
1882.

Windheizapparat.



Hohofen Anlage
zu
Amberg in Baiern
1882.

Heizfläche in den Queerwällen 66,24, in den Längswällen 158 76
Zusammen 225,0 □Met. Heizfläche
auf den steigenden Mauer.

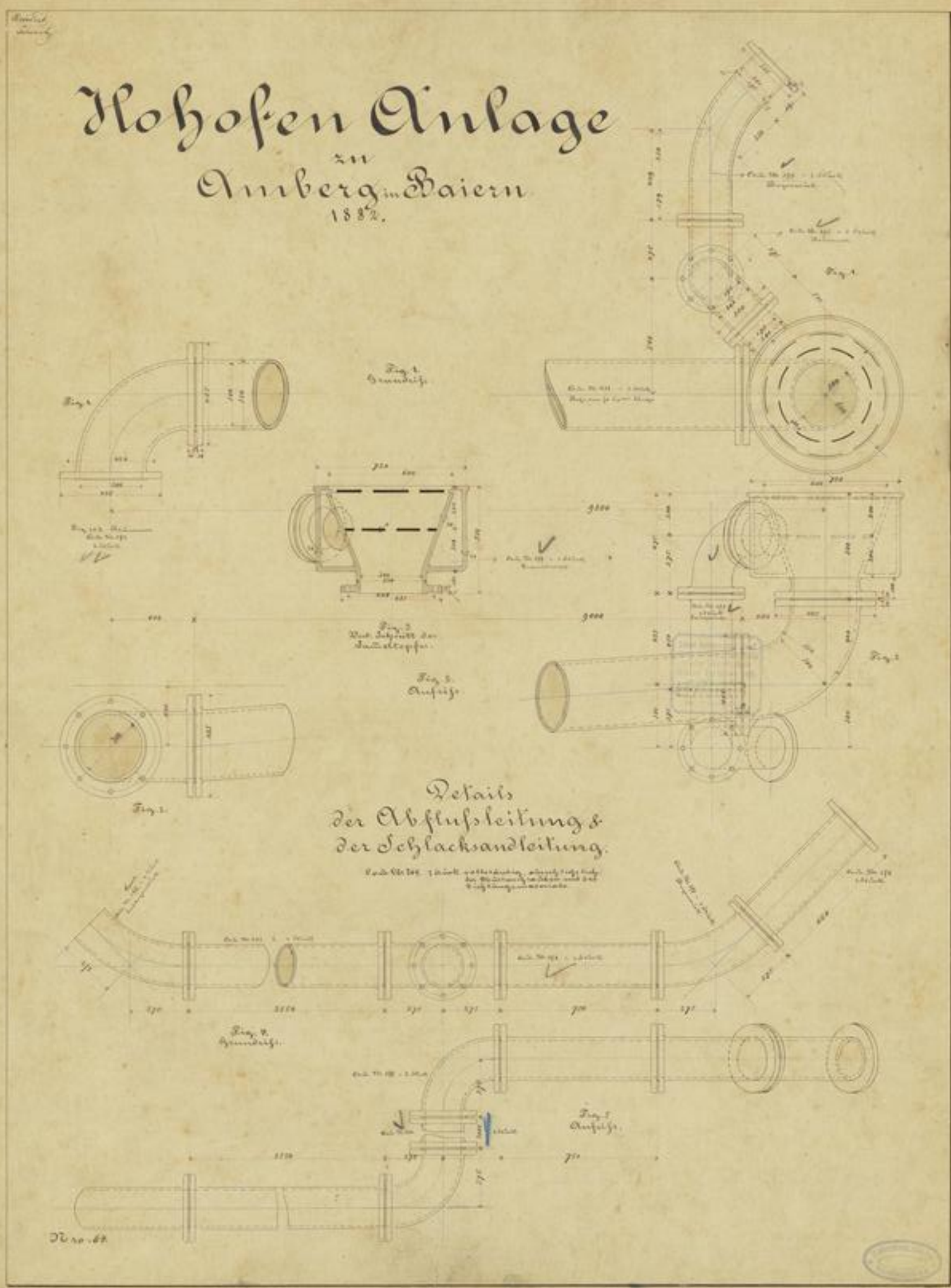


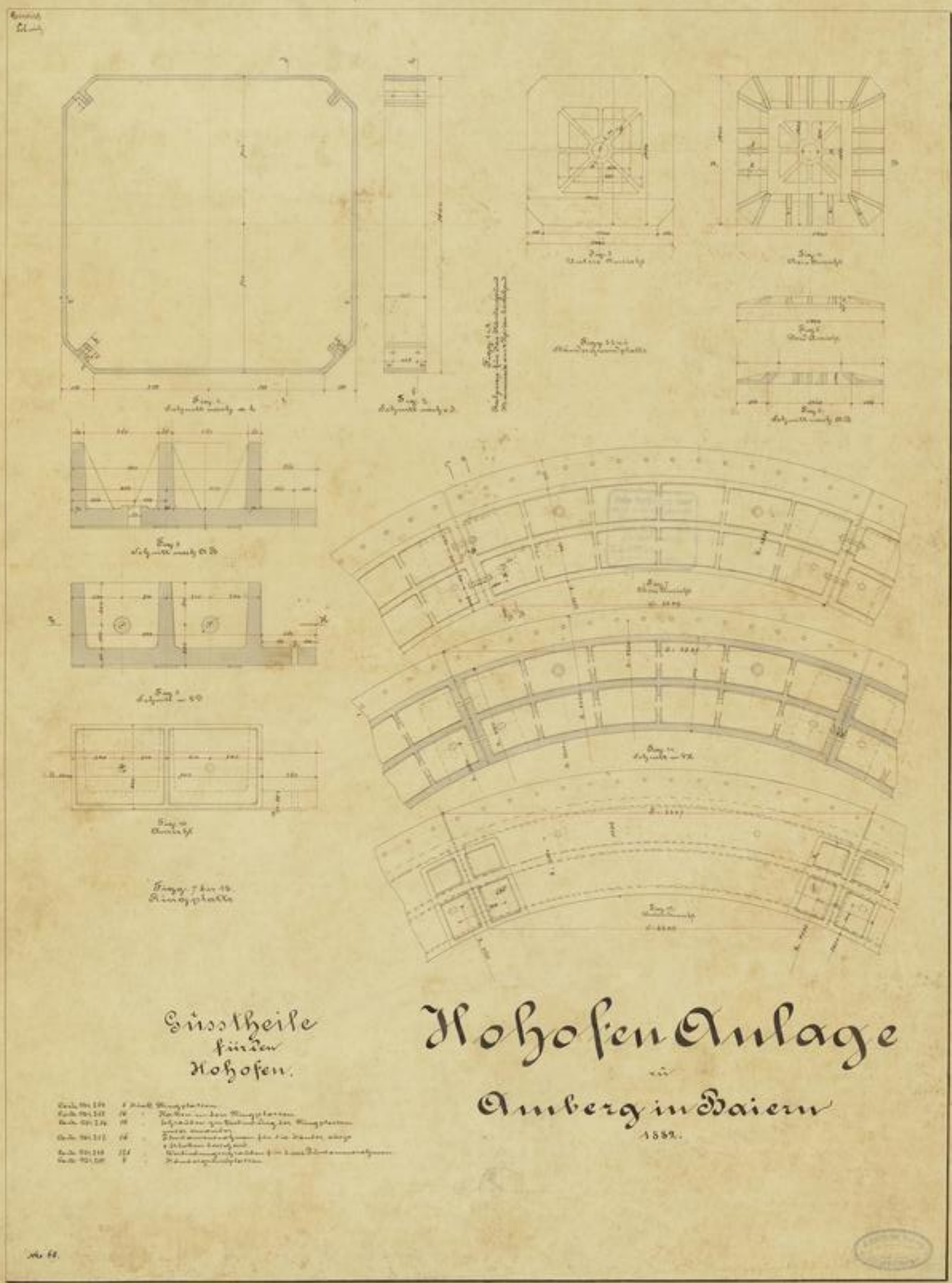
Nimmt man 4 Längswälle mehr, so daß die Dammen 60 mm stark
200 — breit werden so erhält man
260 □Met.
Heizfläche auf den steigenden Mau.

Veränderter Whitwell Winderhitzungs Apparat.

Nr. 57.

Hohofen Anlage
zu
Amberg in Baiern
1882.





Förderkorb für zwei Wagen.

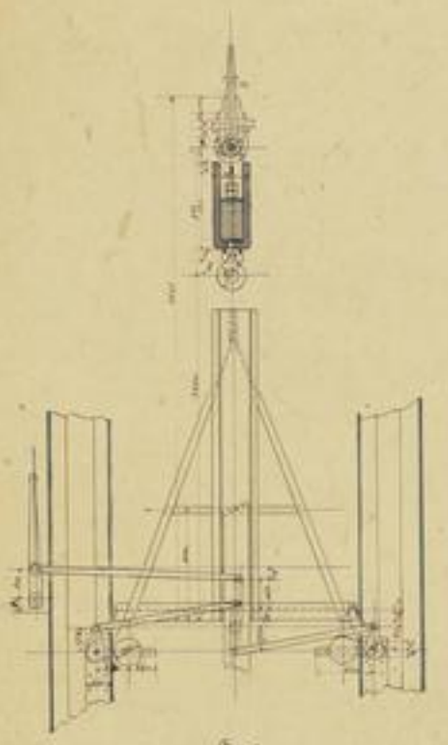


Fig. 1
Seitenansicht nach AB

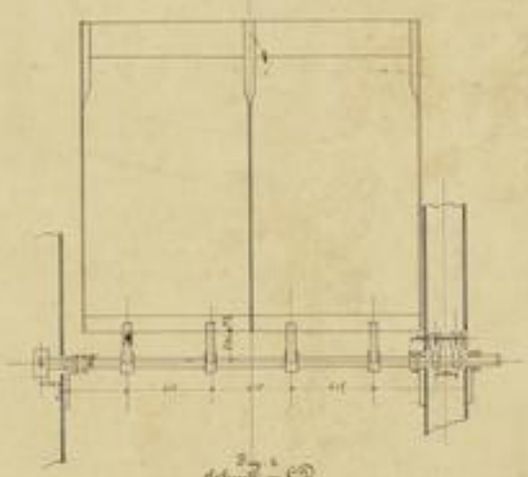


Fig. 2
Schnitt CD

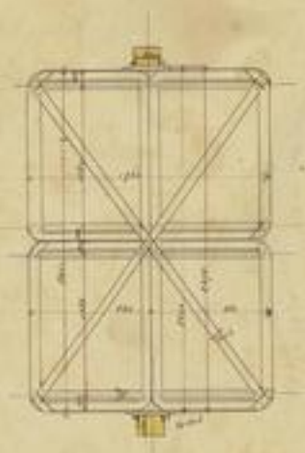


Fig. 3
Untere Ansicht

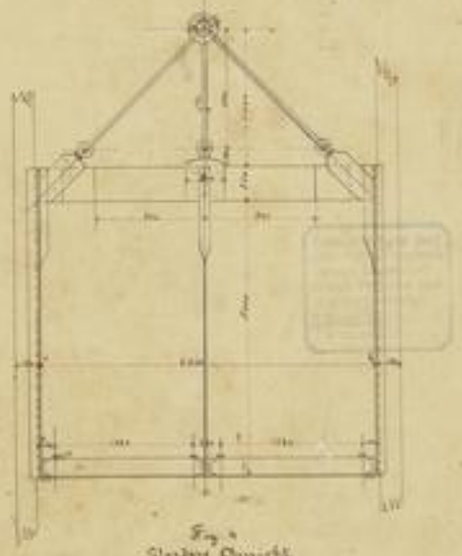


Fig. 4
Vordere Ansicht

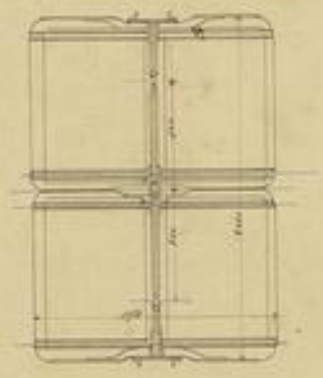


Fig. 5
Obere Ansicht

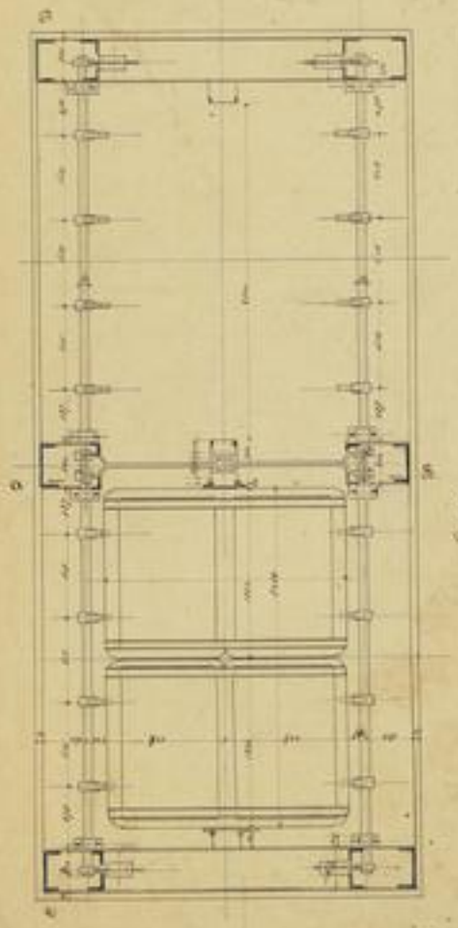


Fig. 6
Obere Ansicht

Hohofen Anlage zu Amberg in Baiern

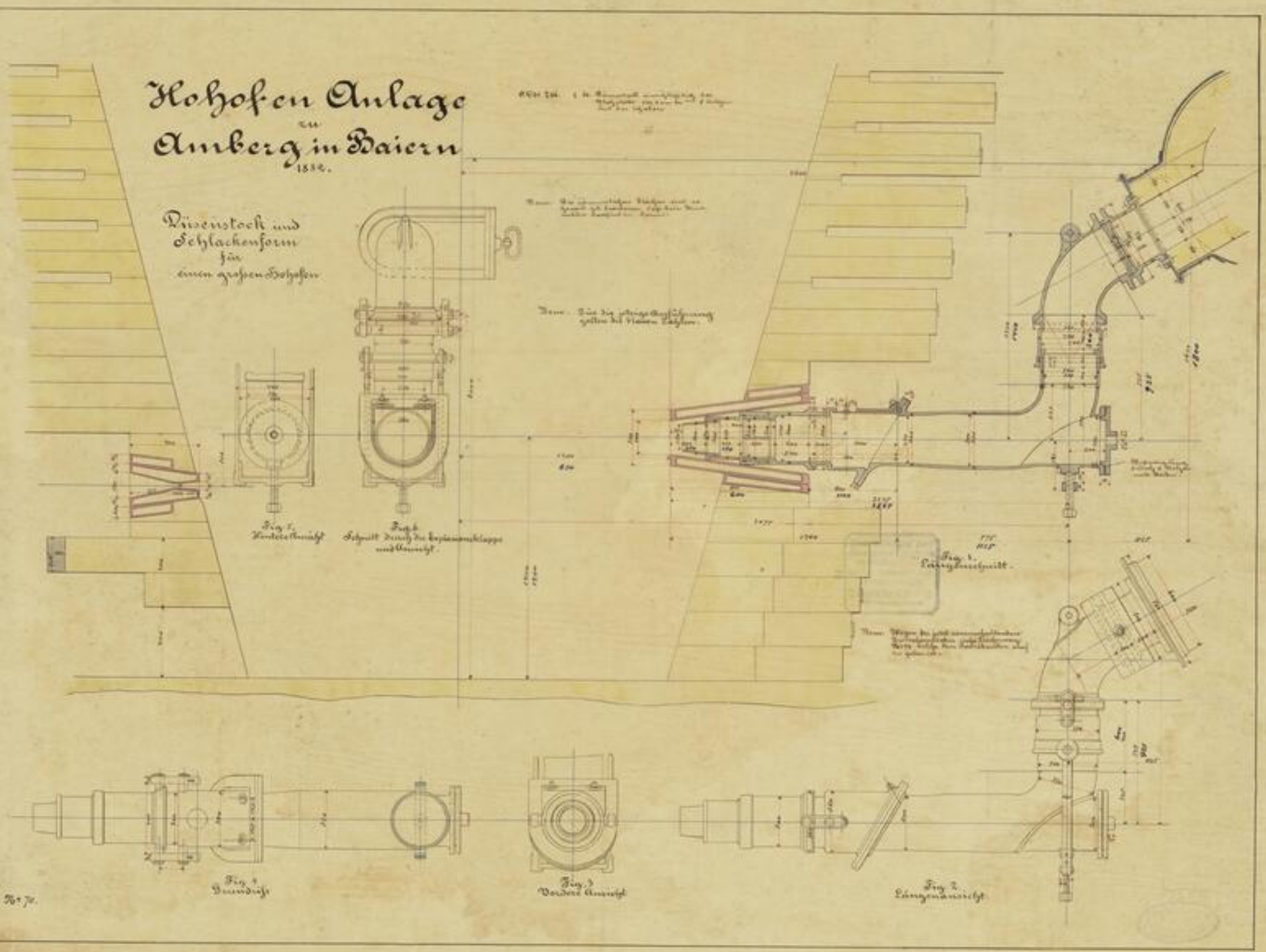
1852.

Förderkorb für 2 Wagen.

Hohofen Anlage zu Amberg in Baiern

1818.

Düsenstock und Schlackenform für einen großen Hohofen



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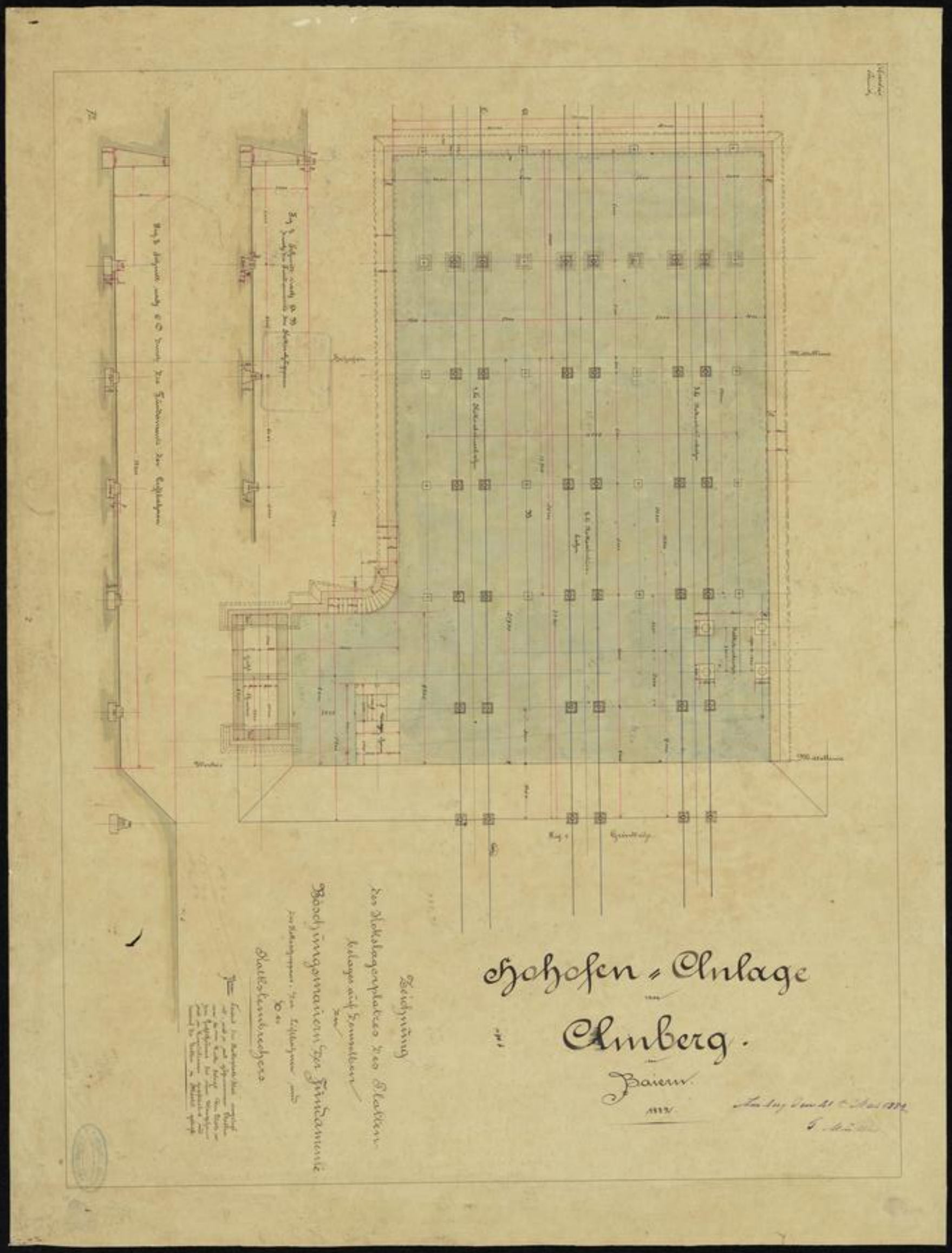
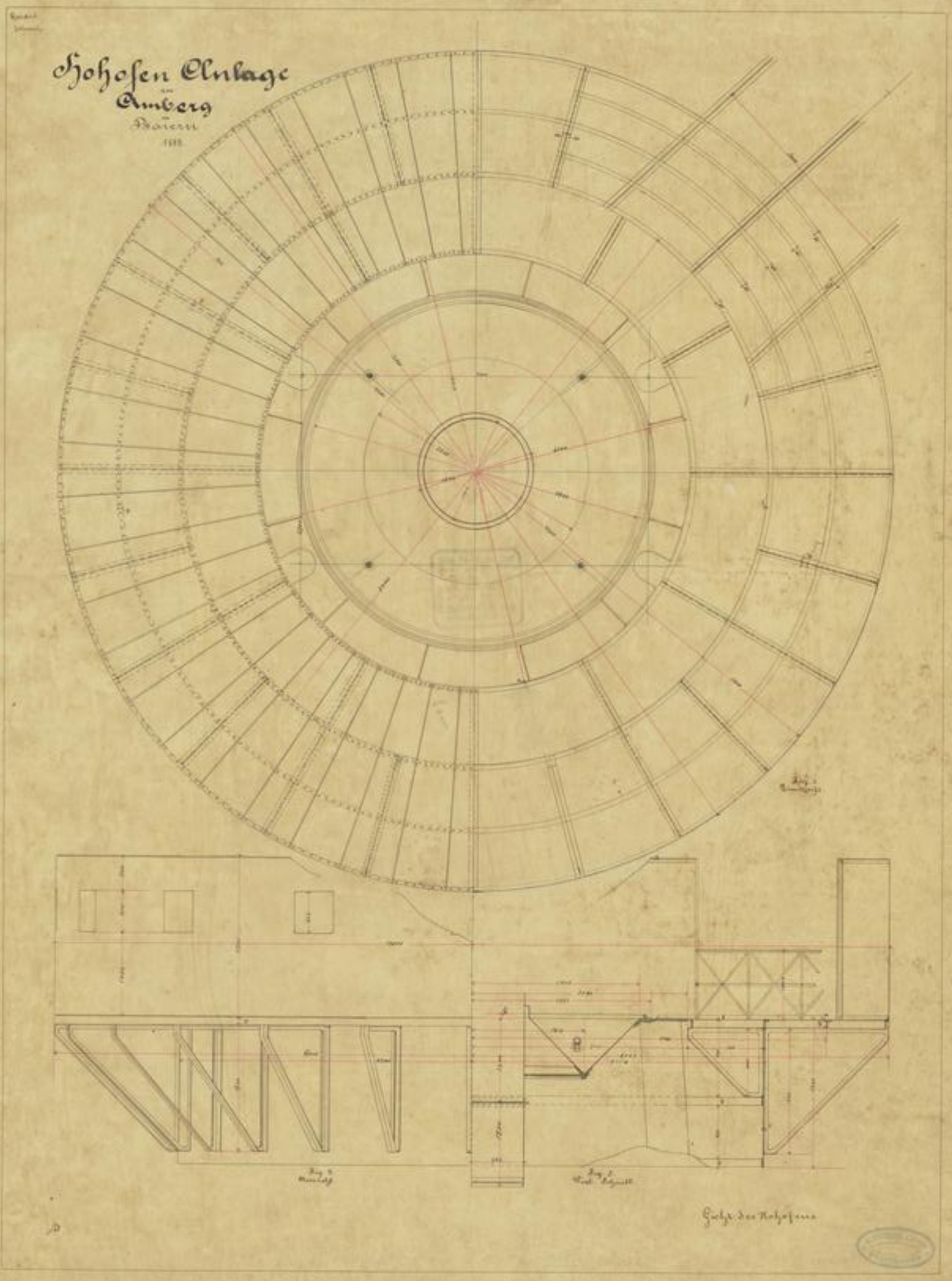
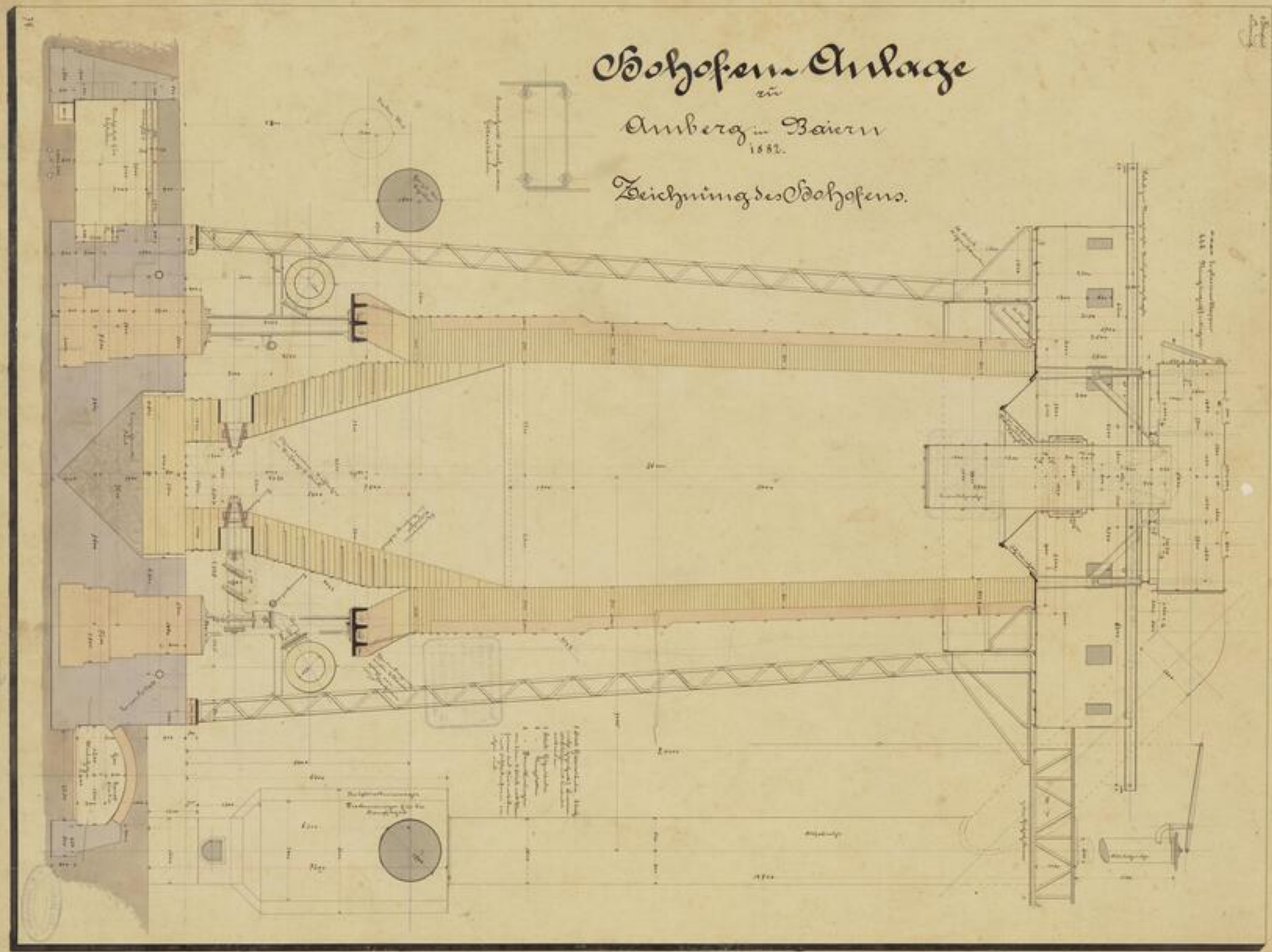






Kokosaufzugbahn.

Hohofen-Anlage zu Amberg in Baiern. 1882.

Fig. 1. Grundriss.

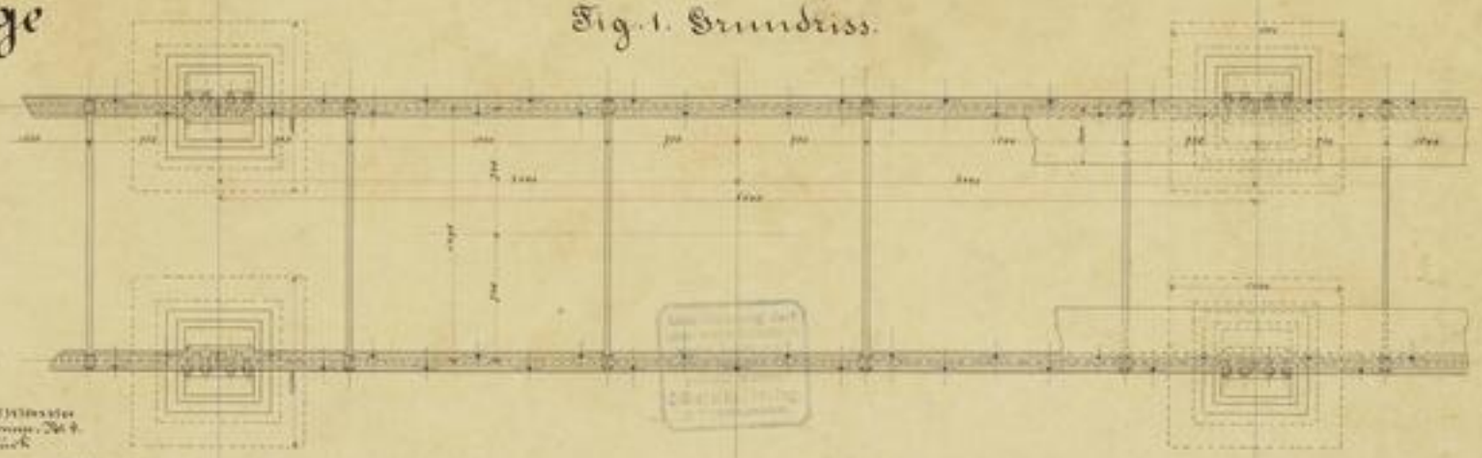


Fig. 4. Querschnitt. Fig. 5. Queransicht.

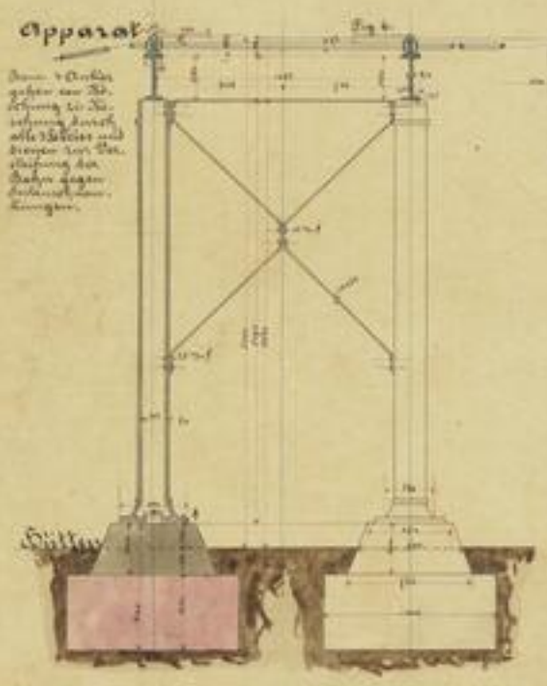
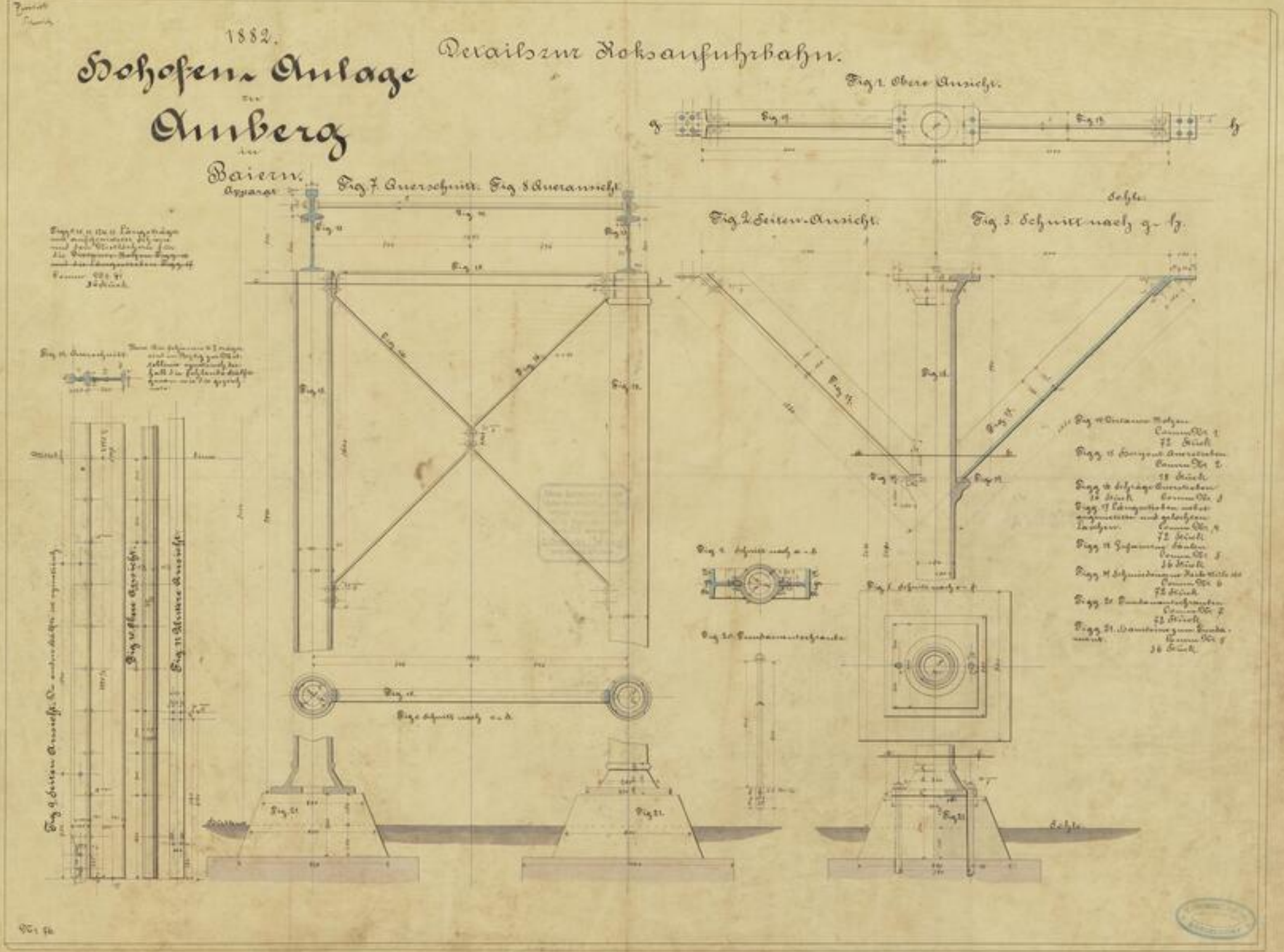


Fig. 2. Längenschnitt. Fig. 3. Längenansicht.

1882.

Hohofen-Anlage zu Amberg in Baiern.

Details zur Koksanfuhrbahn.



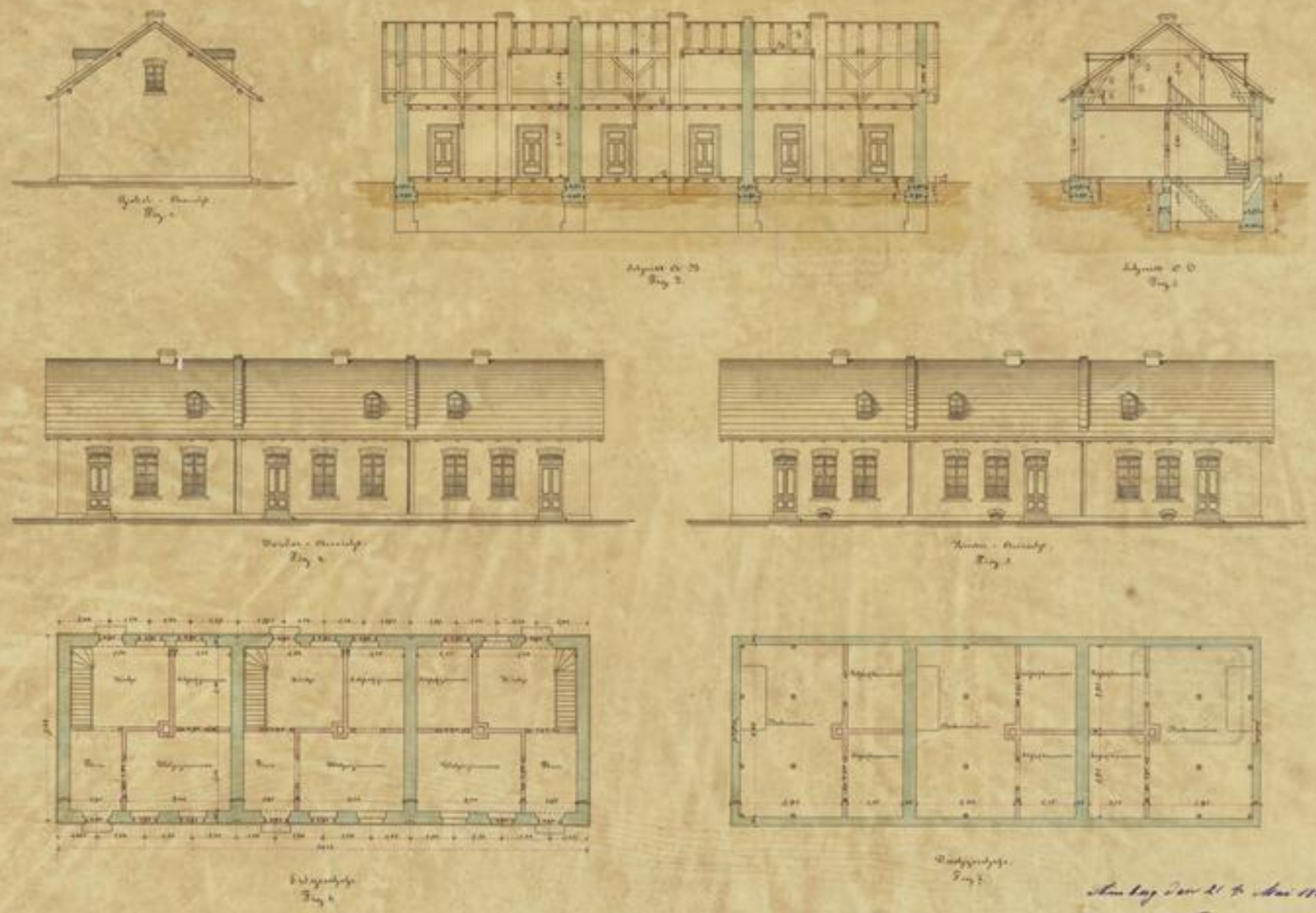
Dreifaches Wohnhaus.

Hohofen-Anlage zu Amberg

bei

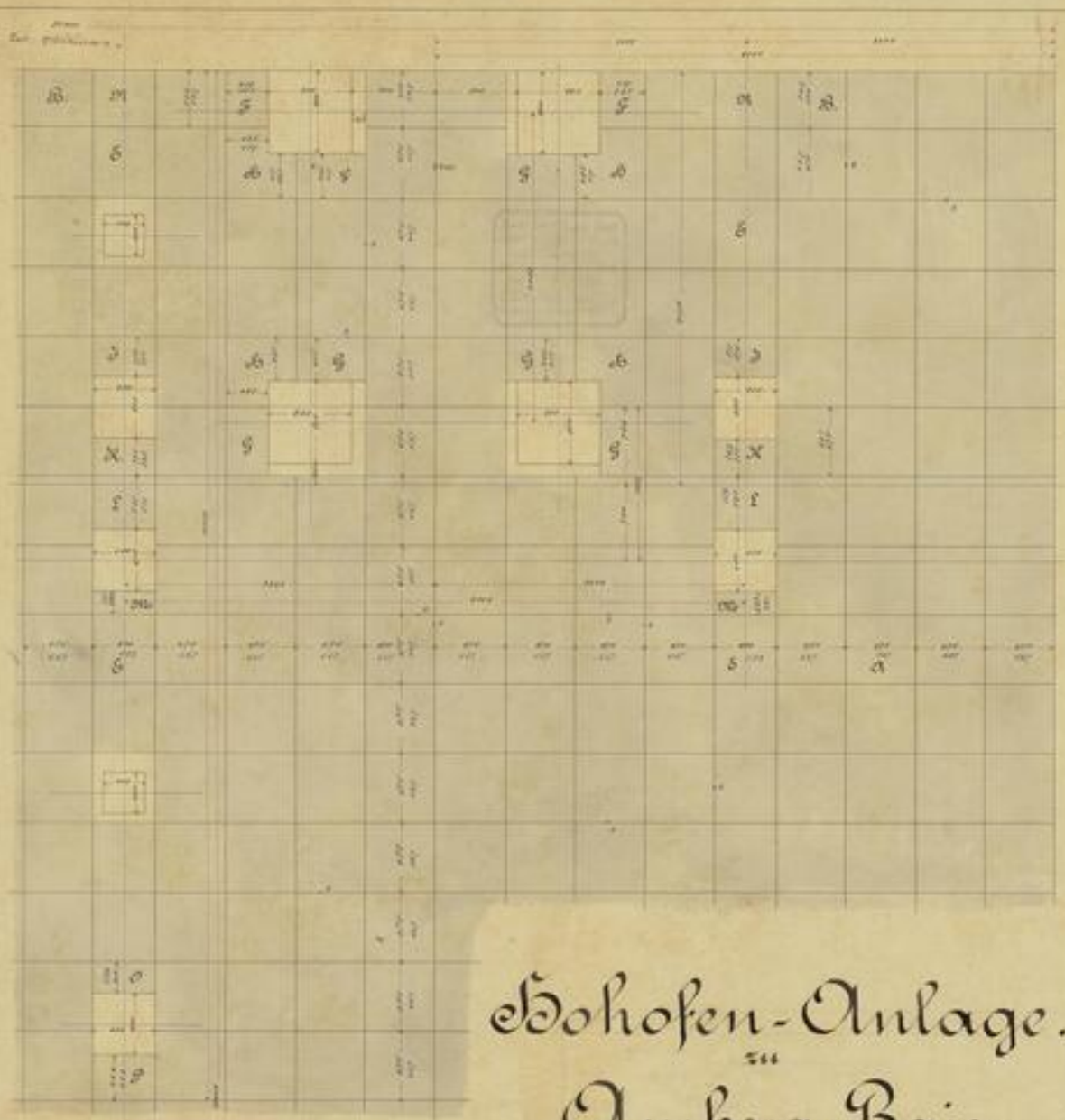
Baiern

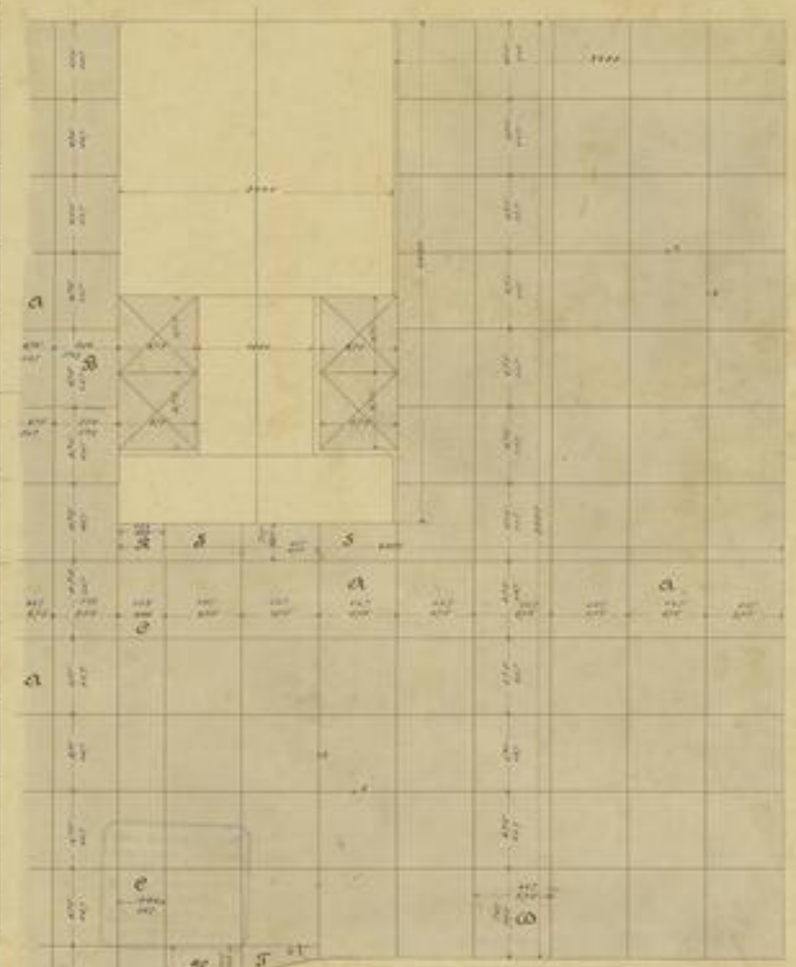
1862.



Amberg den 28. Nov. 1862.

F. Müller





Hohofen-Anlage.

zu

Amberg im Baiern

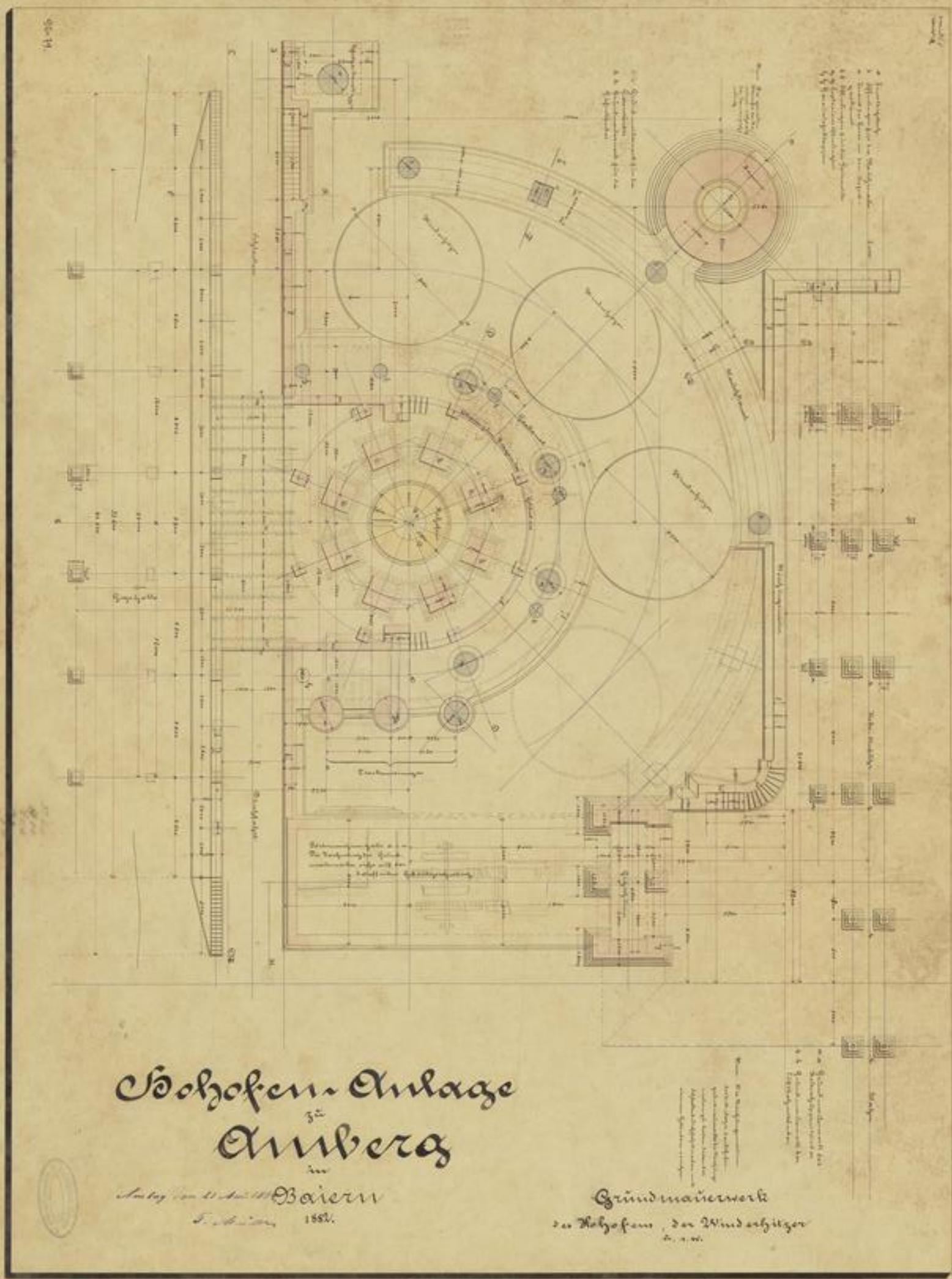
1882.

Plattenbelag für den Koksplatz.

Platten-Tabelle.

Platten Nr.	Bez.	Stückzahl
1	a	1389
2	B	84
3	[illegible]	34
4	[illegible]	[illegible]
5	[illegible]	[illegible]
6	[illegible]	[illegible]
7	[illegible]	[illegible]
8	[illegible]	[illegible]
9	[illegible]	[illegible]
10	[illegible]	[illegible]
11	[illegible]	[illegible]
12	[illegible]	[illegible]
13	[illegible]	[illegible]
14	[illegible]	[illegible]
15	[illegible]	[illegible]
16	[illegible]	[illegible]
17	[illegible]	[illegible]
18	[illegible]	[illegible]
19	[illegible]	[illegible]
20	[illegible]	[illegible]
21	[illegible]	[illegible]

Bem. Sämmtliche Platten werden
2 cm dick gegossen.
Die mit Kreuzstrichen versehenen Platten
werden vorläufig nicht angefertigt, sondern
erst seinerzeit nach Vollendung der Gänge
und des Ganghauses passendgegossen.

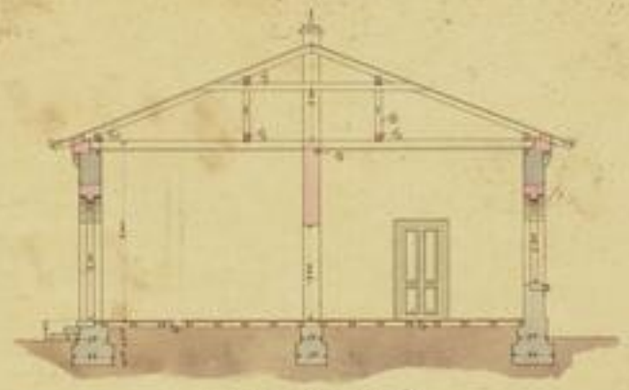


Hohofen-Anlage zu Amberg in Baiern

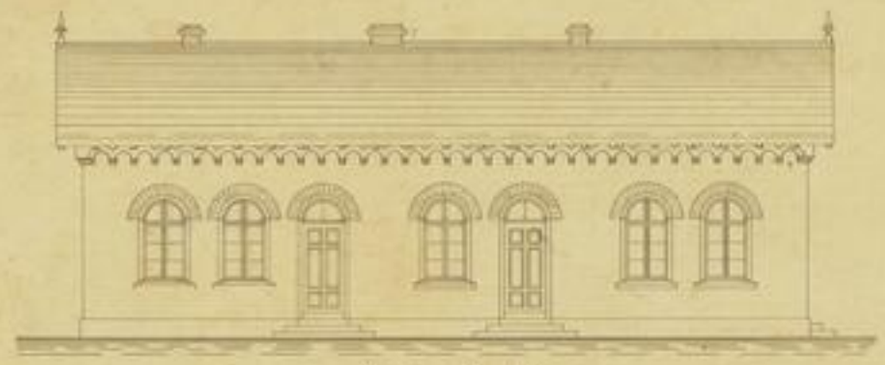
1882.

Hütten-Geschäftshaus.

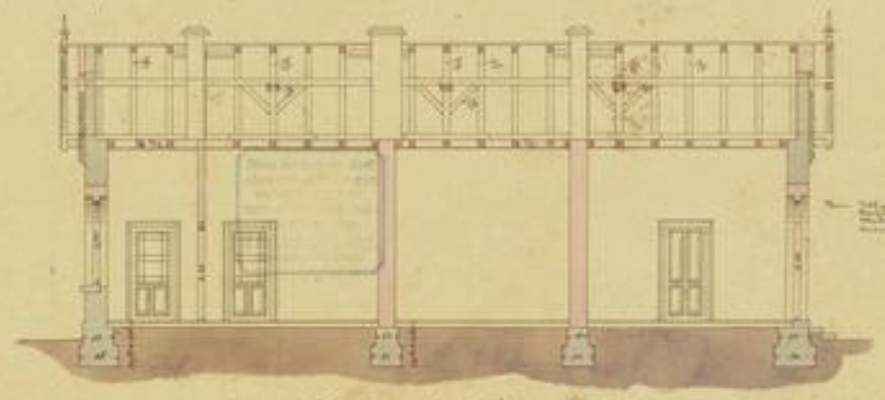
Giebel-Ansicht



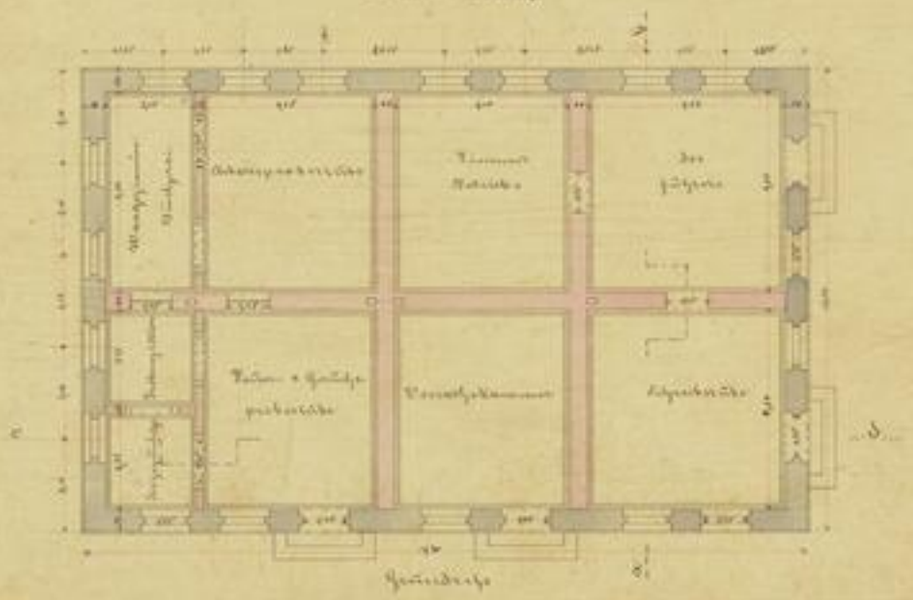
Schnitt nach a b



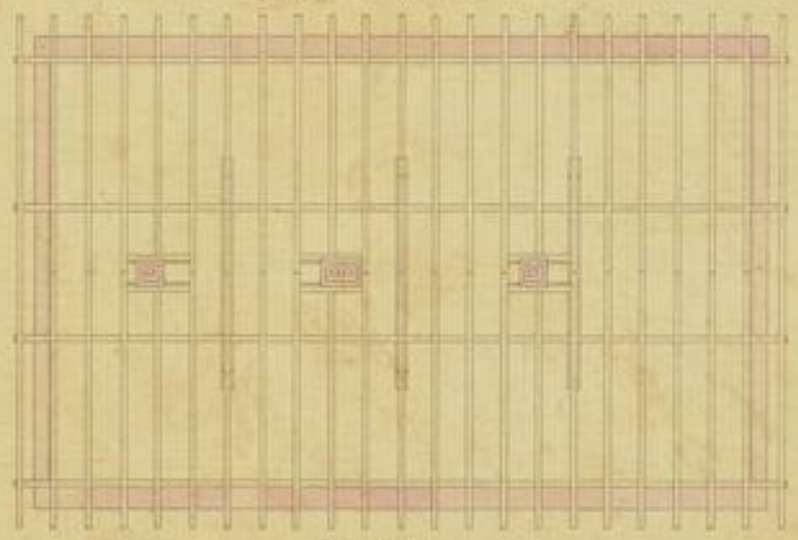
Vorder-Ansicht



Schnitt nach c d



Grundriss



Dachlage

Hohofen-Anlage

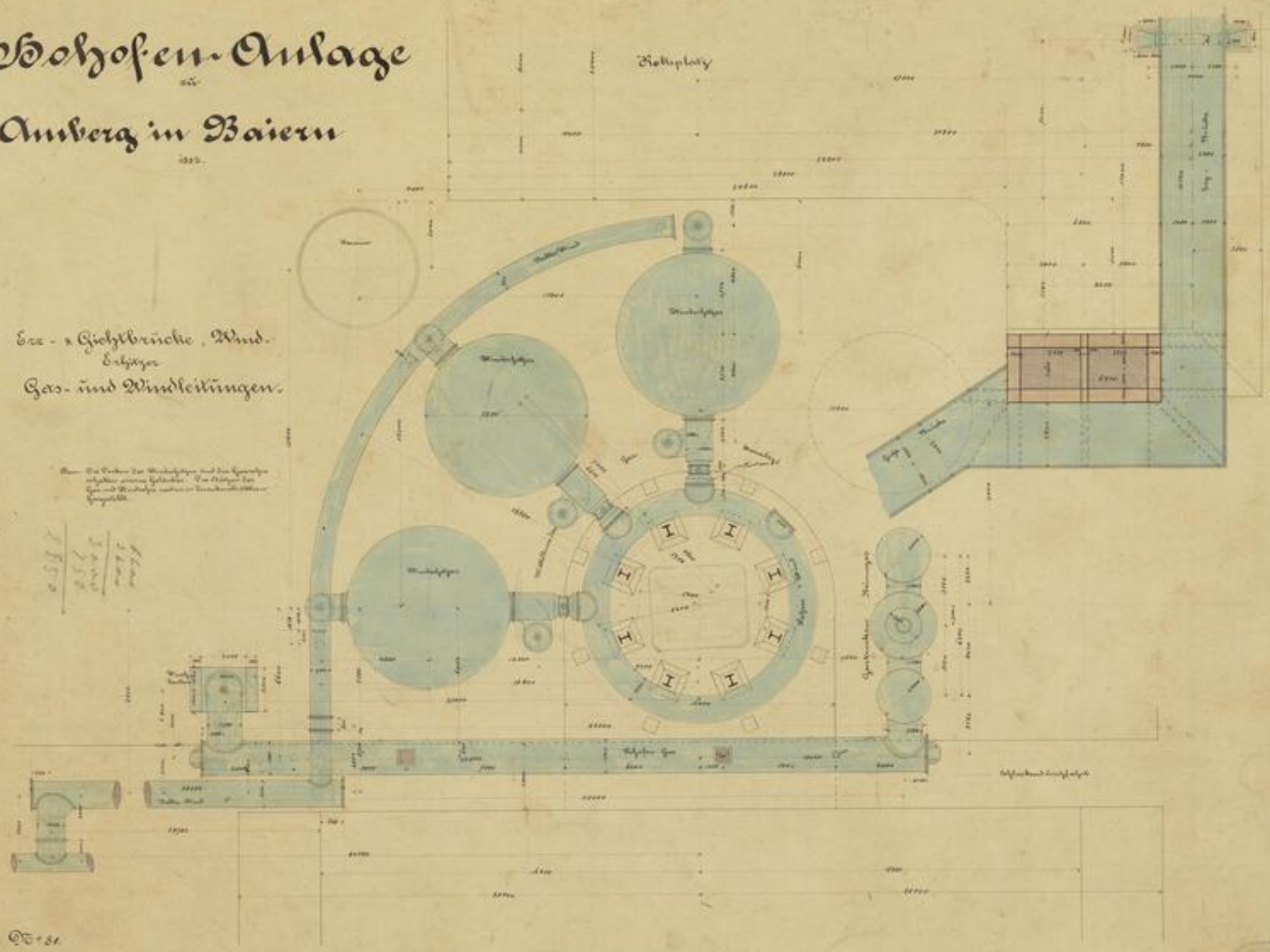
zu

Amberg in Baiern

1855.

Erz- u. Giichtbrücke, Wind-Erhitzer

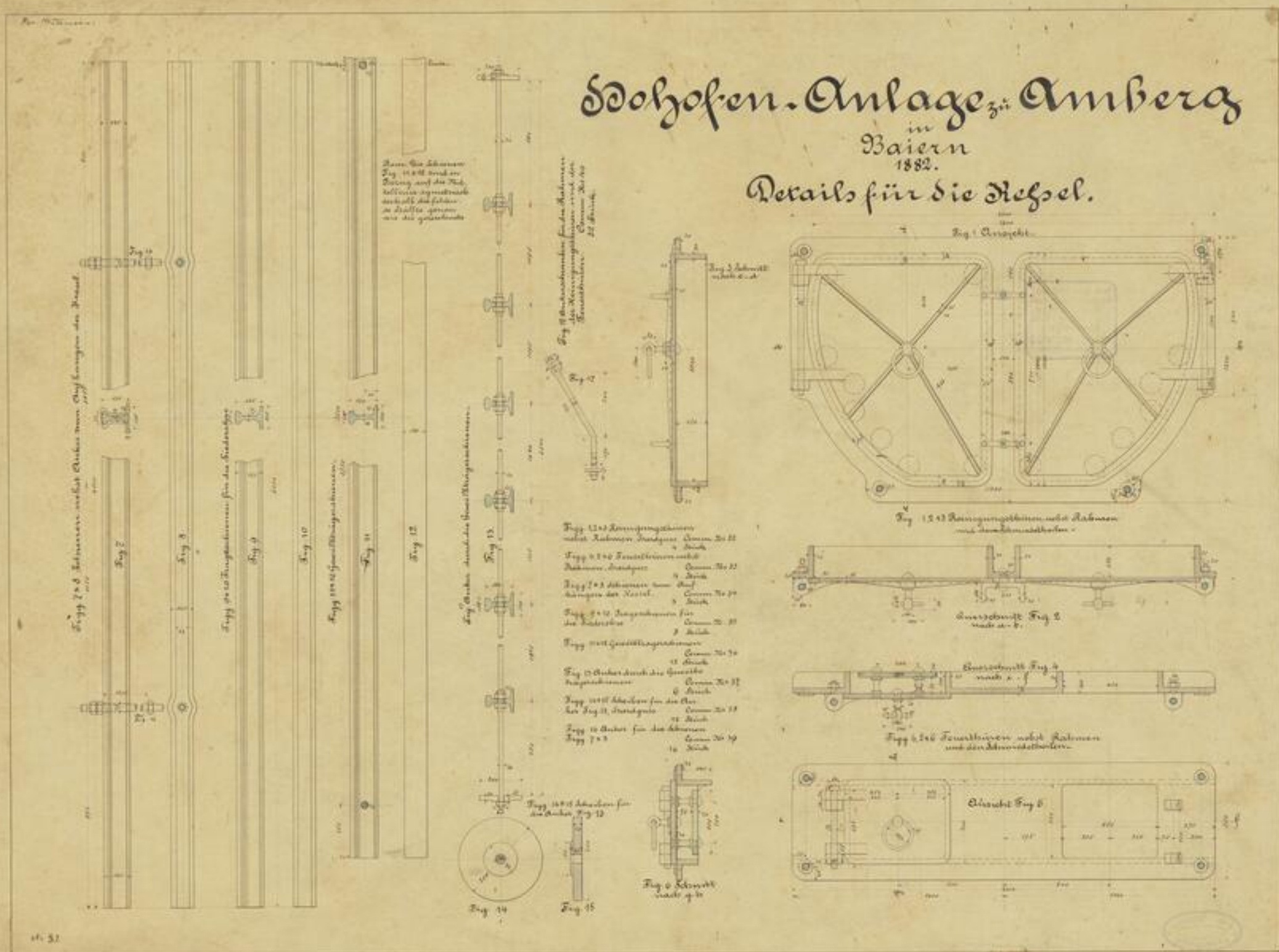
Gas- und Windleitungen.



Ch. 81.

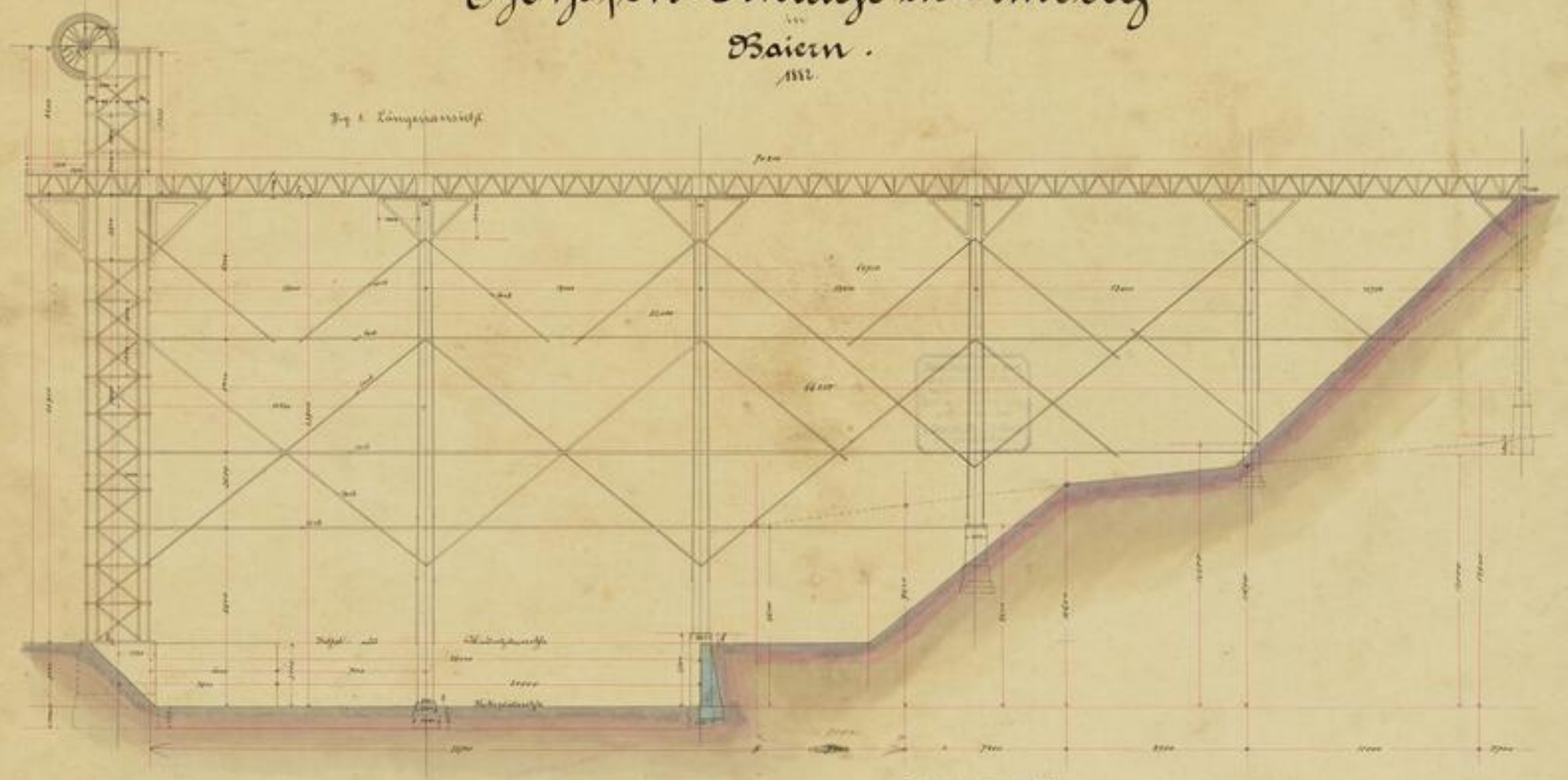
Hohofen-Anlage zu Amberg
in
Baiern
1882.

Details für die Kessel.

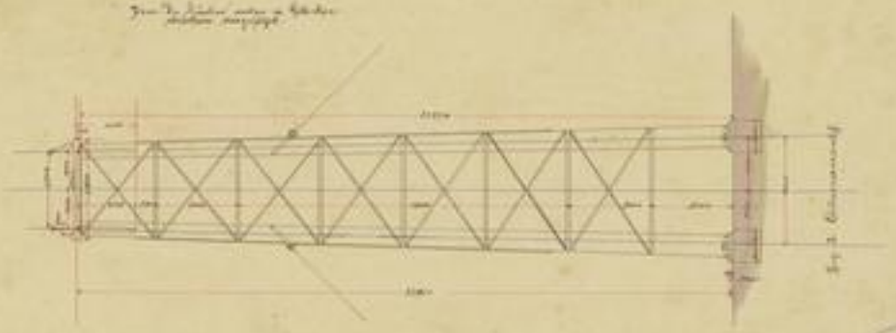


Figg. 1, 2 u. 3 Reinigungsthüren nebst Rahmen, Stahlguss	Comm. No 33	4 Stück
Figg. 4, 5 u. 6 Feuerthüren nebst Rahmen, Stahlguss	Comm. No 33	4 Stück
Figg. 7 u. 8 Schienen zum Aufhängen der Kessel	Comm. No 34	4 Stück
Figg. 9 u. 10 Tragschienen für die Siederohre	Comm. No 35	8 Stück
Figg. 11 u. 12 Gewölbtragschienen	Comm. No 36	12 Stück
Fig. 13 Anker durch die Gewölbtragschienen	Comm. No 37	6 Stück
Figg. 14 u. 15 Scheiben für die Anker Fig. 13, Stahlguss	Comm. No 38	12 Stück
Figg. 16 Anker für die Schienen Figg. 7 u. 8	Comm. No 39	16 Stück

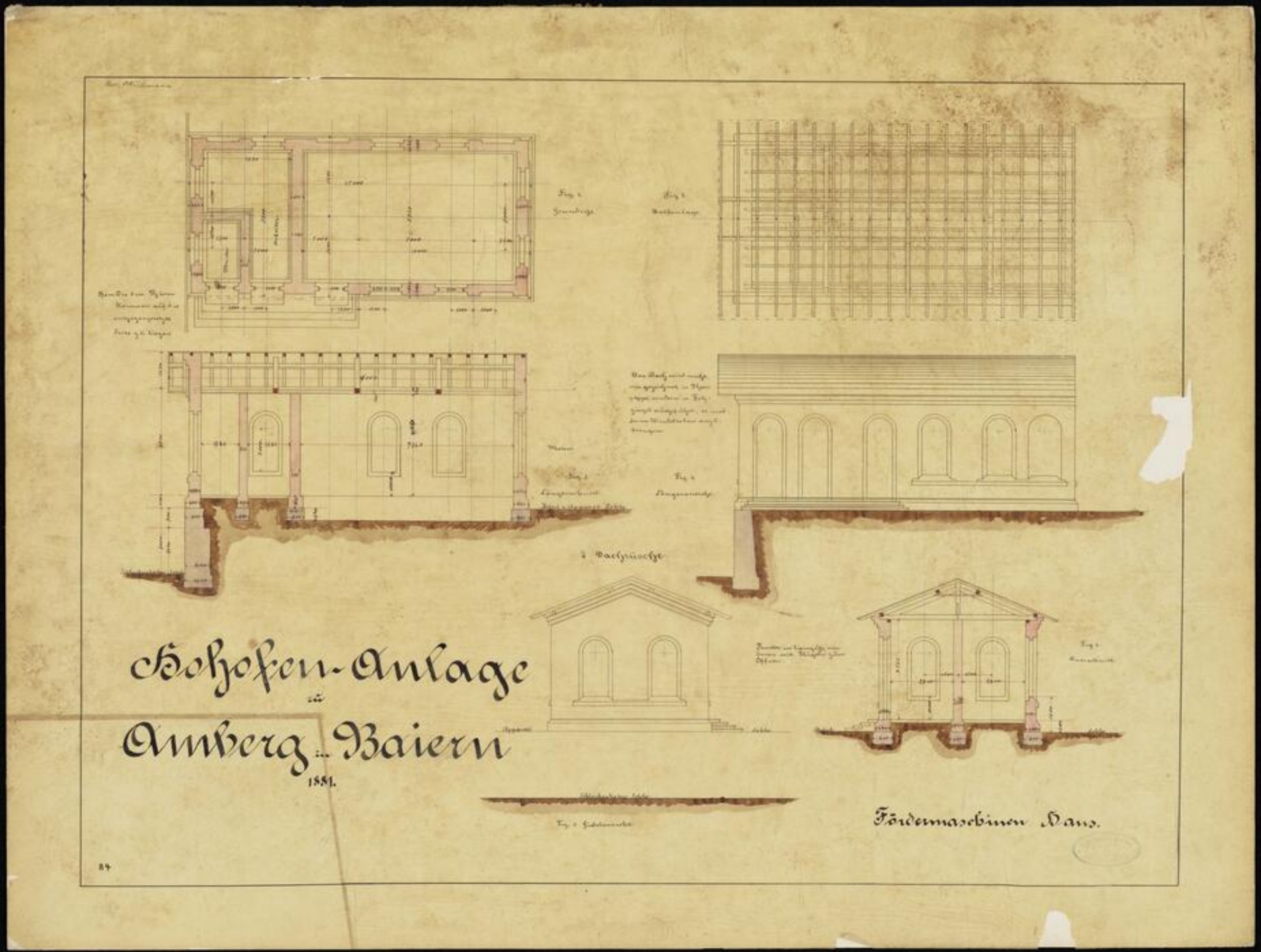
Hohofen-Anlage zu Amberg
in
Baiern.

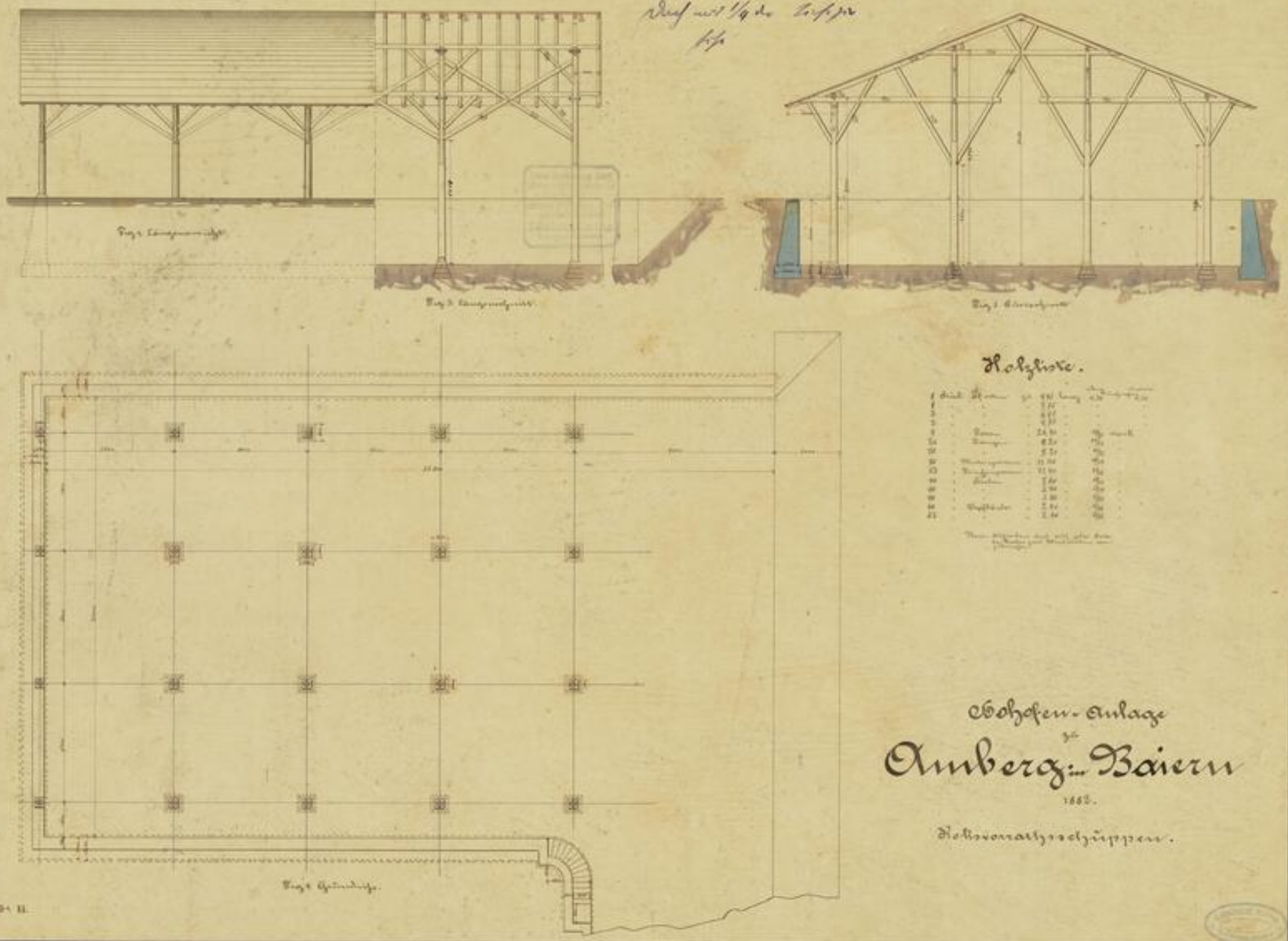


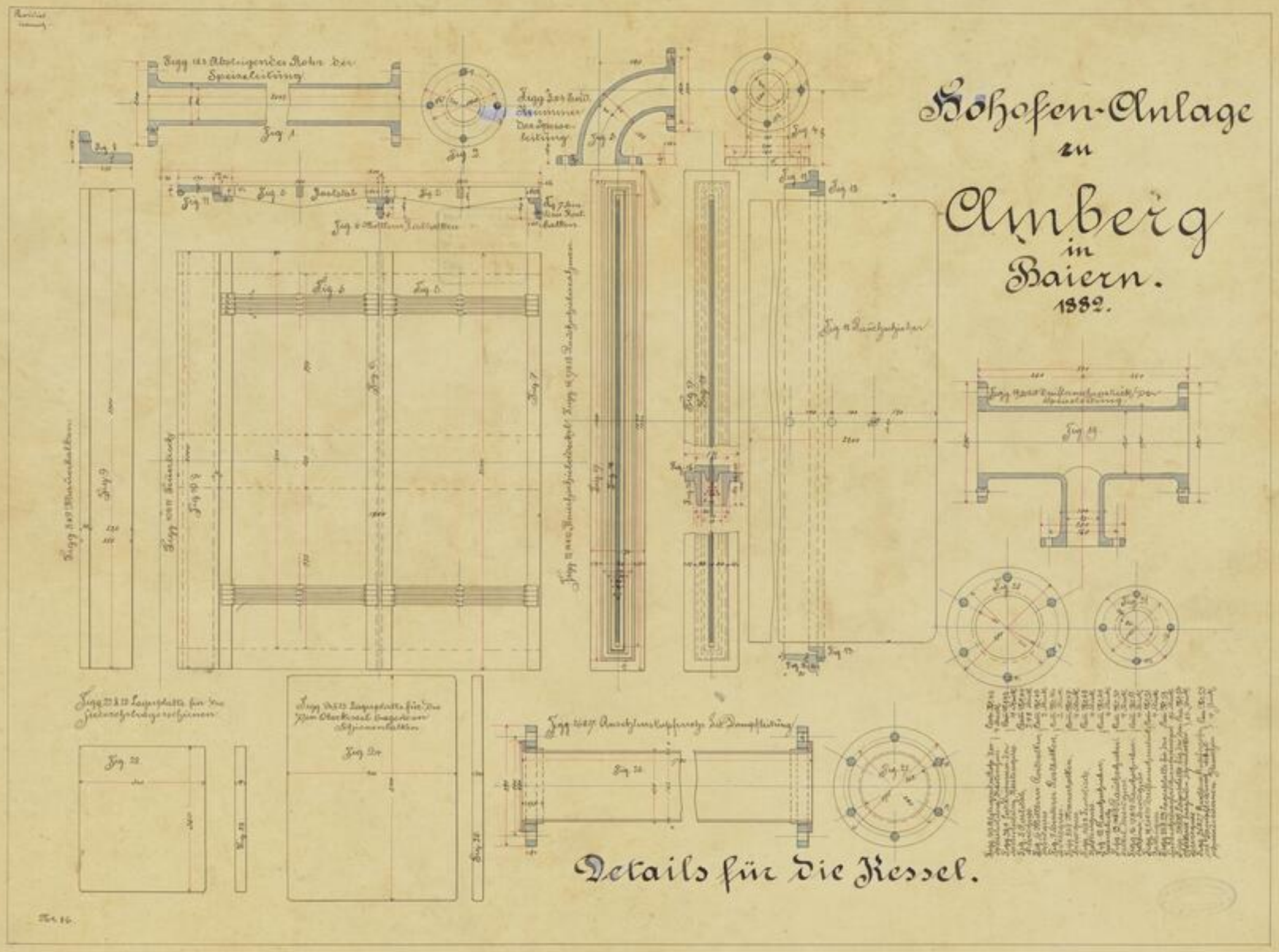
Brücke
zum Erzplatze in Gitterkonstruktion.



N.S.N.






Hohofen-Anlage
zu
Amberg
in
Baiern.
1882.
Details für die Kessel.

Hohofen-Anlage
zu
Amberg in Baiern
1882.

Windheizapparat.

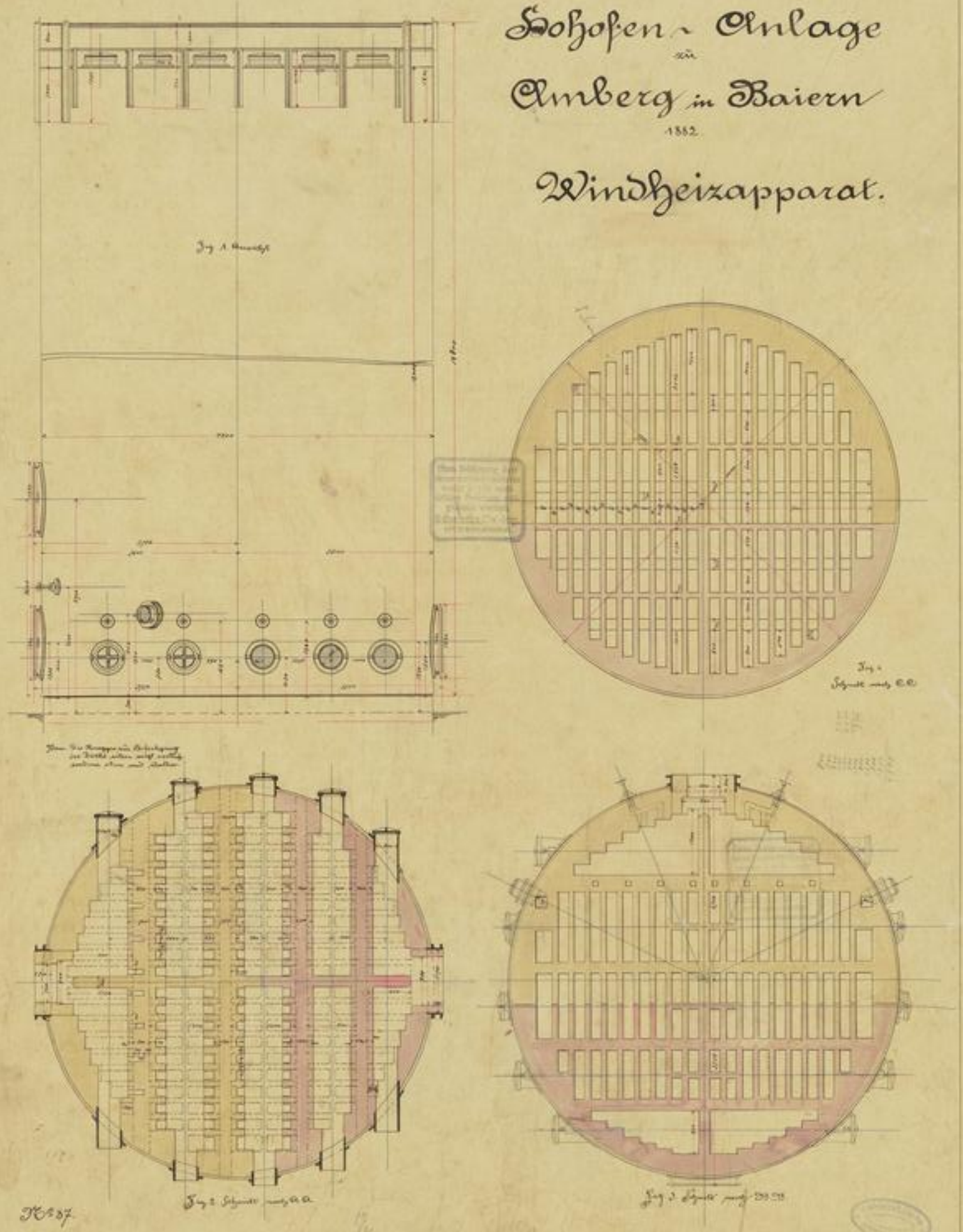
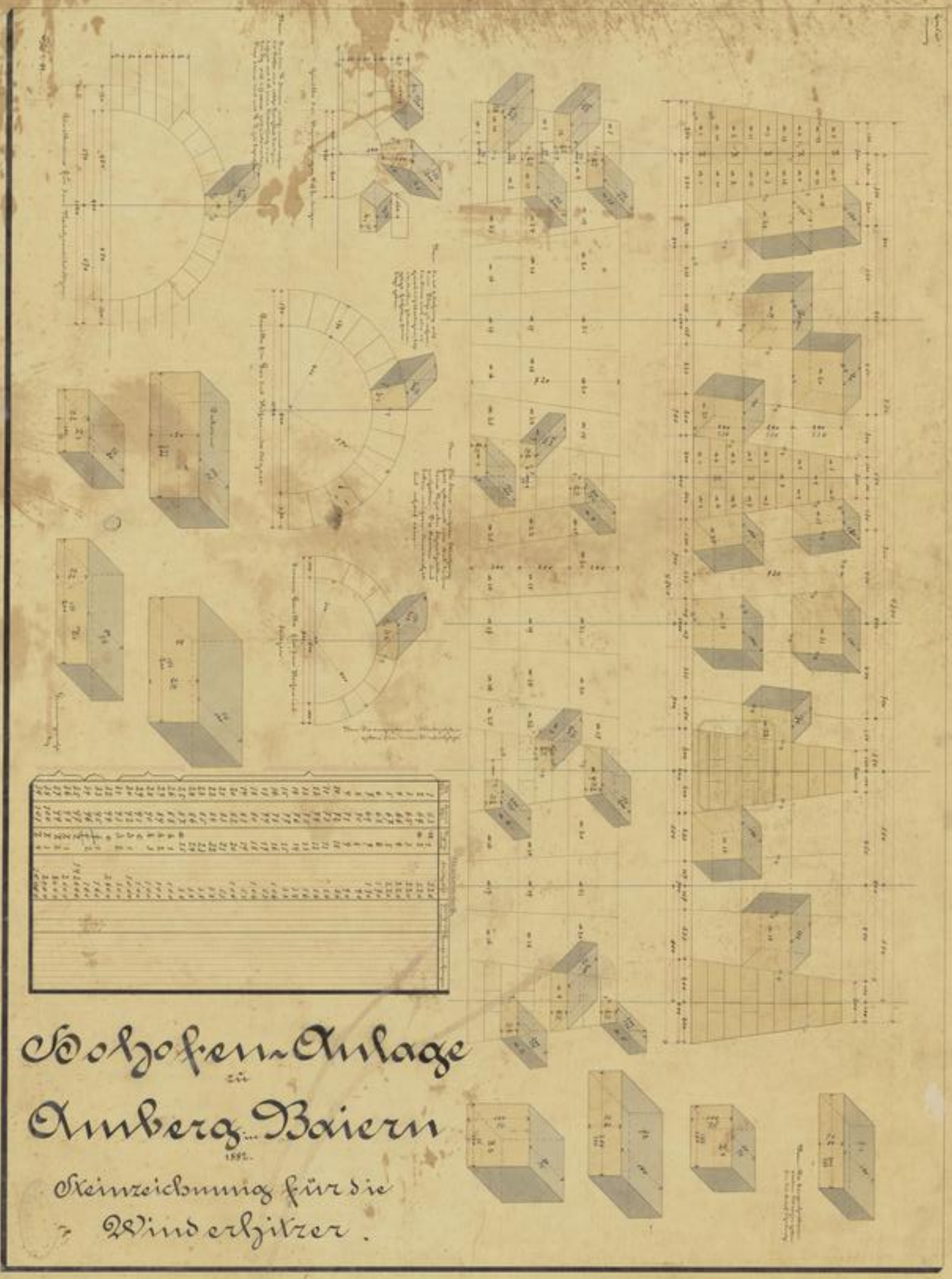


Fig. 1. Ansicht

Fig. 2. Schnitt nach a.a.

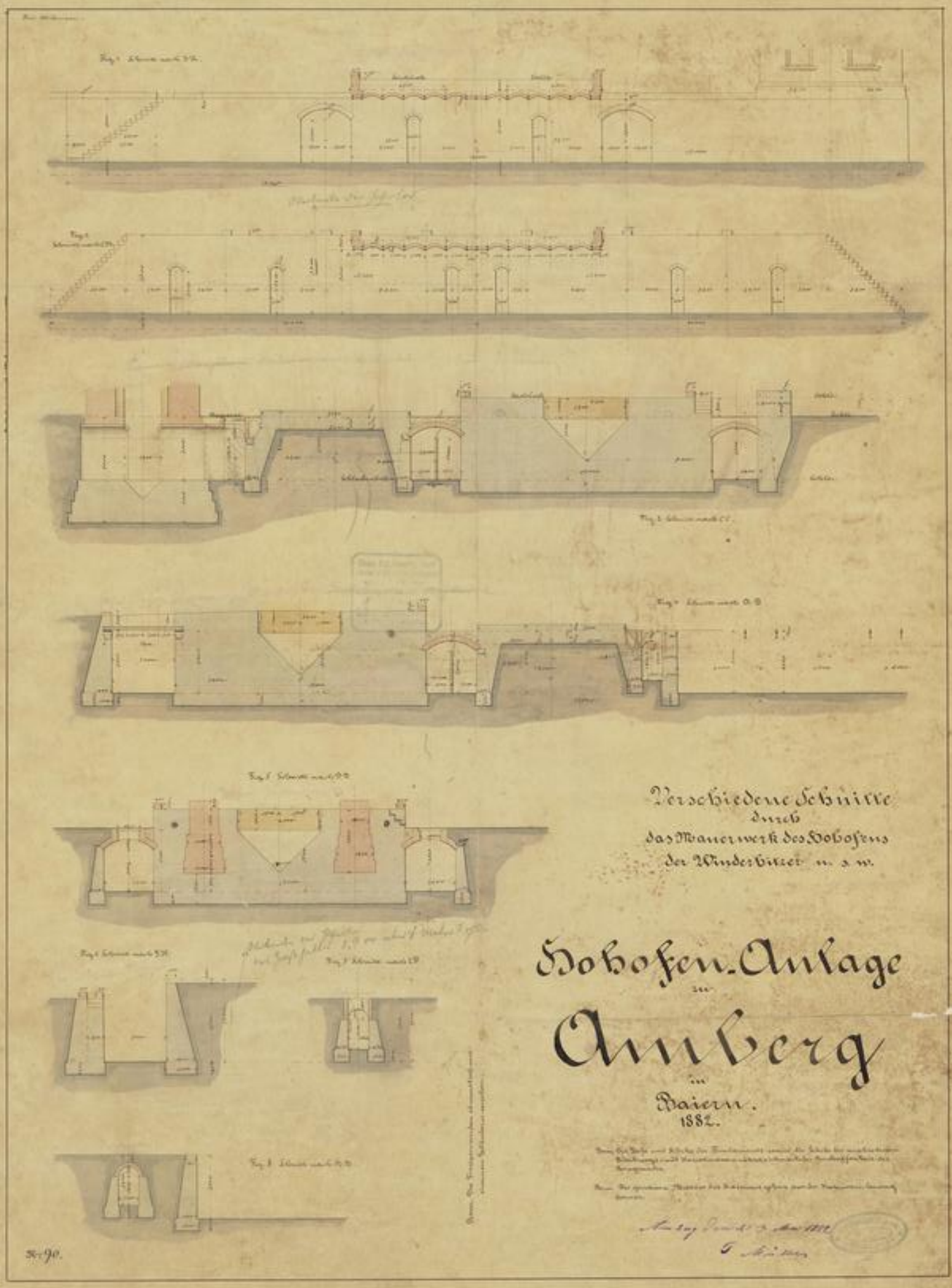
Fig. 3. Schnitt nach b.b.

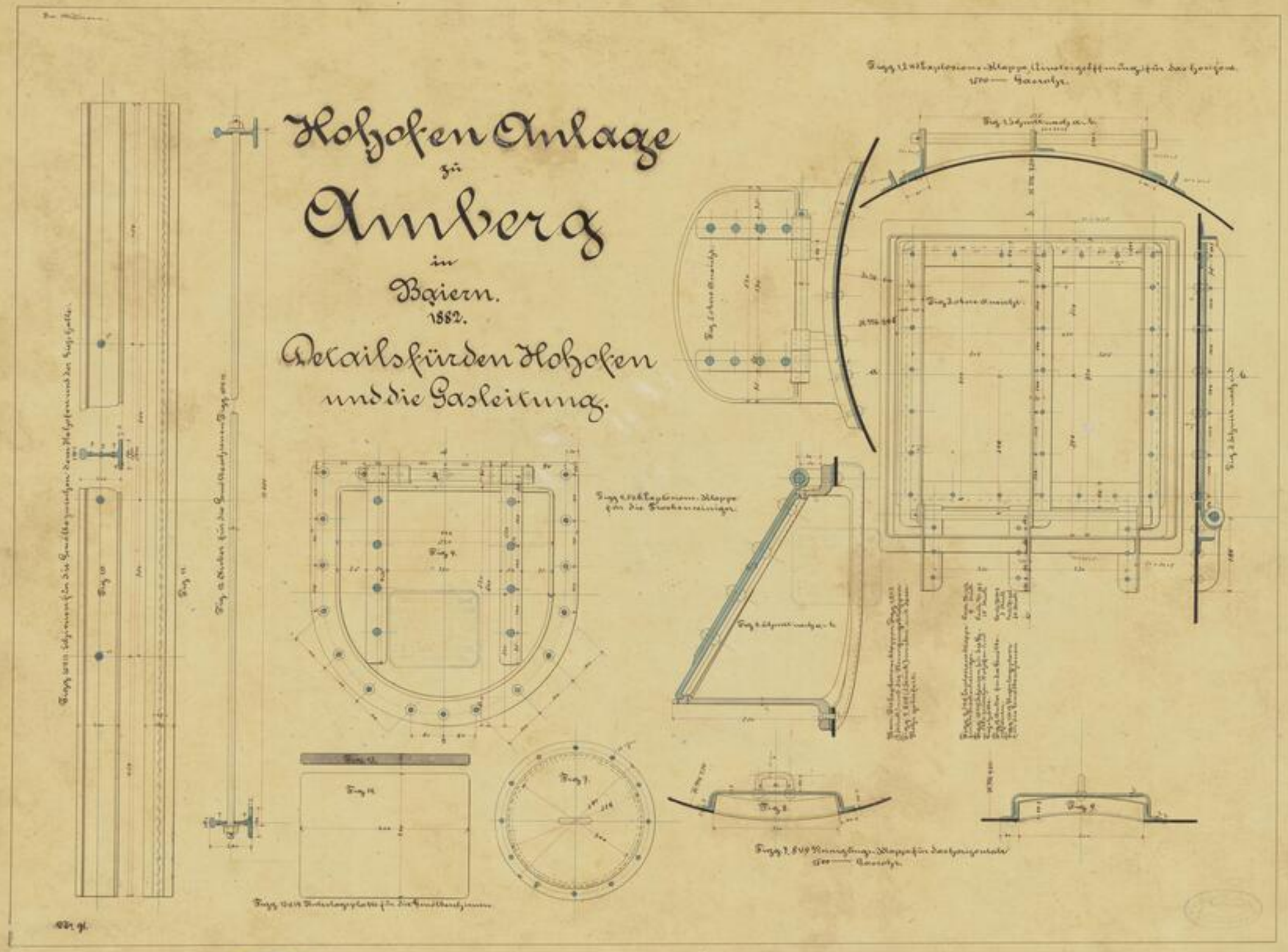
Fig. 4. Schnitt nach c.c.

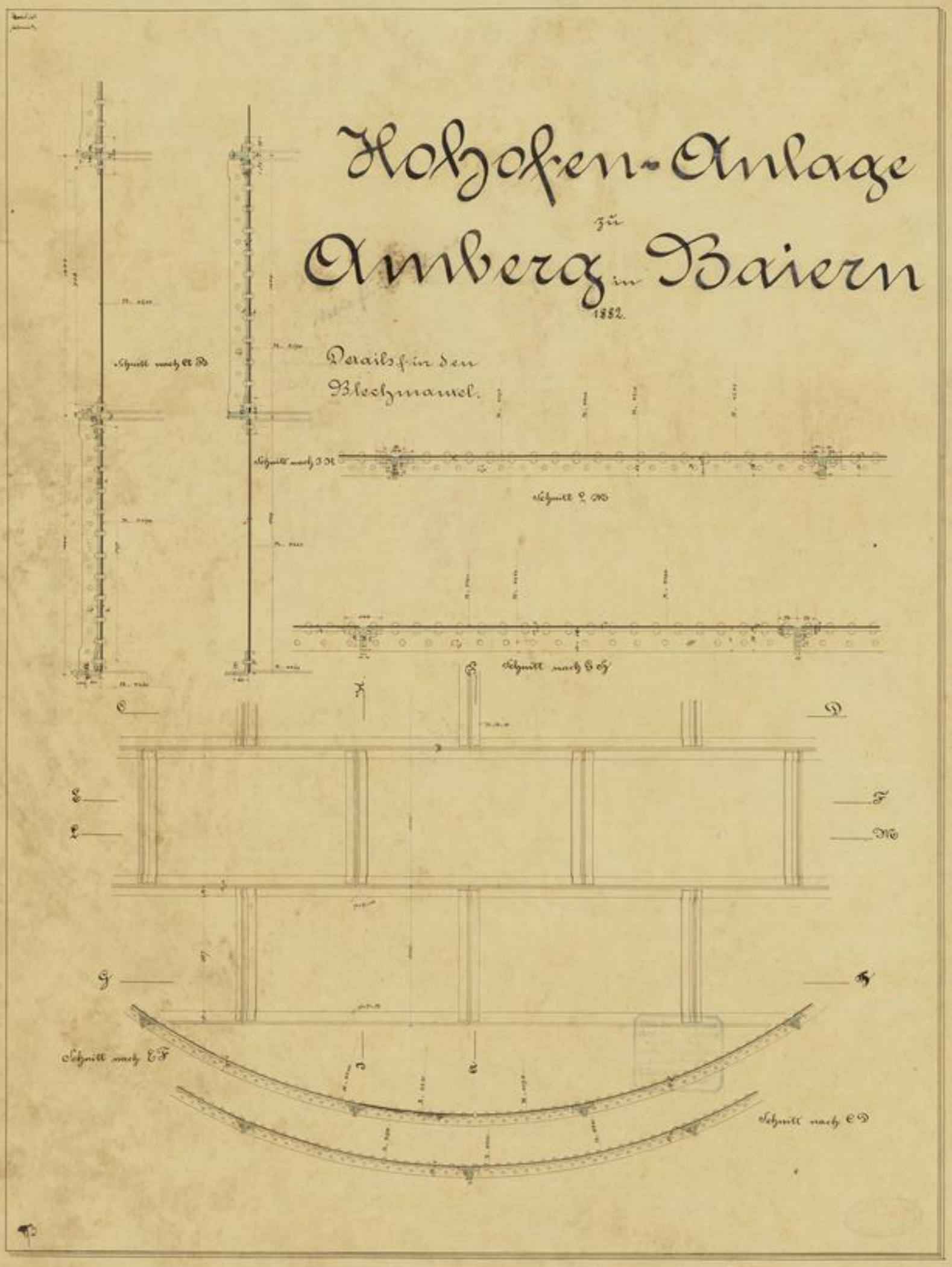


Hohofen-Anlage
zu
Amberg in Baiern
1872.

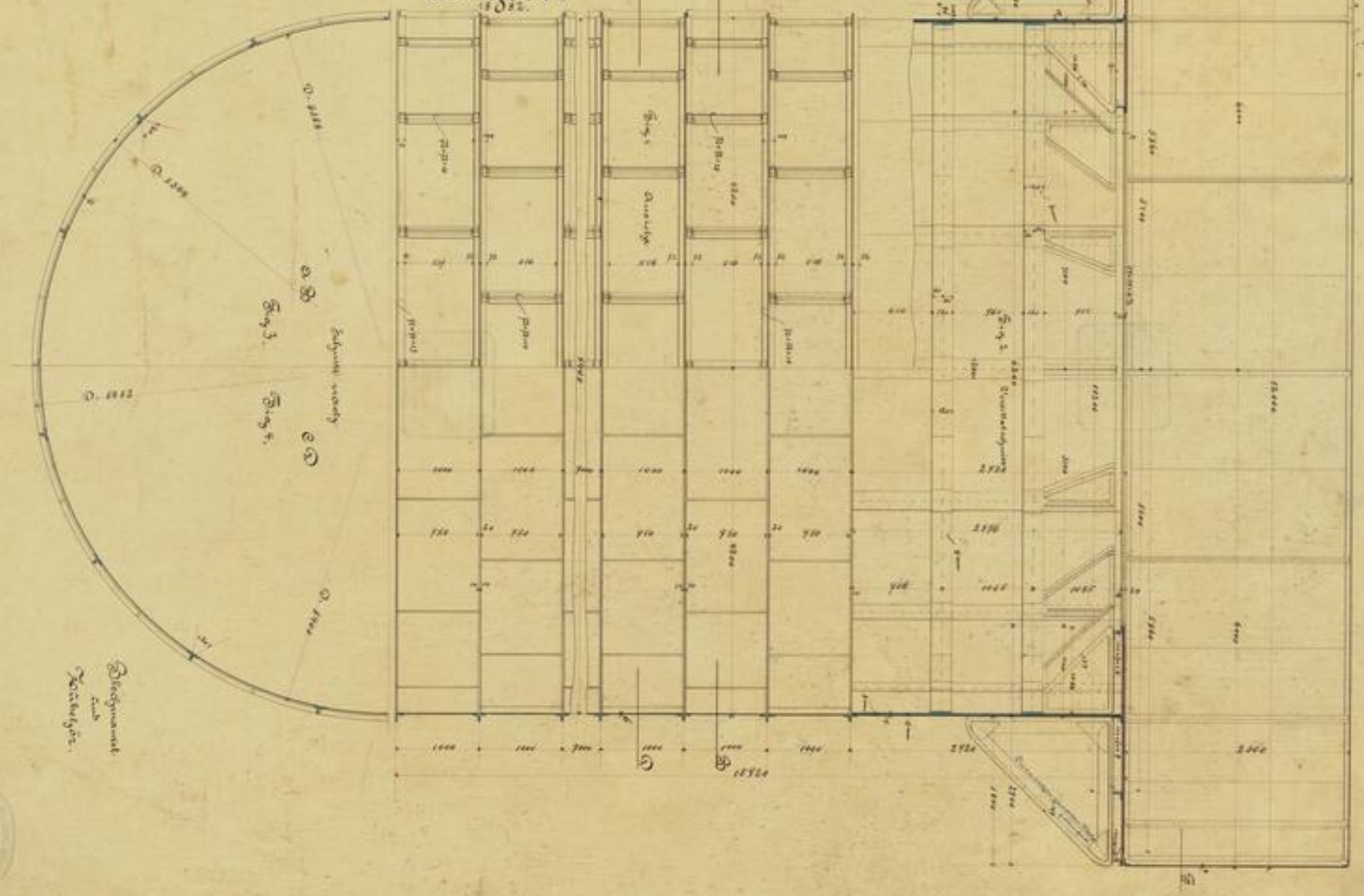
Steinzeichnung für die Winderhitzer.







Hohofen-Anlage zu Amberg in Bayern 1882.

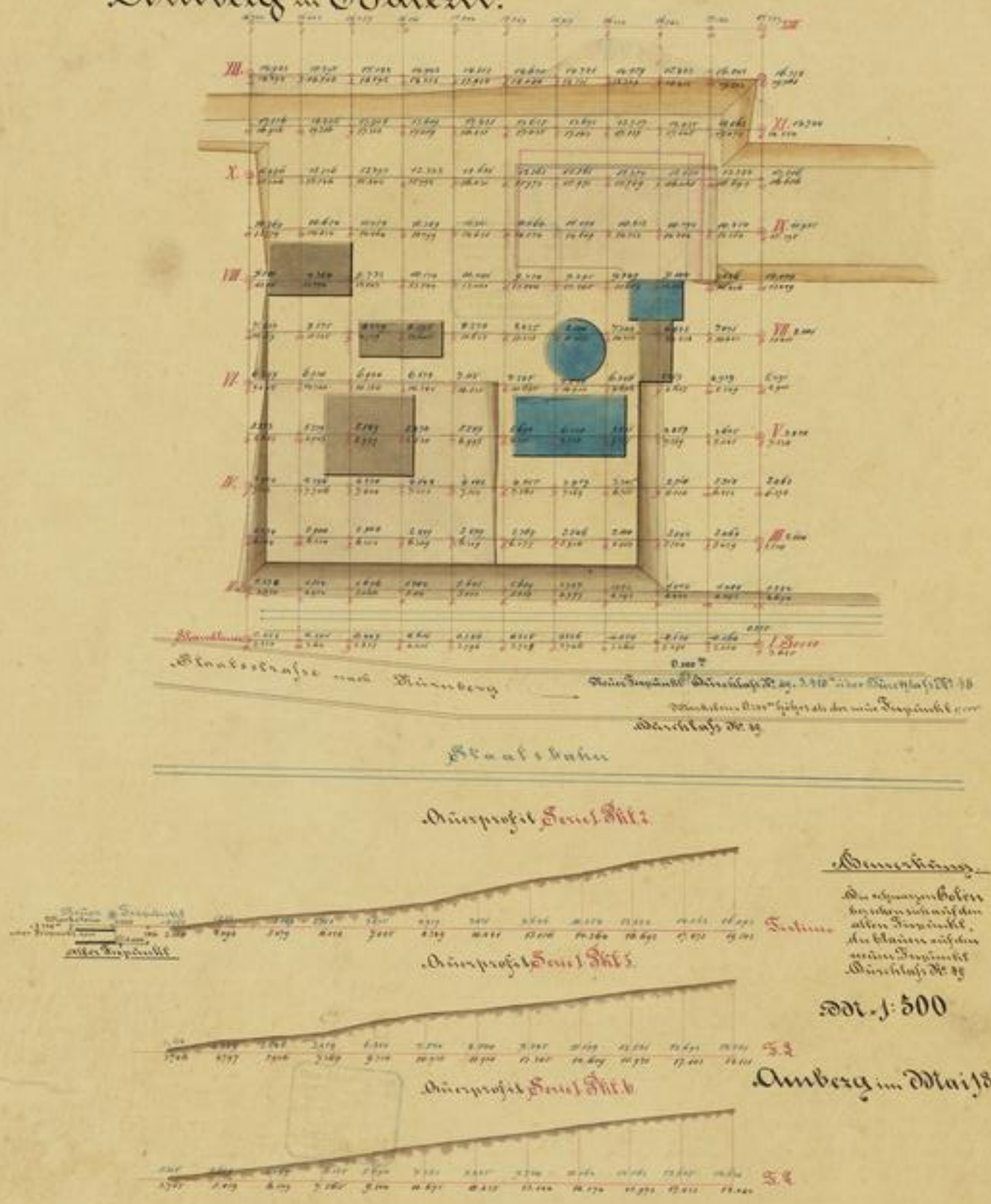


Details für den Hohofen.

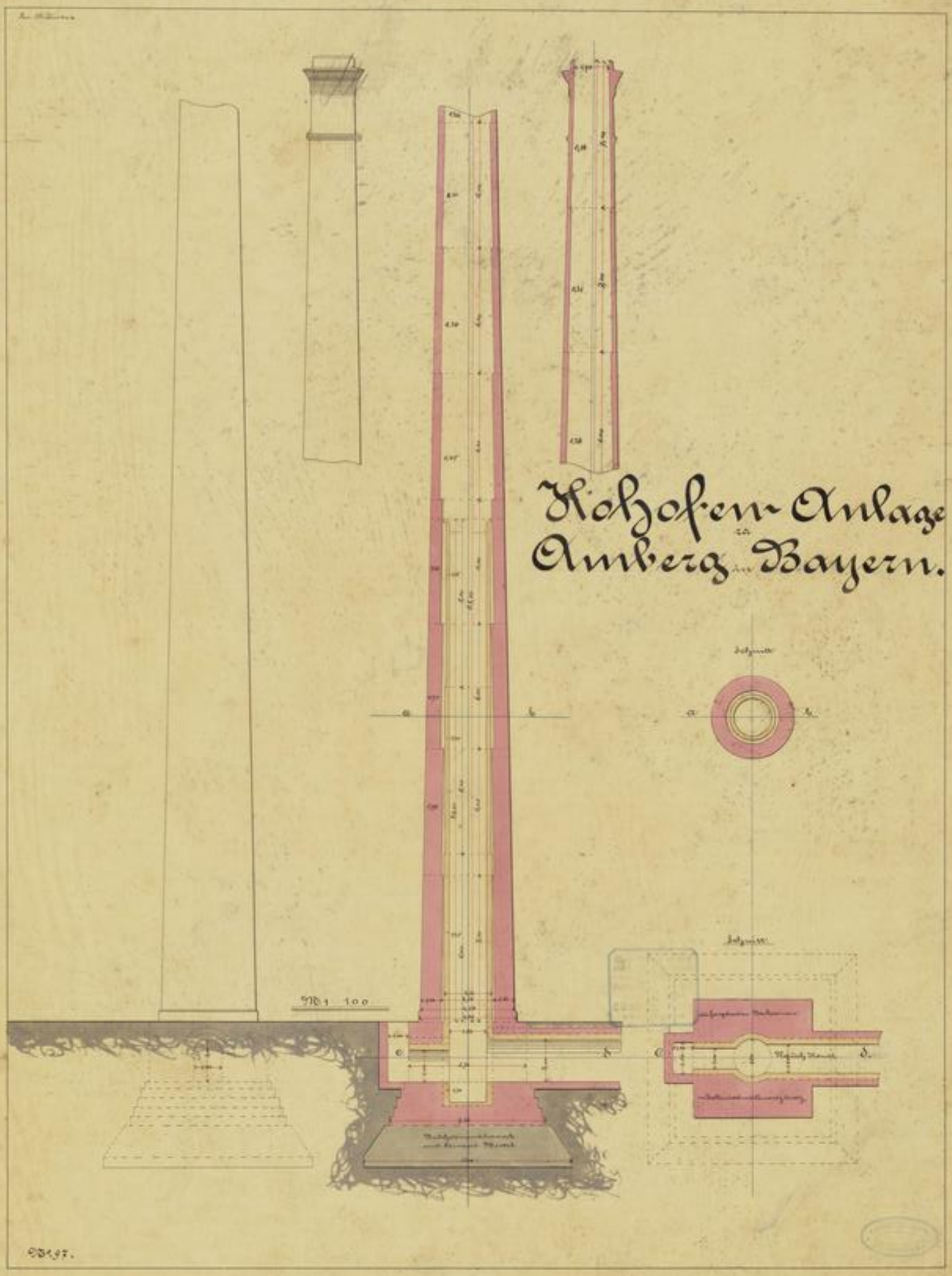
Bei 4.

Hohofen-Anlage für Amberg in Baiern.

Profile der Hohofen-Anlage.



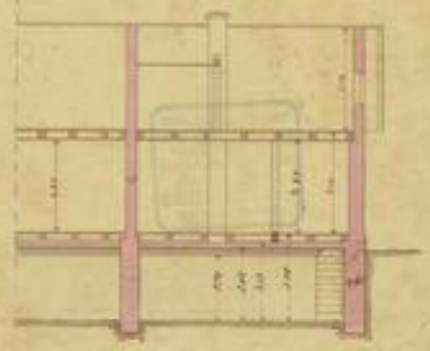
No. 95.



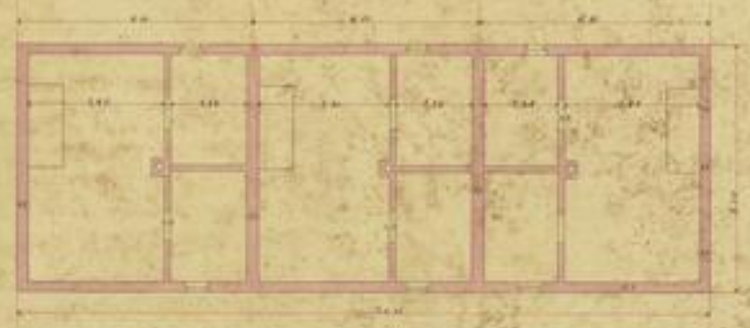
Hohofen-Anlage zu Amberg

im Bayern.

Dreifaches Wohnhaus.

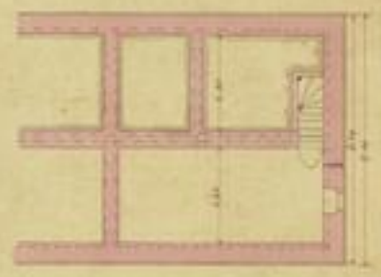


Längenschnitt.

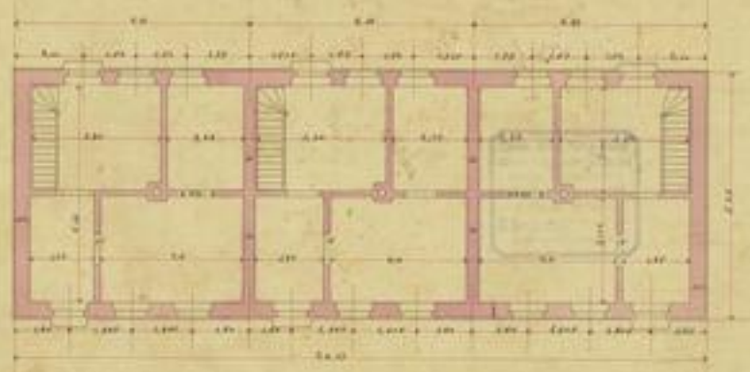


Grundriss zur Dachwohnung.

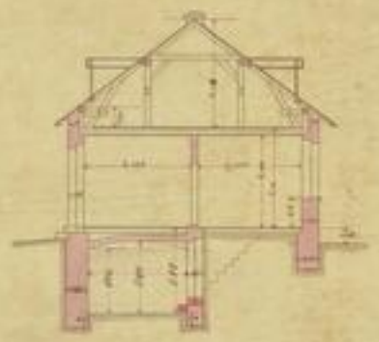
Kellerraum.



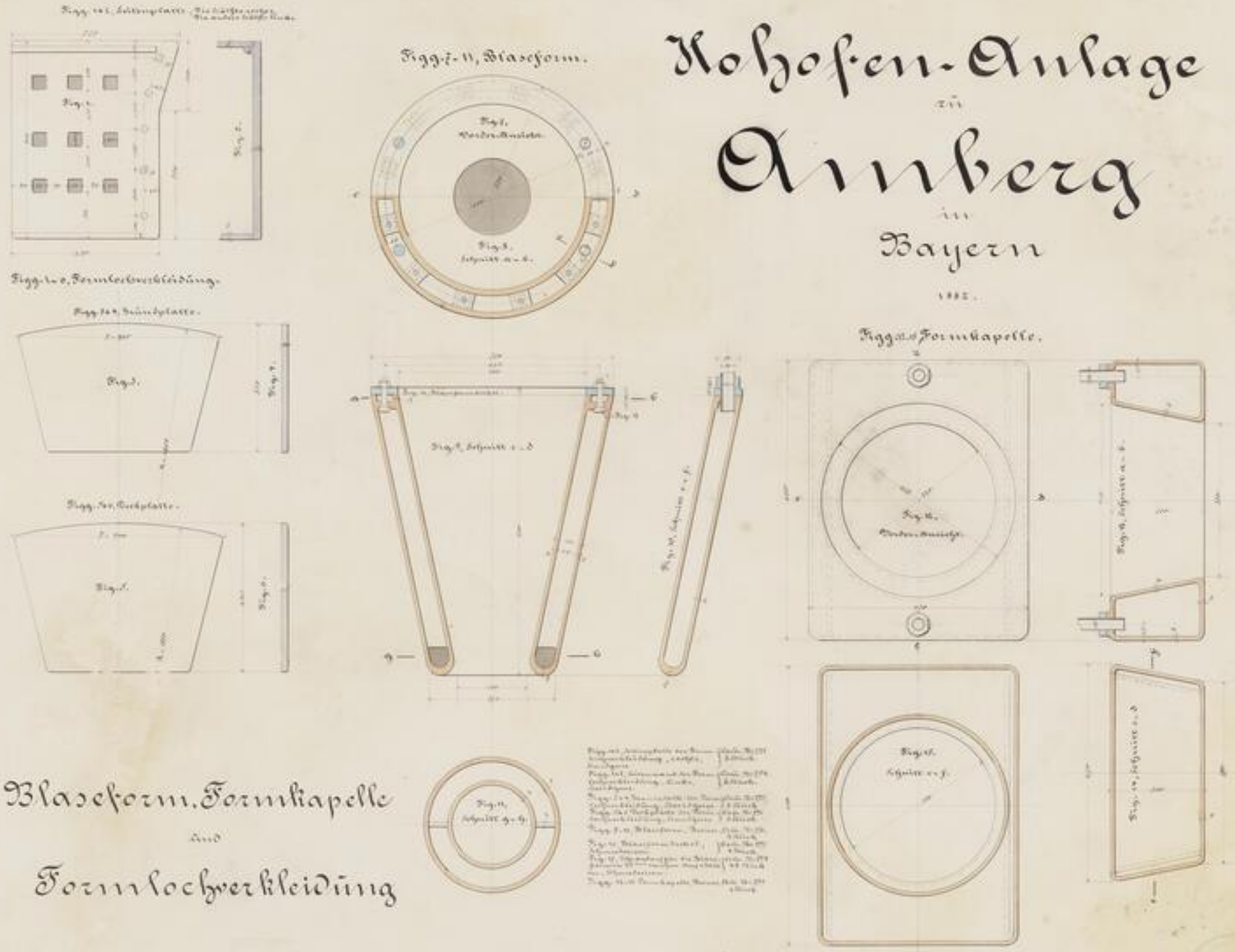
Grundriss zur ebenen Erde.



Querschnitt.



Hohofen-Anlage
zu
Amberg
in
Bayern
1882.



Hohofen-Anlage zu Amberg in Bayern 1852.

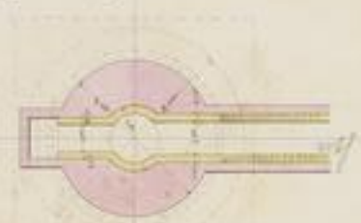
Kamin für die Kessel und die Winderhitzer aus Formsteinen mit Blitzableiter.

Fig. 1. Ansicht

Fig. 2. Schnitt a – b

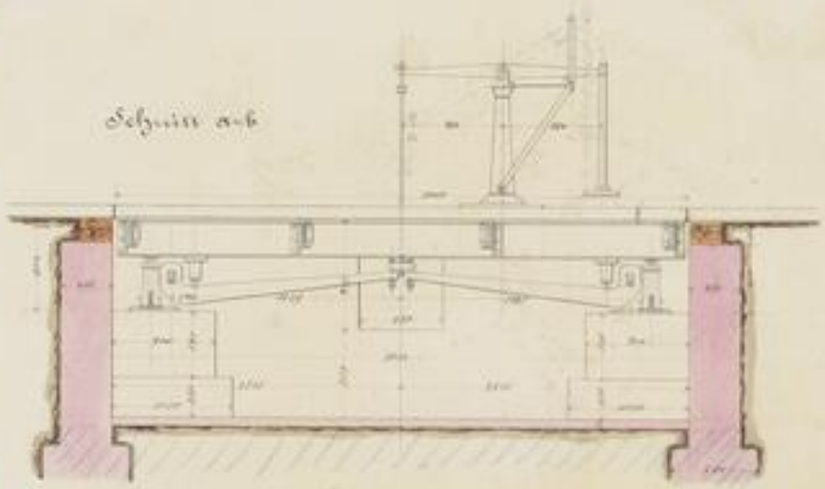
Fig. 3. Schnitt a – b

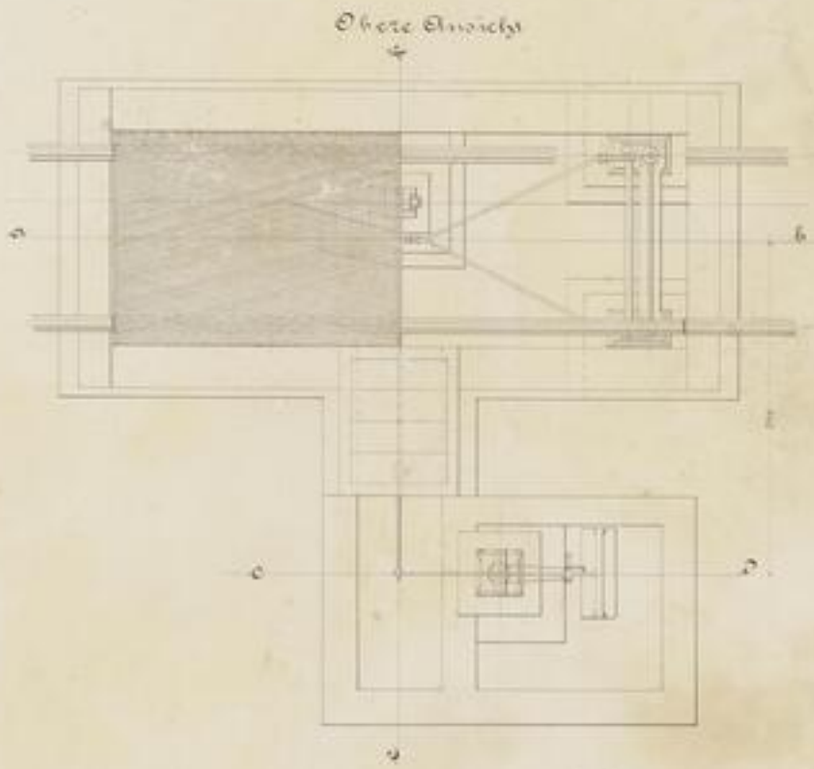
Fig. 2. Schnitt c – d

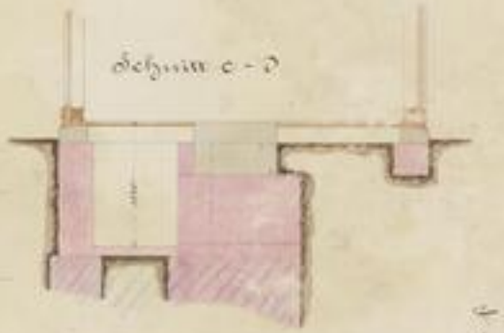


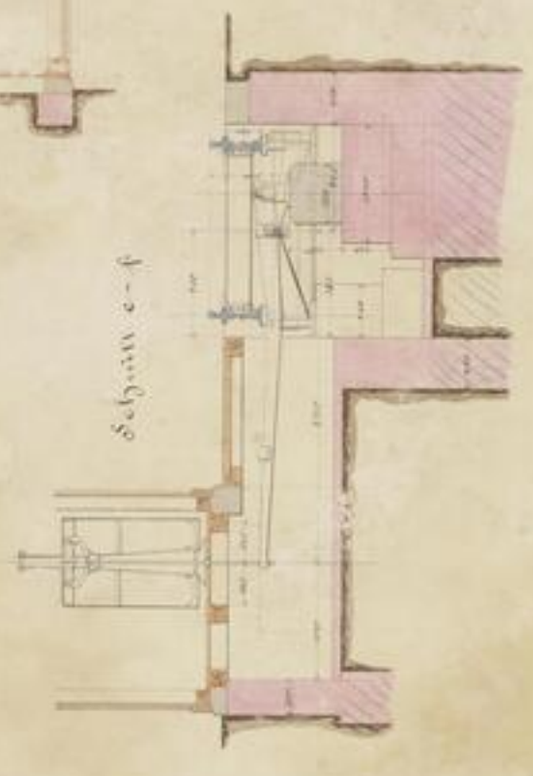
Hohofen-Anlage
zu
Amberg
in
Bayern

Brückenwaage von 500 Ctr.

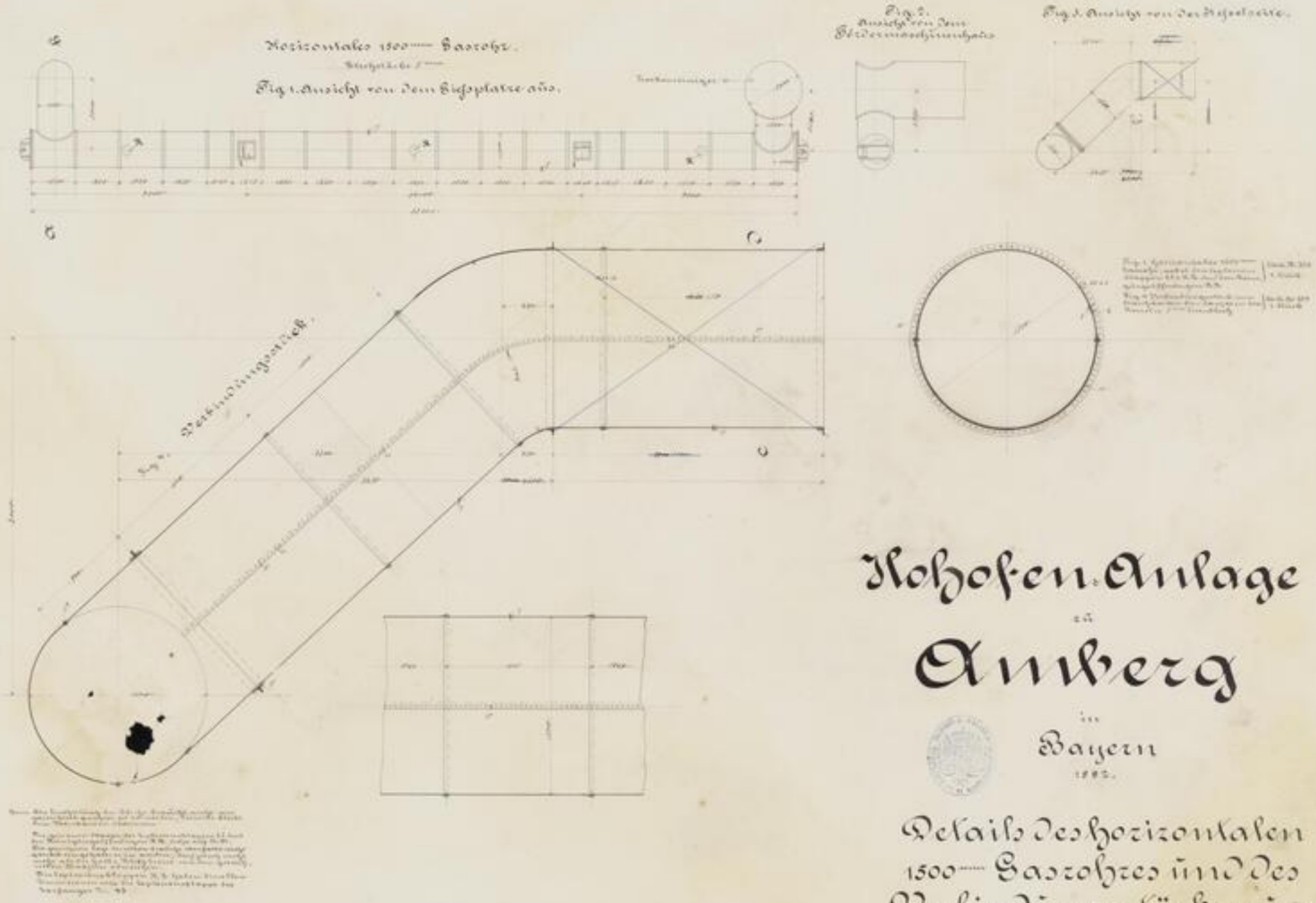








No. 108.



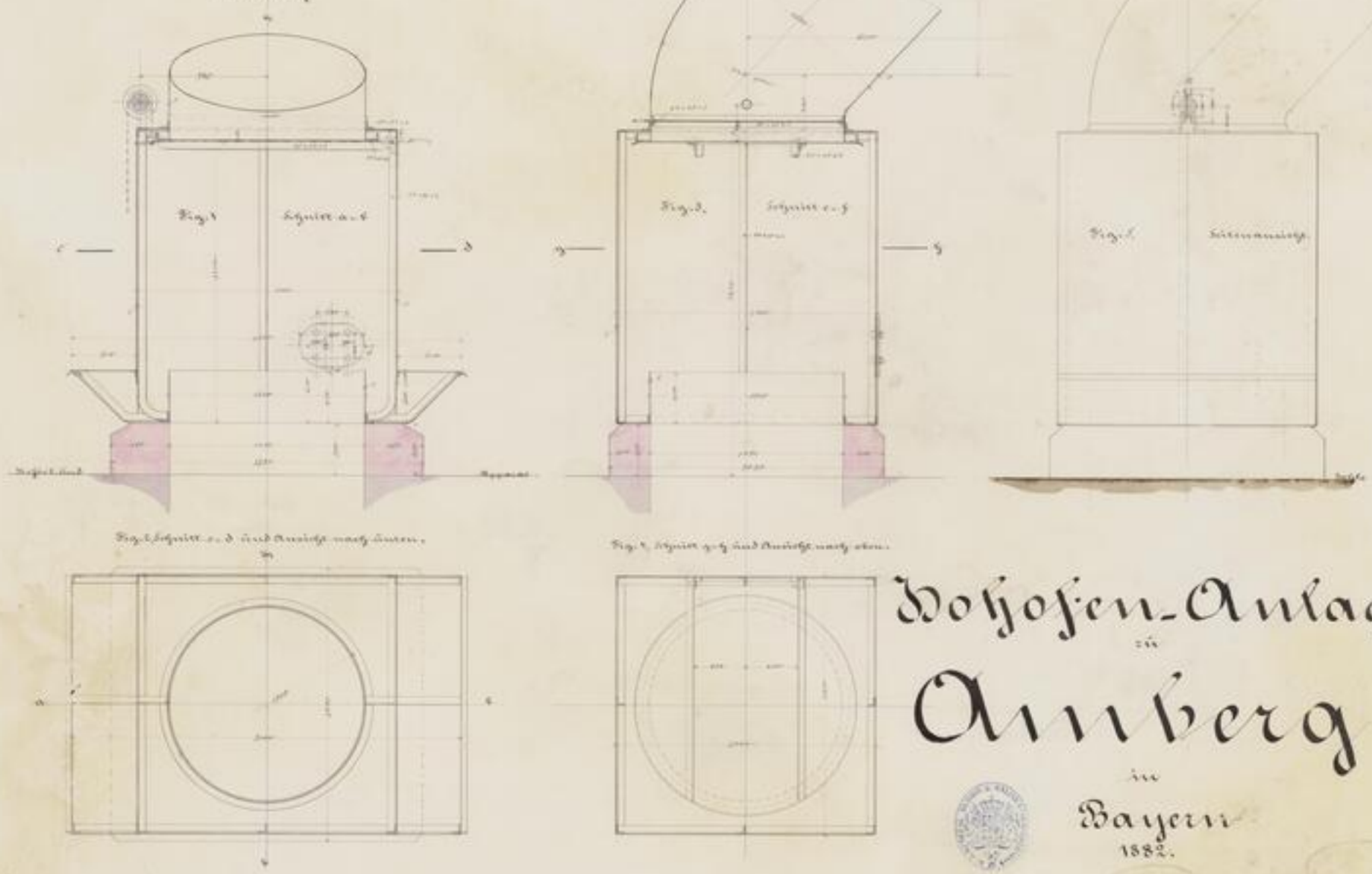
Hohofen-Anlage zu Amberg in Bayern

1862.

Details des horizontalen 1500mm Gasrohres und des Verbindungsstückes zum Waschkasten

Waschkasten für das Gas zu den Dampfkesseln.

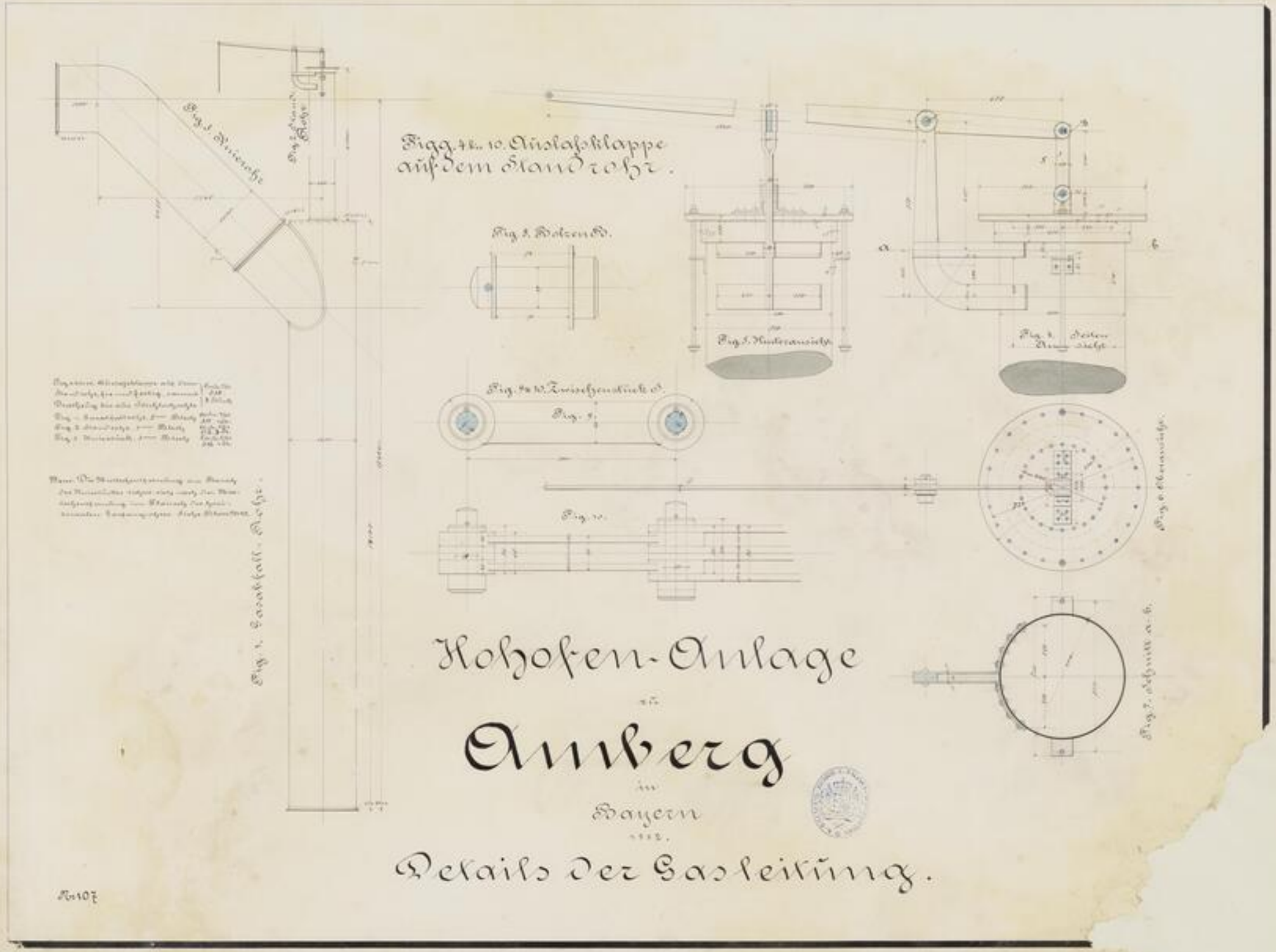
Zeichn. No 307.



Hochofen-Anlage zu Amberg in Bayern

1882.

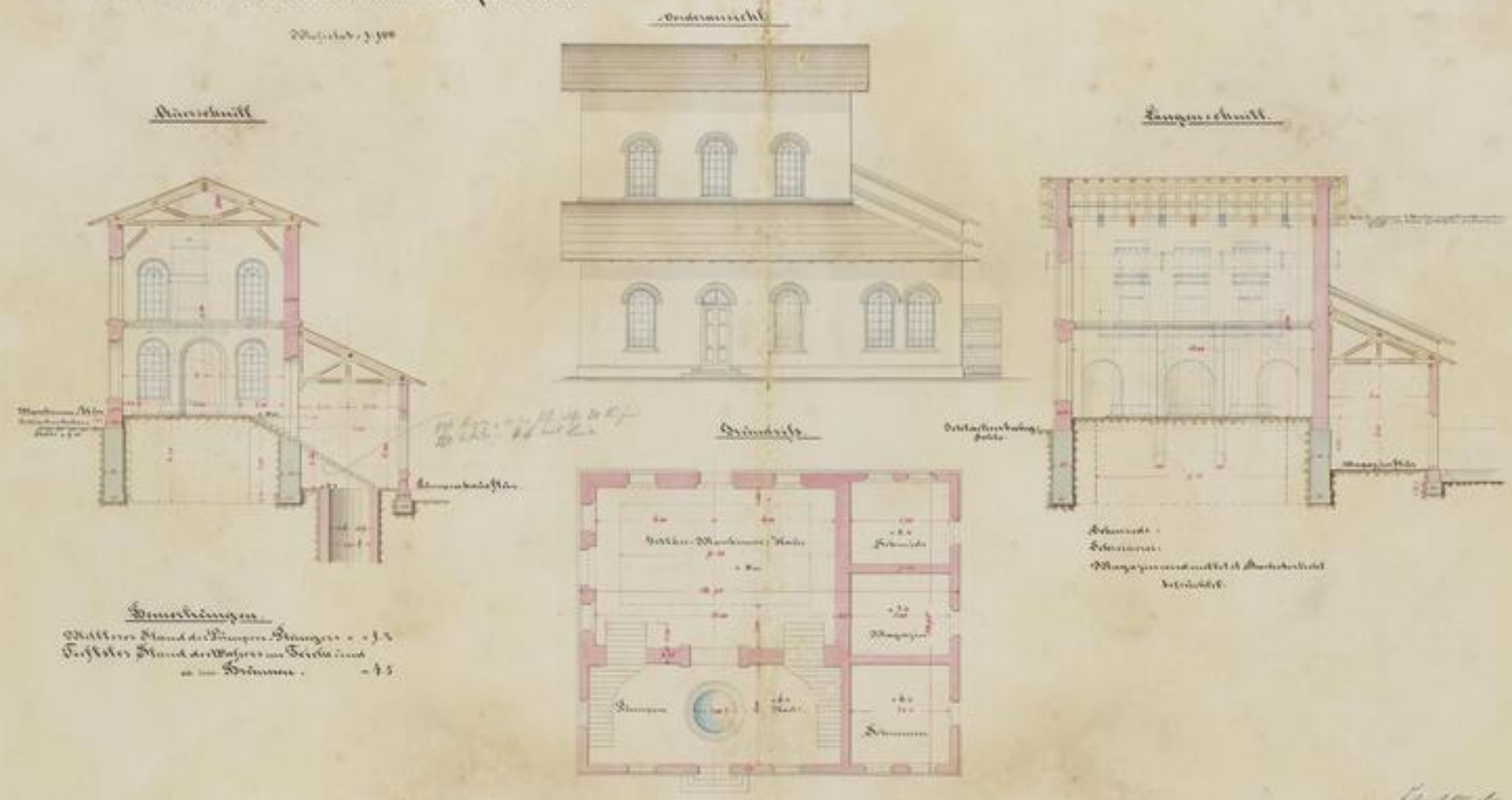
N: 186.


Figg. 1 u. 10. Ventilationsklappe auf dem Standrohr.
Fig. 1. Seitenansicht.
Fig. 2. Stirnansicht.
Fig. 3. Bolzen 8.
Fig. 4. Hinteransicht.
Fig. 5. Seitenansicht.
Figg. 8 u. 10. Zwischenstücke 8.
Fig. 9.
Fig. 11.
Fig. 6. Oberansicht.
Fig. 7. Schnitt a-b.
Hohofen-Anlage
zu
Amberg
in
Bayern
Details der Gasleitung.
No 107

Isolirten Anlage
zu
Amberg.
im
Königreich
Bayern

Gebläse-Maschinen- und Pumpenhaus.

Maßstab = 1:100

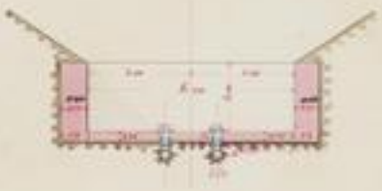


Isolirofen-Anlage zu Amberg.

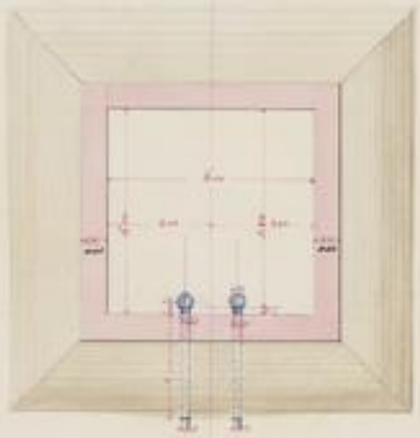
von Bayer

Bassin und Klärteich. M. 1:100

Querschnitt.

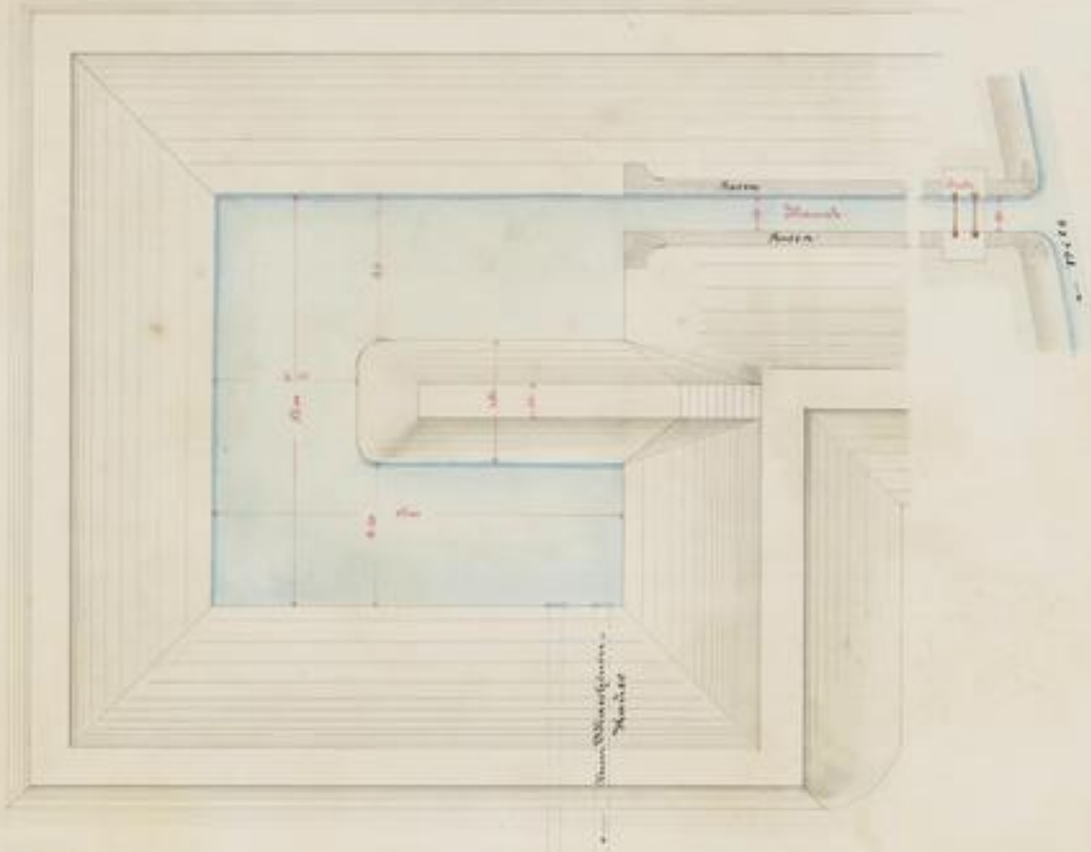


Grundriss



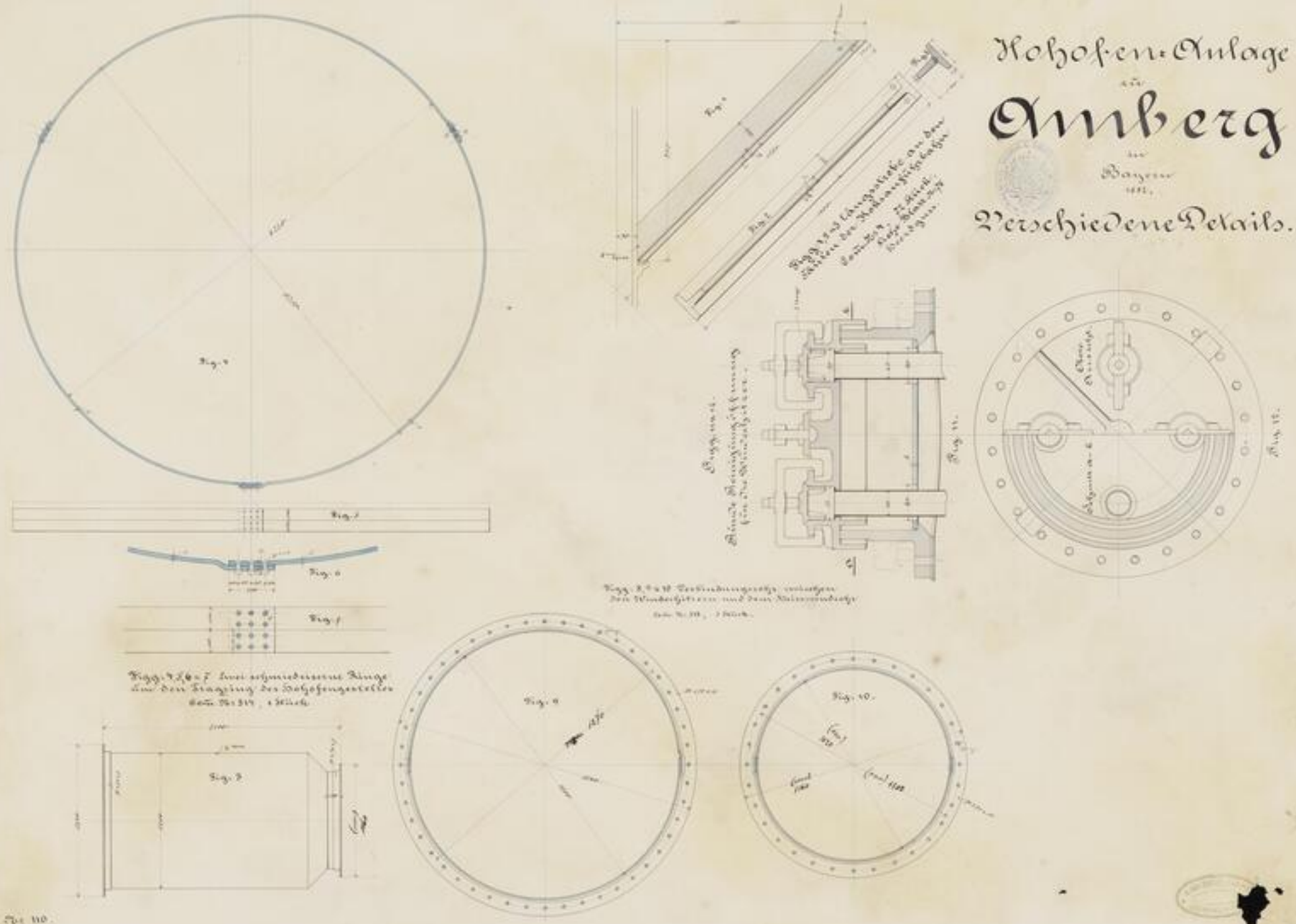
Querschnitt des Klärteiches.

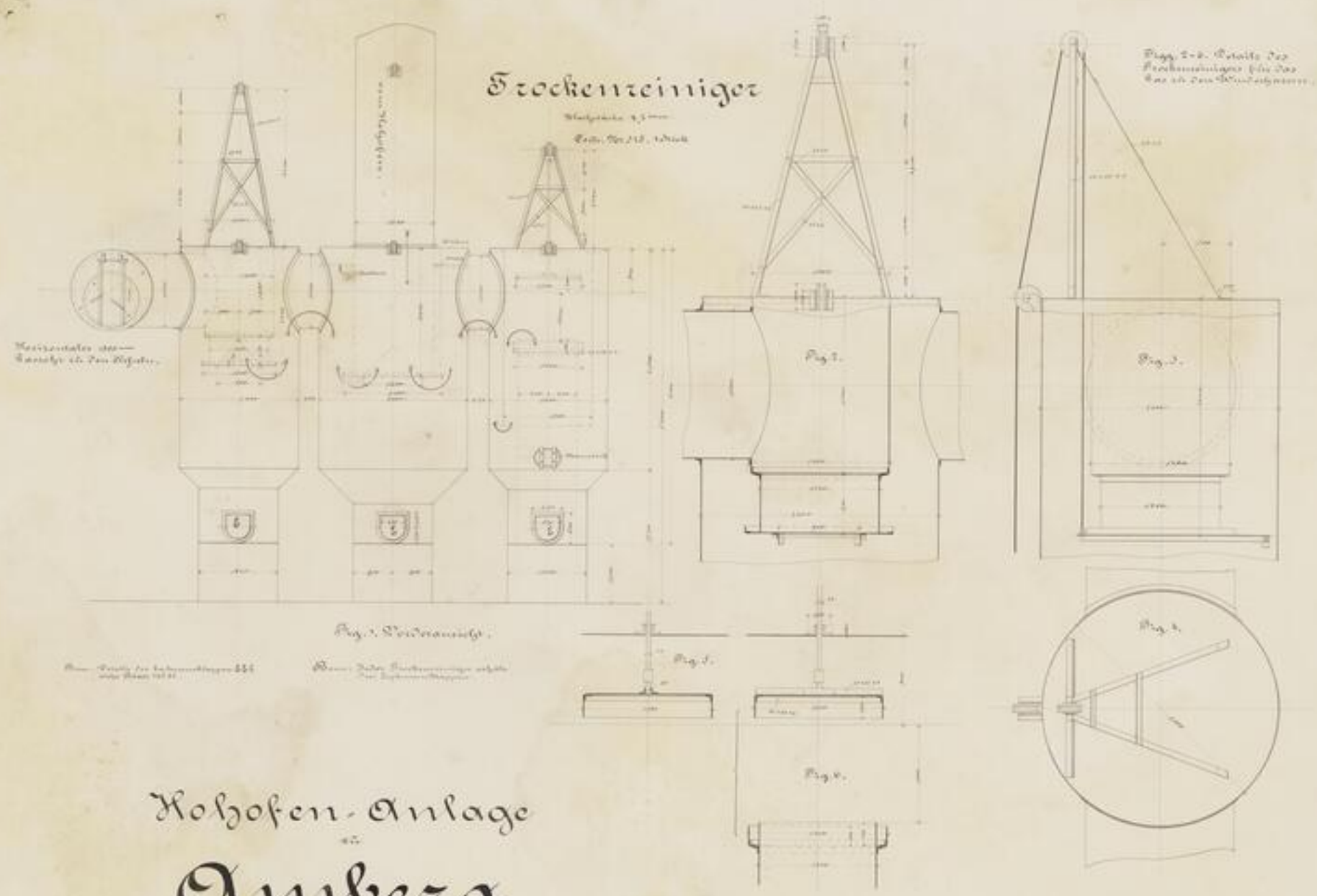
Grundriss des Klärteiches.

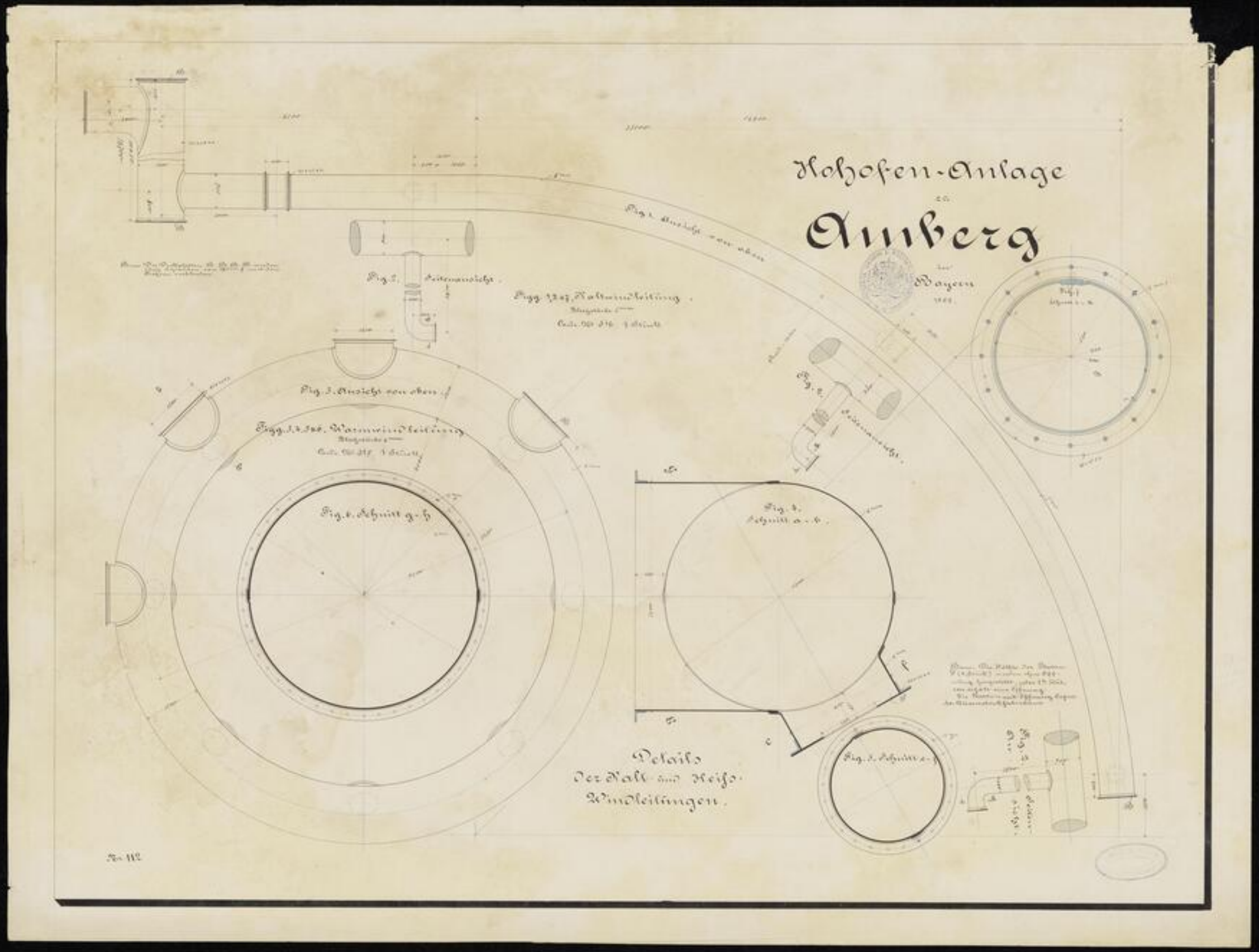


Hohofen-Anlage
Amberg
Bayern

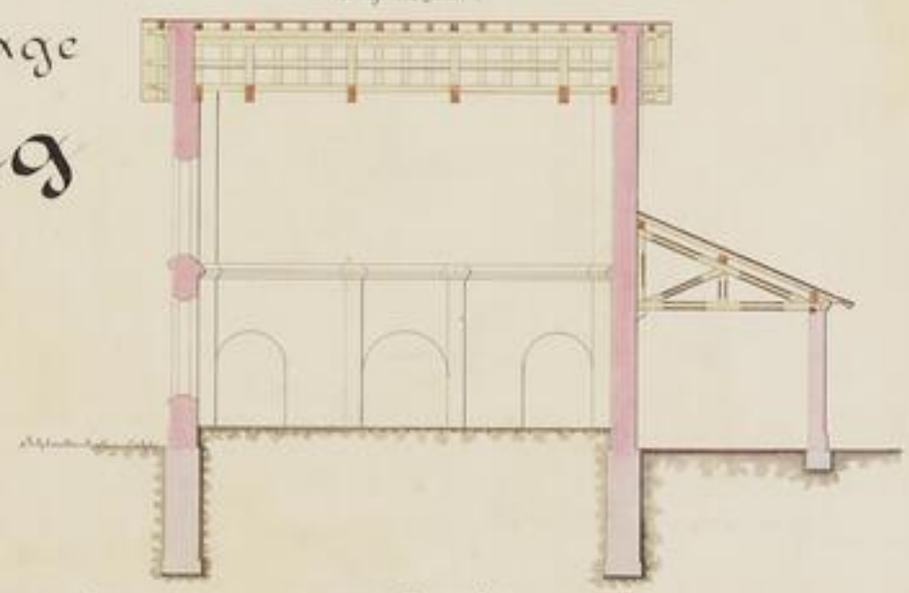
Verschiedene Details.





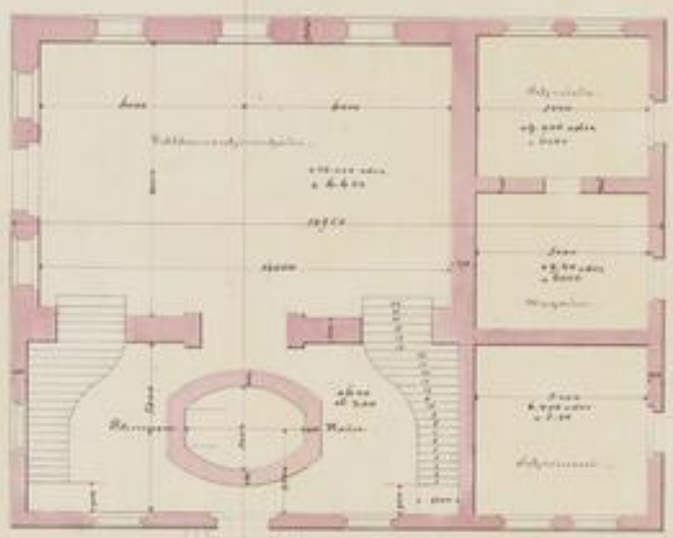

Hohofen-Anlage
zu
Amberg
bei
Bayern
Fig. 1. Ansicht von oben
Fig. 2. Seitenansicht
Figg. 3 u. 4. Kaltwindleitung
Fig. 5. Ansicht von oben
Figg. 6 u. 7. Warmwindleitung
Fig. 8. Seitenansicht
Fig. 9. Schnitt a-b
Fig. 10. Schnitt a-b
Fig. 11. Schnitt a-b
Details
der Kalt- und Heiß-
Windleitungen.
No. 112

Hohofen-Anlage
zu
Amberg
im
Bayern
ausgeführt.



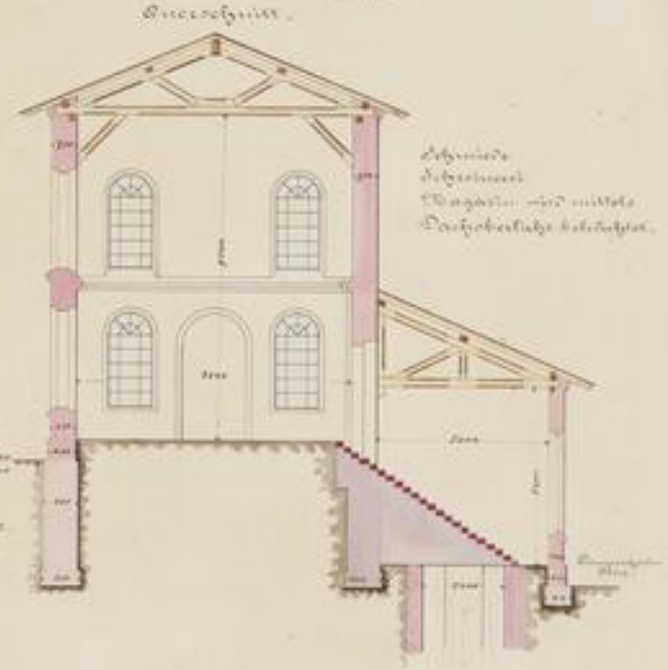
Gebläse-Maschinen
zu
Pinnpenhaus.

Grundriss.



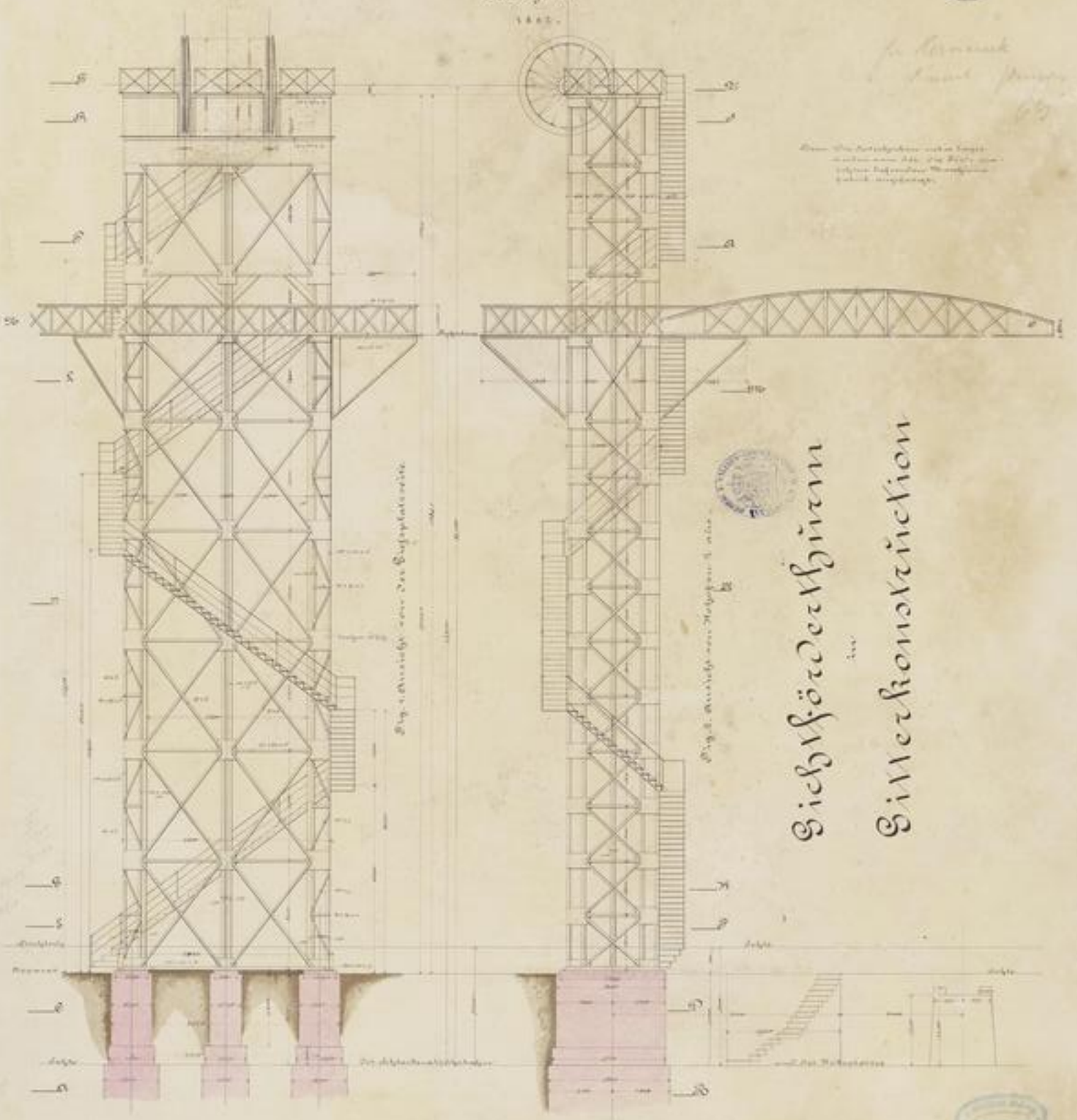
Maasstab: 1:100.

Querschnitt.



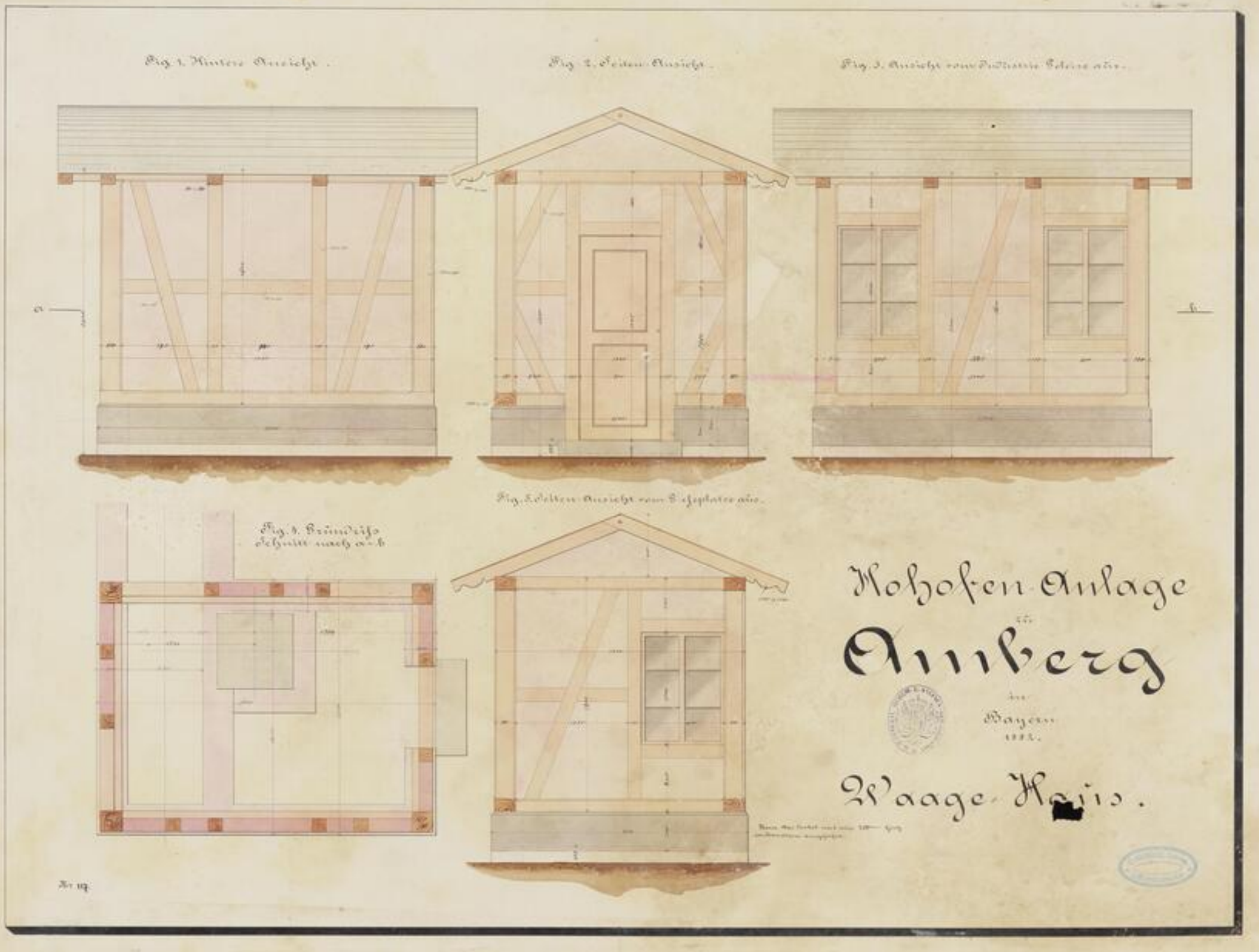
Nr. 115.

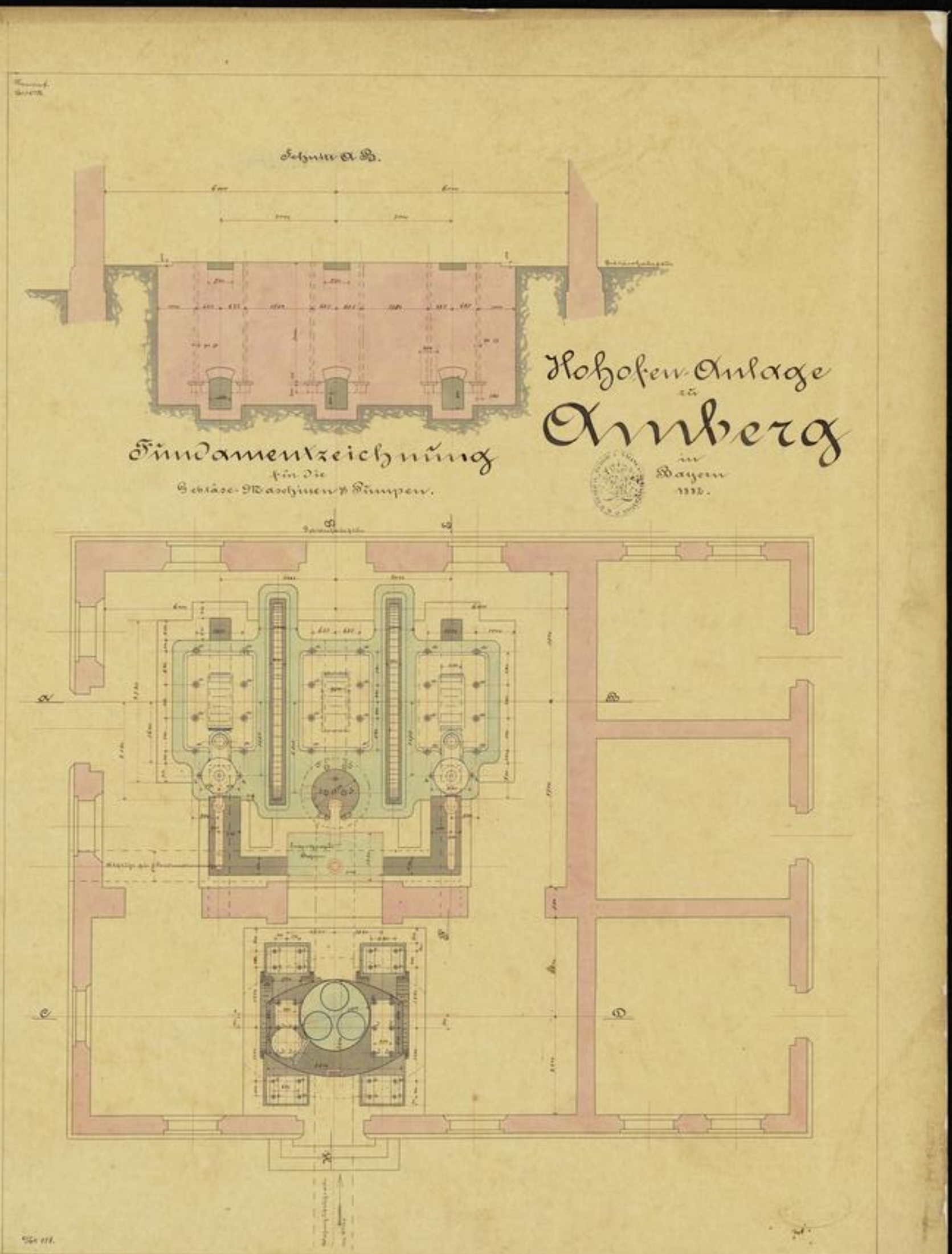
Hohofen-Anlage
zu
Amberg
in
Bayern
1862.

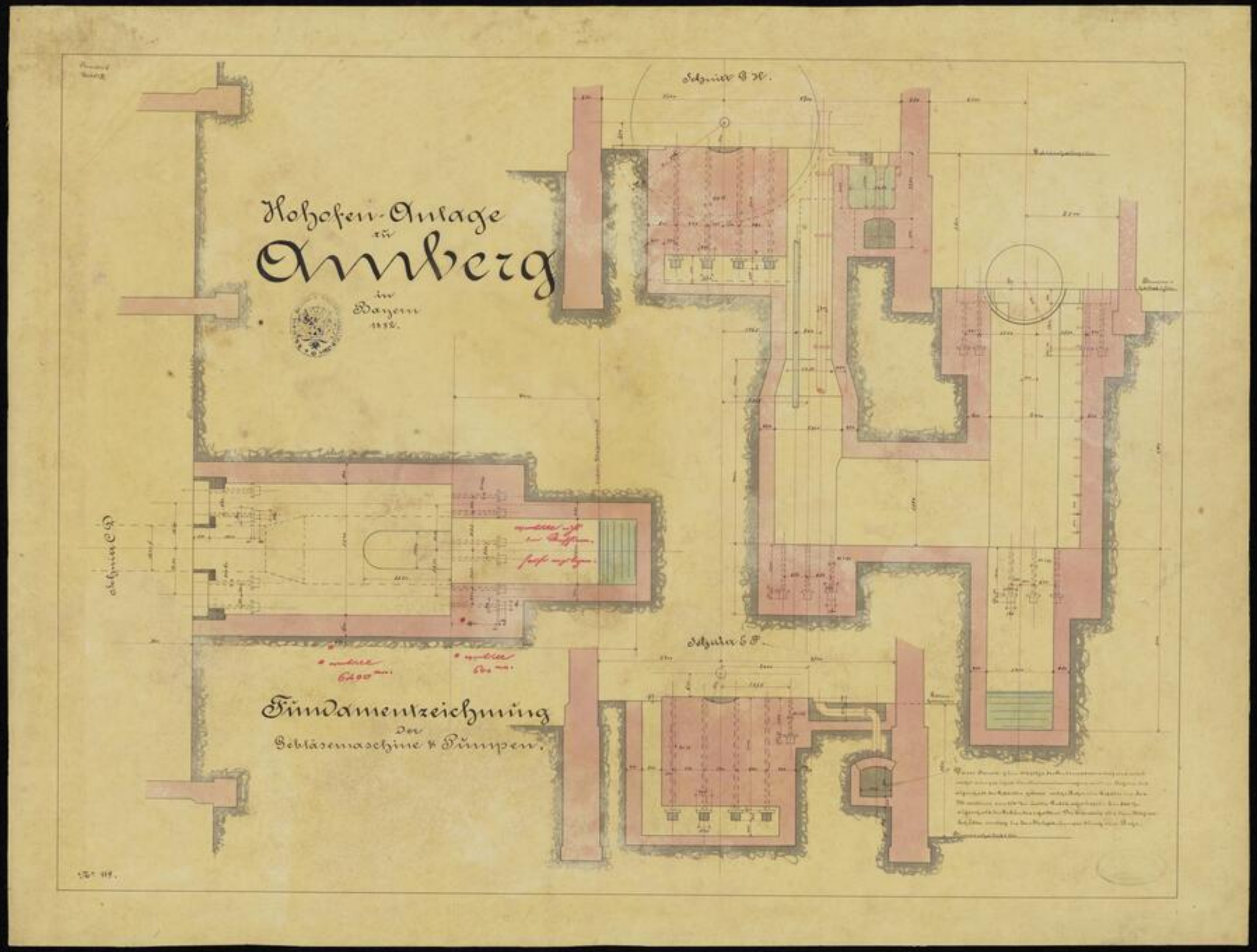


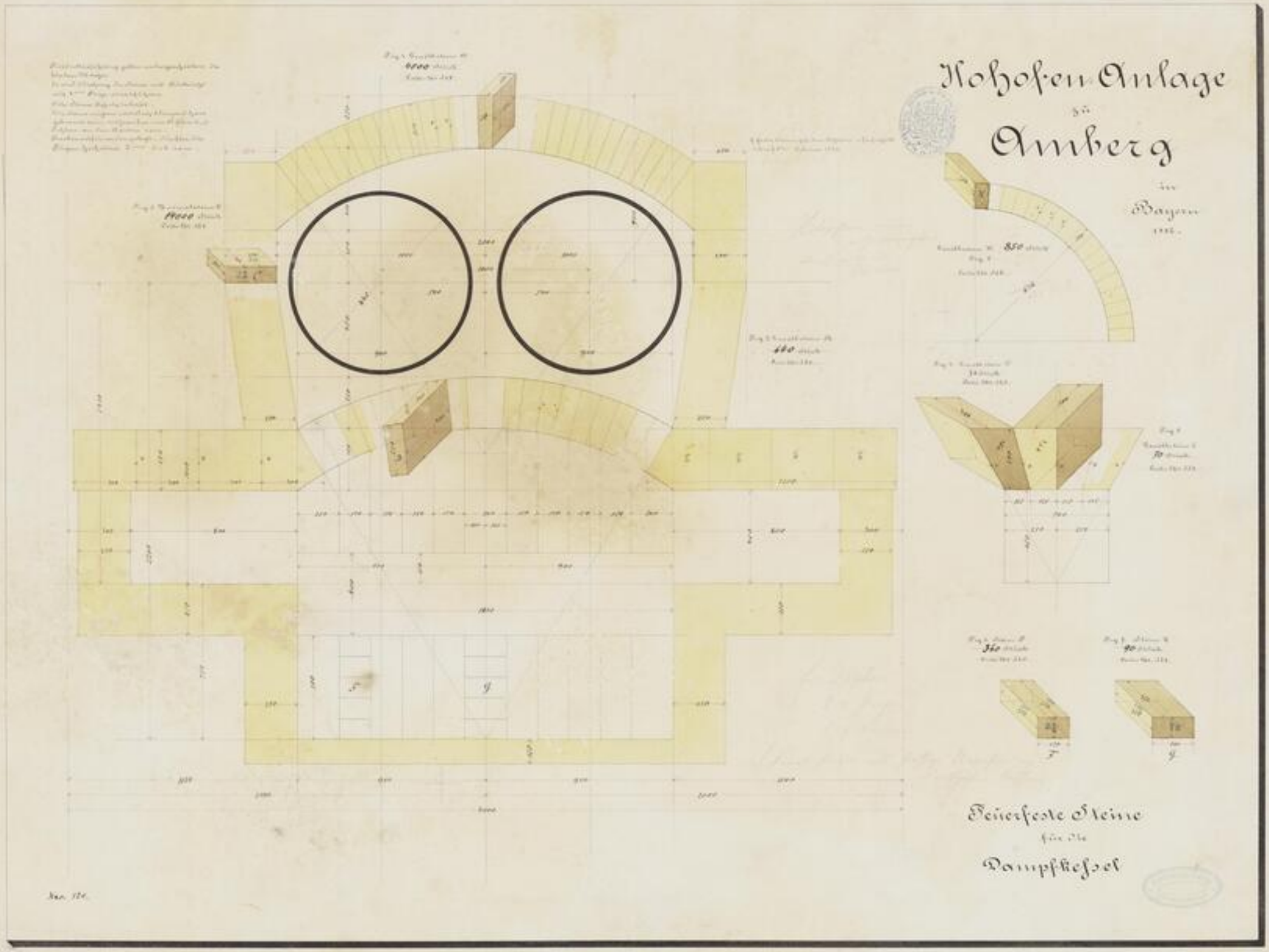
Sichtpfördertheilung
und
Gittertragconstruction

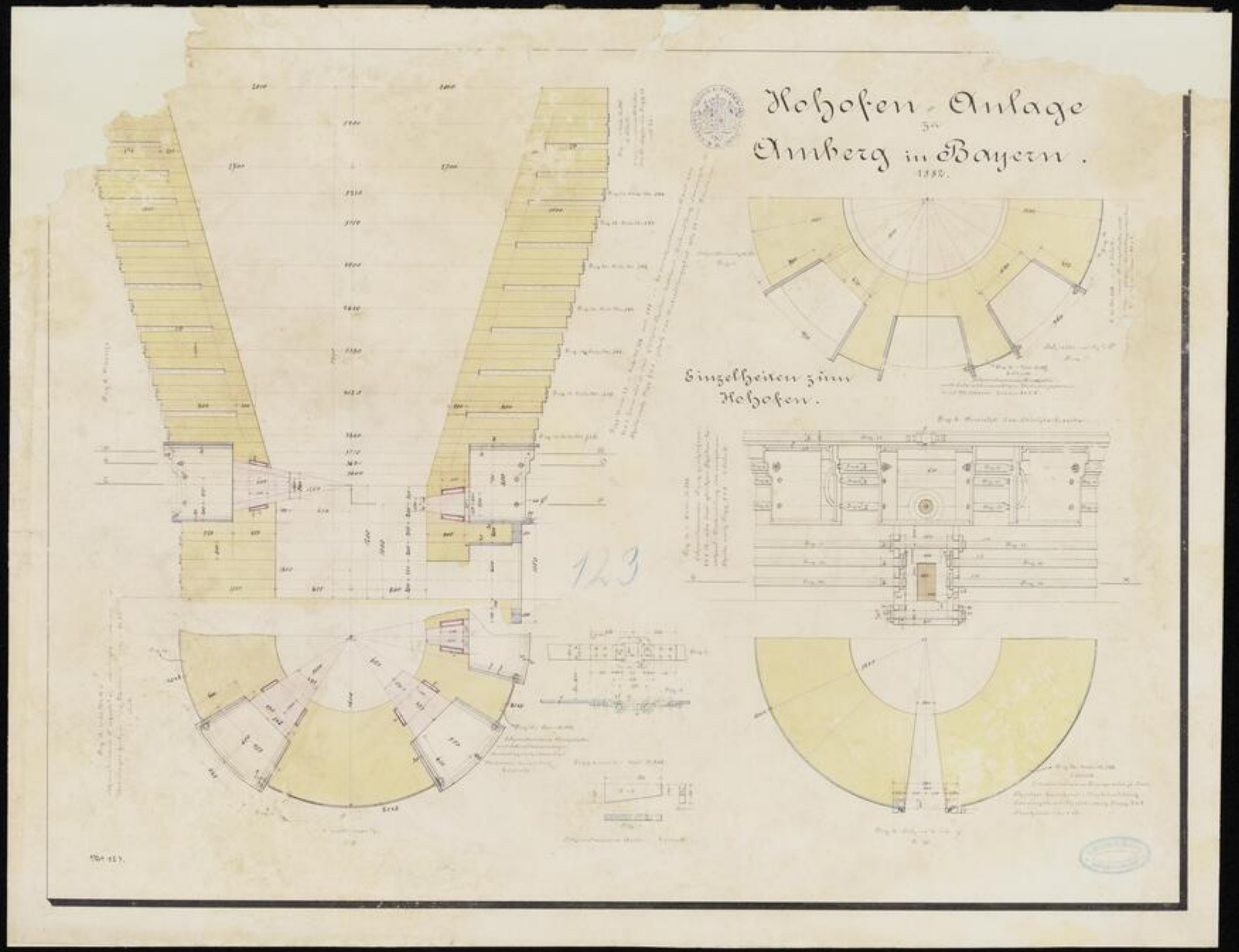
Blatt 119.



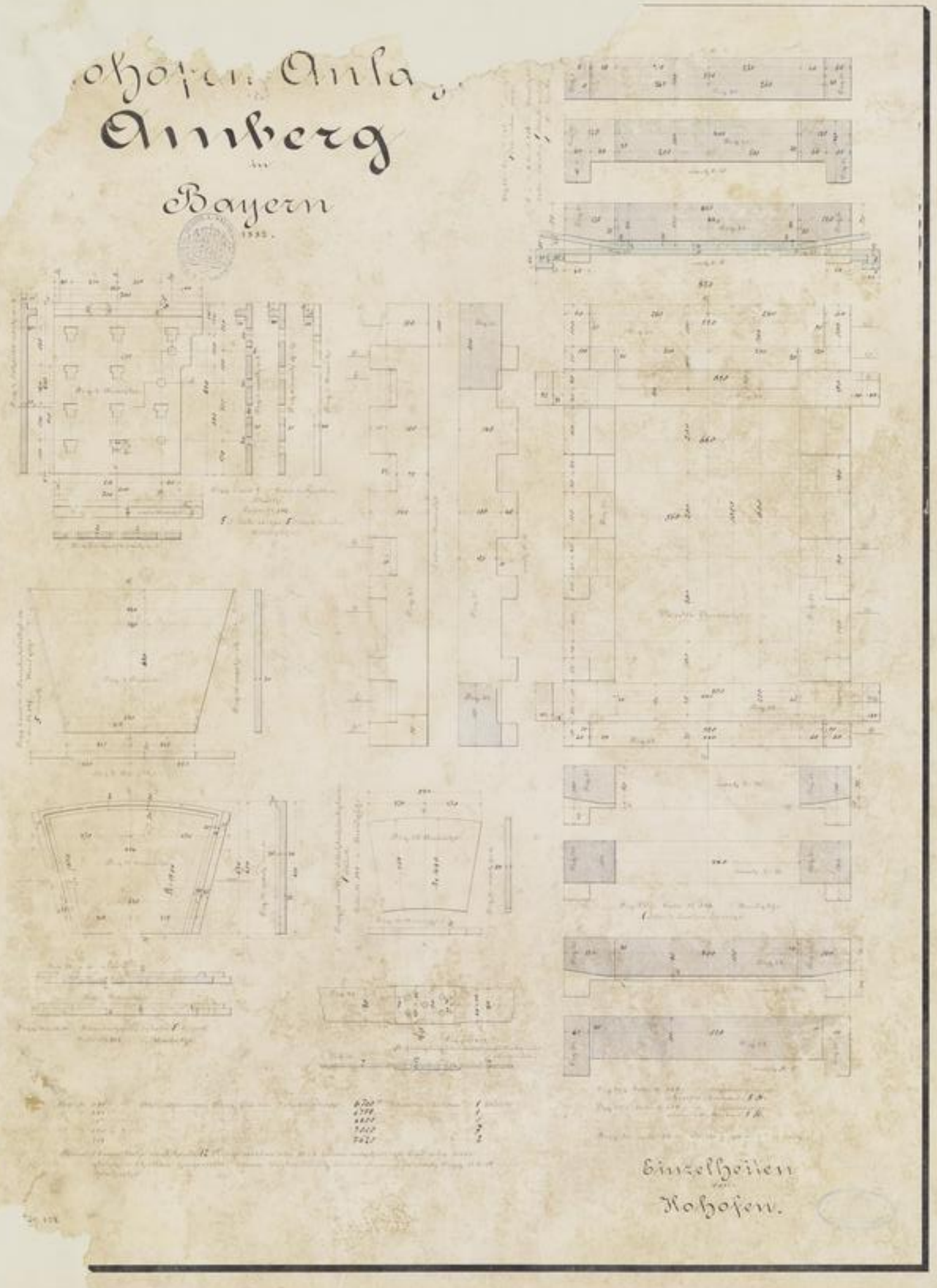








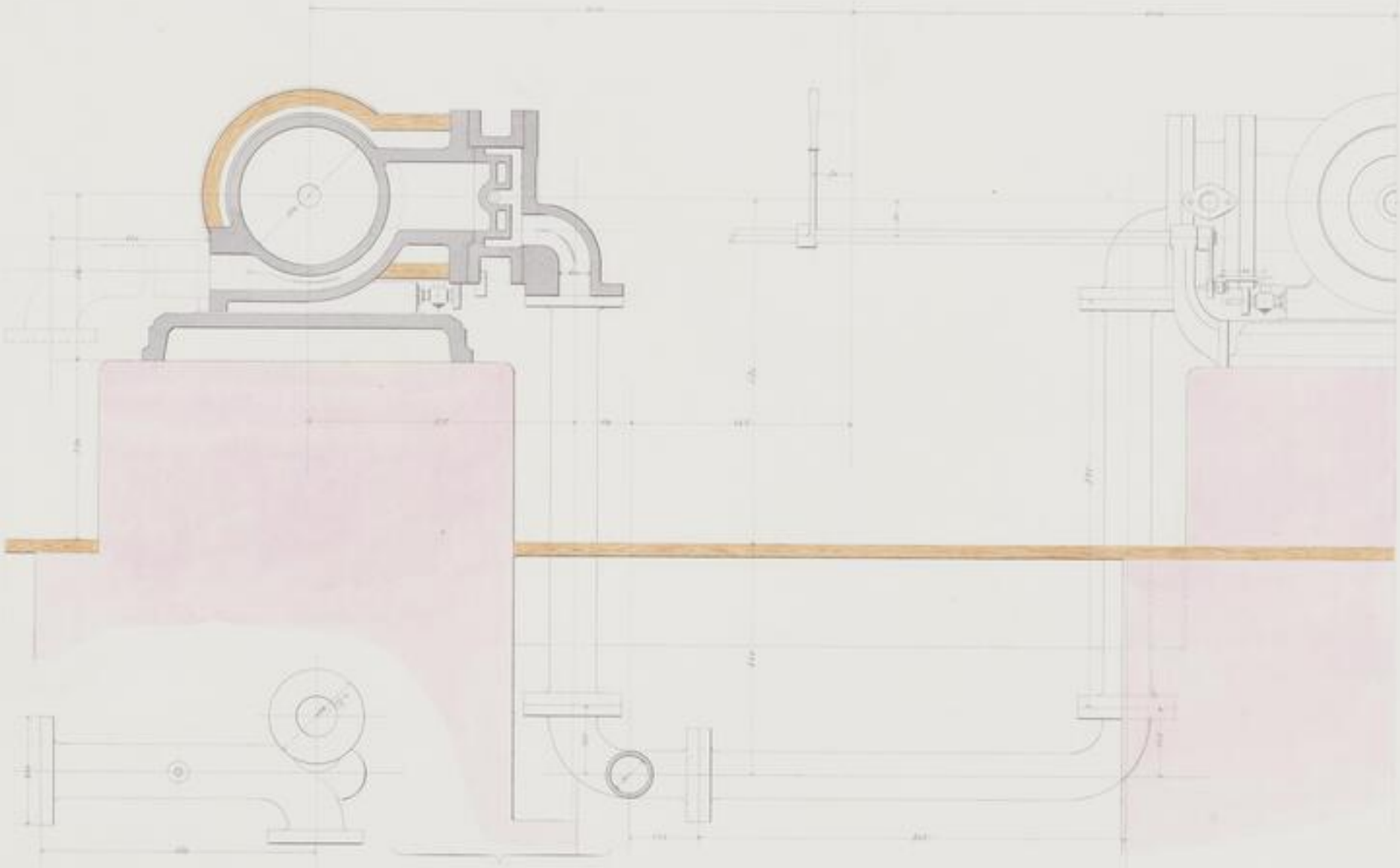
Hohofen Anlage
Amberg
in
Bayern



Einzelheiten
von
Hohofen.

Hohofen-Anlage zu Amberg in Bayern 1882.

Details zur Gichtenaufzugsmaschine.

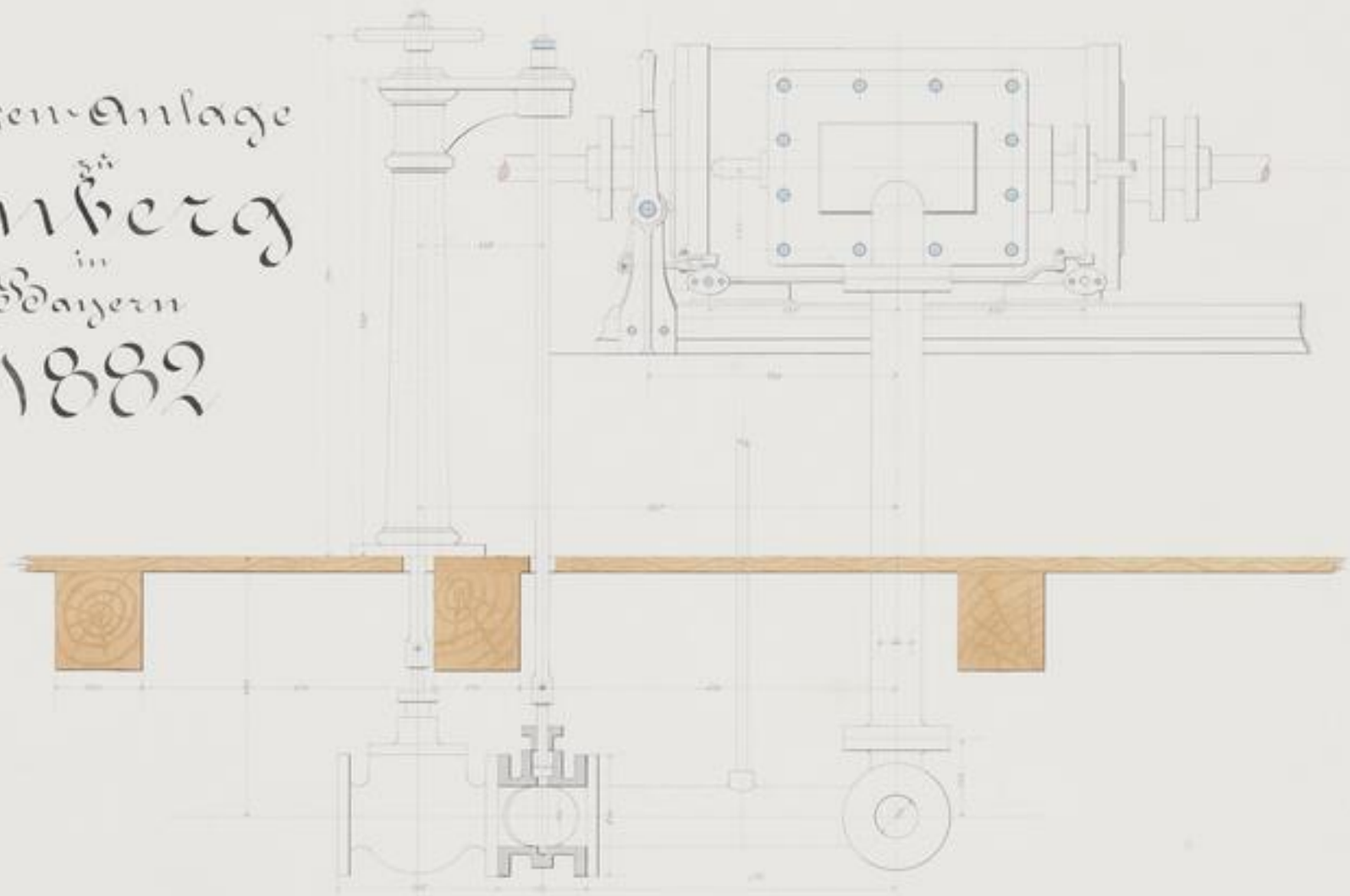


No 125.

C. Goedecke, Ing.
Rixdorf.

Details
zur
Eichlenaufzugsmaschine.

Hohofen-Anlage
zu
Amberg
in
Bayern
1882



No 126.

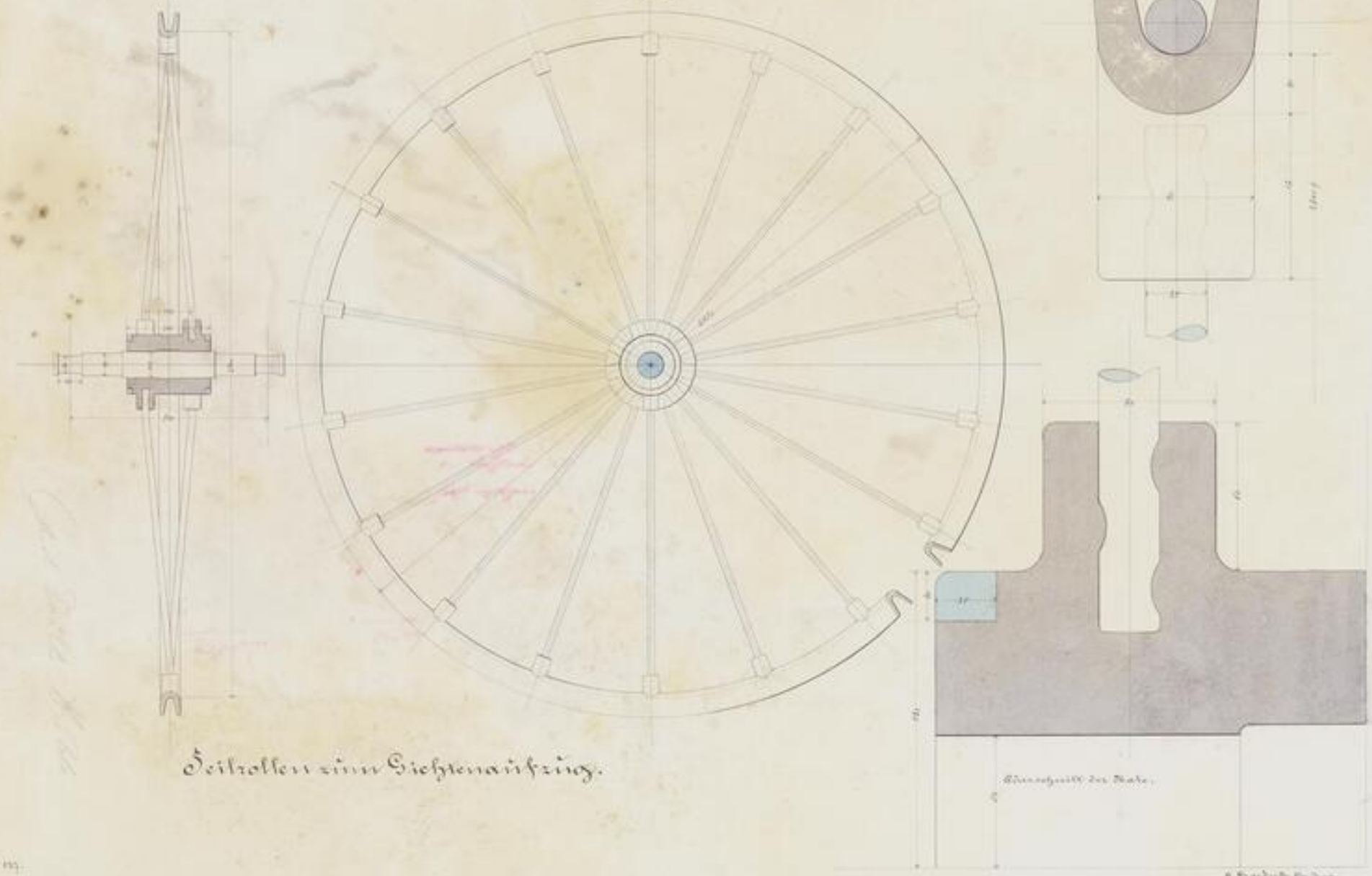
C. Goedecke Civ. Ing.
Düsseldorf.

Hohofen - Anlage

zu

Amberg in Bayern

1882.



Seilrollen zum Gichtenaufzug.

Querschnitt der Welle.

Sm 119.

K. Gewerbeschule Nürnberg
Augsburg.

Einzelheiten zur Gichtenaufzugsmaschine.

Verbindungsstange.

Hohofen-Anlage

zu

Amberg

in

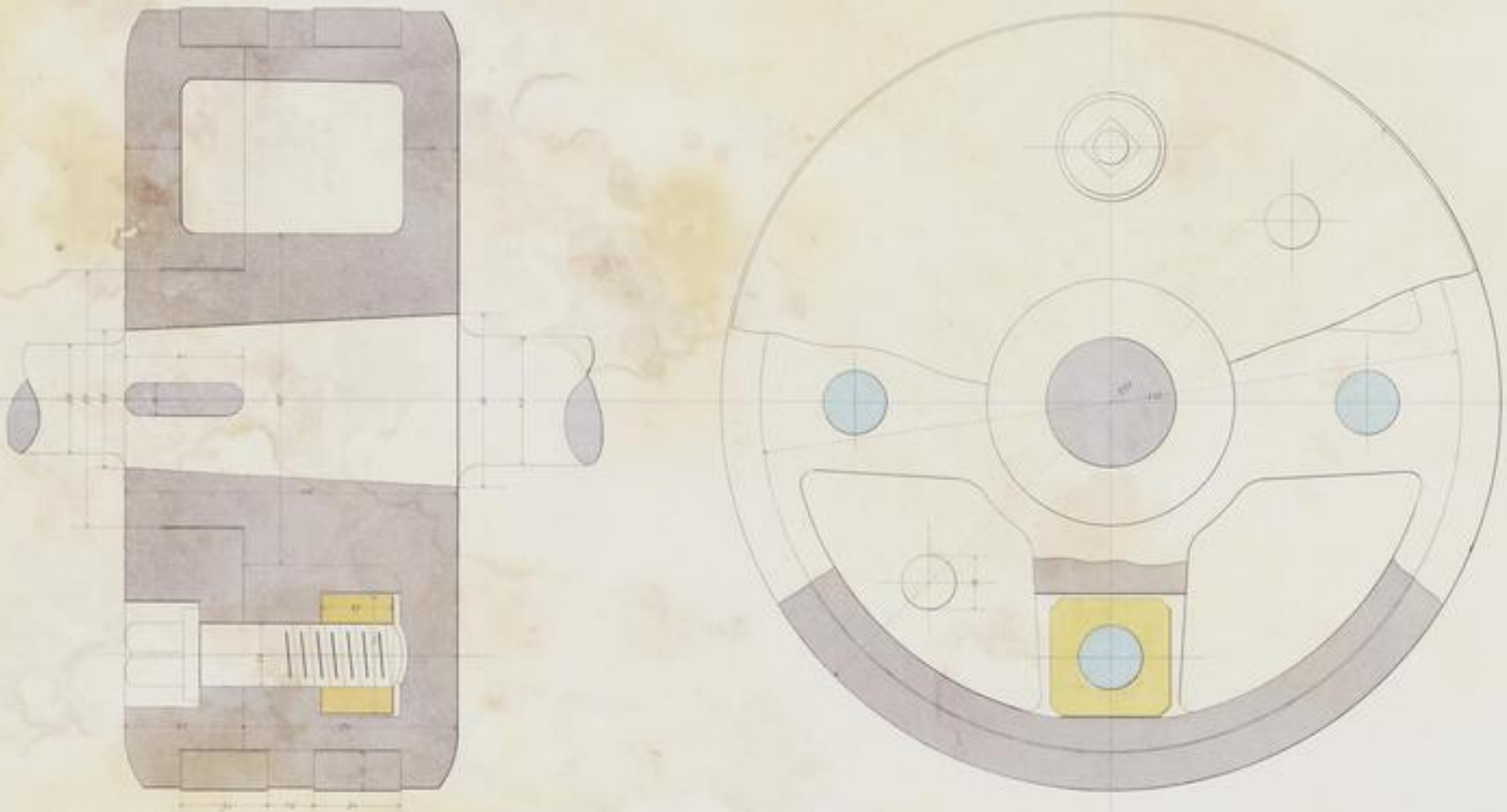
Bayern

1882.

Tafel 126.

C. Goedecke, Ing. Düsseldorf.

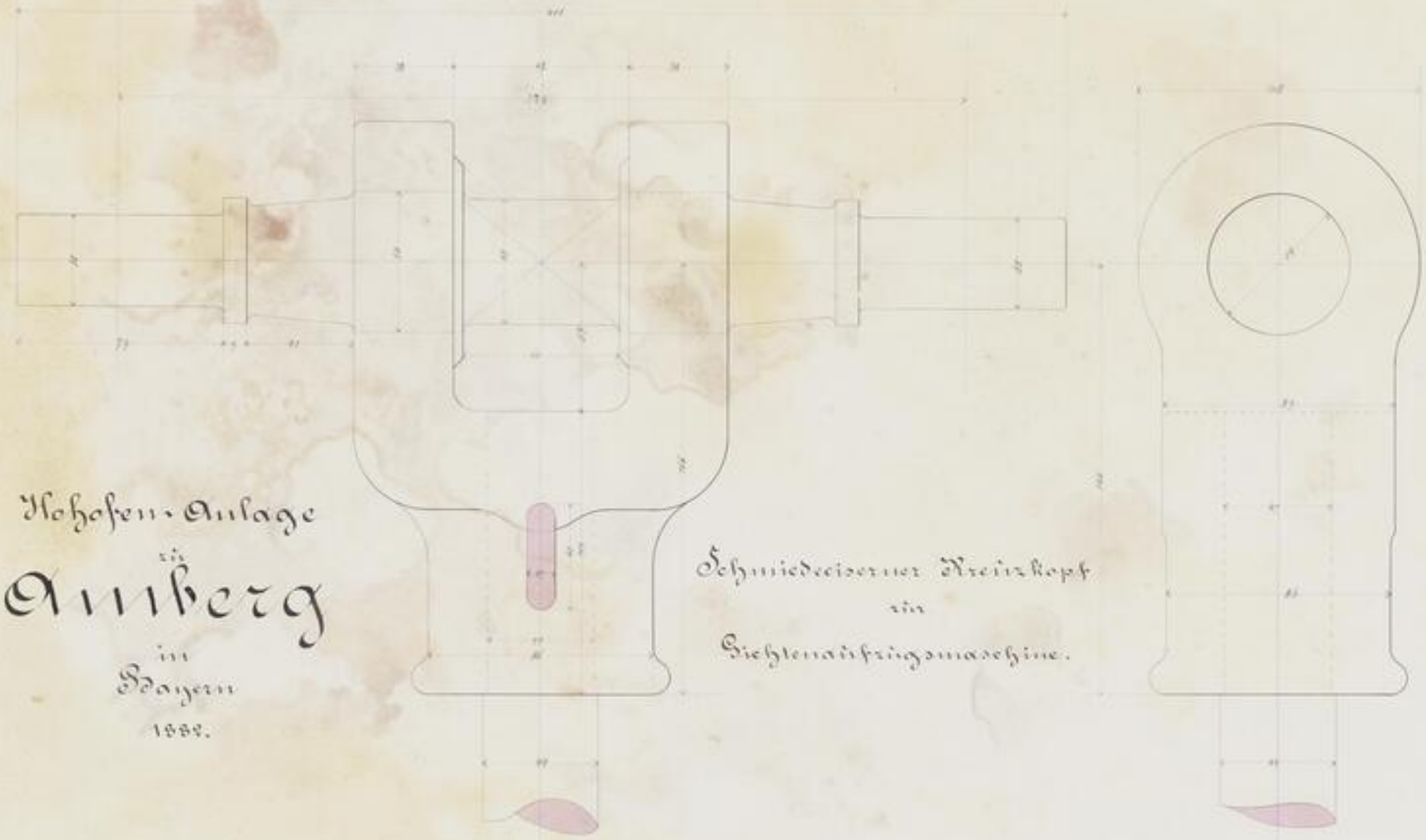
Hohofen-Anlage zu Amberg in Bayern 1882.



Kolben zur Gichtenaufzugsmaschine.

No 129.

C. Bodecke Ob. Ing.
Rheinfelden.



Hohofen-Anlage
zu
Amberg
in
Bayern
1882.

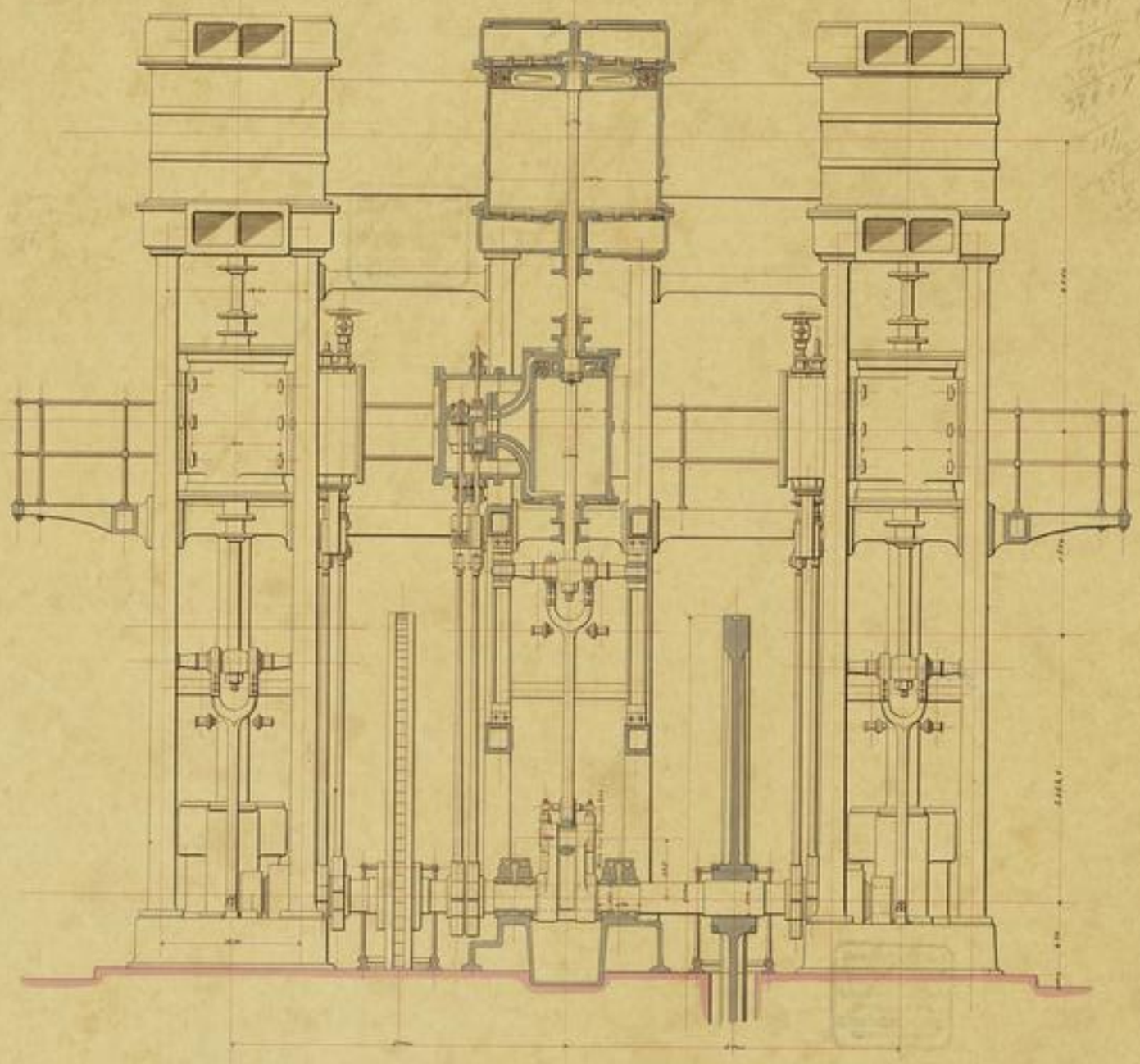
Schmiedeeiserner Kreuzkopf
zur
Siehlenaufzugsmaschine.

No 130.

C. Goedecke, Ger. Bauf.
Königsberg.


Schmiedeeiserne Wippe
zur
Schlammaufhaltungs-
Maschine.
Hochofen-Anlage
zu
Königshütte O.S.
1882.

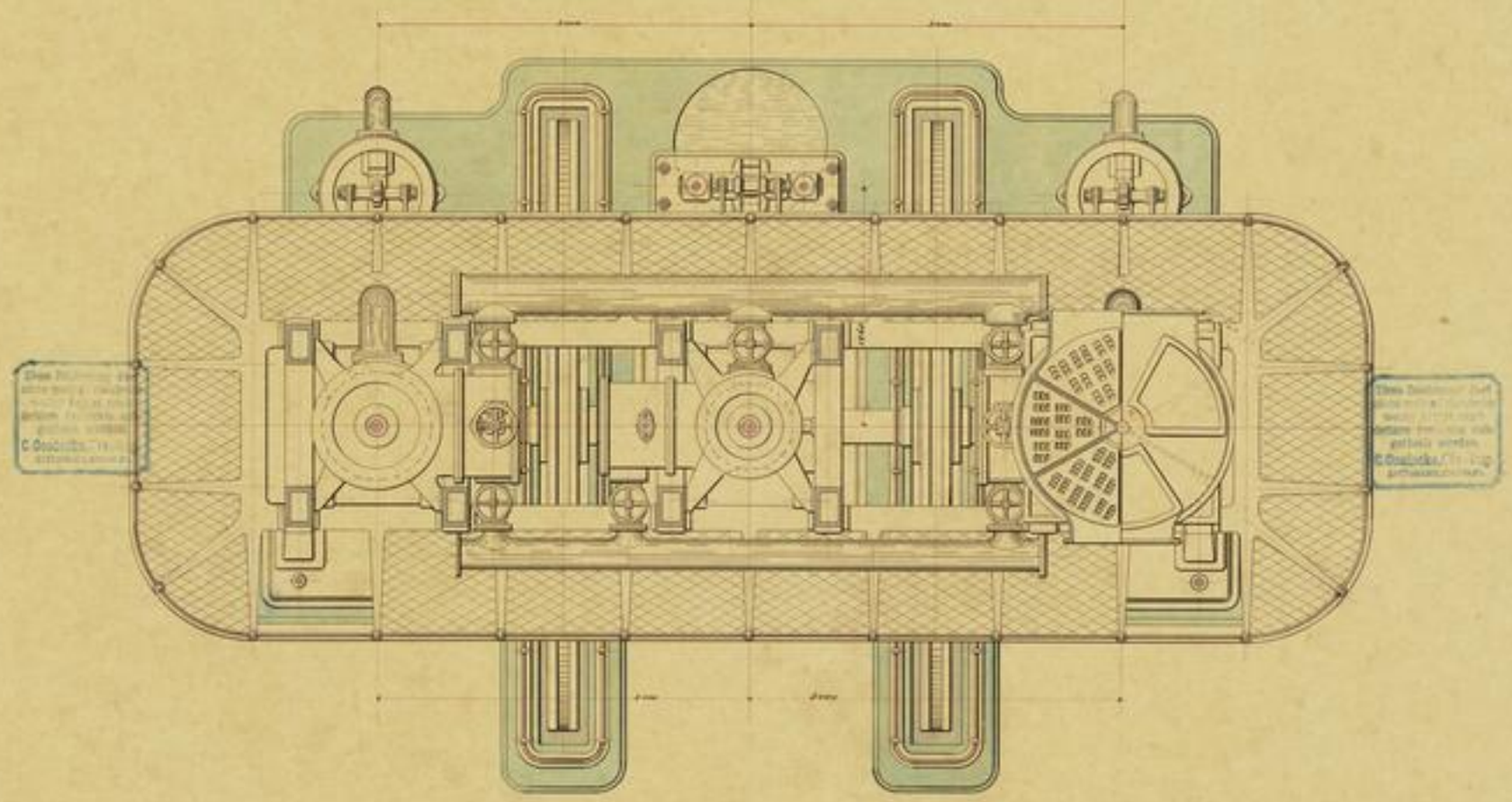
Compound Drillings-Gebläse Maschine.



Hohofen-Anlage
zu
Amberg
in
Bayern
1852.

No 116.

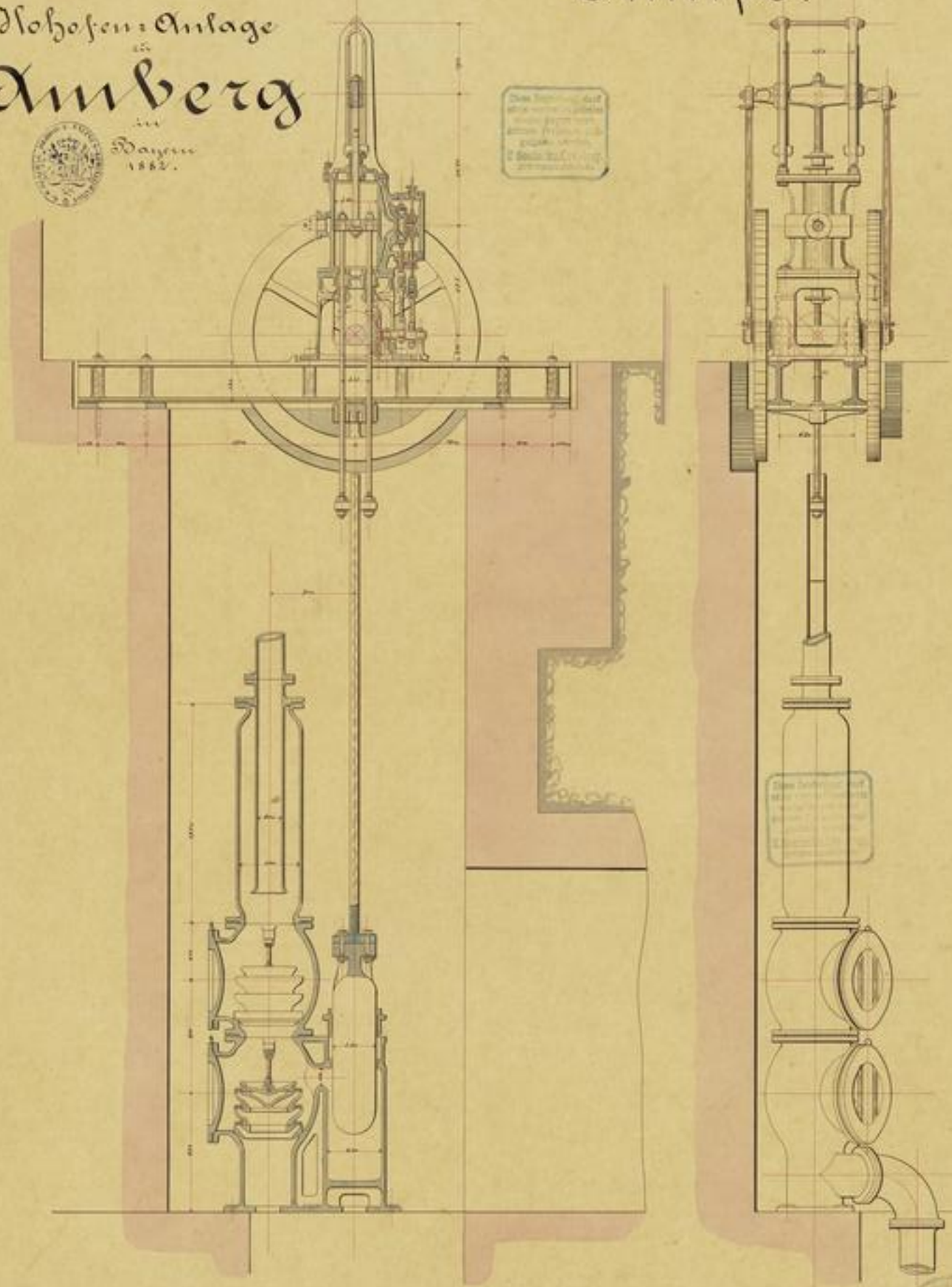
Compound Drillings-
Gebläse-Maschine.



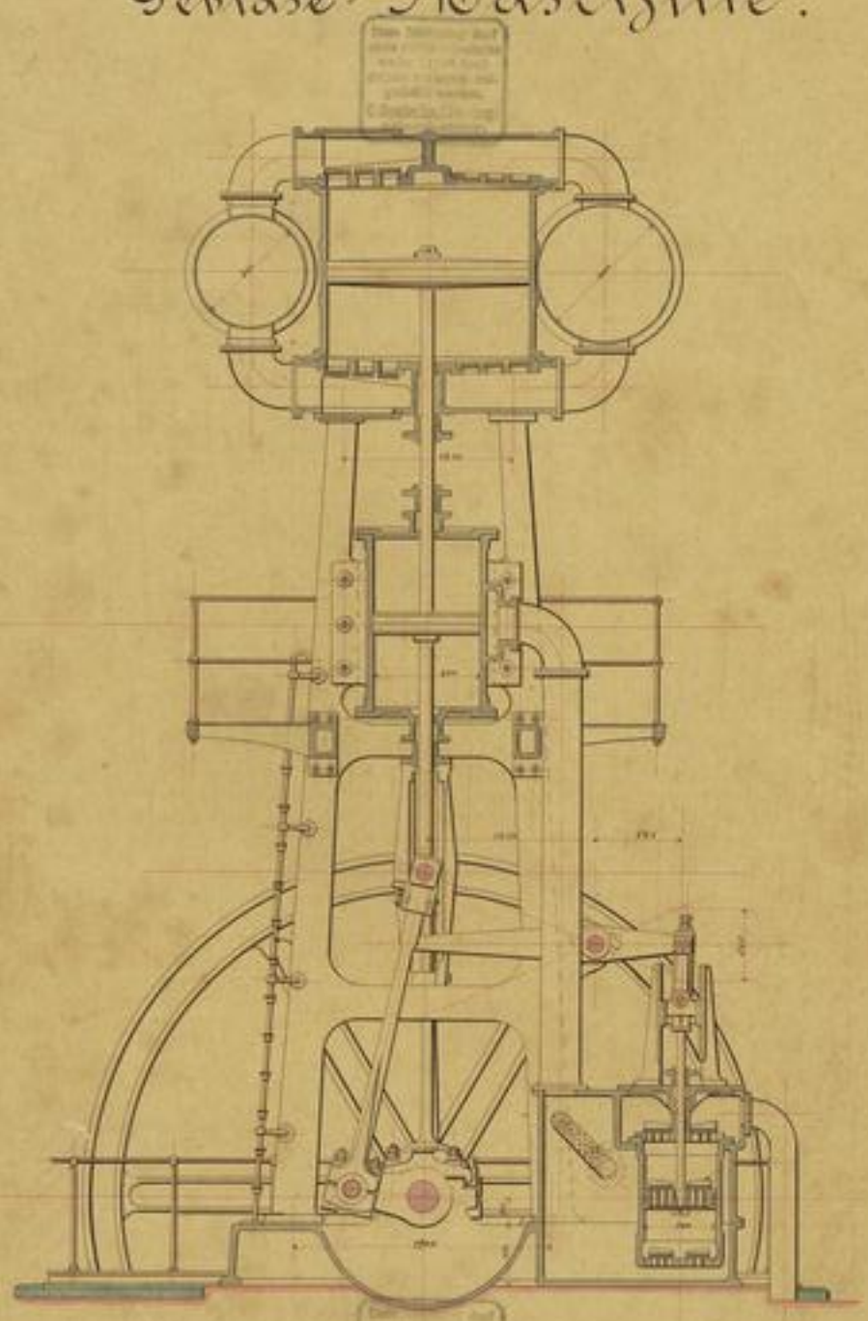
Hohofen-Anlage
zu
Amberg
in
Bayern
1882.

Kaltwasser Pumpe.

Hohofen-Anlage
zu
Amberg
in
Bayern
1882.



Compound Drillings-
Gebläse-Maschine.



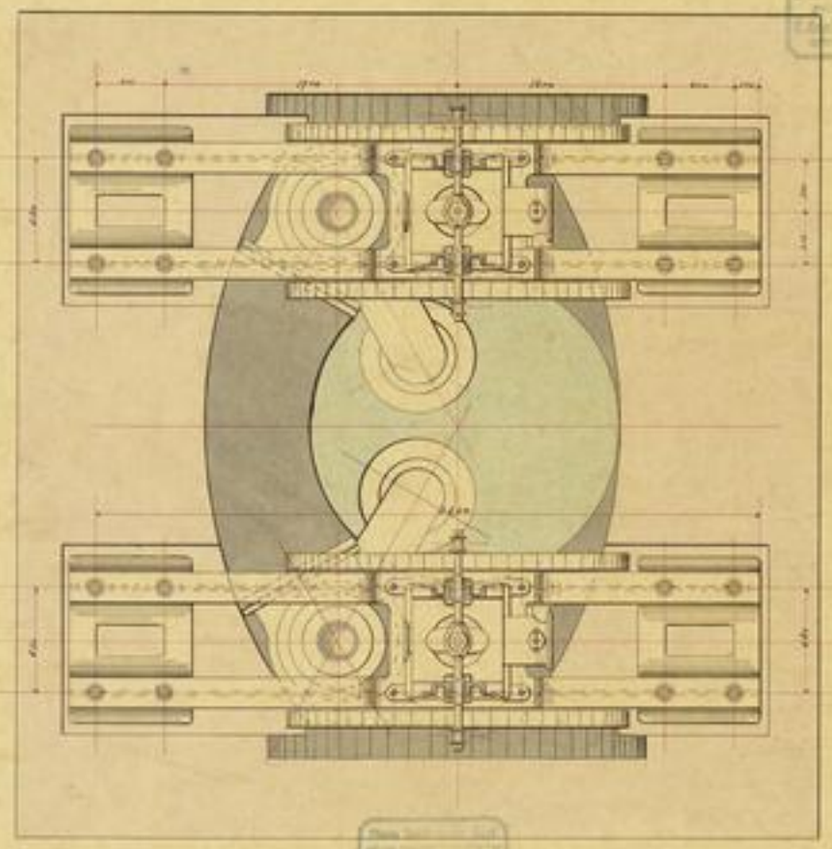
Hohofen-Anlage

zu

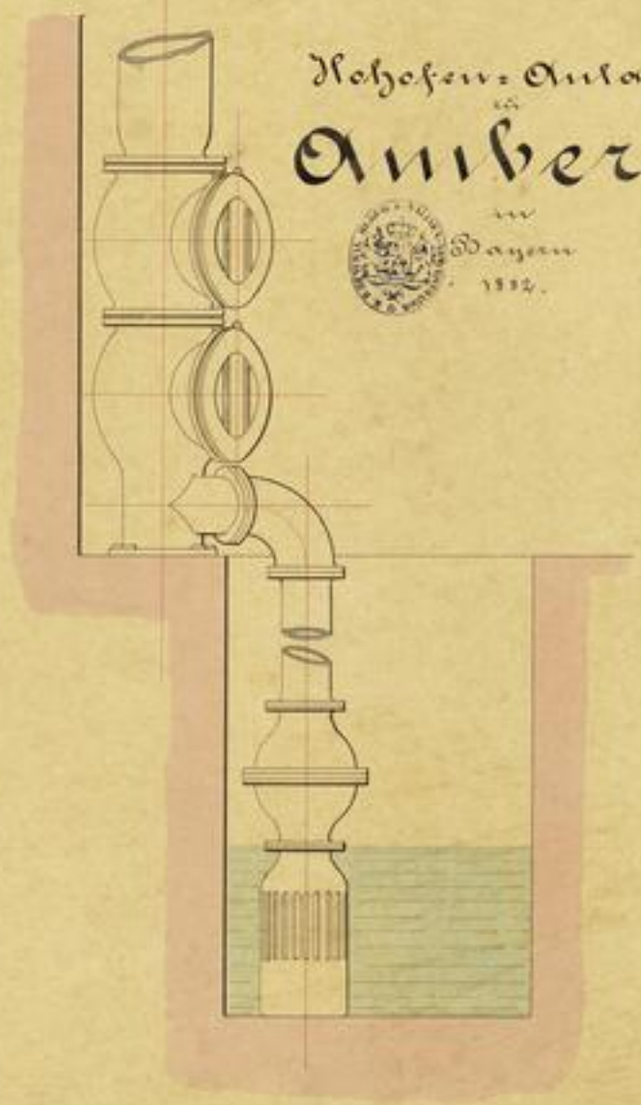
Amberg in Bayern

1882.

Kaltwasser-Pumpe.



Hohofen-Anlage
zu
Amberg
in
Bayern
1872.



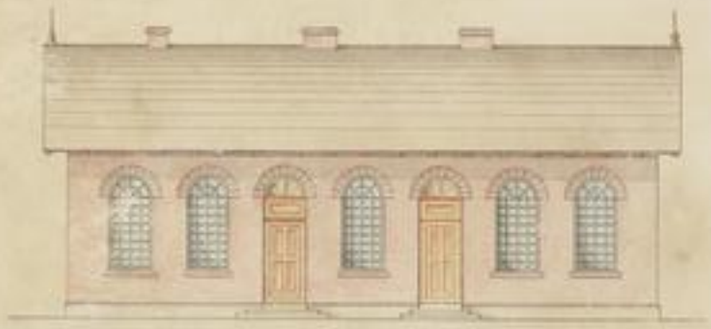
Nr. 136.

Schafen-Anlage zu Amberg in Baiern 1882.

Schiffen-Geschäfts-Haus.

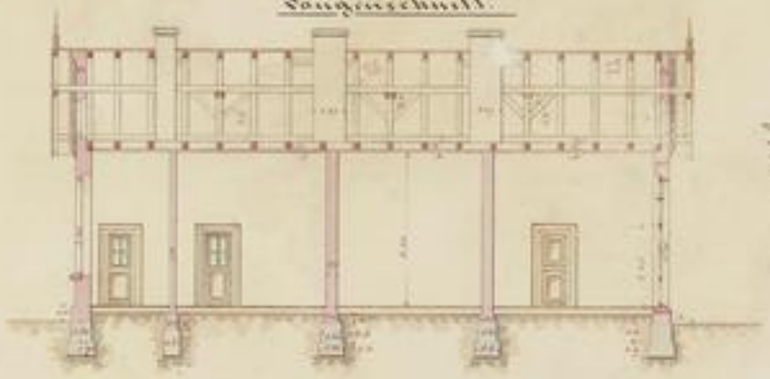
Giebel-Ansicht

Vorder-Ansicht



Quer-Schnitt.

Längenschnitt.

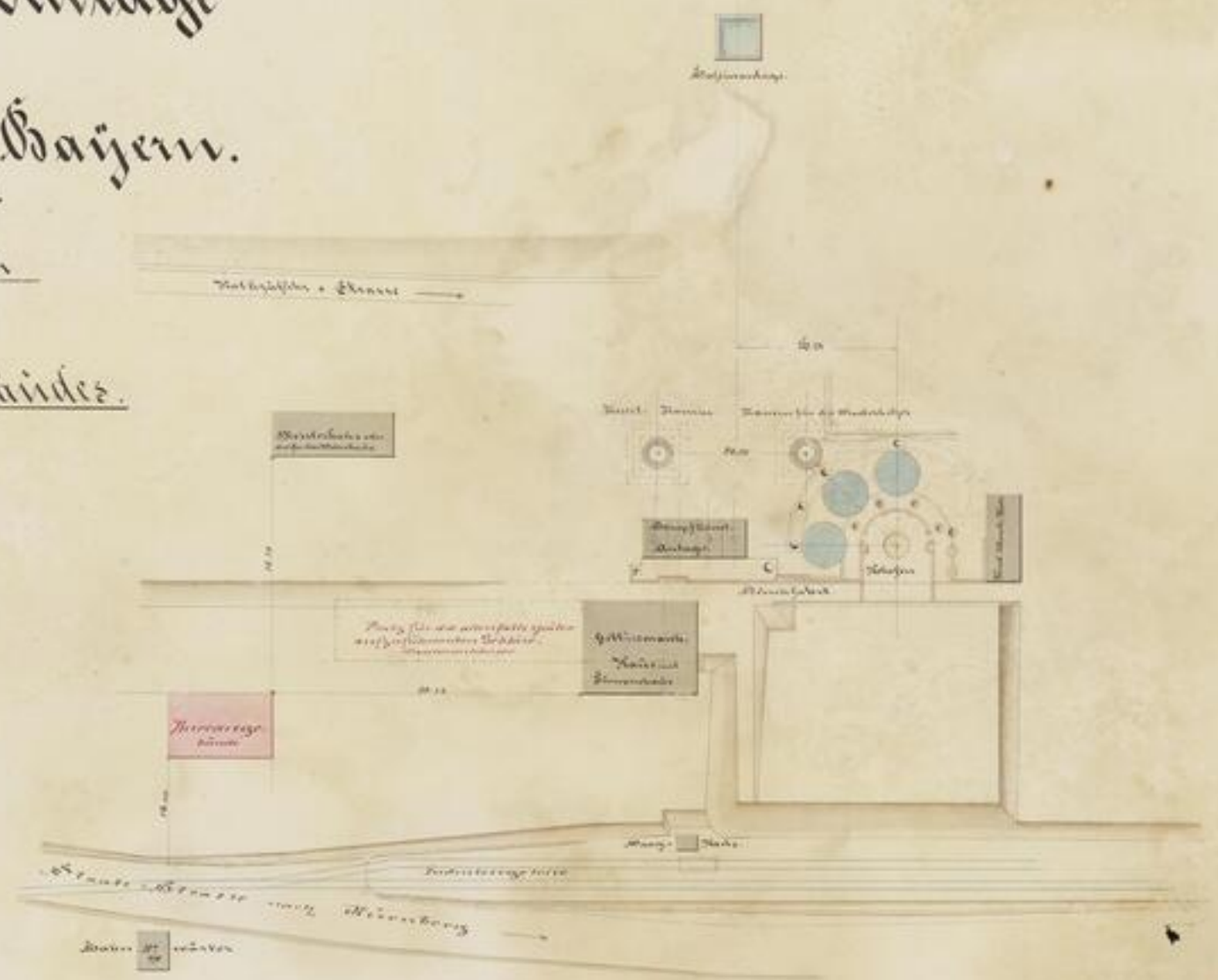


Grundriss.

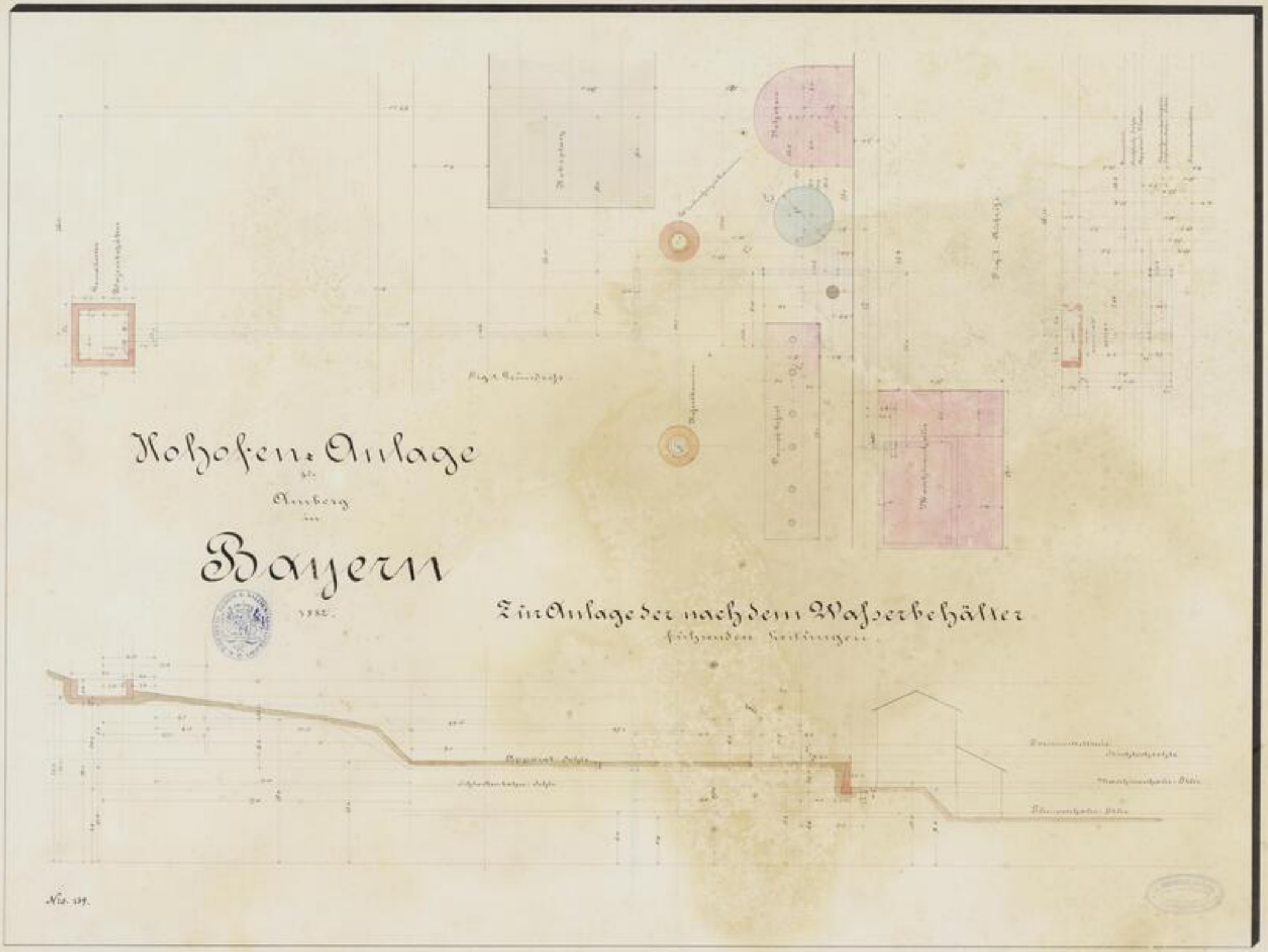
No. 137.

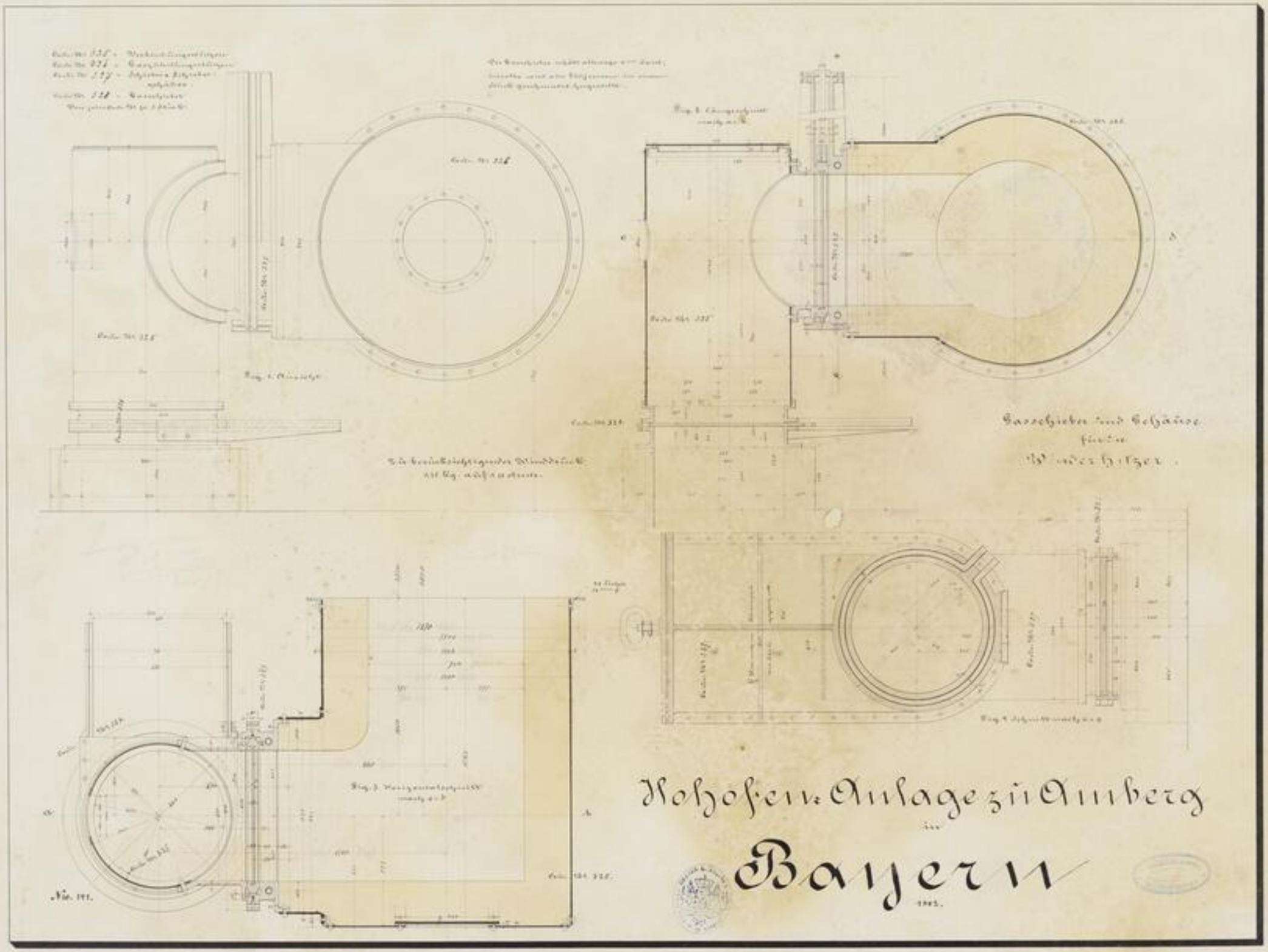
Schachtofen-Anlage
zu
Amberg in Bayern.
1882.

Situation
des
Schmelzgebäudes.



No. 139.





Hohofen-Anlage

zu

Amberg

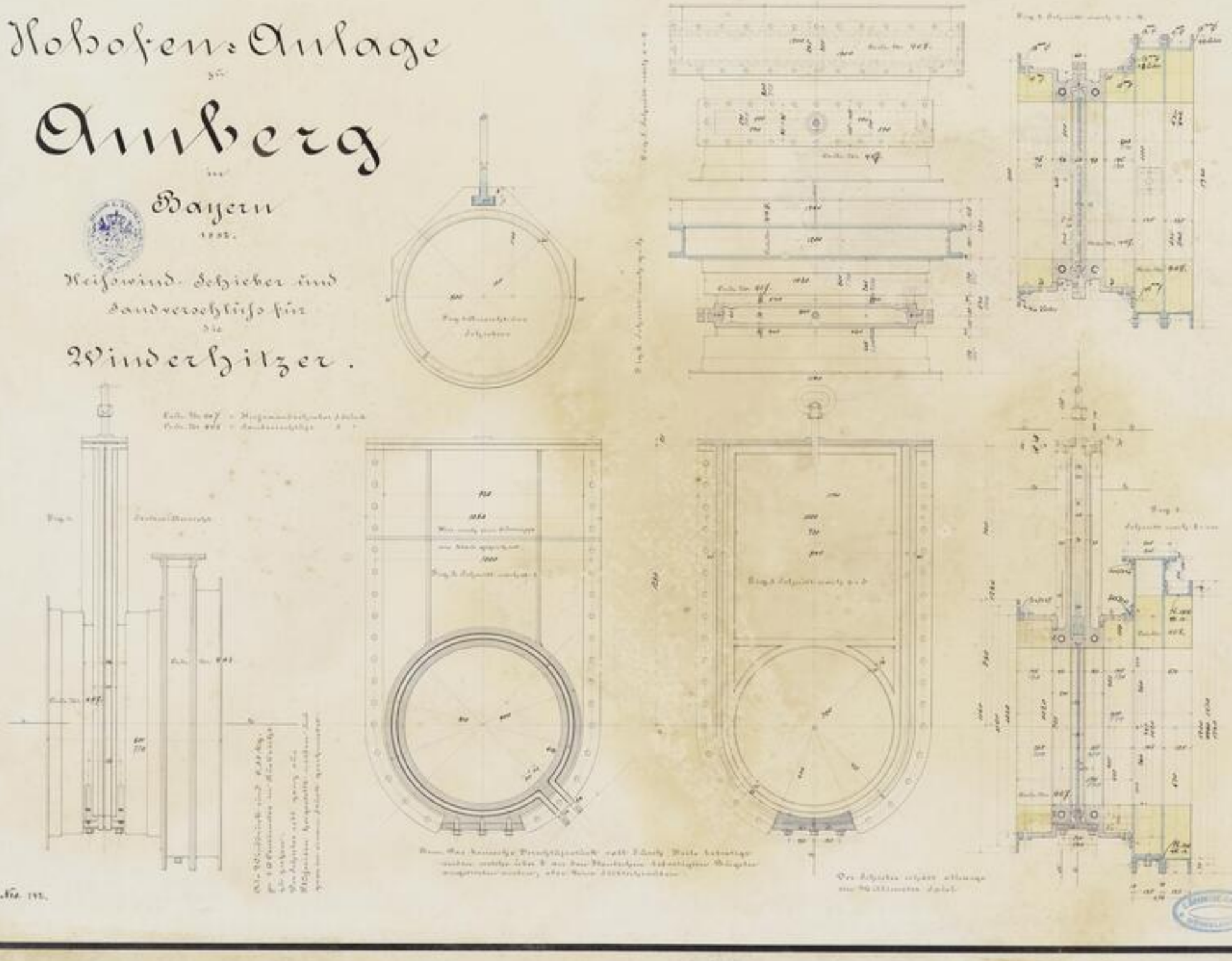
im

Bayern

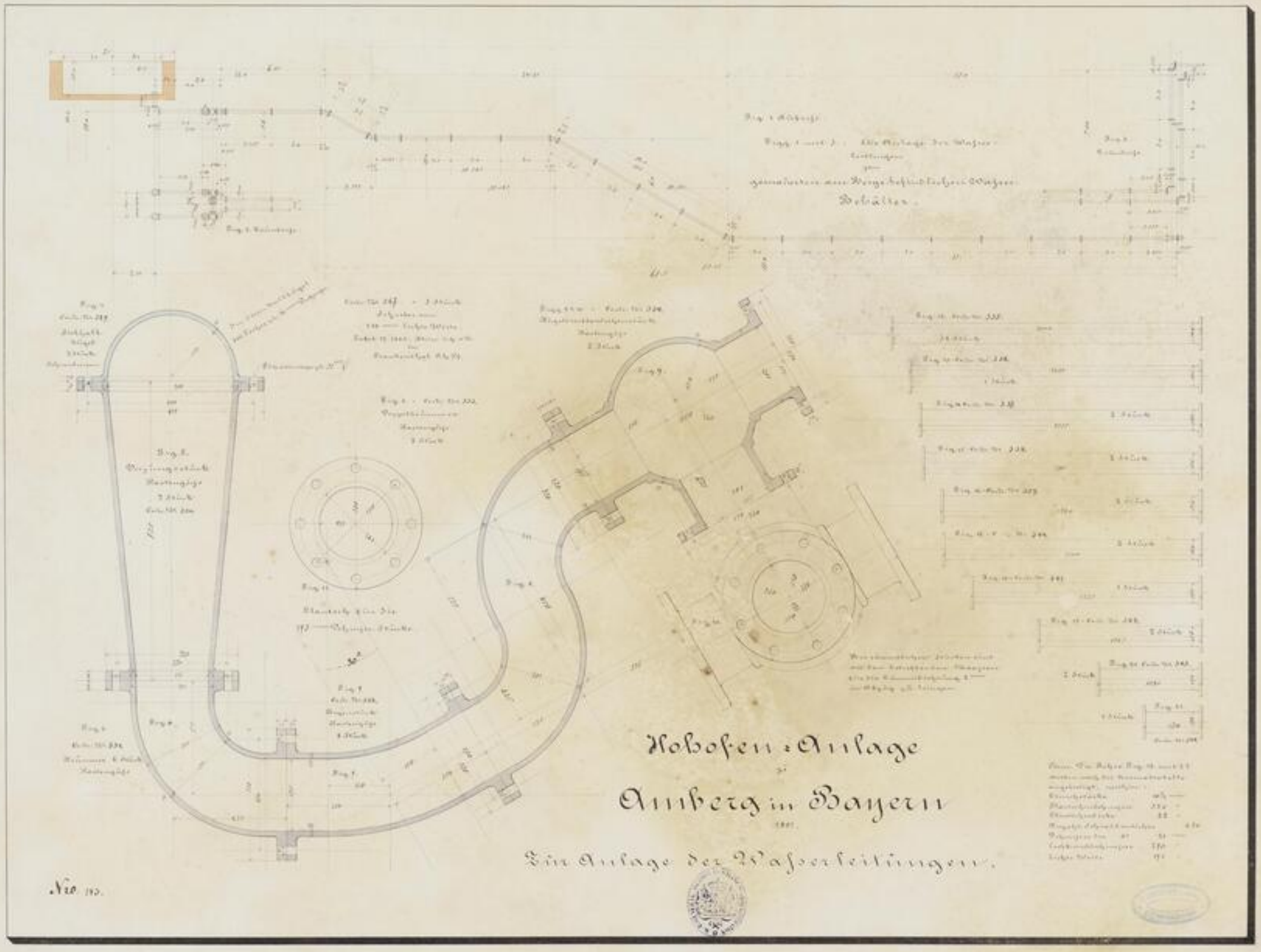
1882.

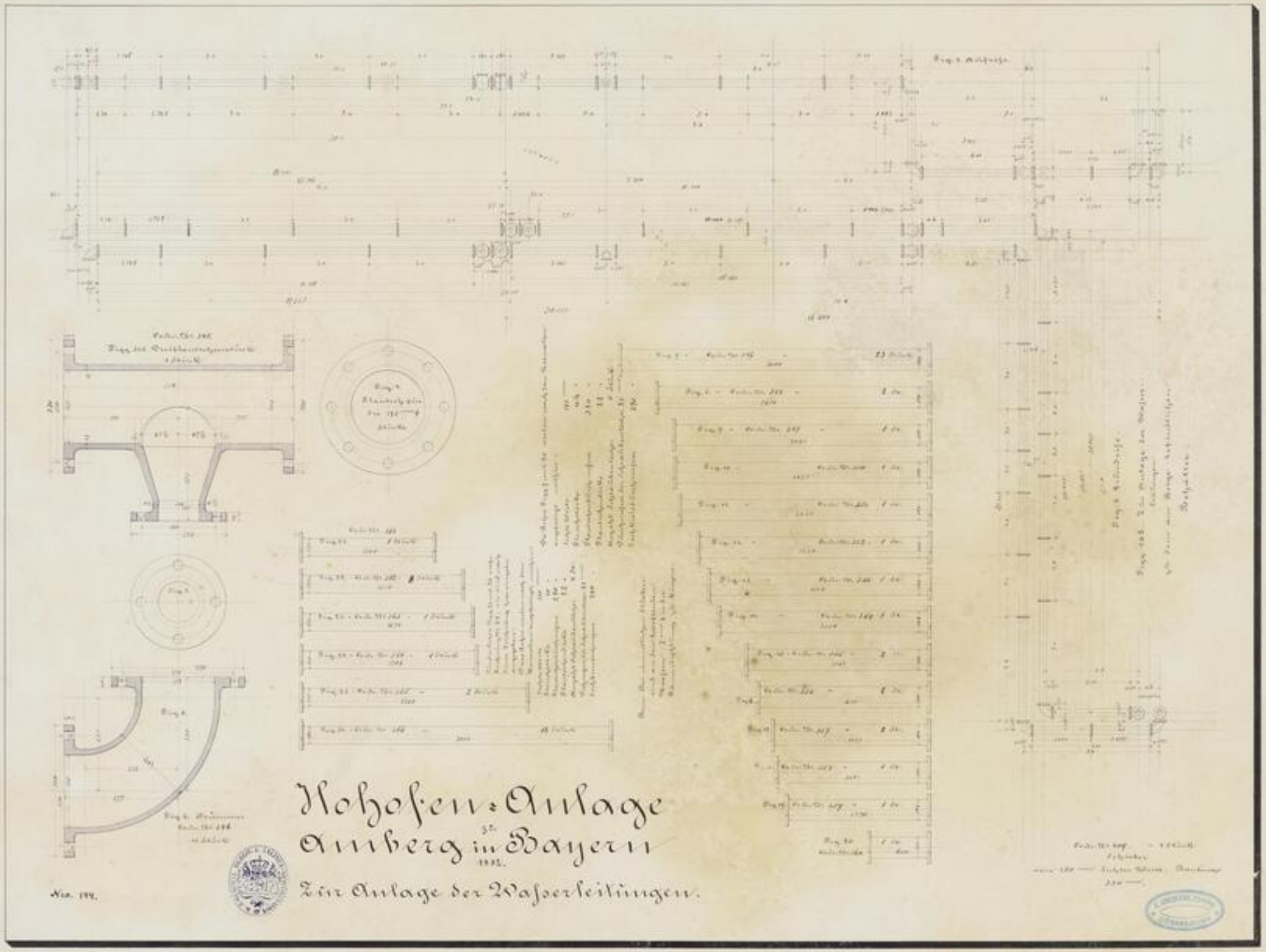
Heißwind-Schieber und Sandverschlüsse für die

Winderhitzer.



Nro. 193.





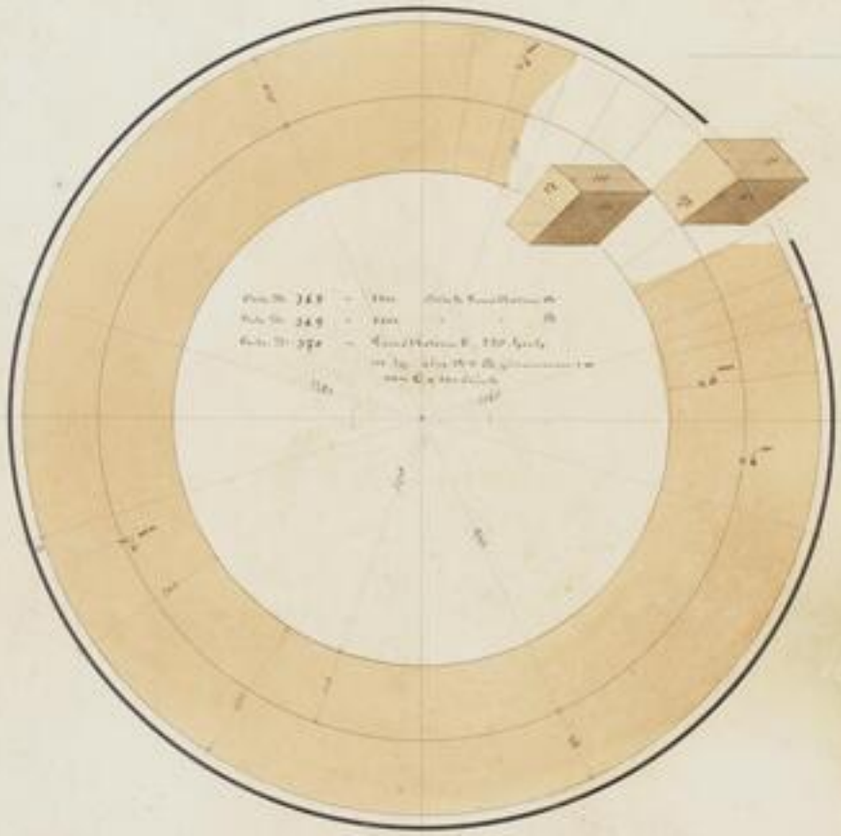


Fig. 1. Grundriß für die Hohofen-Stellung

Hohofen-Anlage

zu

Amberg

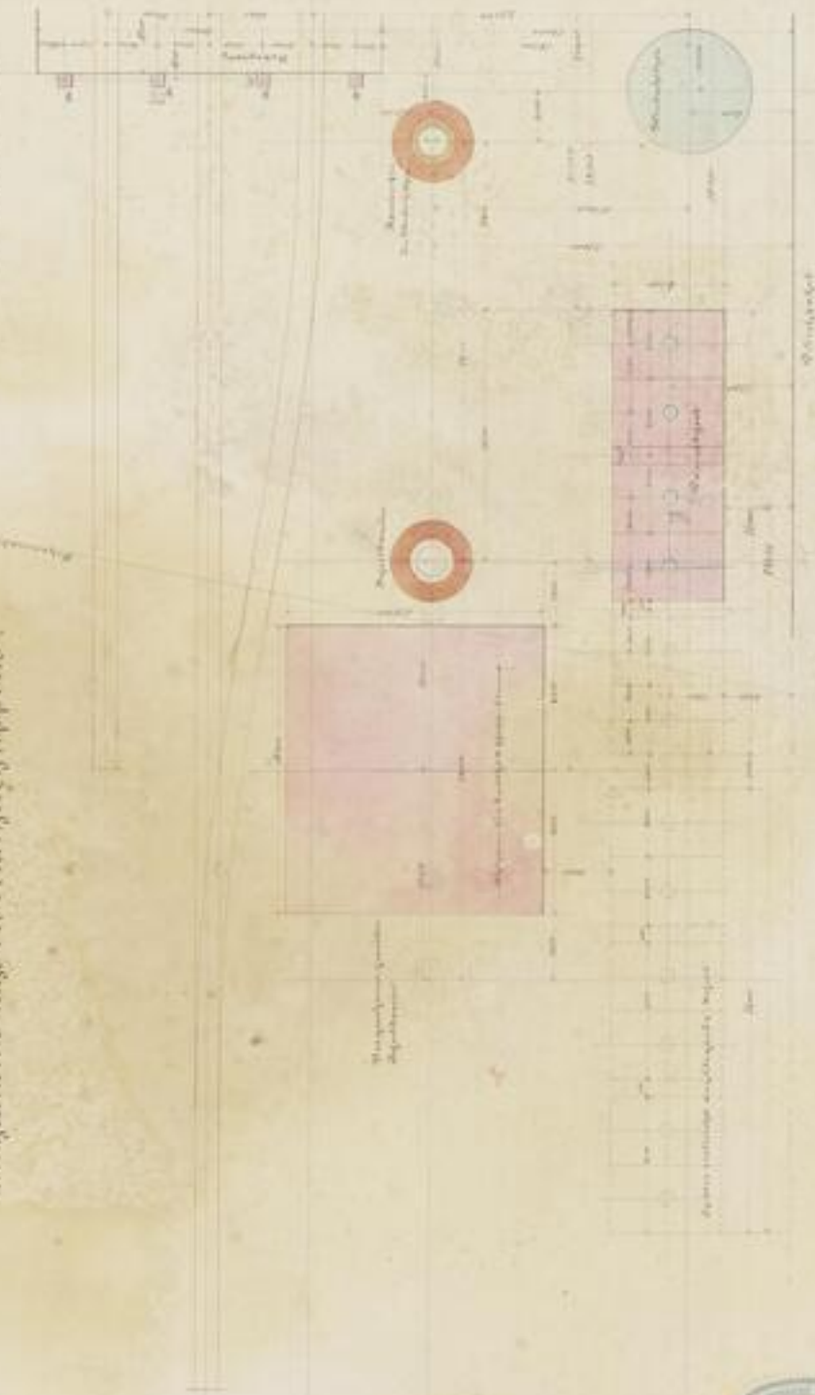
in

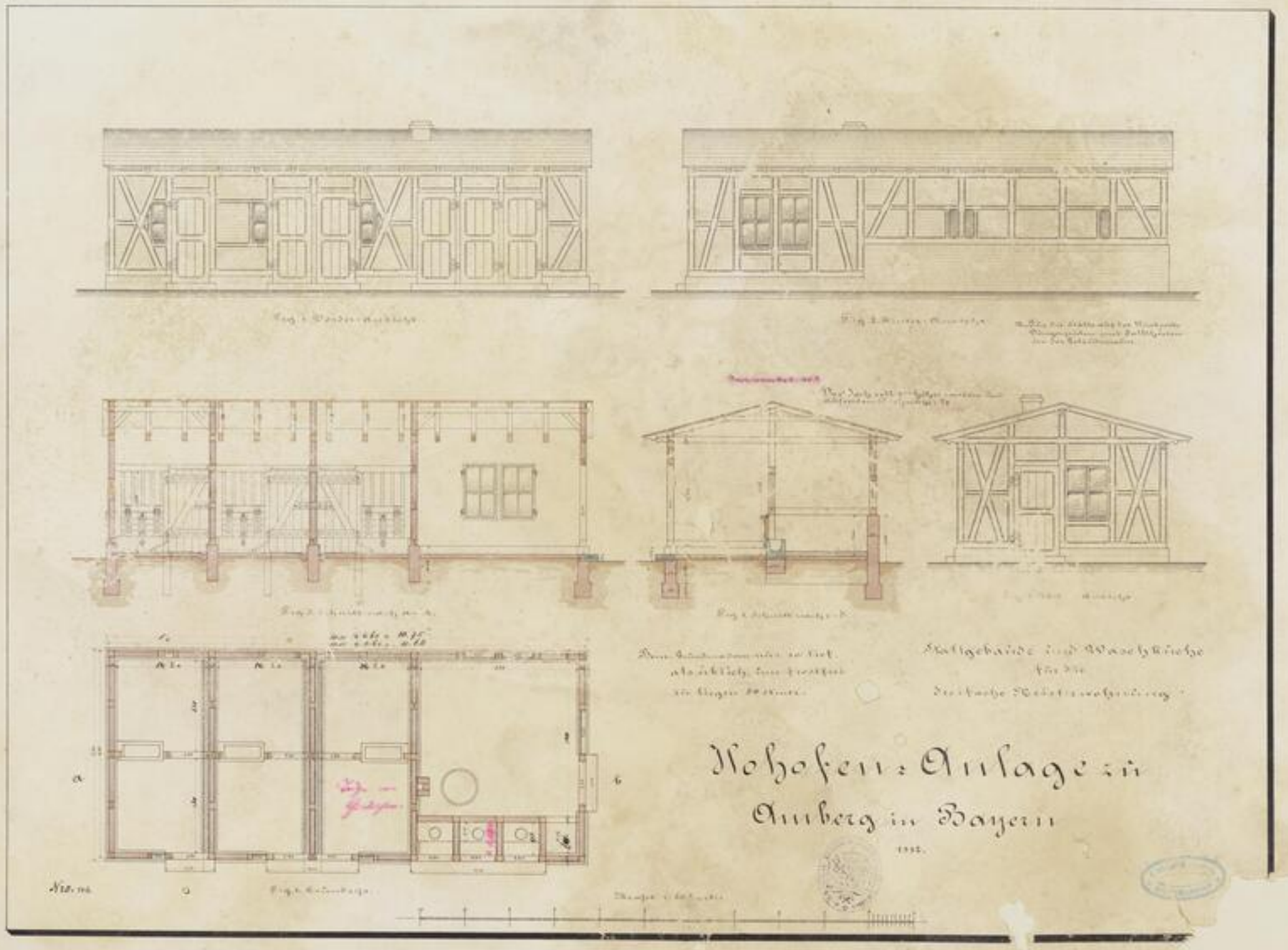
Bayern

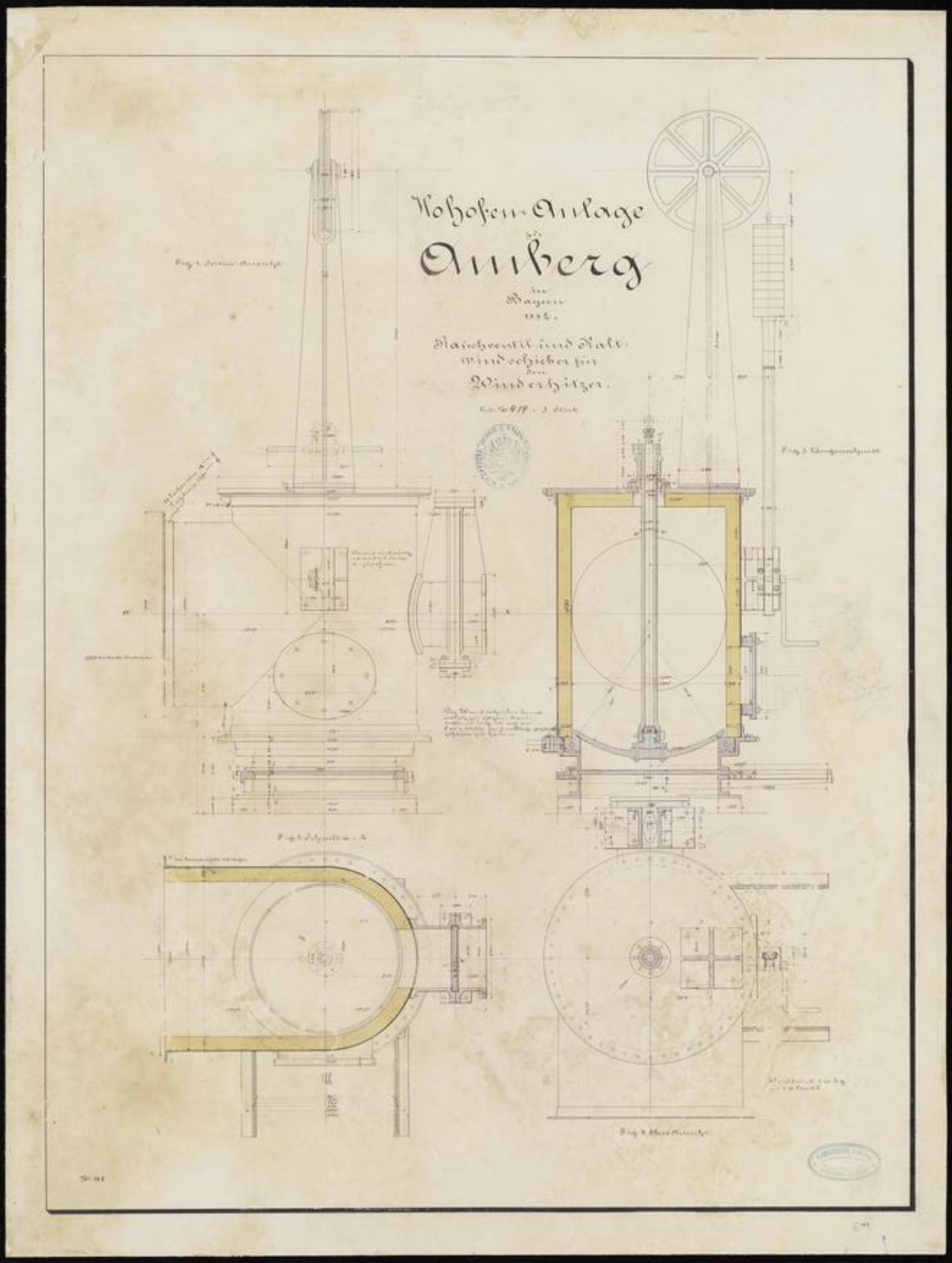
1856.

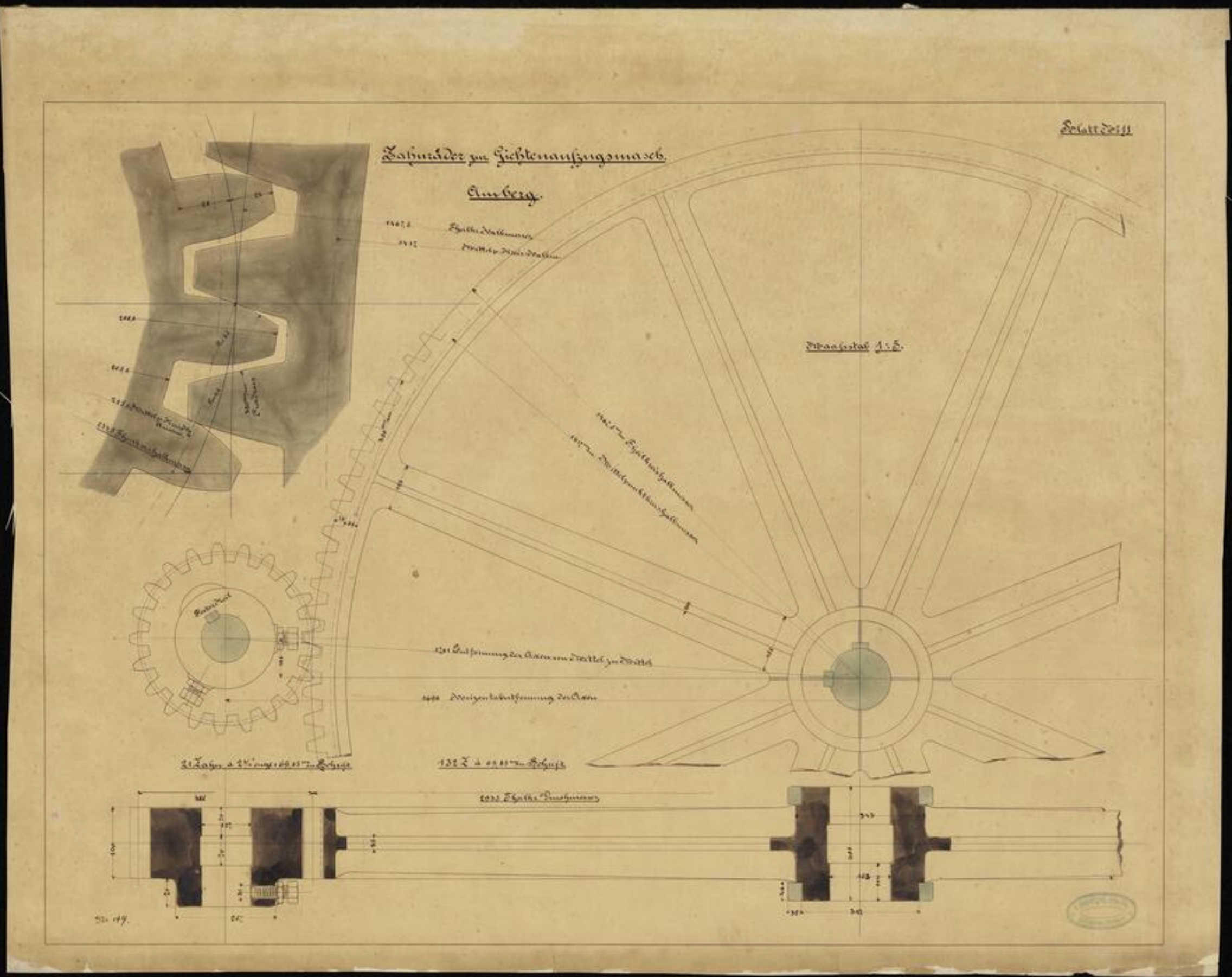
Maßstab 1:25.

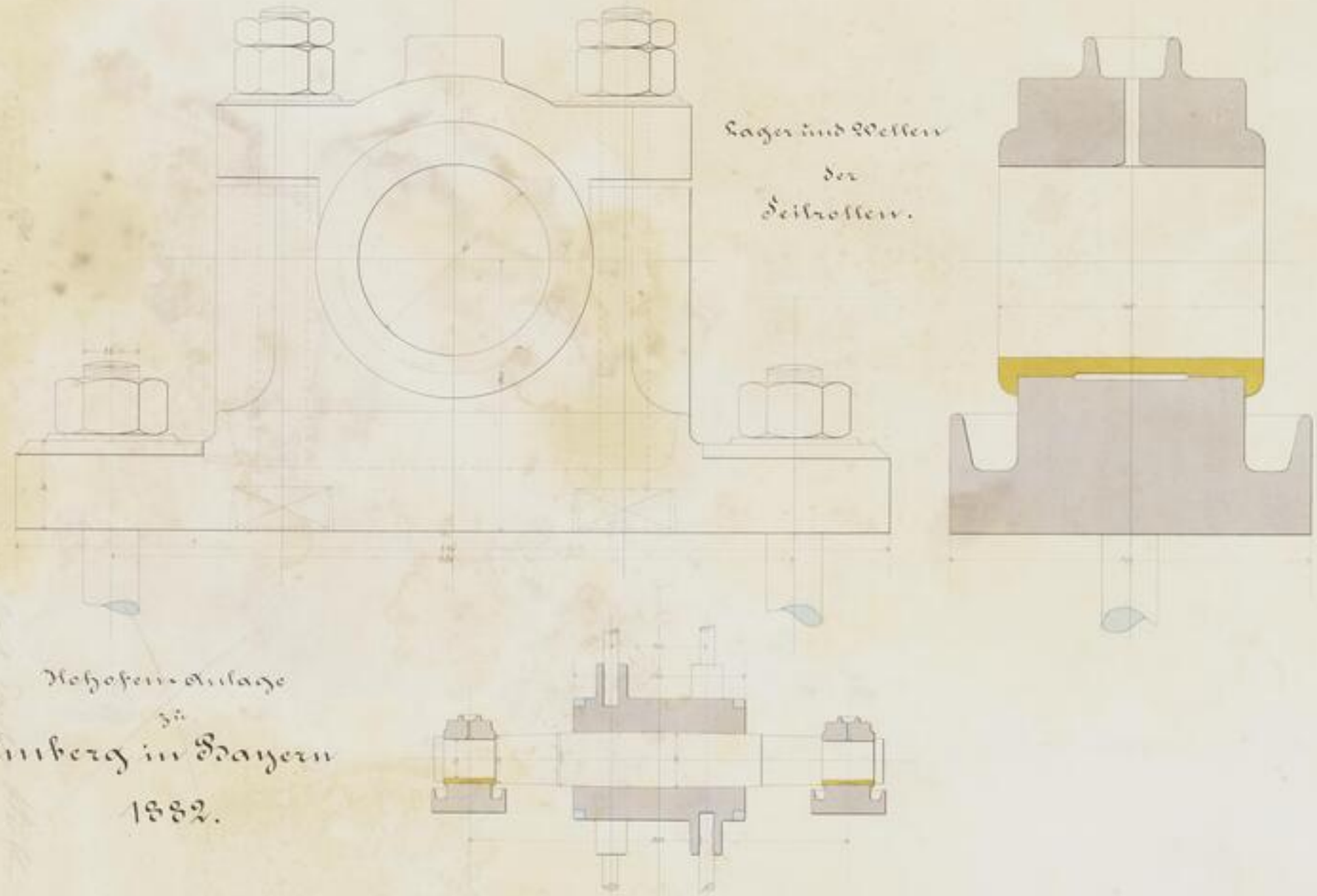
Vorgeschlagene Lage des Gebäudes.





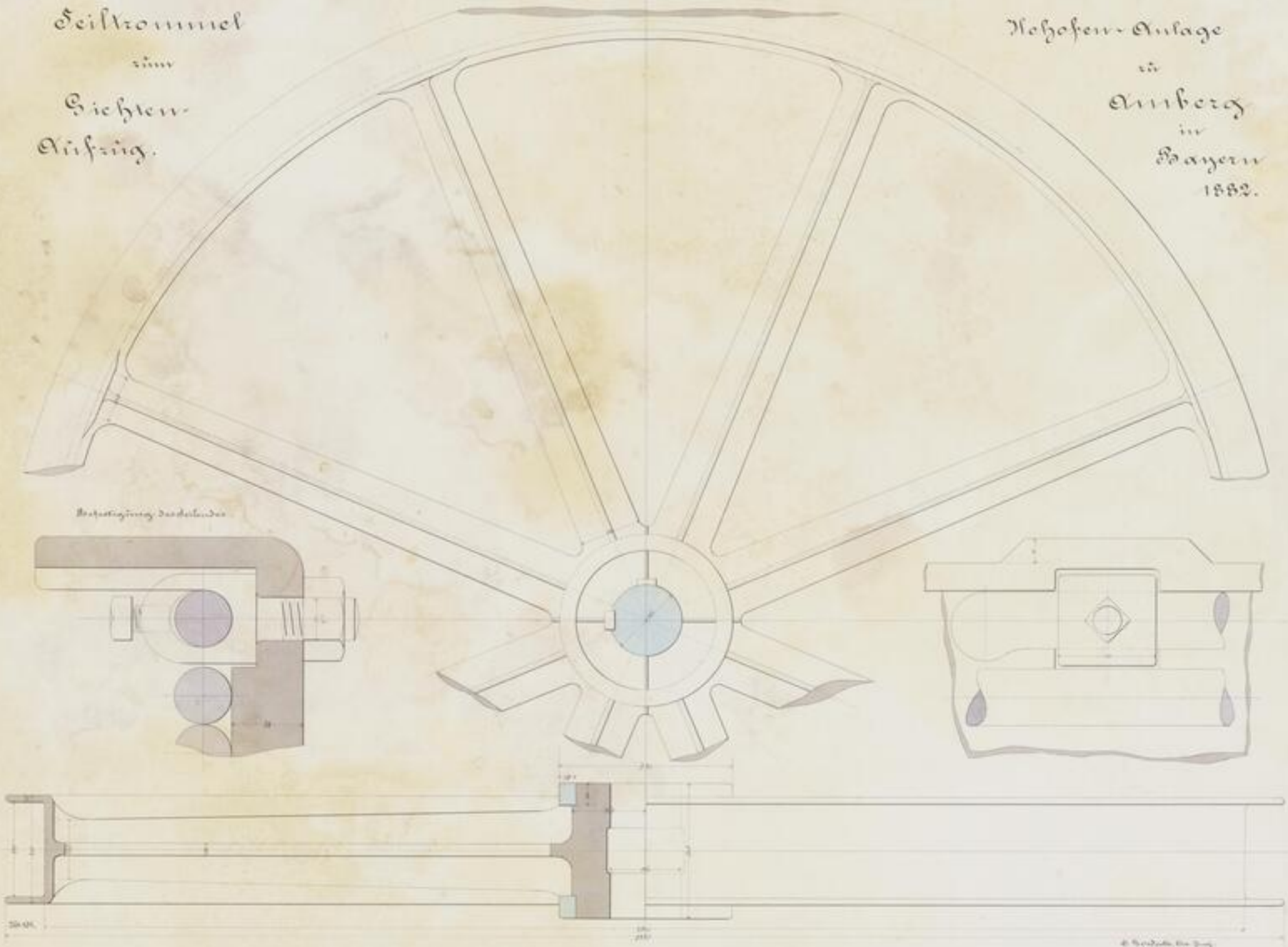


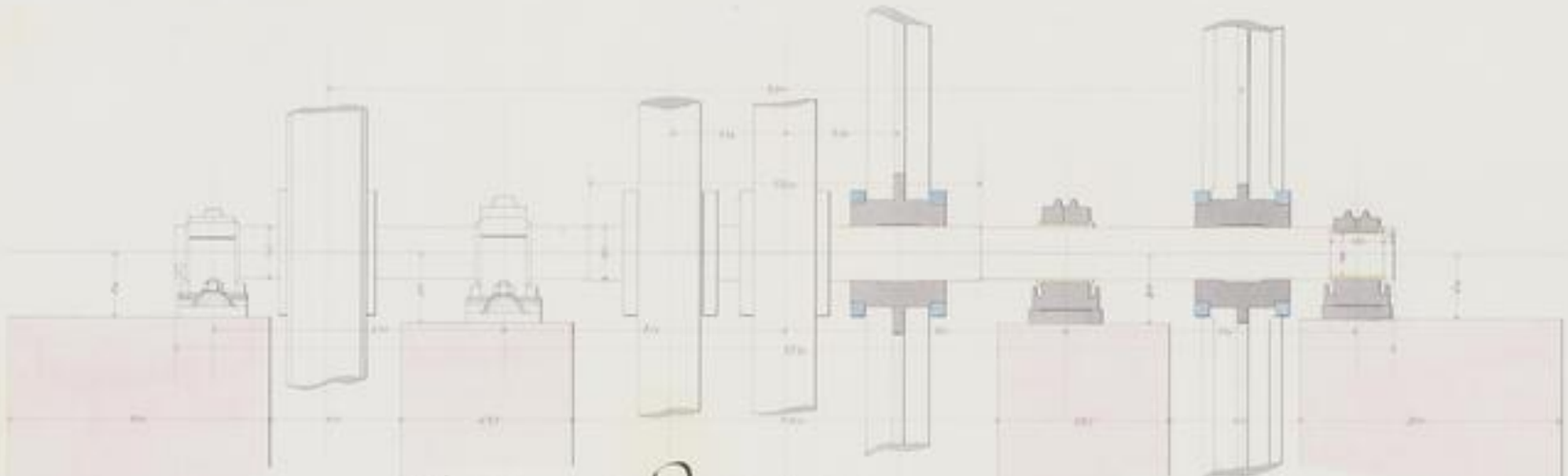




Seiltrommel
zum
Schachten-
Aufzug.

Hohofen-Anlage
zu
Amberg
in
Bayern
1882.





Axen & Lager

zur

Gichtenaufzugs-
Maschine.

Hohofen-Anlage

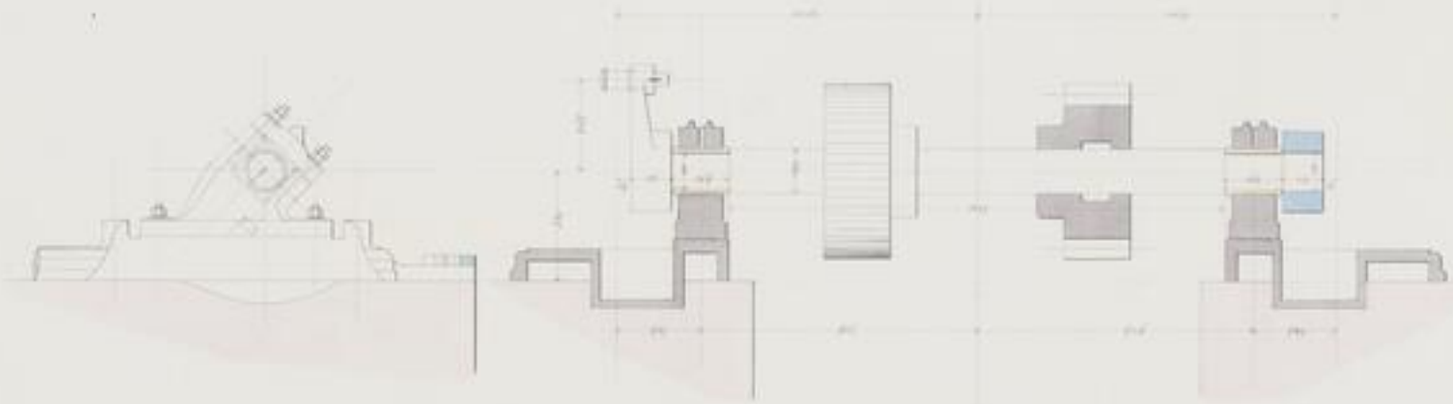
zu

Amberg

in

Bayern

1882.



Tafel 138.

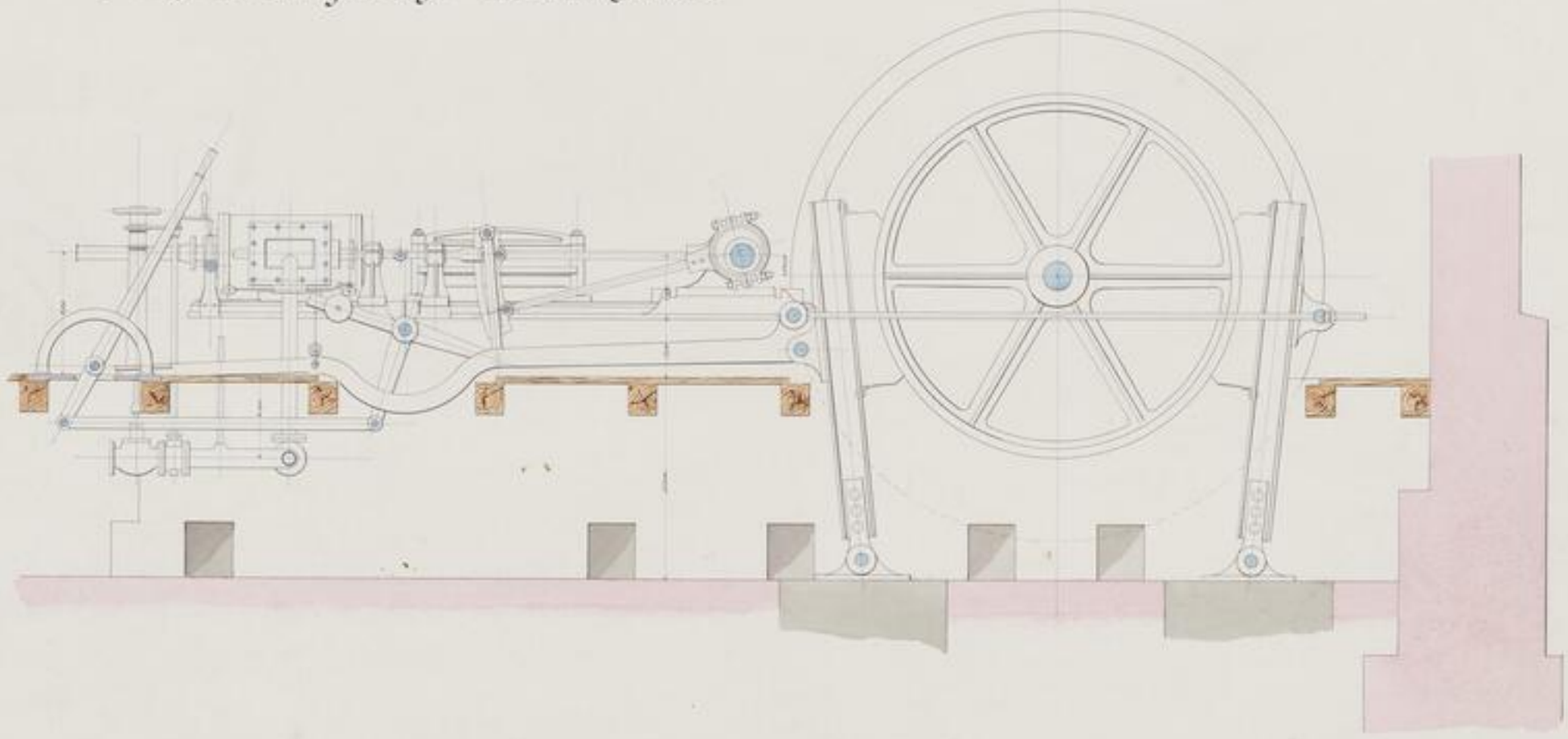
C. Gaudecker, Kgl. Bergrath
Freiberg

Hohofen-Anlage zu Amberg

in Bayern

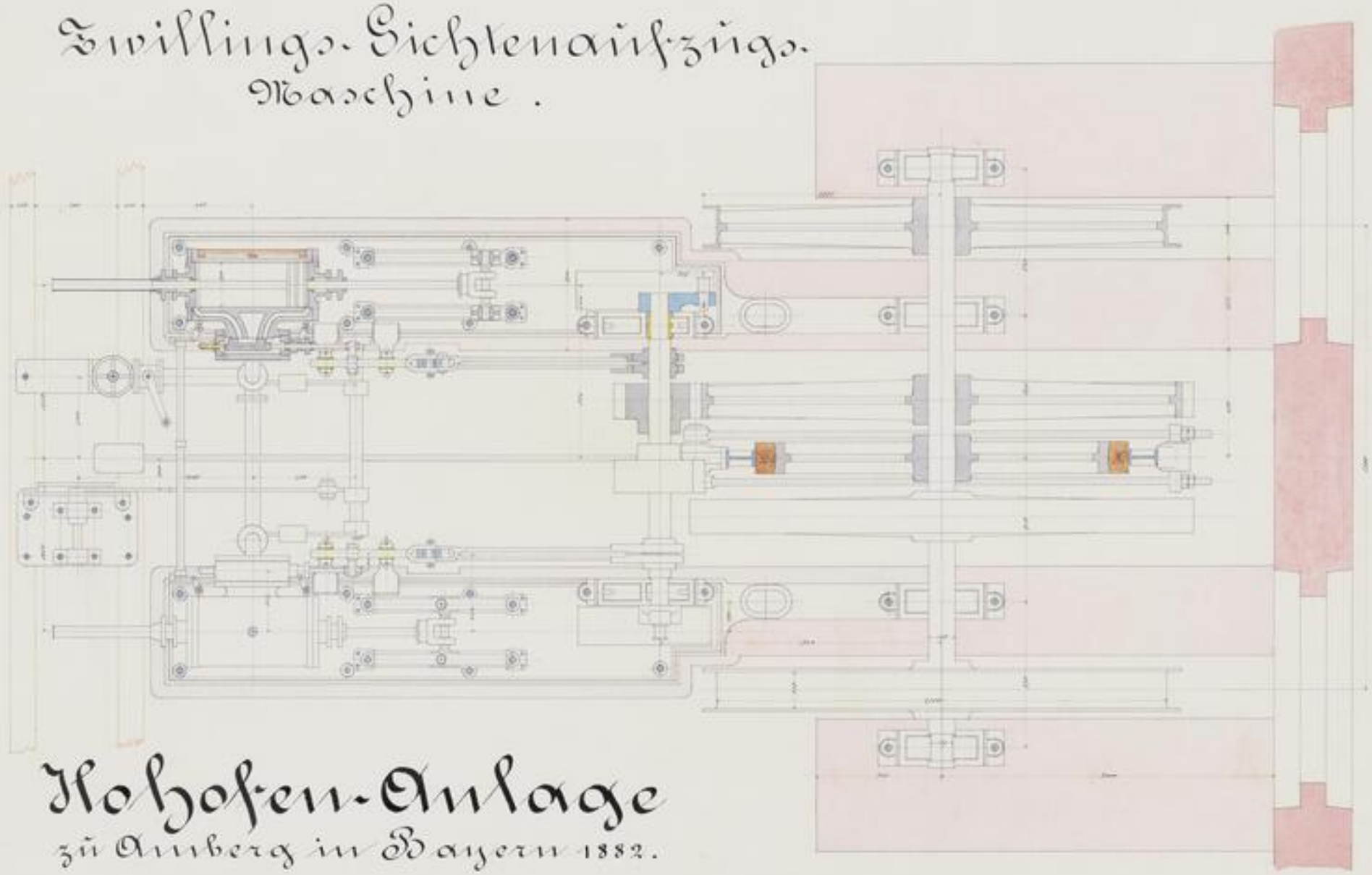
1882.

Zwillings-Gichtenaufzugs-Maschine.



No. 155.

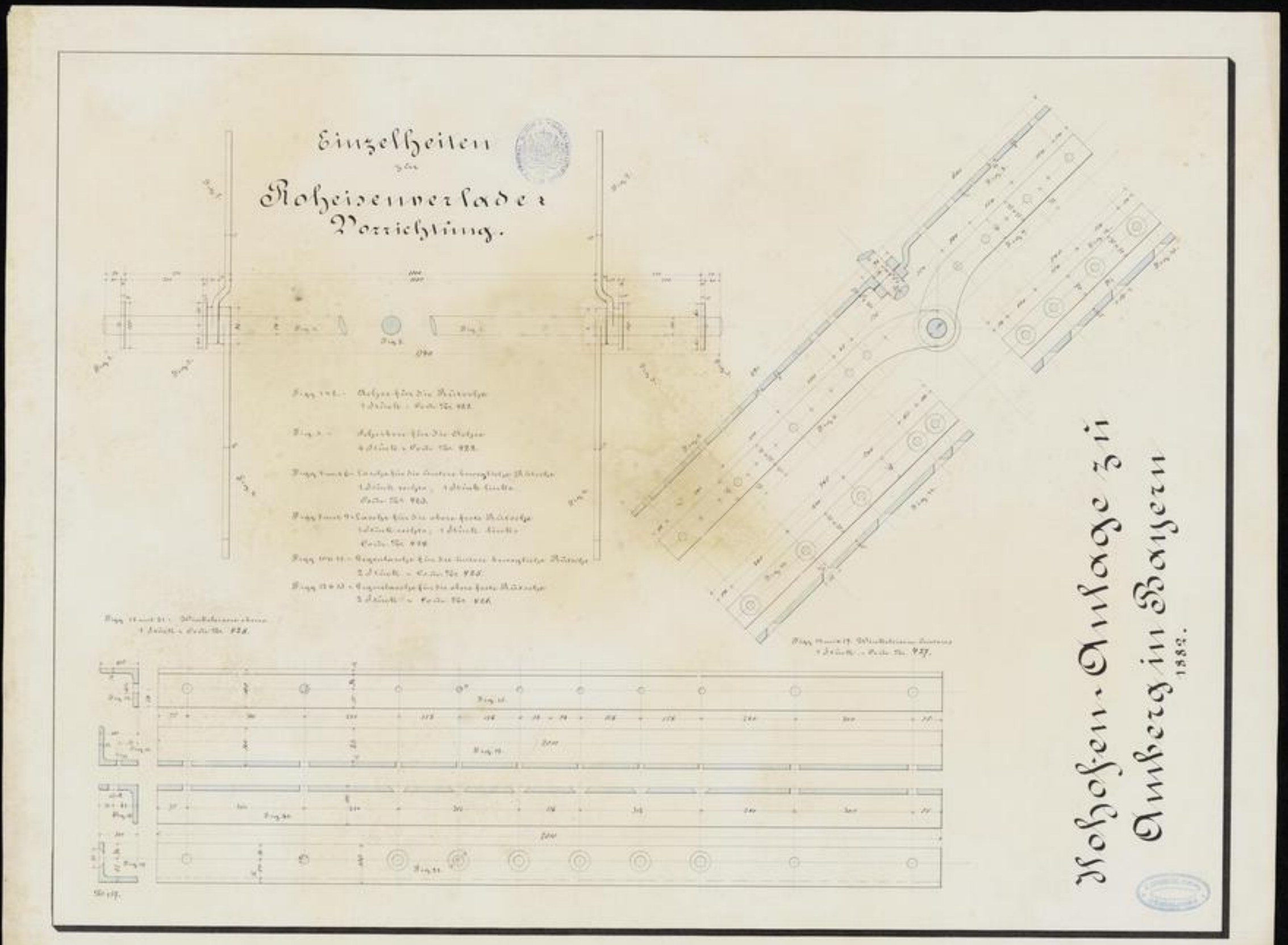
Zwillings-Gichtenaufzugs-Maschine.

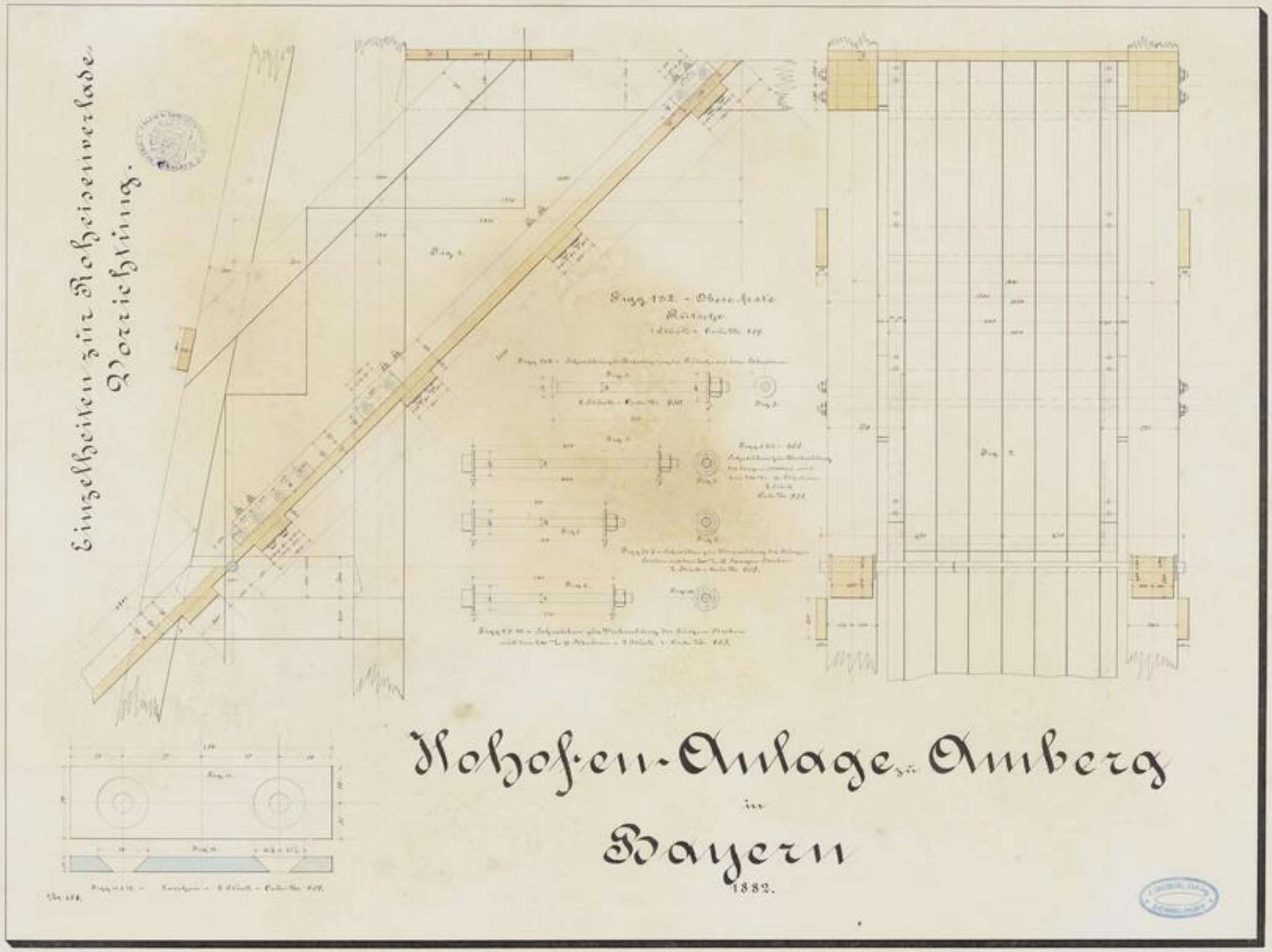


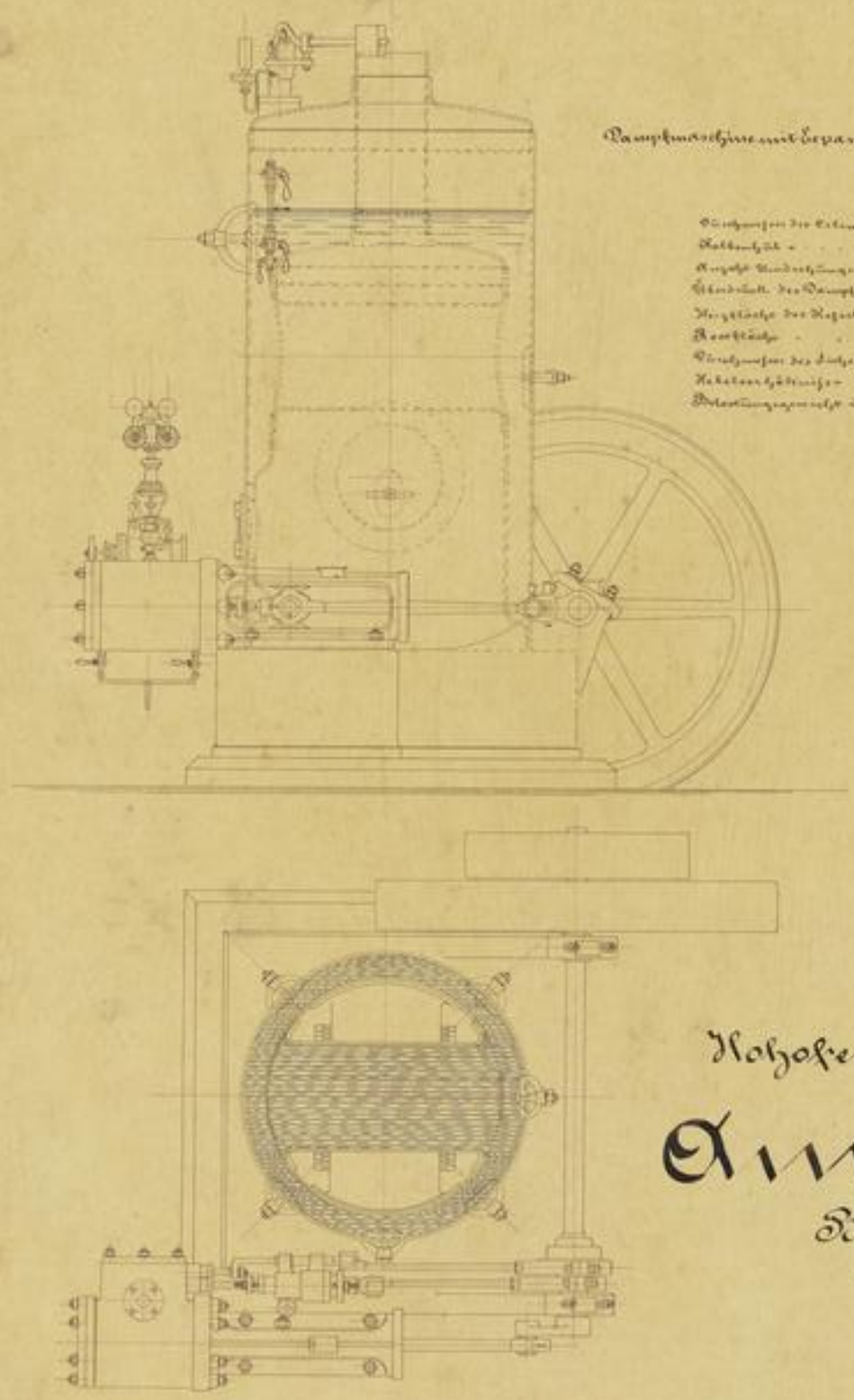
Hohofen-Anlage

zu Amberg in Bayern 1882.

Nr. 139.







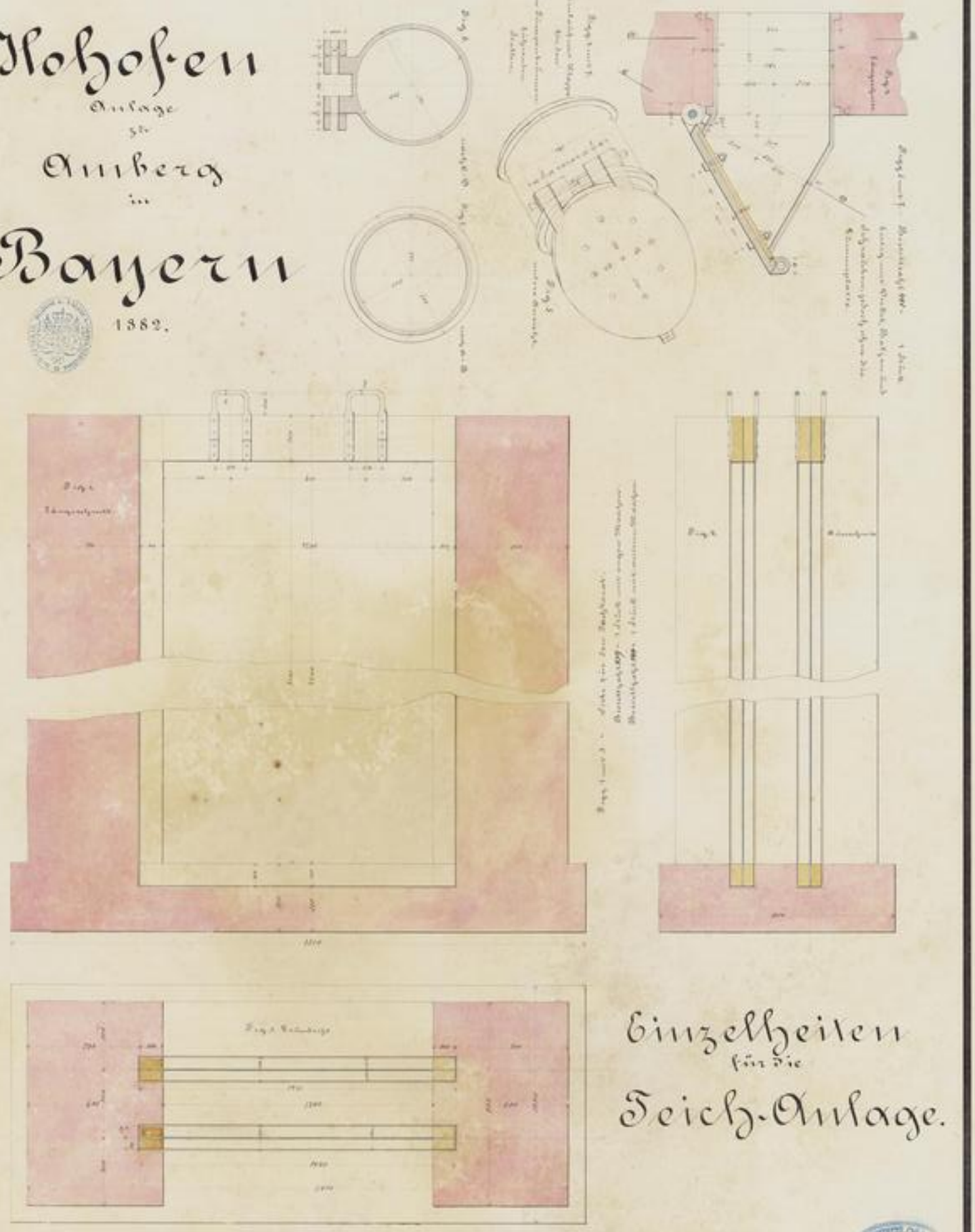
Dampfmaschine mit Expansion von 4 Schiebelädern.

Durchmesser des Cylinders =	165 Z.
Kolbenhub =	300 =
Anzahl Umdrehungen der Kurbelwelle per Minute =	120
Spannung des Dampfes im Kessel in Atmosphären =	6
Heizfläche des Kessels in Quadratmetern =	4,70
Rostfläche =	0,20
Durchmesser des Luftpumpenkolbens in Millimetern =	45
Kolbenquerschnitt : 69 : 996 =	1 : 8
Schwungradgewicht in Kilogrammen =	11,2

Hohofen-Anlage
zu
Amberg
in
Bayern
1882.

Nr. 159.

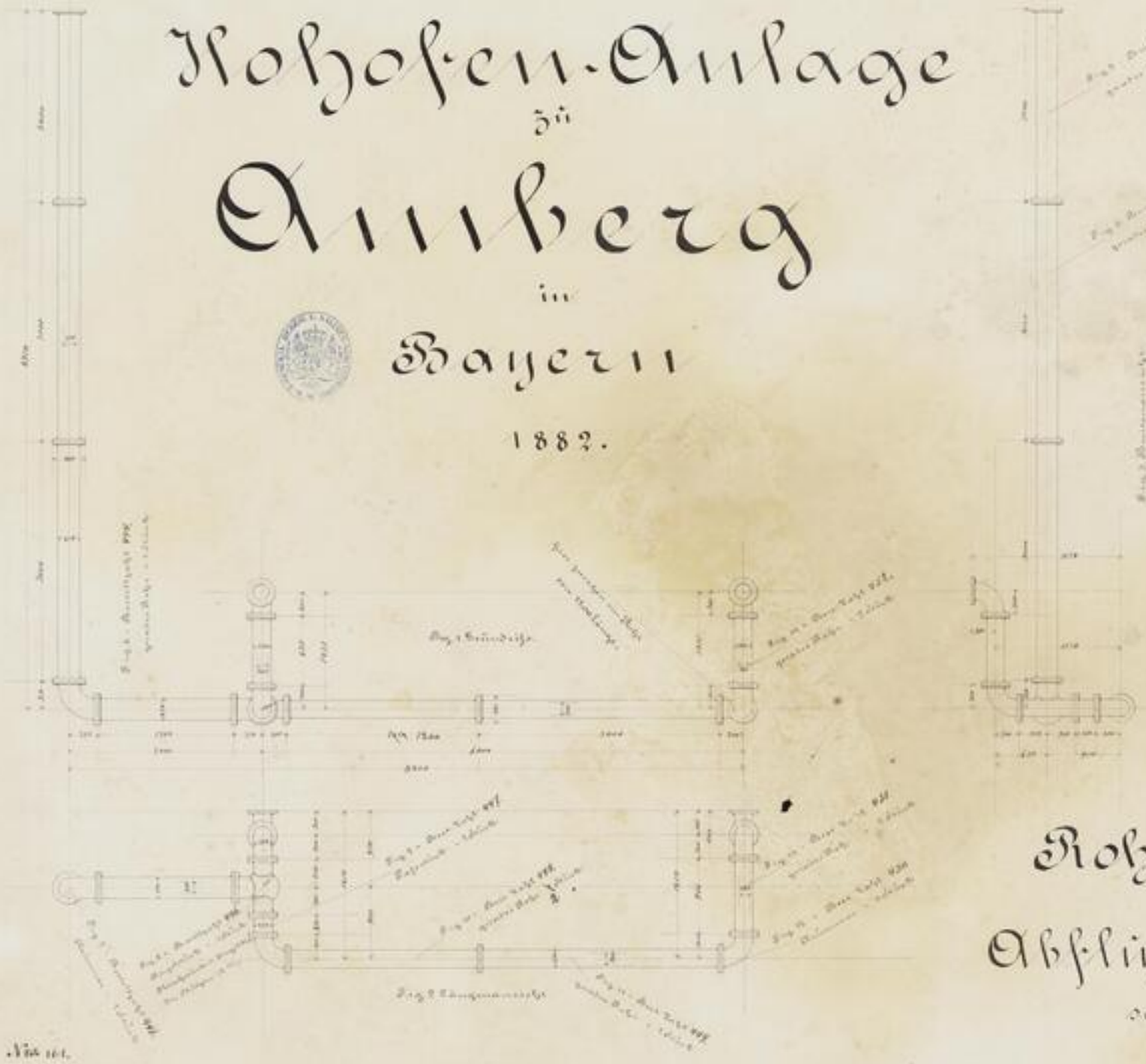
Hohofen
Anlage
zu
Amberg
in
Bayern
1882.



Einzelheiten
für die
Teich-Anlage.

Hohofen-Anlage
zu
Amberg
in
Bayern

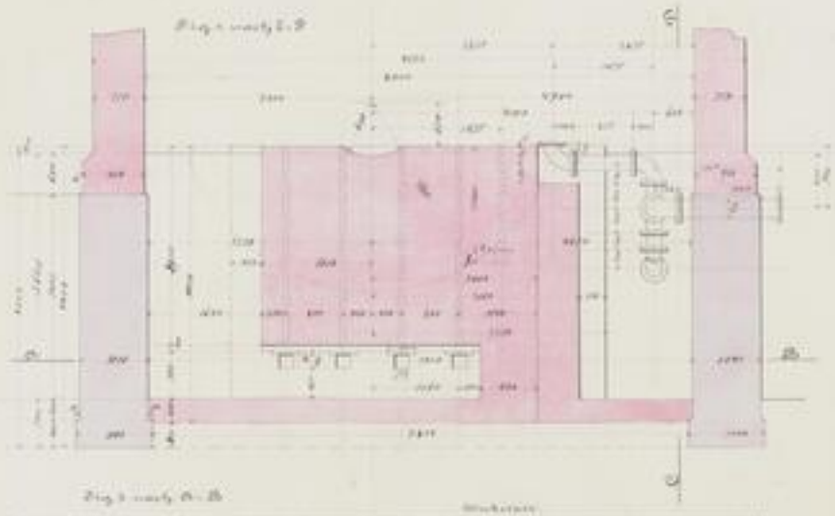
1882.

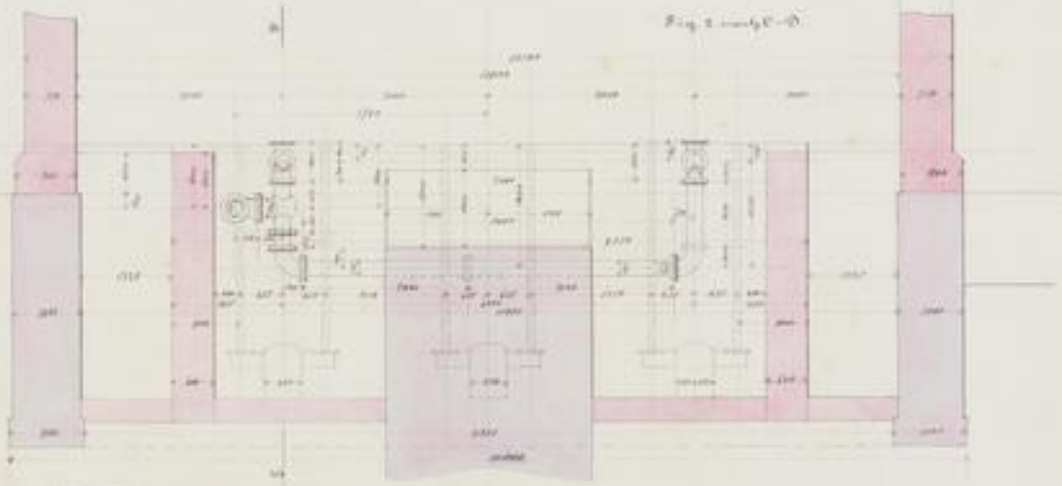


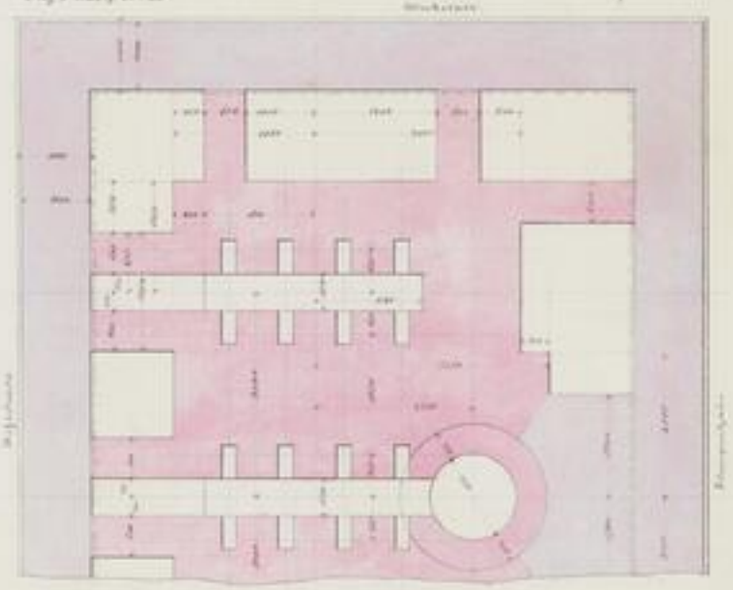
Die Rohre werden einschließlich der erforderlichen Schrauben geliefert.
Für Dimensionierung sind die Maaße entsprechend zu kürzen.

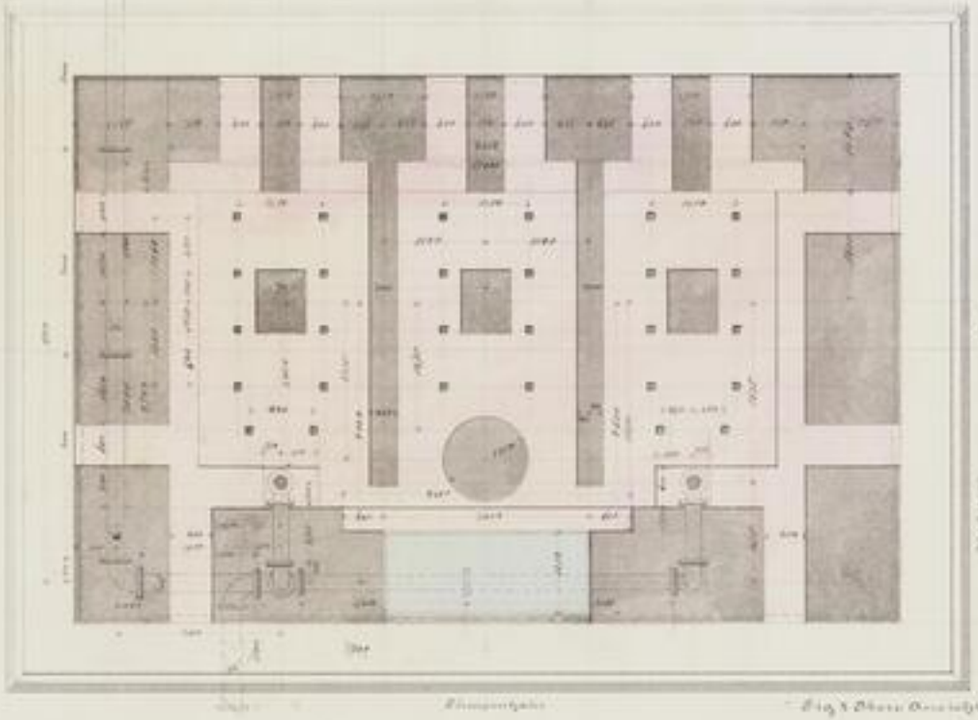
Rohrleitung
für den
Abfluß des Condensationswassers.

Nr. 101.









Hohofen-Anlage
zu
Amberg in Bayern
1882.

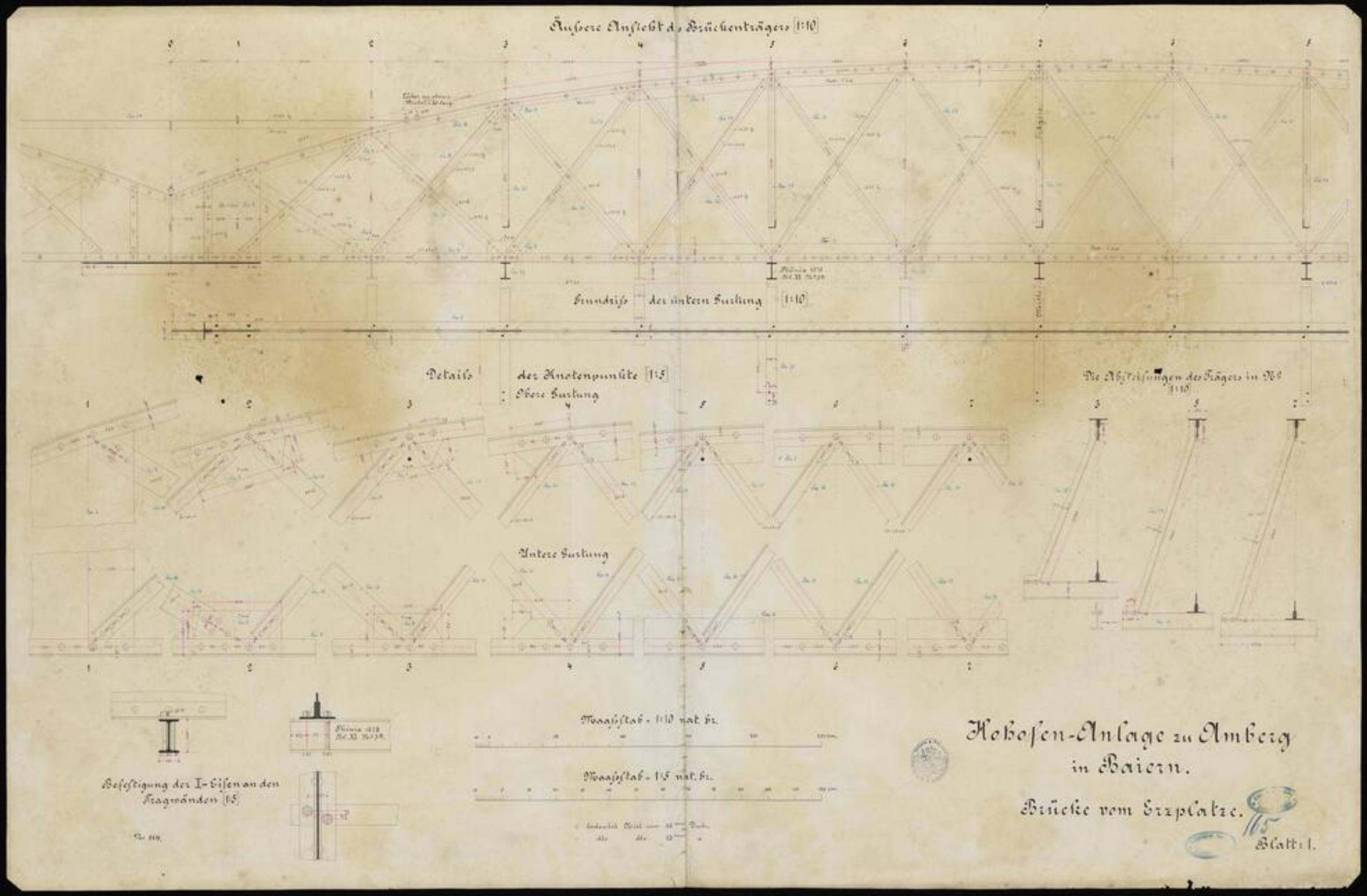
No. 102.

Grundmauerwerk und Condensations-
Wasserableitung der
Gebläsemaschine.

163.

Abgeändertes Hütten-Geschäfts-Haus.

Hohofen-Anlage zu Amberg in Bayern 1882.

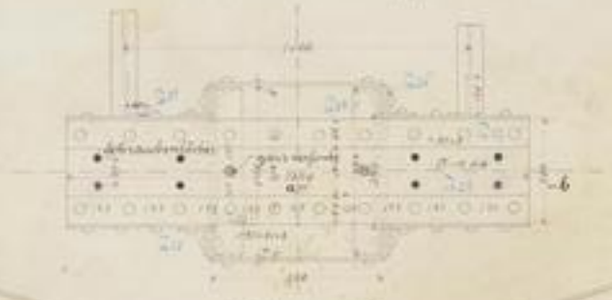


Hohofen Anlage zu Amberg in Baiern.

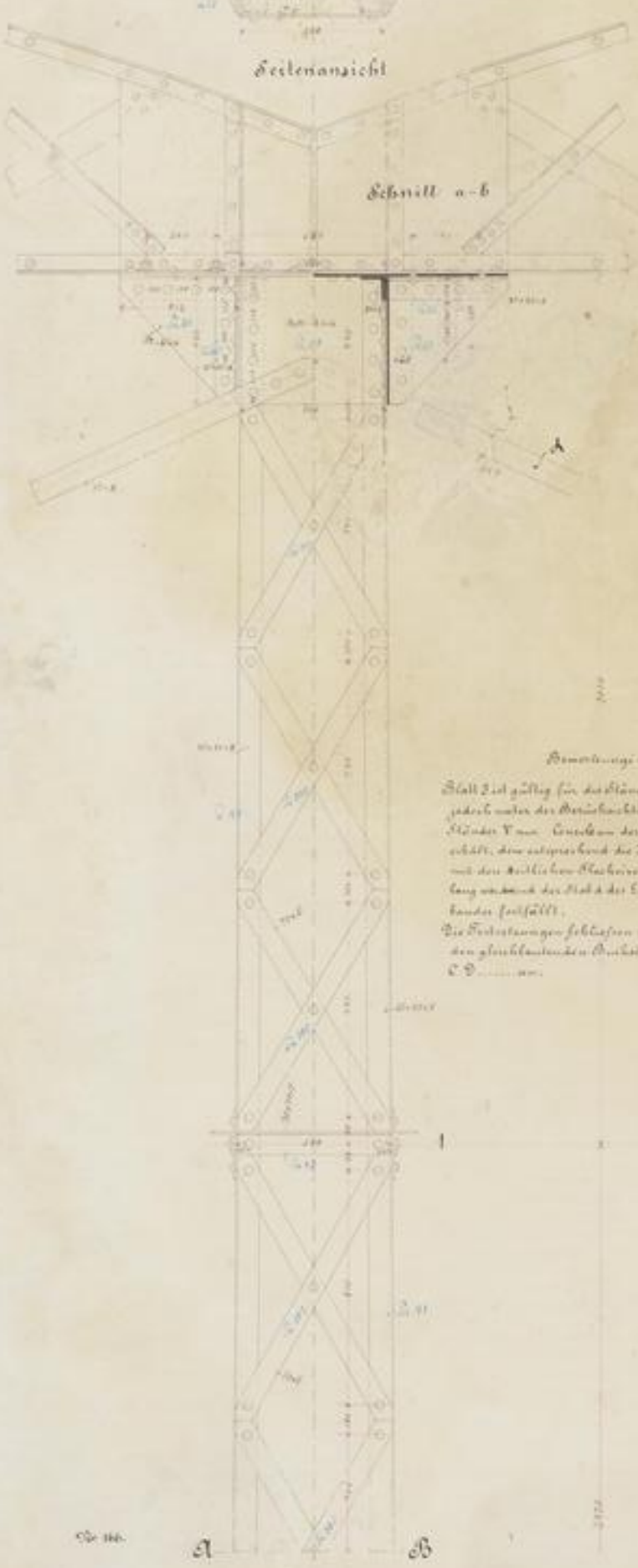
Die Ständer der Erzbrücke.

Maaßstab = 1:10.

Obere Ansicht des Kopfes.

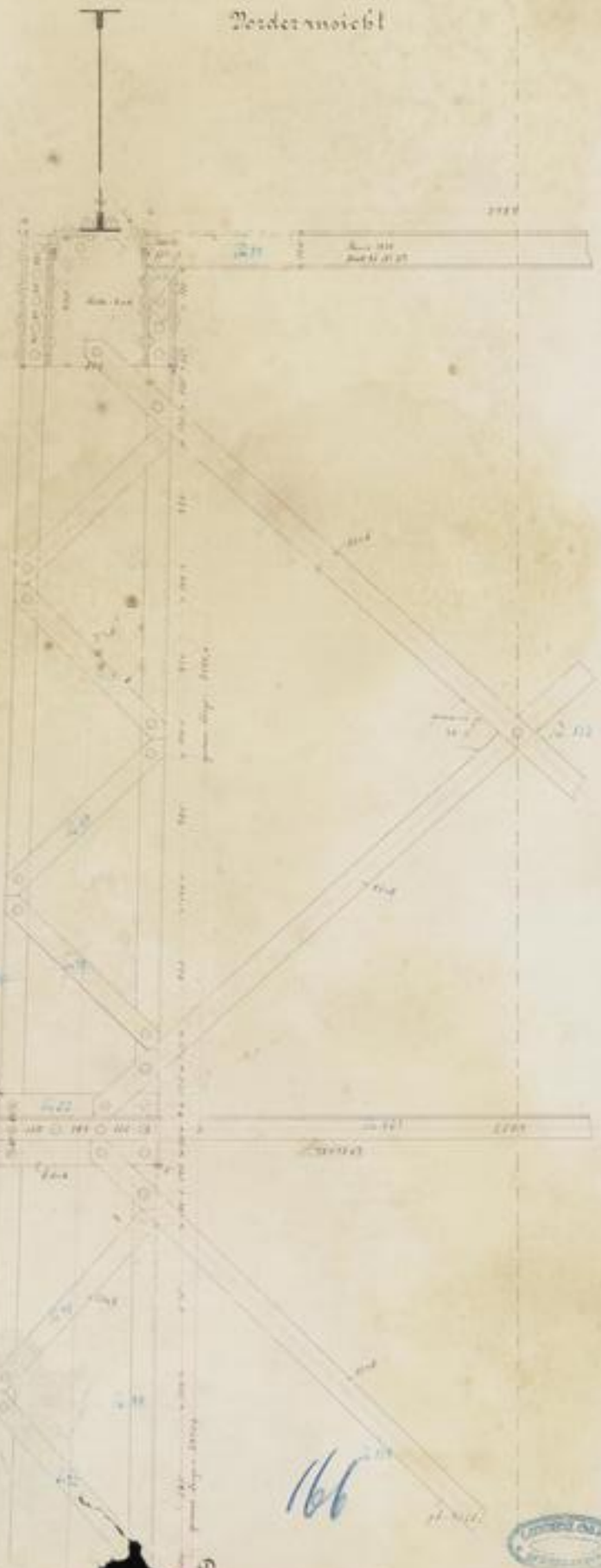


Seitenansicht



Schnitt a-b

Vorderansicht



Bemerkungen:

Blatt 2 ist gültig für die Ständer I bis V, jedoch unter der Berücksichtigung, daß Ständer V nur Einschnitte der Inhalten hat, dem entsprechend die Kopfplatten und die seitlichen Blechreihen nur 330 lang und auch der Stab d der Längenverbander fortfällt.

Die Fundamentanzeigen schließen sich genau den gleichlautenden Buchstaben A B C D ..... an.

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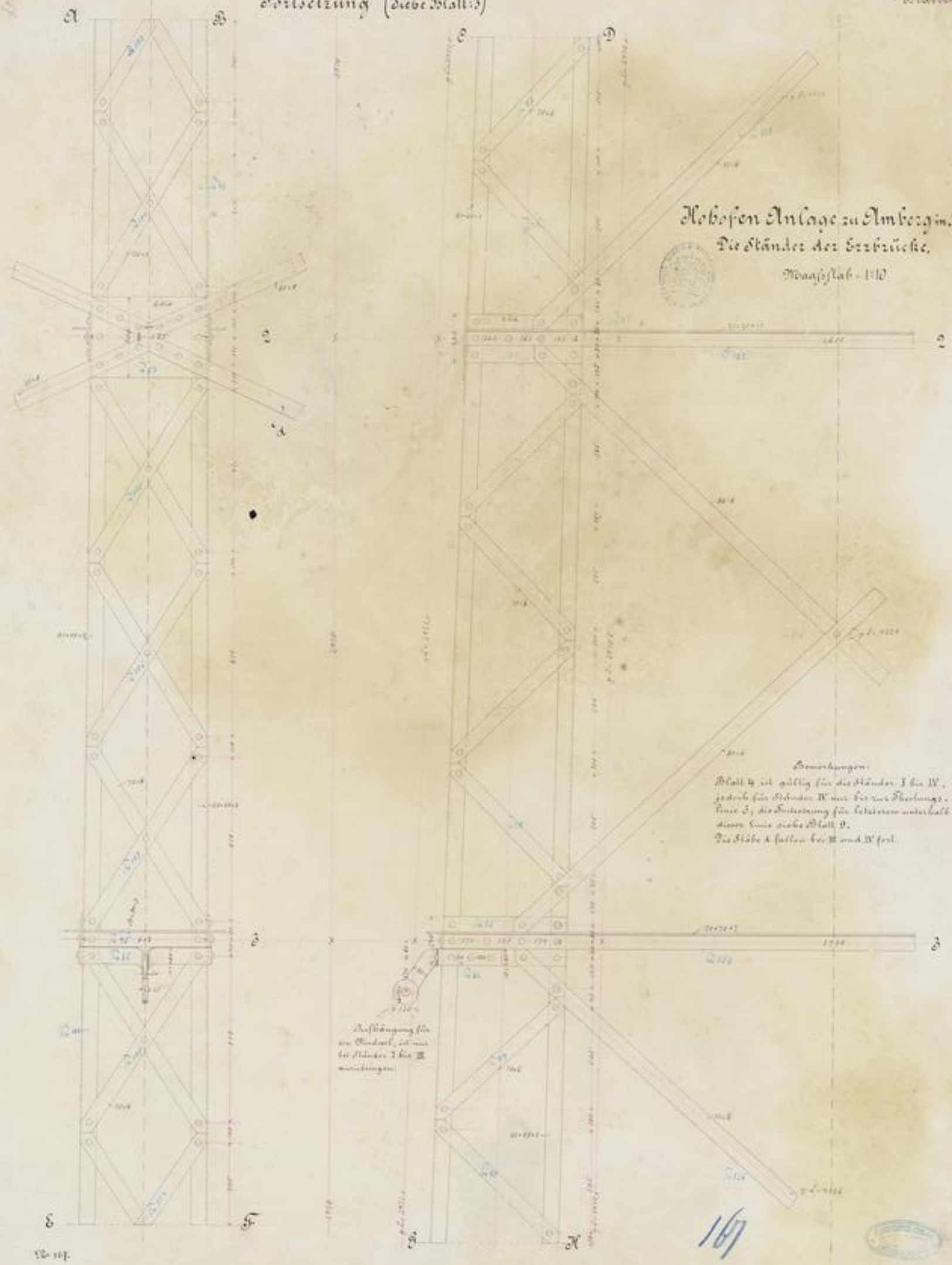
Fortsetzung (siehe Blatt 3)

Blatt 4



Hohofen Anlage zu Amberg im Böhmen
Die Ständer der Erzbrücke.

Maaßstab = 1:10

Bemerkungen:
Blatt 4 ist gültig für die Ständer I bis IV, jedoch für Ständer IV nur bis zur Flurlungs-Linie 3; die Fortsetzung für letzteren unterhalb dieser Linie siehe Blatt 9.
Die Stäbe k fallen bei III und IV fort.

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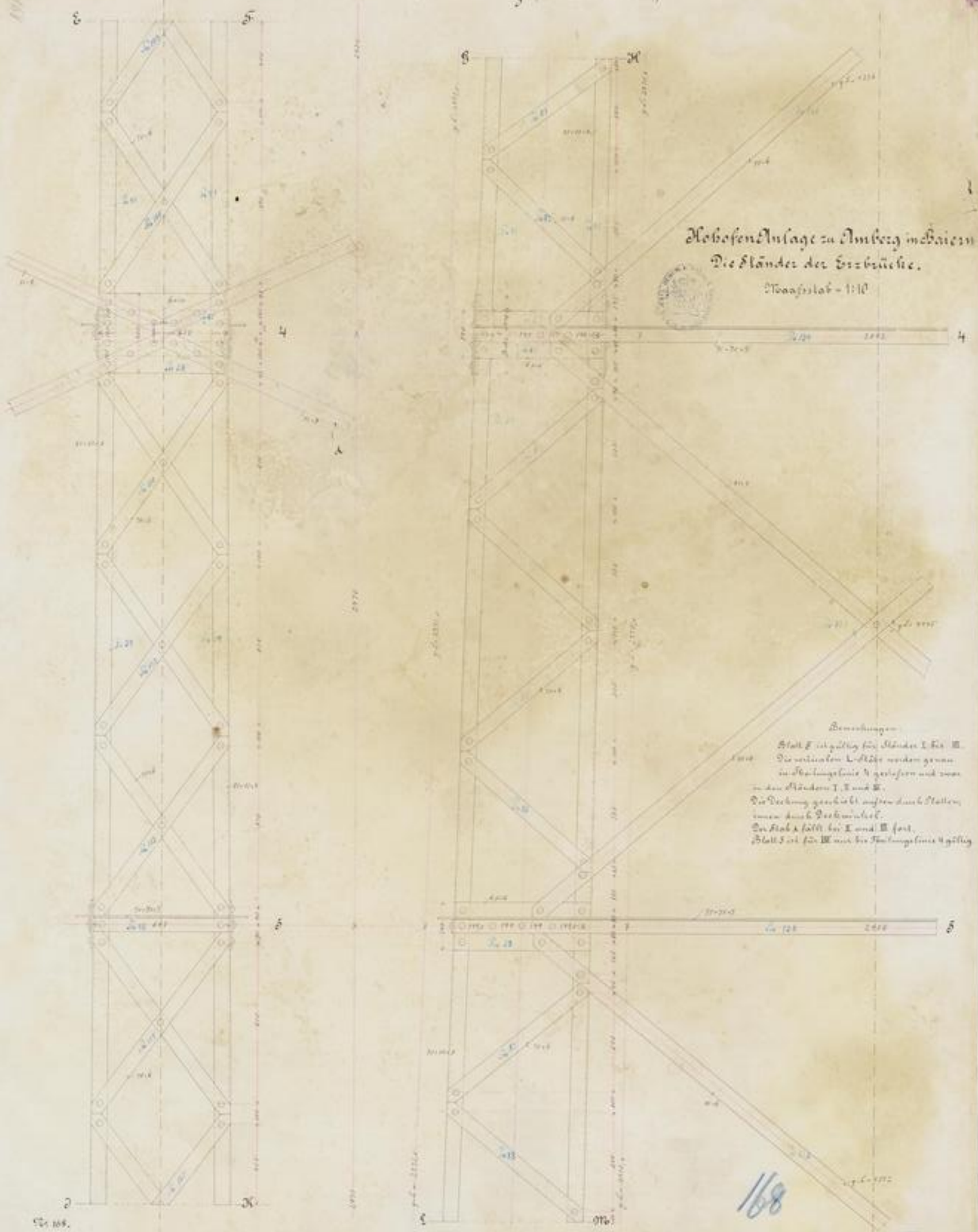
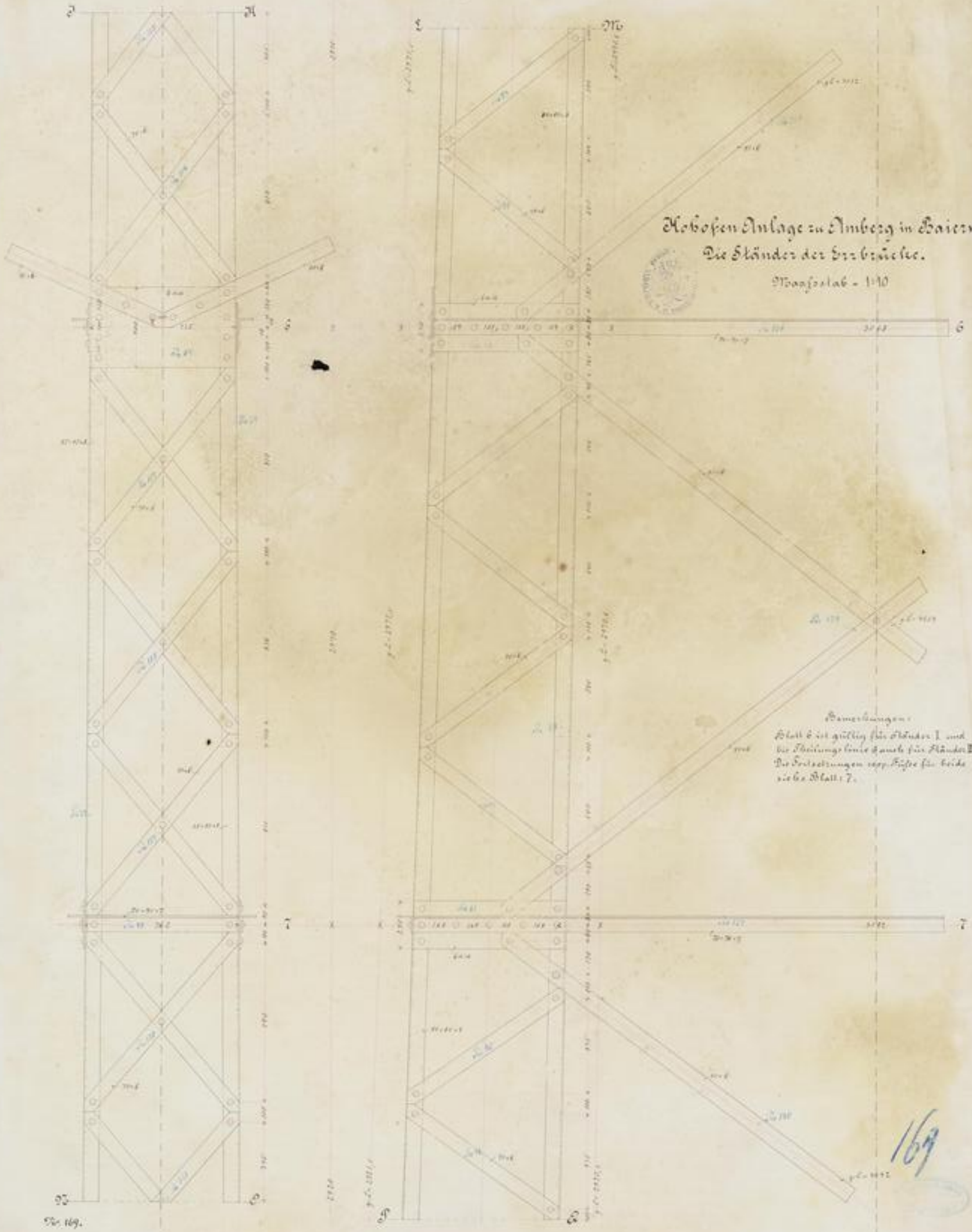
Fortsetzung (Siehe Blatt 4.)



Blatt 6.

Fortsetzung (siehe Blatt 5)



Hohofen Anlage zu Amberg in Baiern
Die Ständer der Windbrücke.

Maaßstab = 1:40

Bemerkungen:
Blatt 6 ist gültig für Ständer I. und die Theilungslinie 4 auch für Ständer II. Die Fortsetzungen resp. Fuße für beide siehe Blatt 7.

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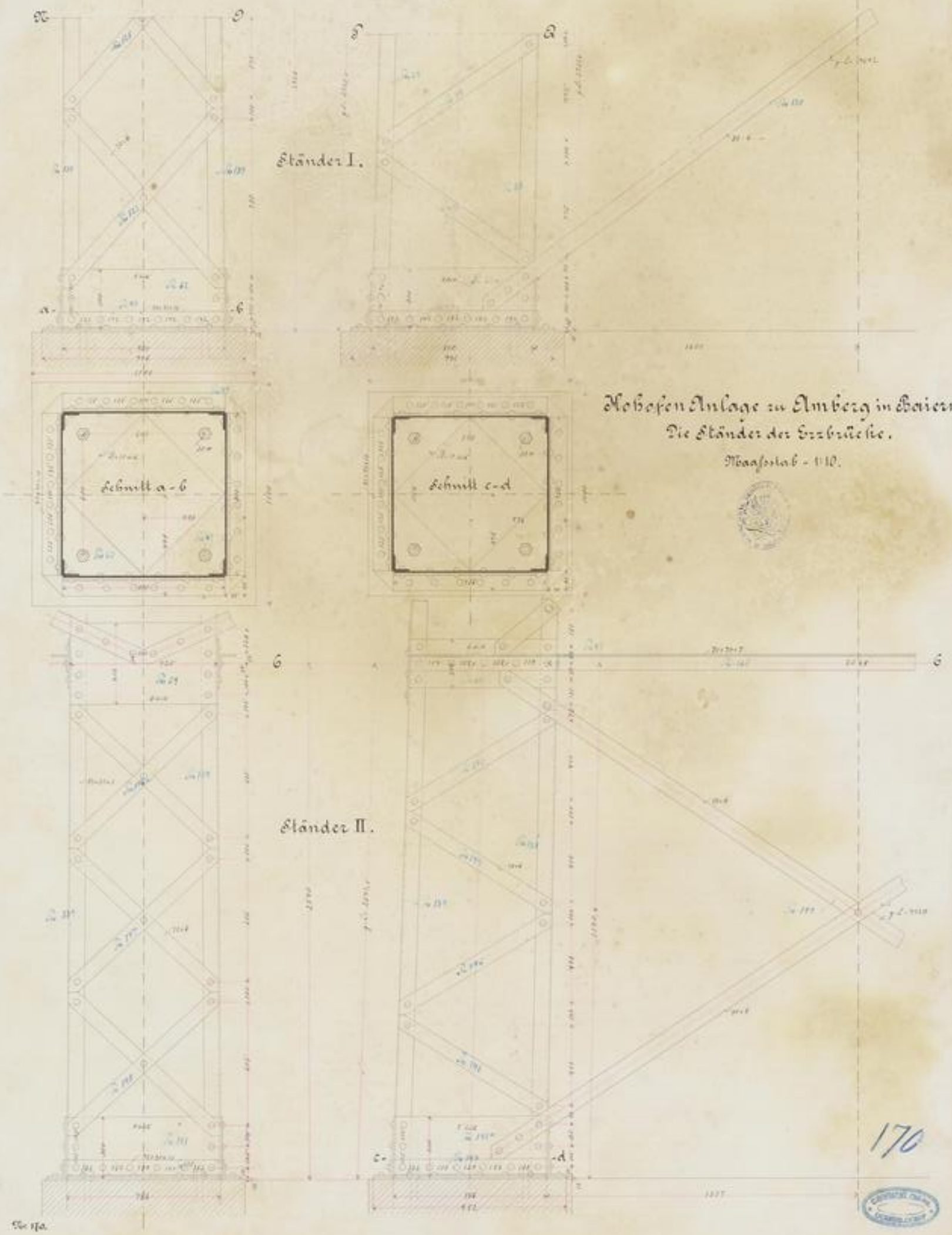
No. 169.

Die Füße der Ständer I und II. – Fortsetzung von Blatt: 6.



Hohofen Anlage zu Amberg in Baiern
Die Ständer der Erzbrücke.
Maaßstab = 1:10.

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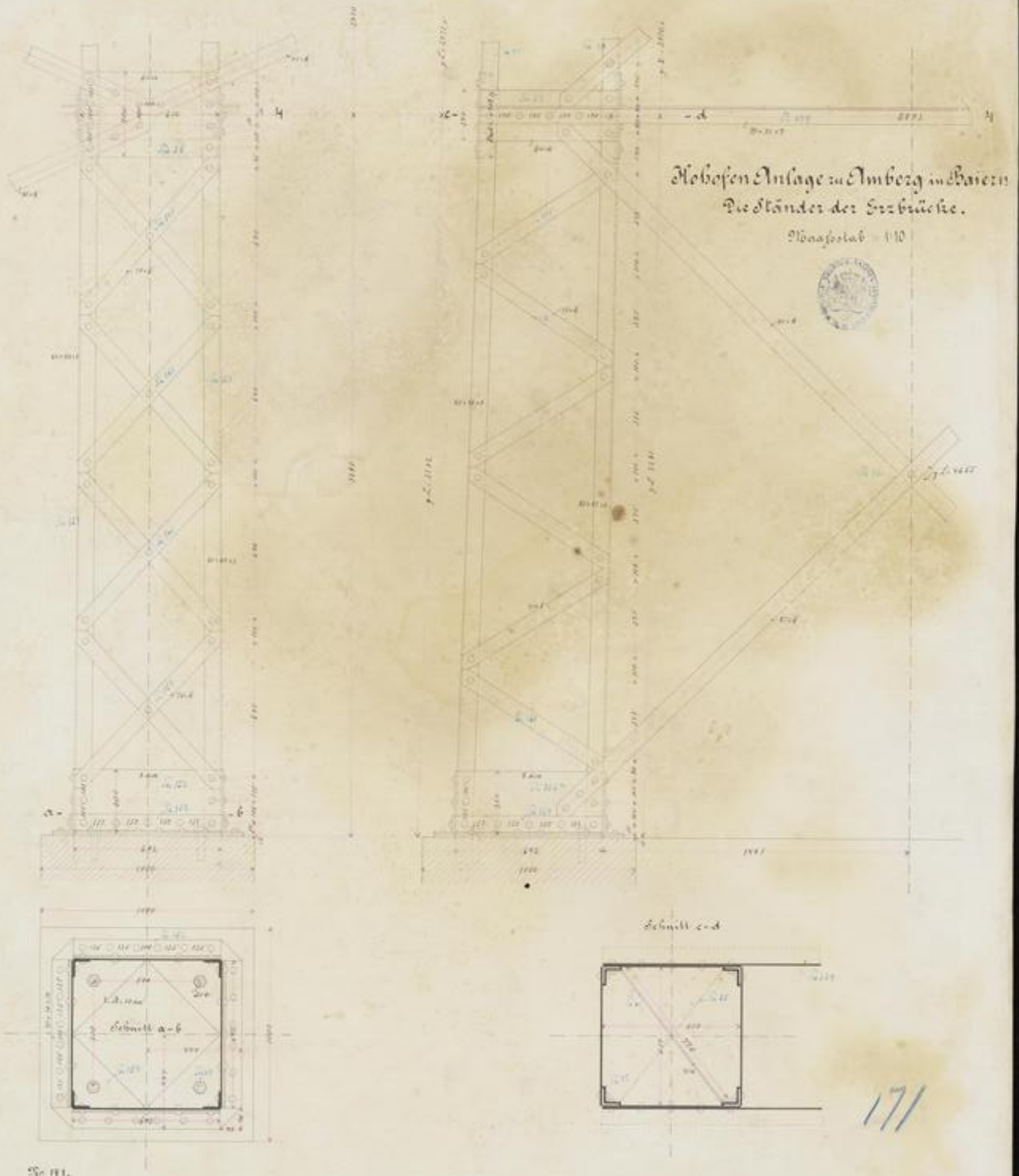
Blatt 5.

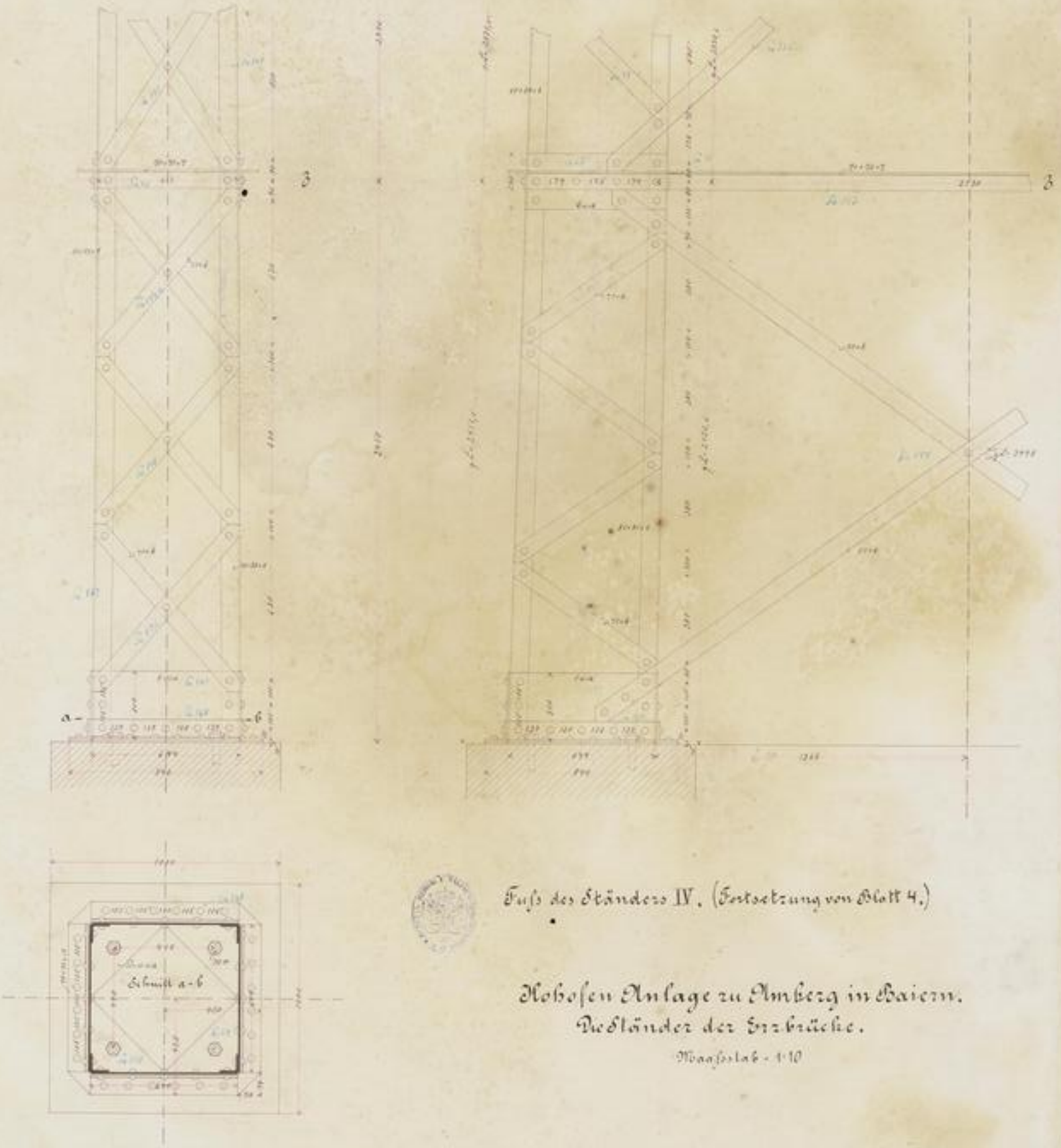
Fuß des Ständers III (Fortsetzung von Blatt 5.)



Hohofen Anlage zu Amberg in Baiern
Die Ständer der Erzbrücke.
Maaßstab = 1:10

Nr 181.

17



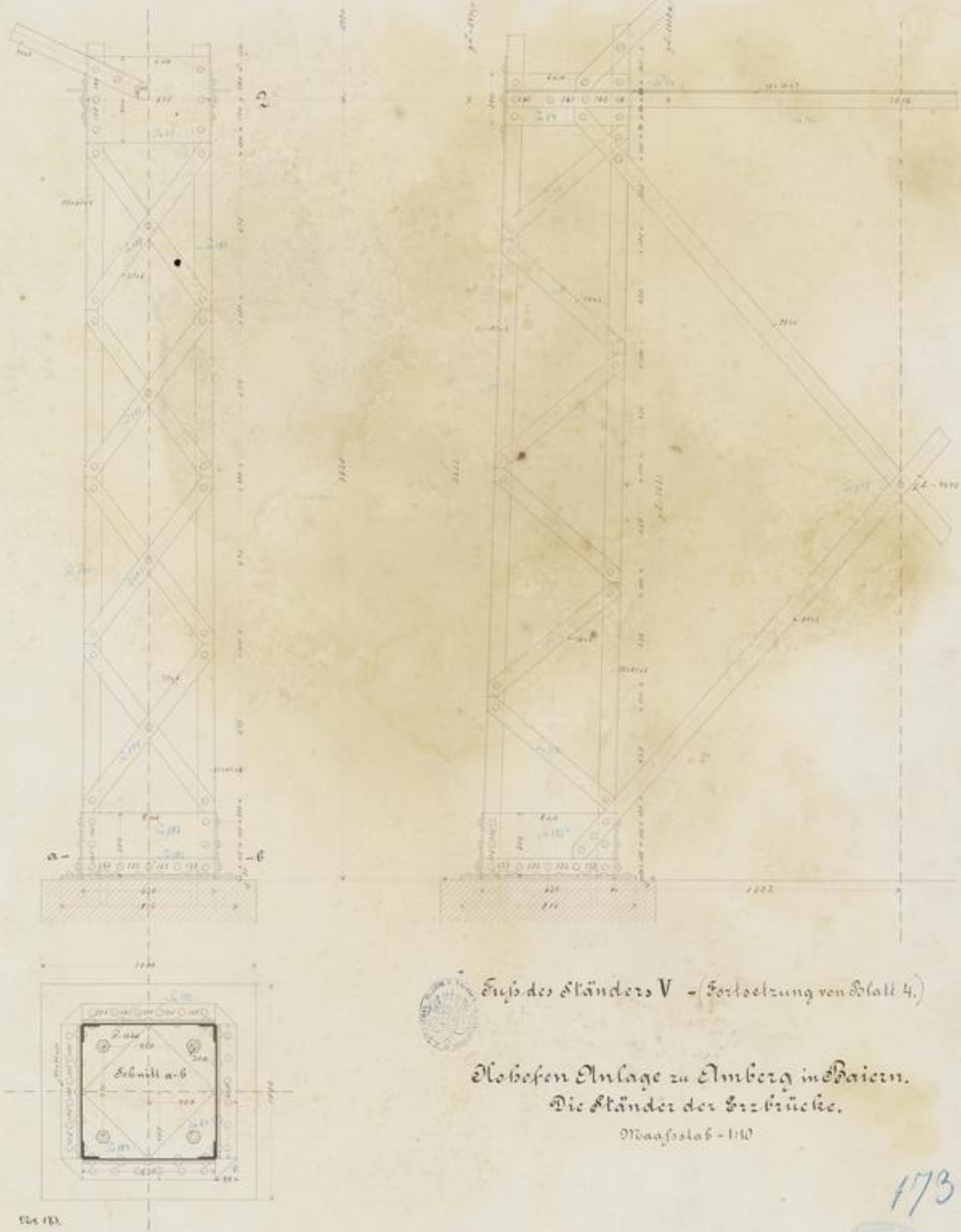
Fuss des Ständers IV. (Fortsetzung von Blatt 4.)

Hohofen Anlage zu Amberg in Baiern.
Die Ständer der Erzbrücke.

Maaßstab = 1:10

No. 172.

172



Fuß des Ständers V – (Fortsetzung von Blatt 4.)

Hohofen Anlage zu Amberg in Baiern.
Die Ständer der Erzbrücke.

Maaßstab = 1:10

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