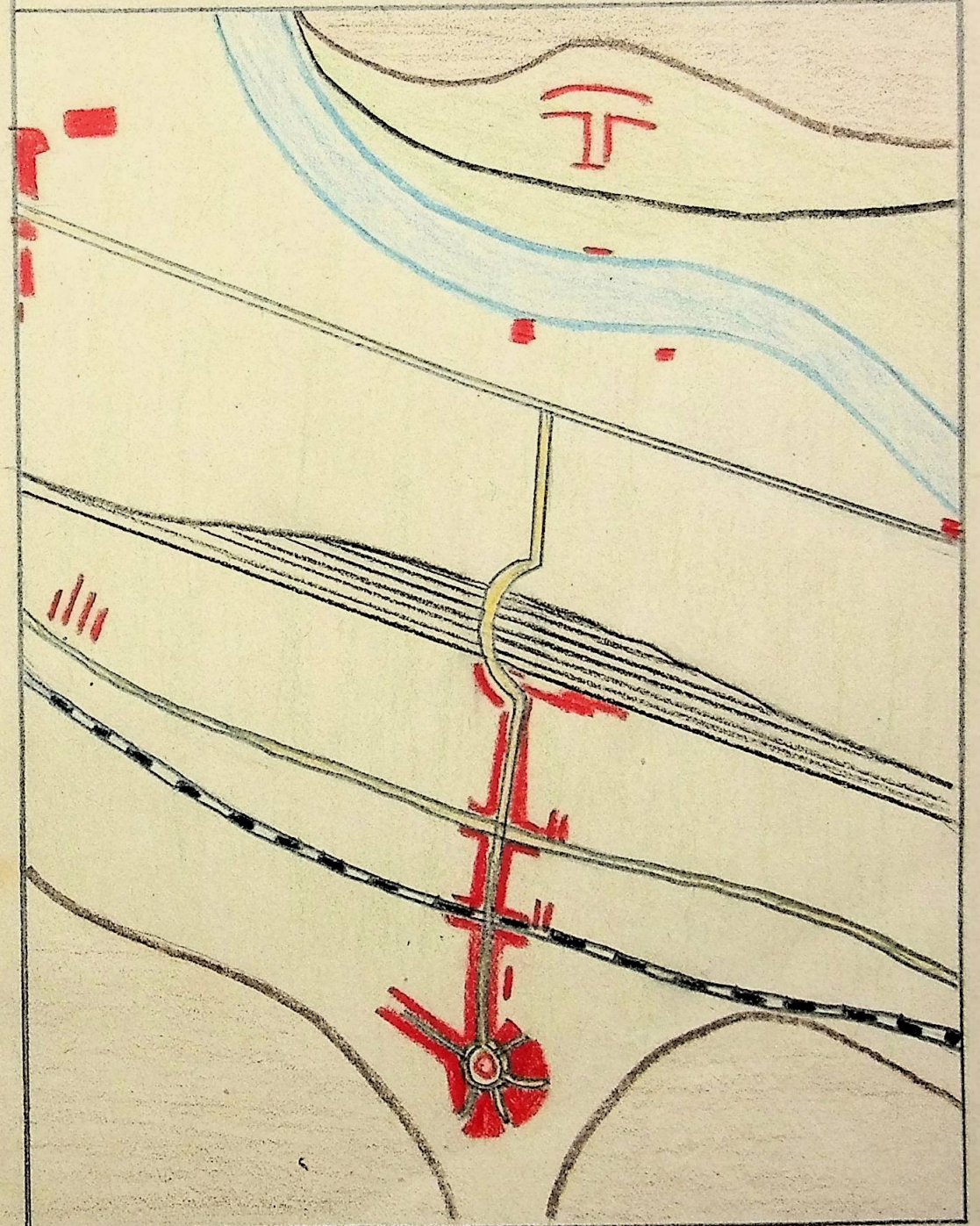


Zeichnungsheft

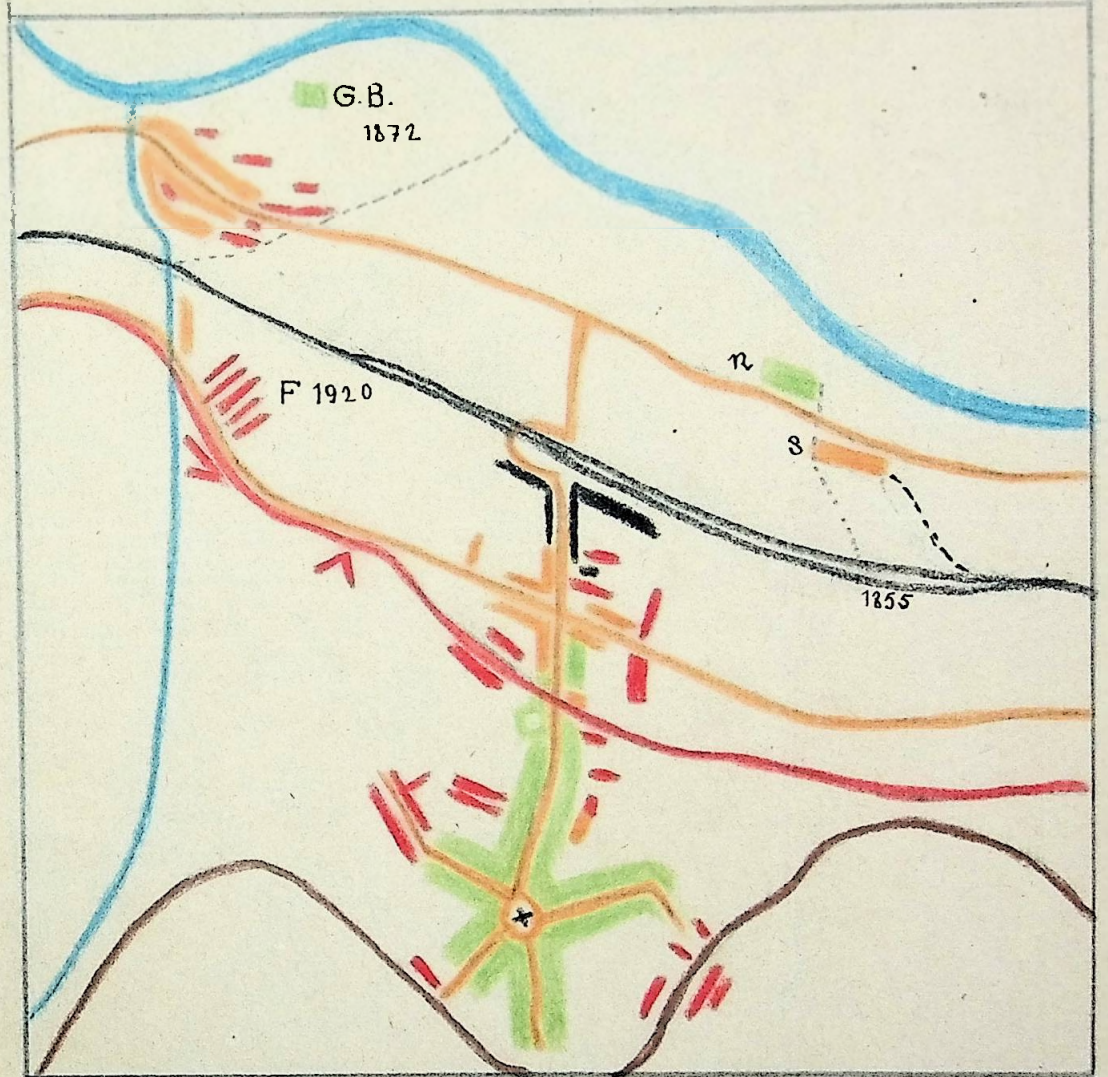
GEOGRAPHIE
ADOLF WELLER.

Lüdin & Co A.-G., Liestal

Mutterz und seine Umgebung.

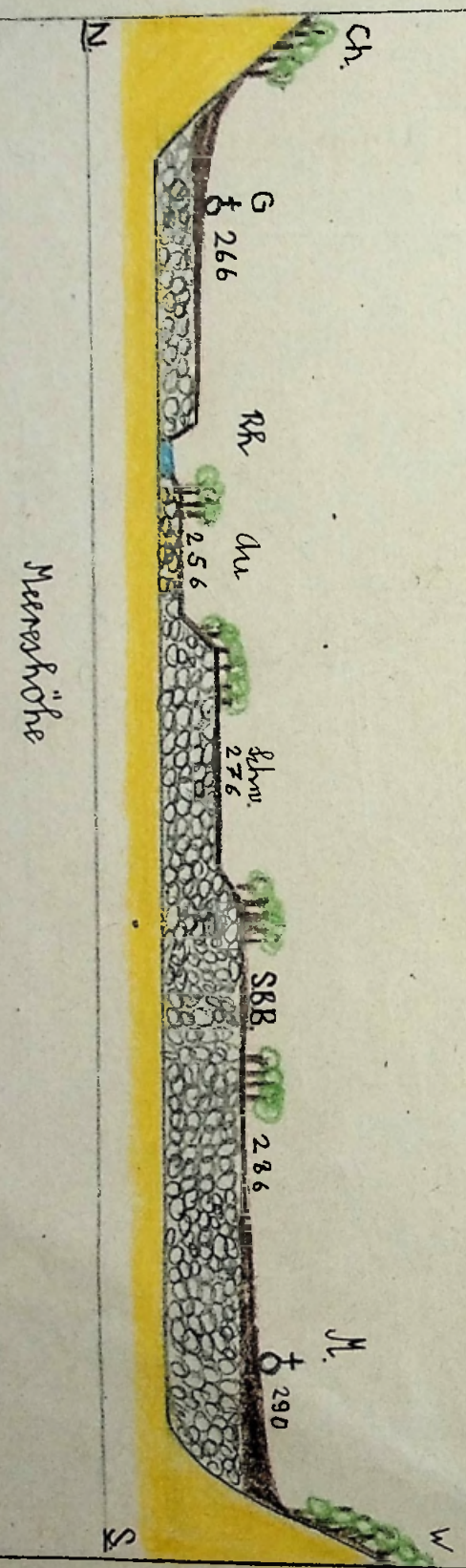


Mutterz, einst u. jetzt.

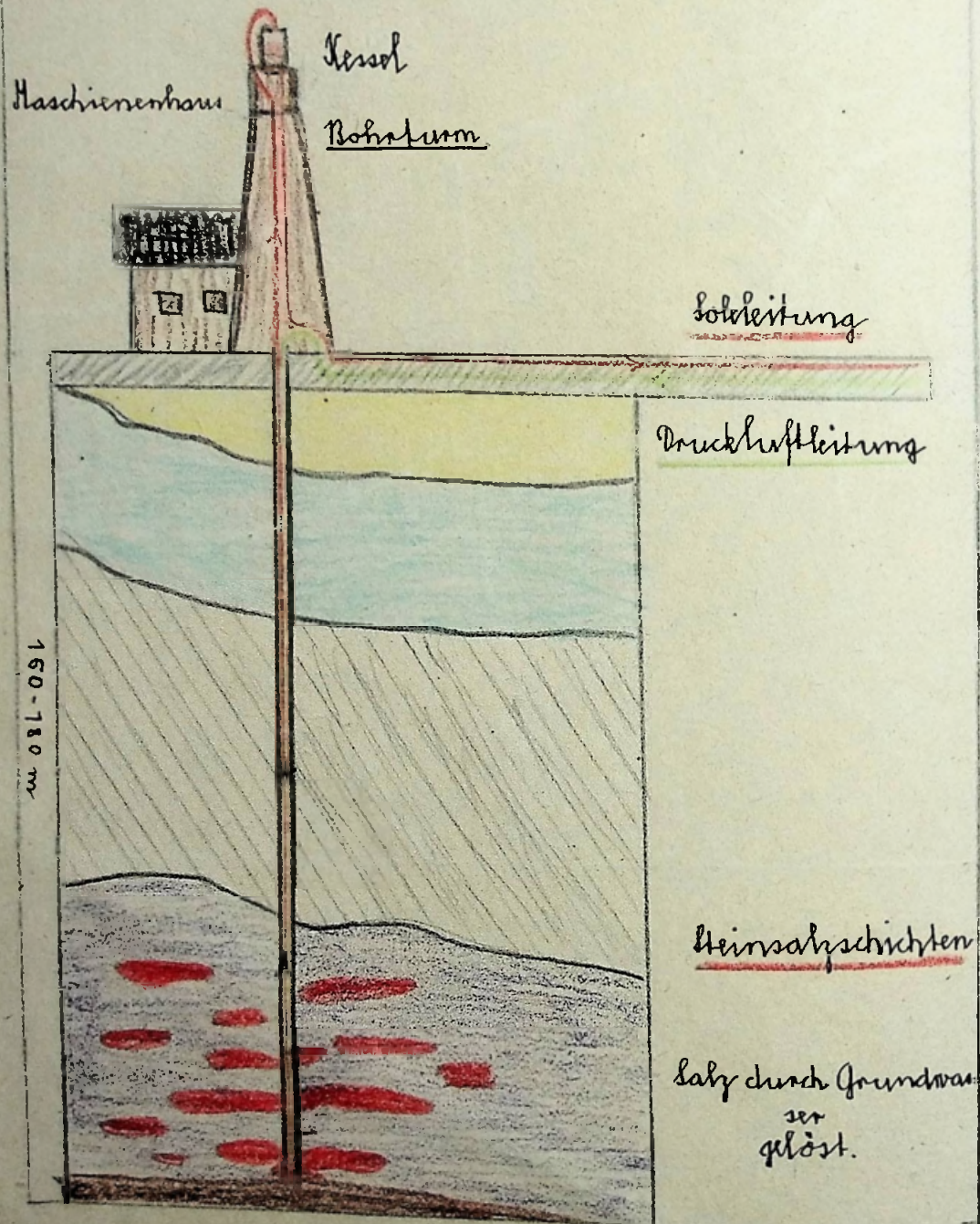


Das alte Mutterz [landwirtsch., Rebbaun, Fuhrhalterei, Ausflügler]
 ■ Zuwachs an Grasse [Rirsfelden, Saline] ● Zuwachs an Bahn [Fabriken], ■ Zuwachs aus Stadt [From].

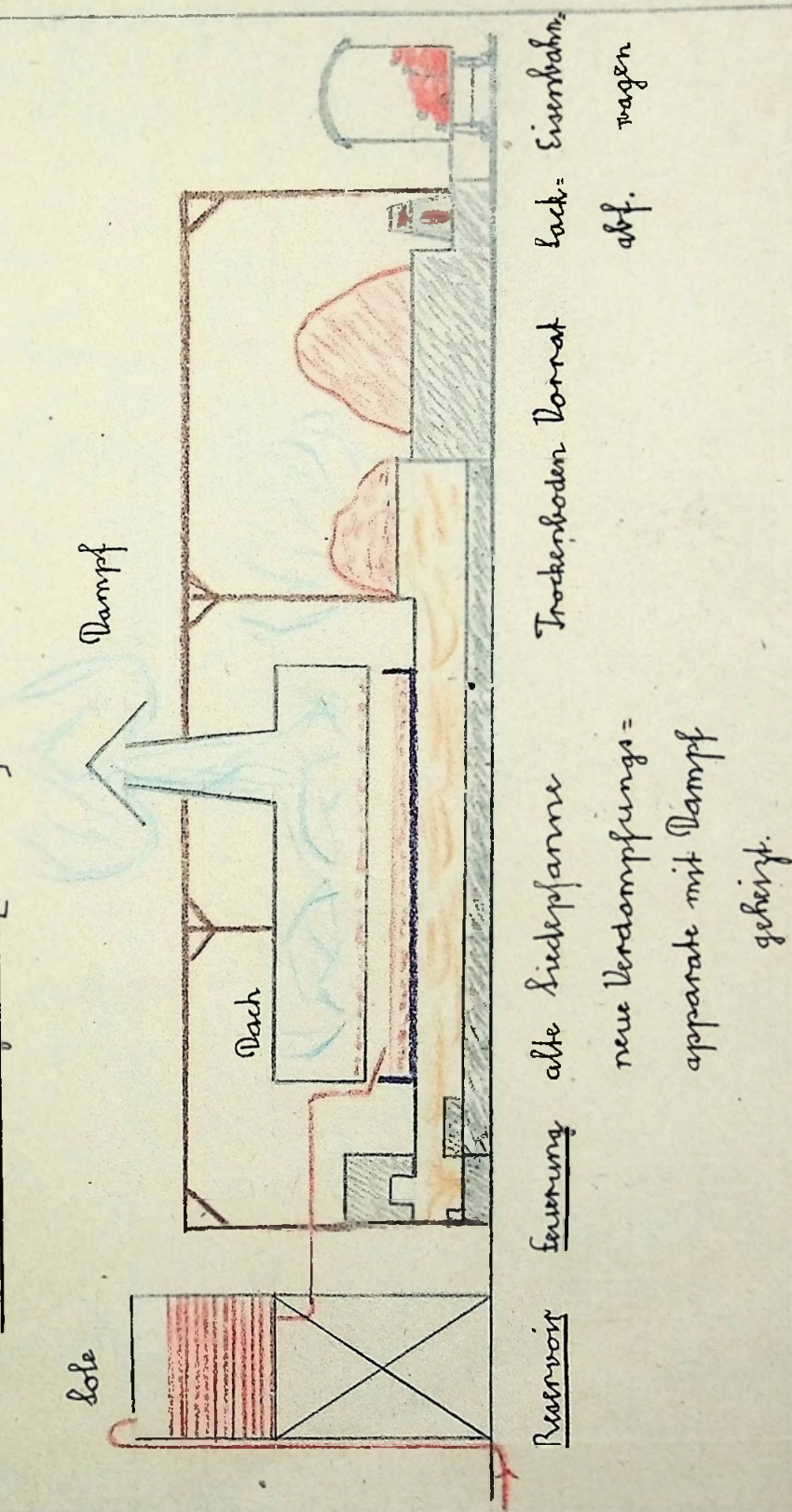
Die Rheintalfermaassen. Profil Nord - Süd.



Die Saline Schweizerhalle.

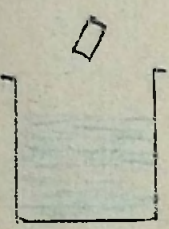


Wie aus Sole - Salz wird. [Schema]

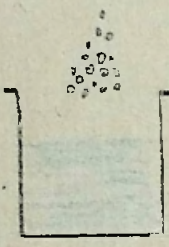


Unsere Versuche.

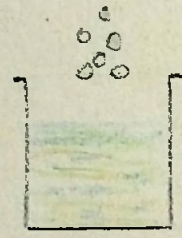
1. Löslichkeit im Wasser: Es lösten sich



Zucker



Kochsalz



Vitriol



Erde löste sich
nicht vermischte
sich nur.

2. Eindampfen von Sole.

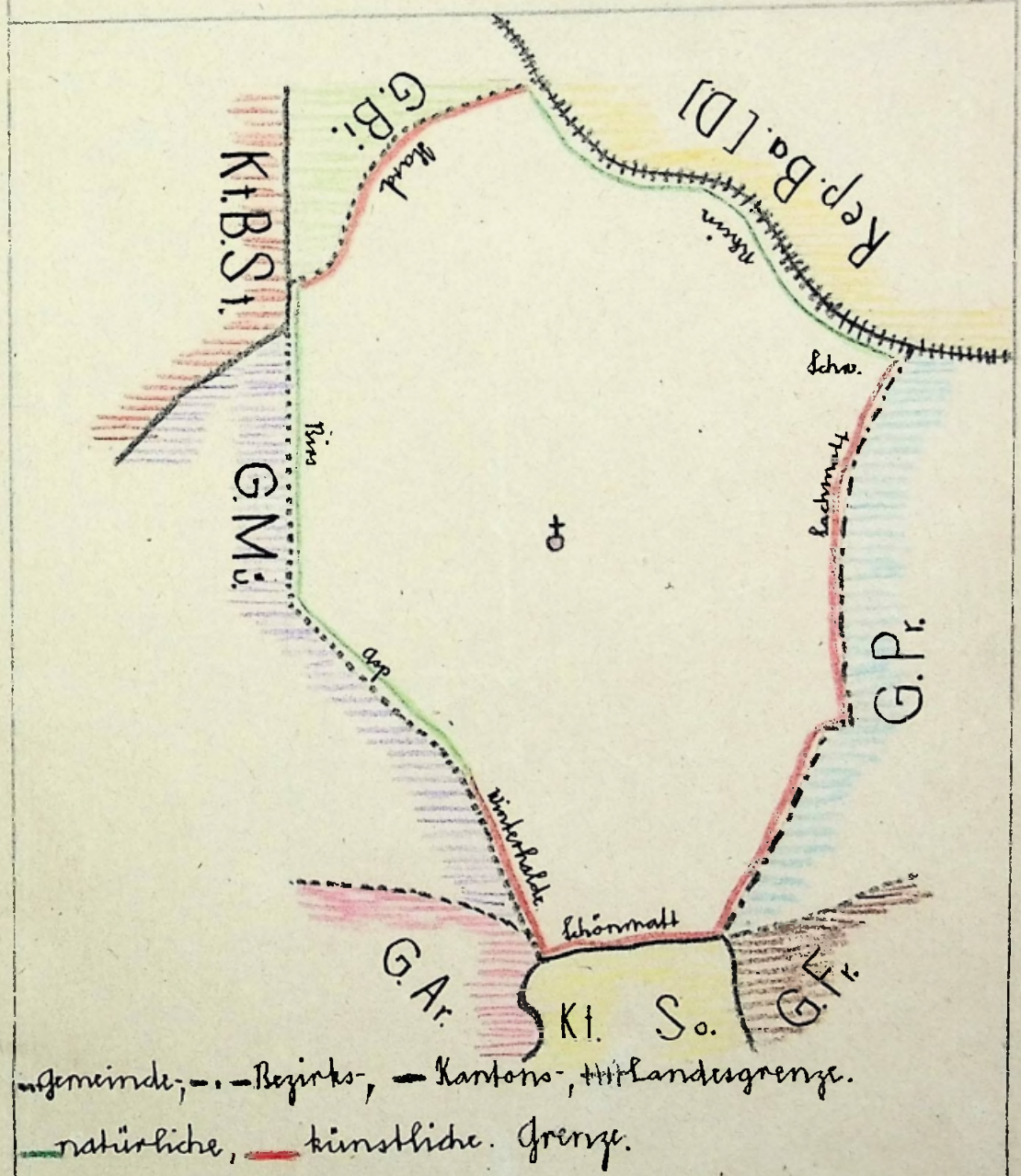
Nach 15 Minuten: Sole gesättigt



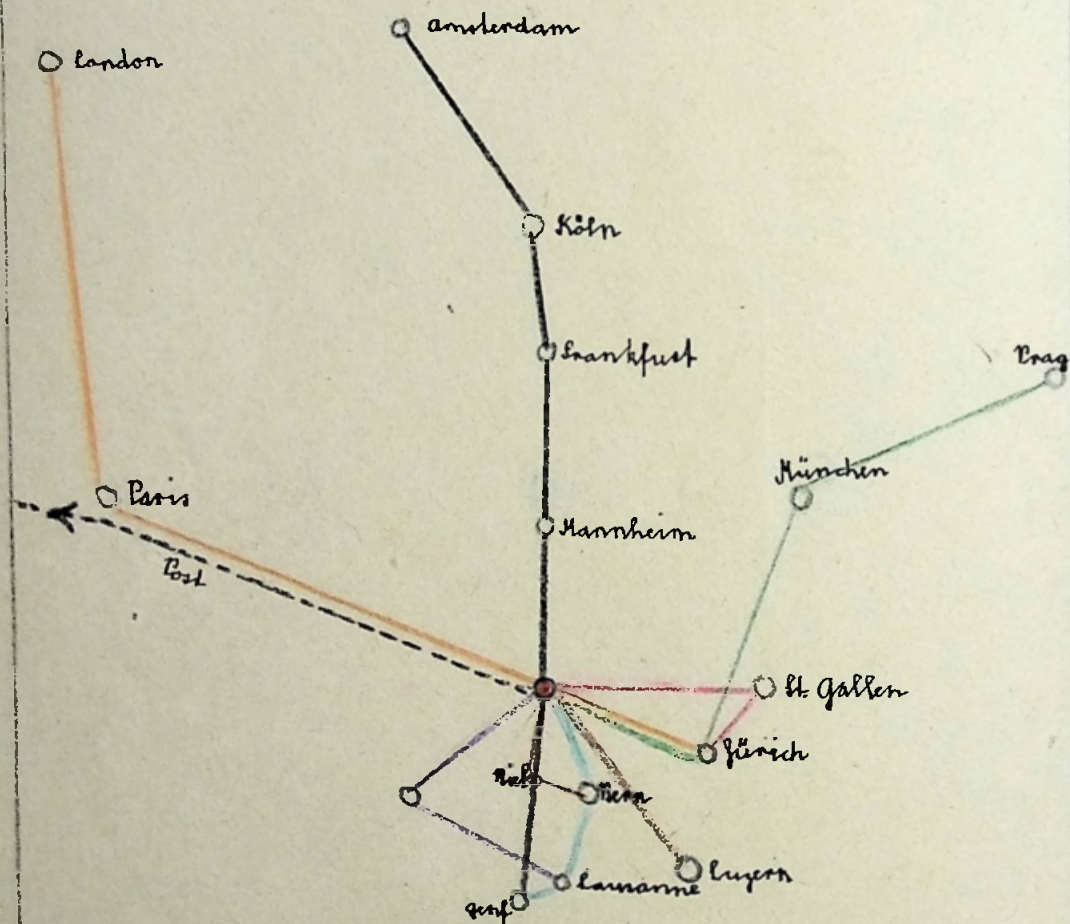
Sole begann sich
auszuscheiden [kristall-
isieren]

Sole	223g
verd. Wasser	155-
Sole	68g
d. h. etwas weniger	$\frac{1}{3}$

Der Gemeindebann Muttens.



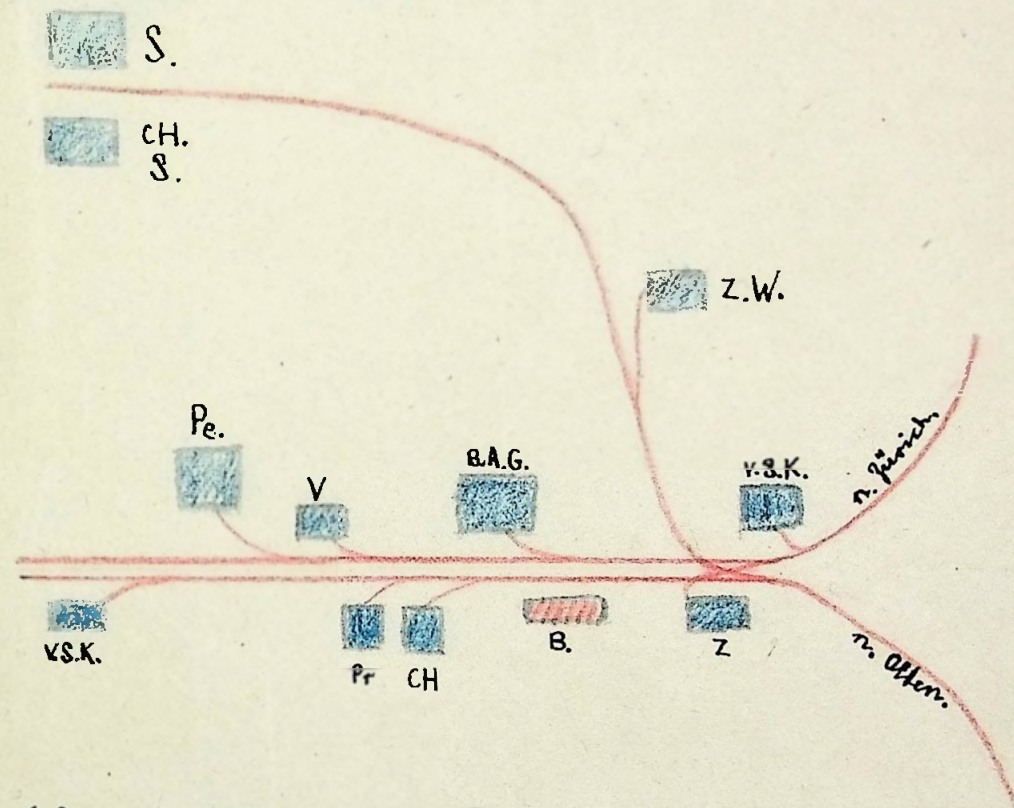
Basler Flugplatz Stettenfeld.



Das Flugzeug - das schnellste Verkehrsmittel.

Basel - Zürich: Luftlinie	75 km.
Wassergänger braucht heute	16 Std.
Schnellzug	1 " 20 Min.
Flugzeug	30 "

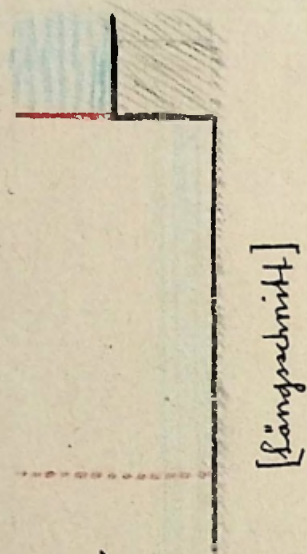
Der Industriestandort Pratteln.



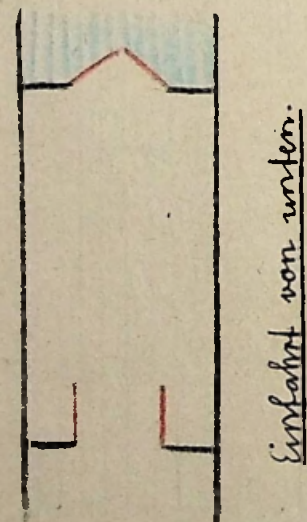
Anschluß der Fabriken:

V.S.K.: Lagerhäuser des Verbandes Schweizerischer Konsumvereine. Russ, Eisenkonstruktionen. V. Verzinkerei. Pe. Porz. Z.W. Zementwaren. S, CH = Saline, Chemische Fabrik, Säurefabrik. Z = Zichorien. Pr. Prodoritröhren.

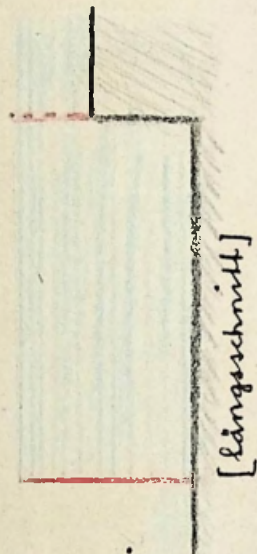
Die Schleuse in Augst



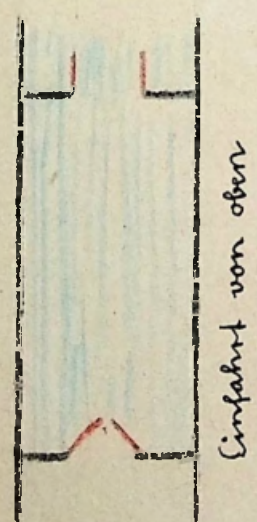
[Längsschnitt]



Einfahrt von unten.



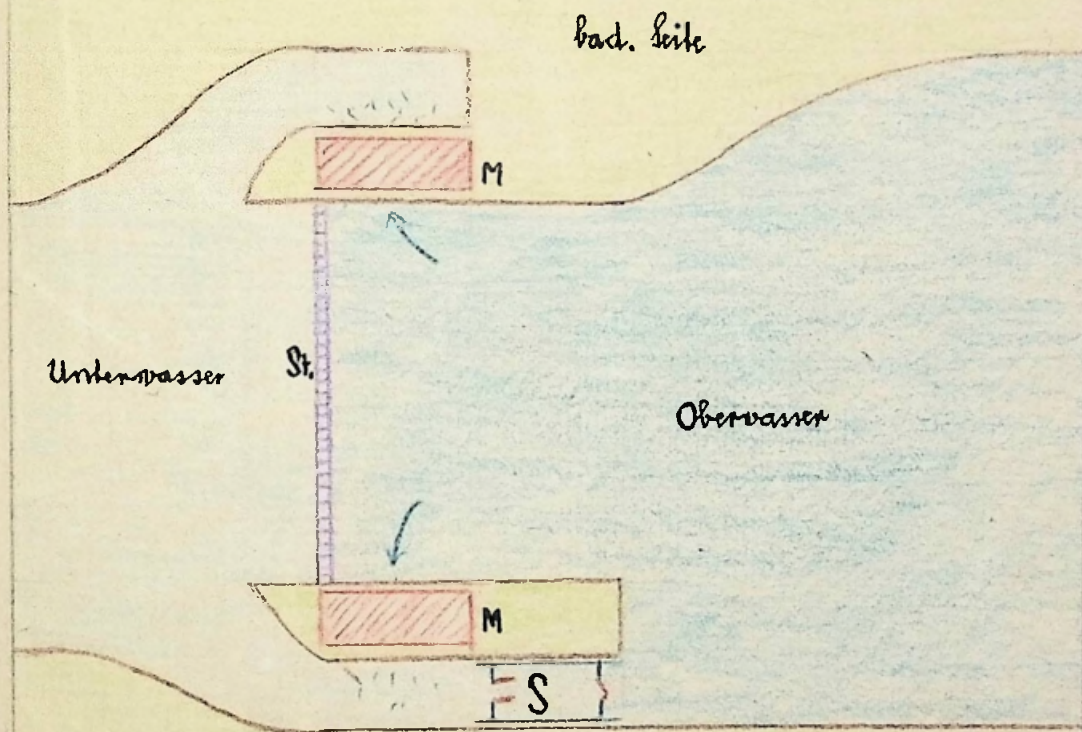
[Längsschnitt]



Einfahrt von oben

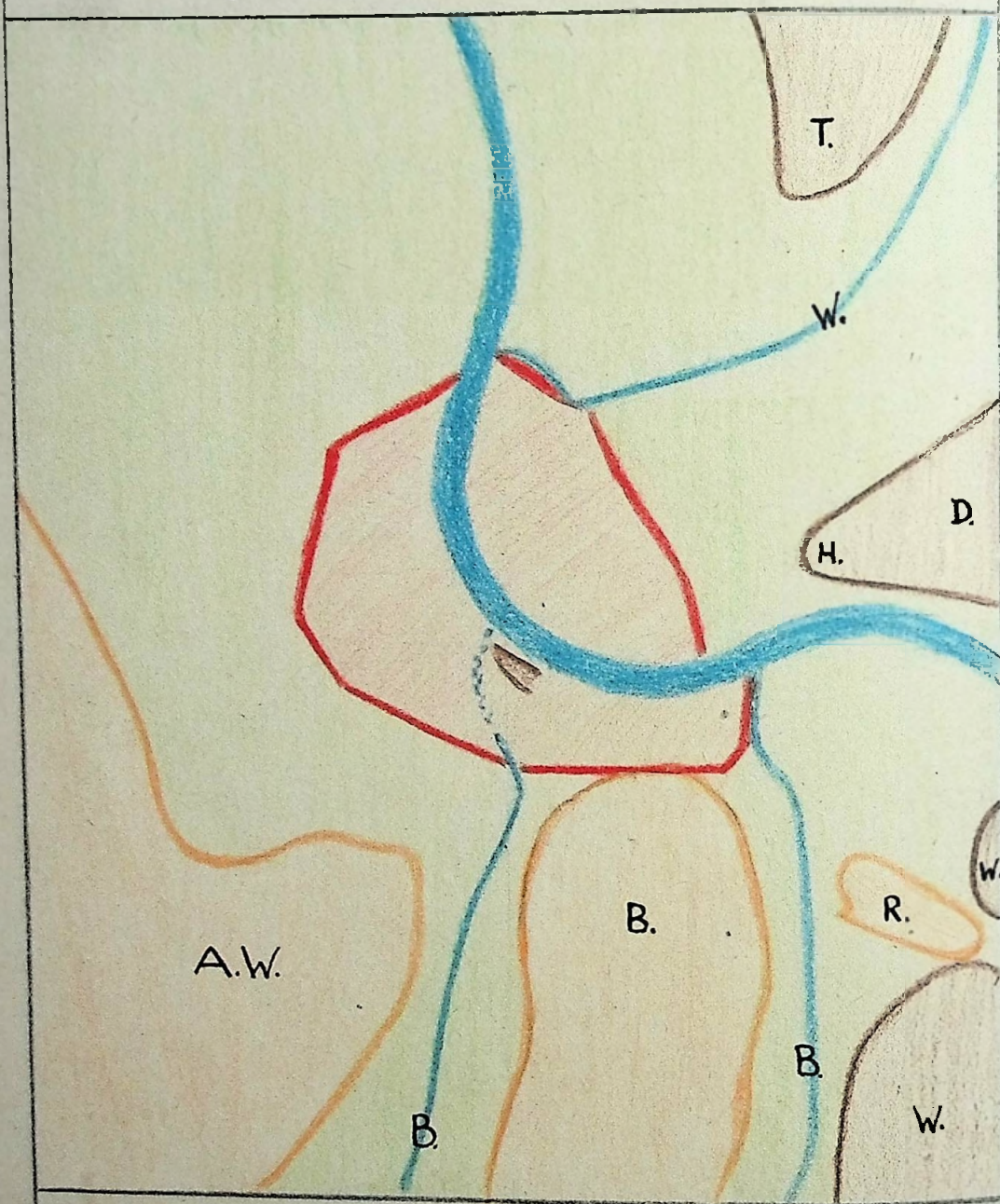
Das Augster Kraftwerk.

von oben:



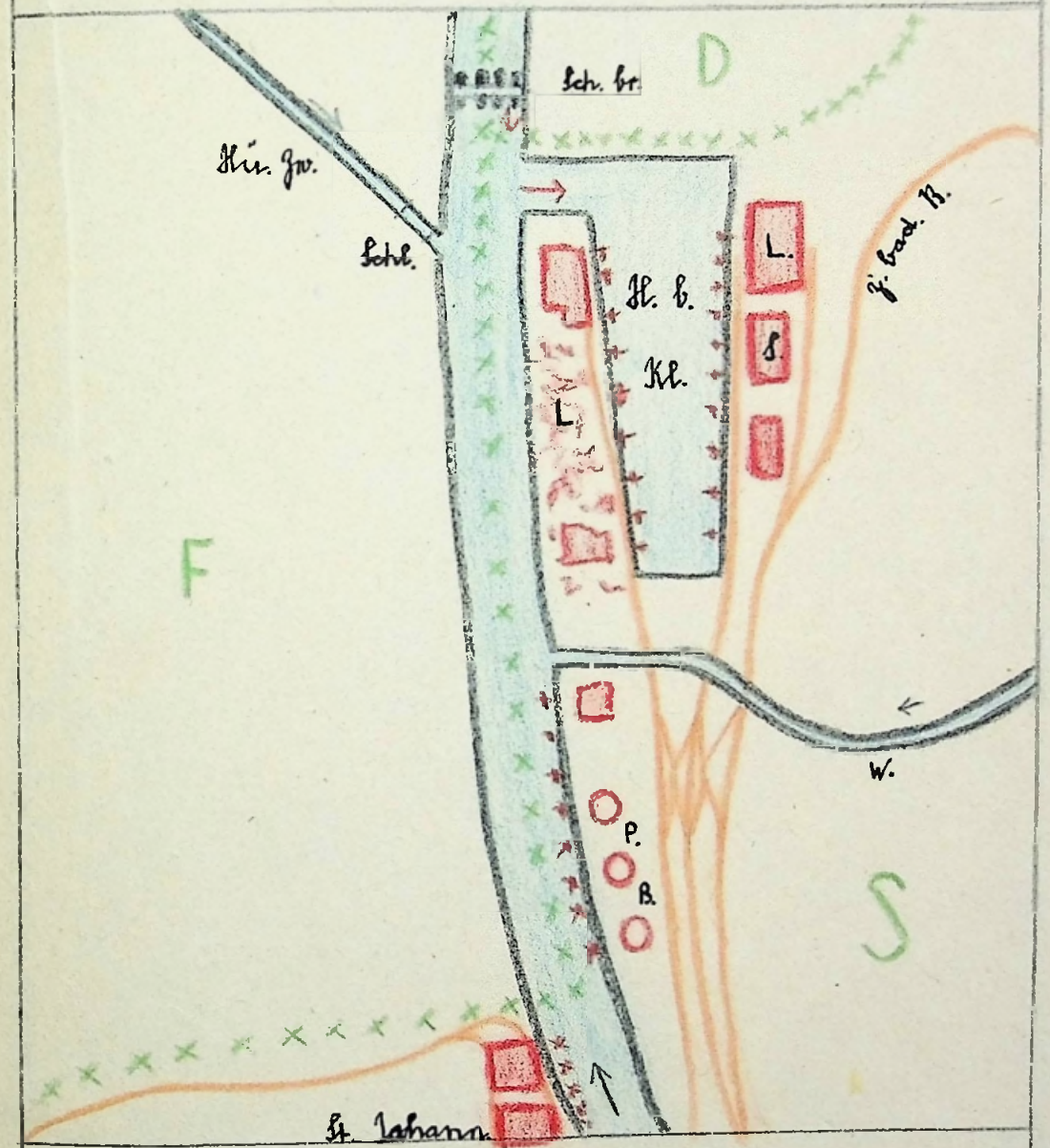
St. Staumwehr [8 m gestaut,] M. Maschinenhaus [Turbinen, Generatoren, 15000 P S.] S. Schiffschleuse.

Die Lage Basels.



Basel im ob. Teil der oberrheinisch. Tiefebene.

Die Rheinschiffahrt.



x x Landesgrenze. x x x Anlegeplätze der Schiffe.
 o o Benzinbehälter.

Profil : Muttenz - Schönenbuch [O-W]

S	A	B	R	M
350	350	370	360	290



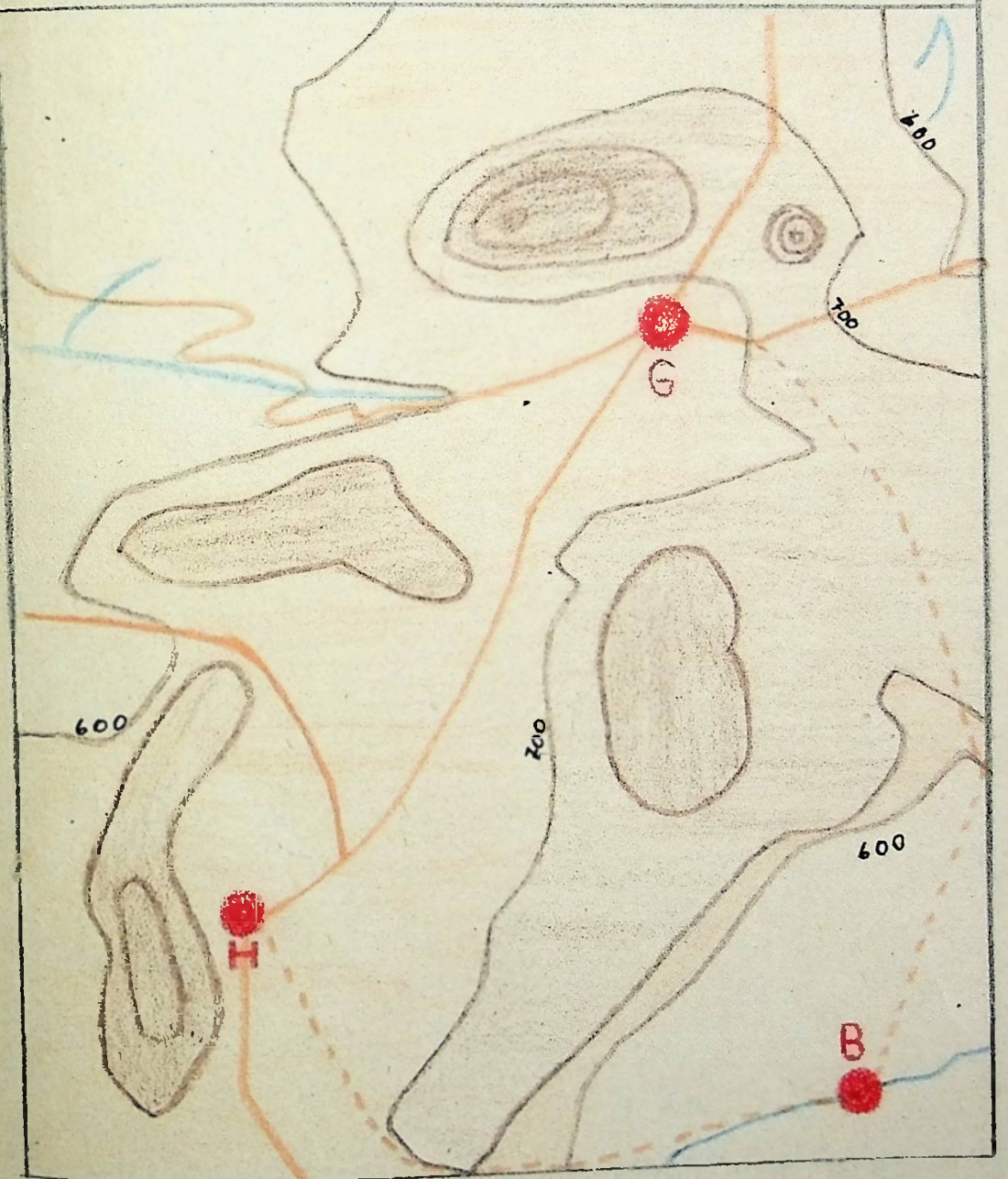
Profil : Basel-Jörlingen [N-S]

B	R	P	E	U
260	370	300	390	350

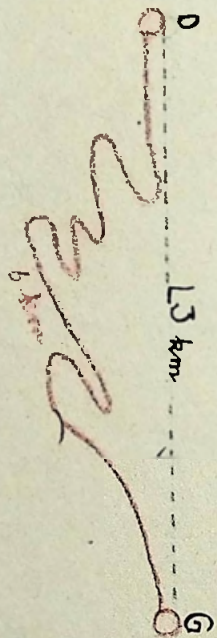


Muldenlage von Gempen und Hochwald.

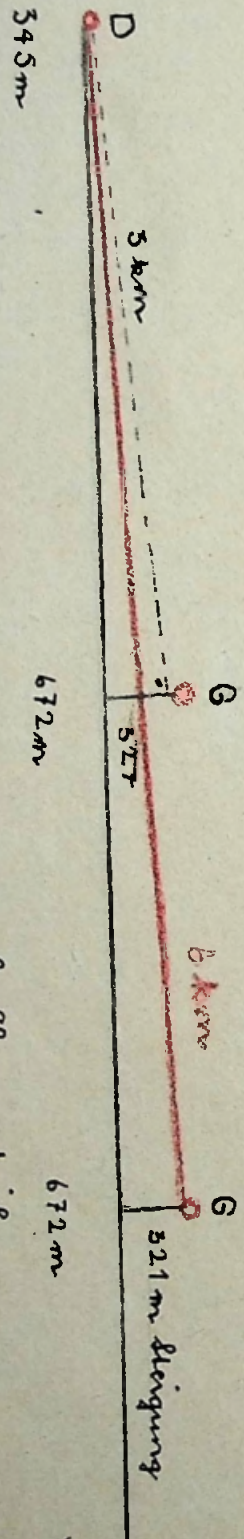
Wasserarmut, windgeschützt, Regnetz.



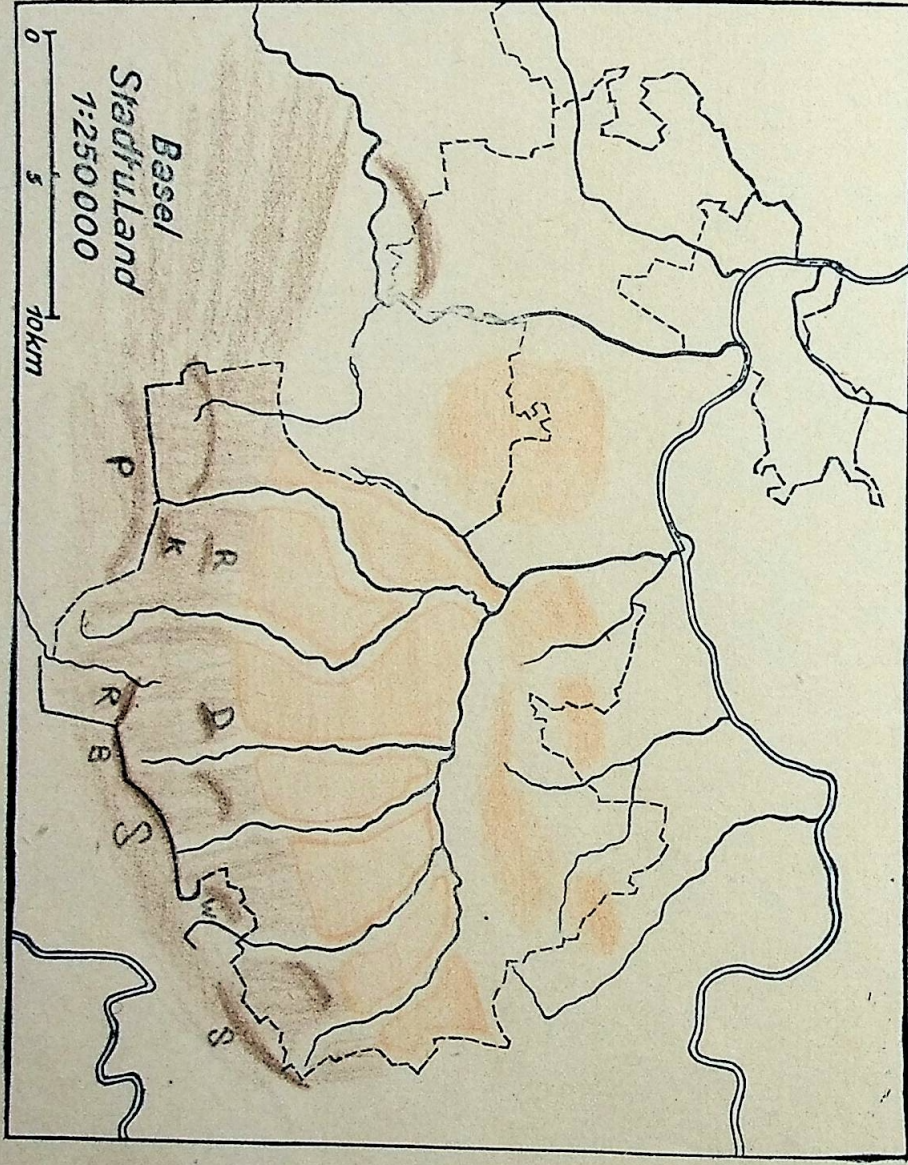
Die Bergstrasse: Vomach-Gempen.



Steigung:

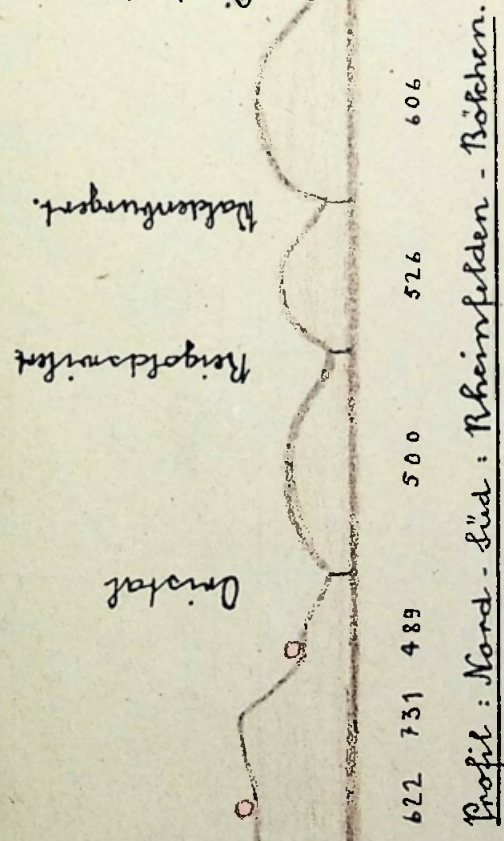


Strasse mit Kurven 2 mal länger, aber nur halb so steil.

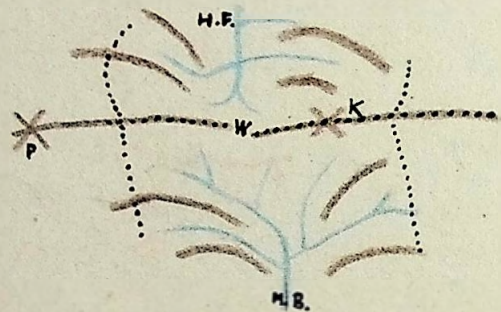


Ketten- und Tafellina

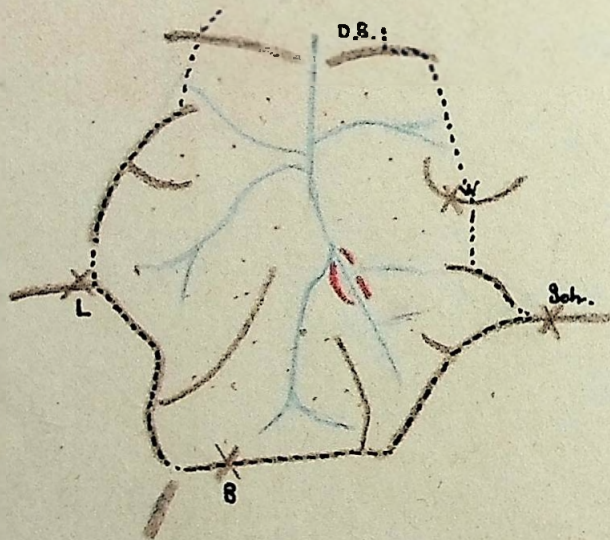
Profil : West-Ost : Hochmala - Anwil.



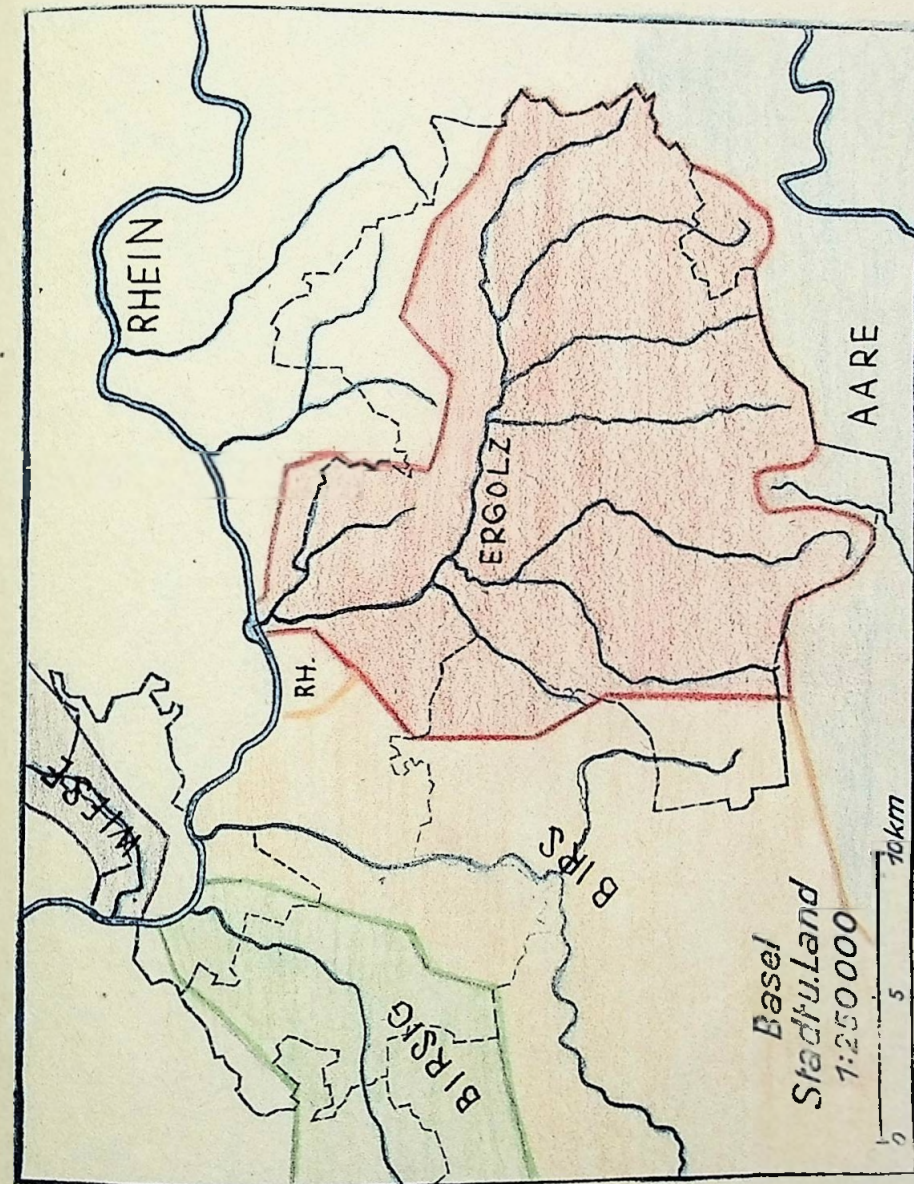
Die Wasserscheide
an der Wasserfall.



im Eptingenkesel



Flussgebiete



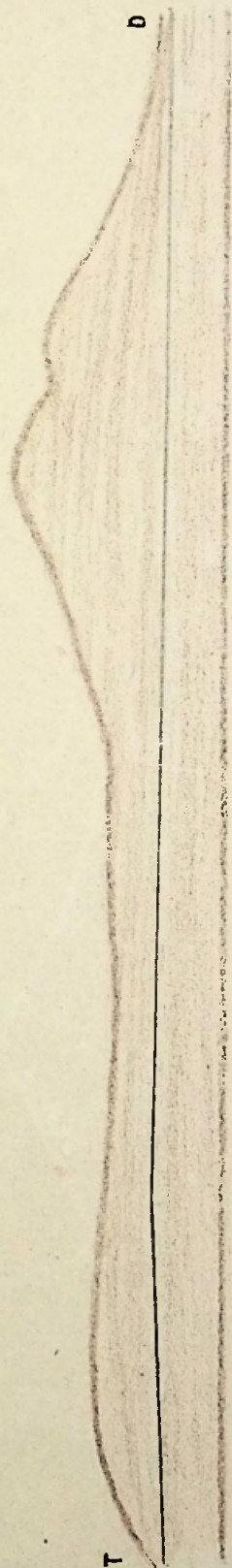
Duraübergänge im ob. Baseltbiet, [an der Wasserscheide]

1287	Passwang
1019	Wasserfalle
1160	Kellenköpfli
1127	Helfenberg
734	<u>ob. Hauenstein</u>
1000	Larochfluh
1102	Böcken
850	Kalzhöhe
986	Schmutzberg
694	<u>unt. Hauenstein</u>
620	Eröbung
930	Leutschenberg
806	Schafmatt
	Geissfluh

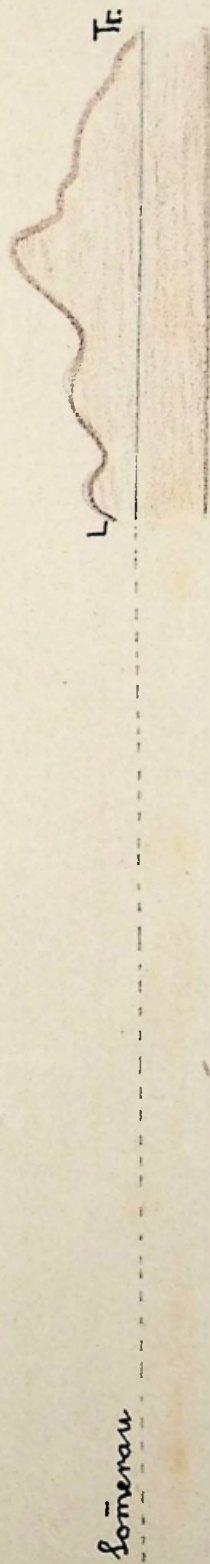
A.H.
T. B.T.

Alte u. neue Hauensteinlinie. [Länge M. 1:12500]

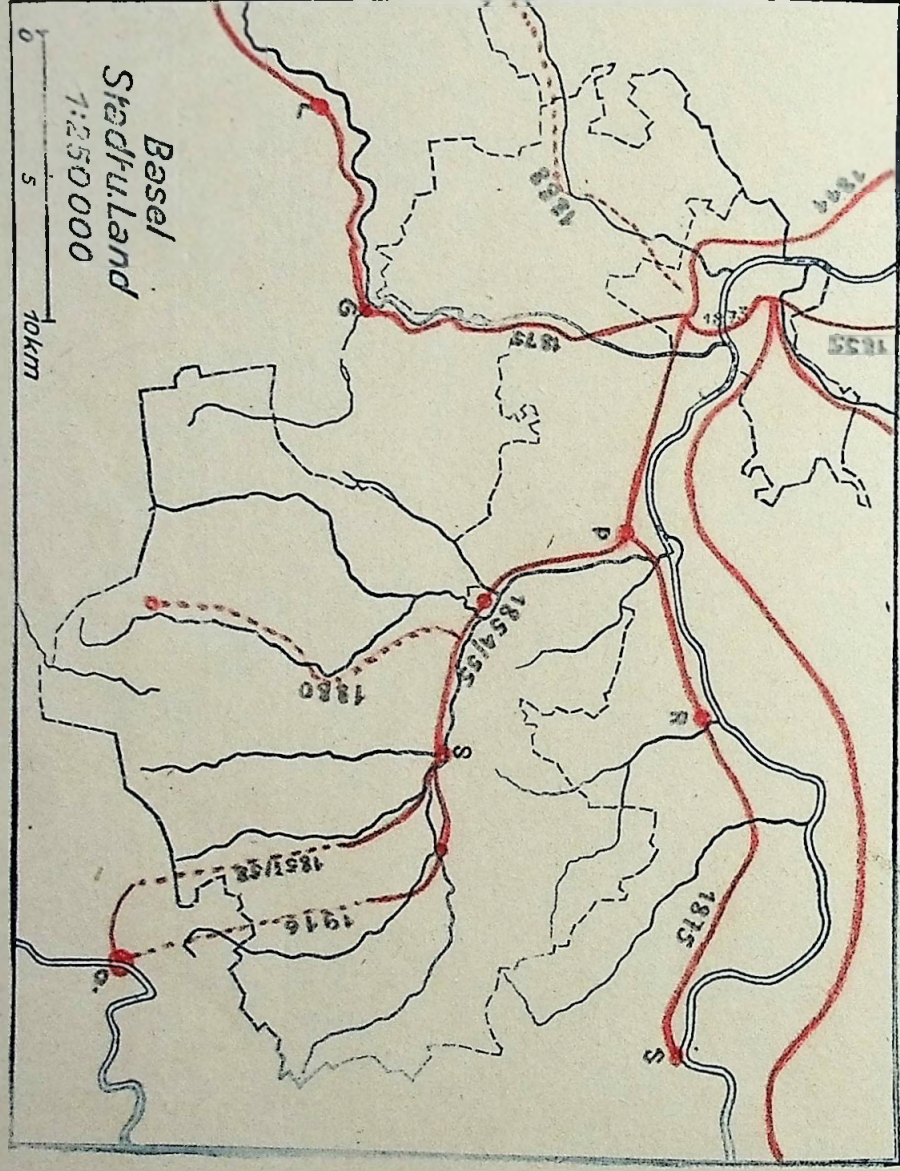
1. Basistunnel. 8,250 km



Alter Tunnel: 2,475 km

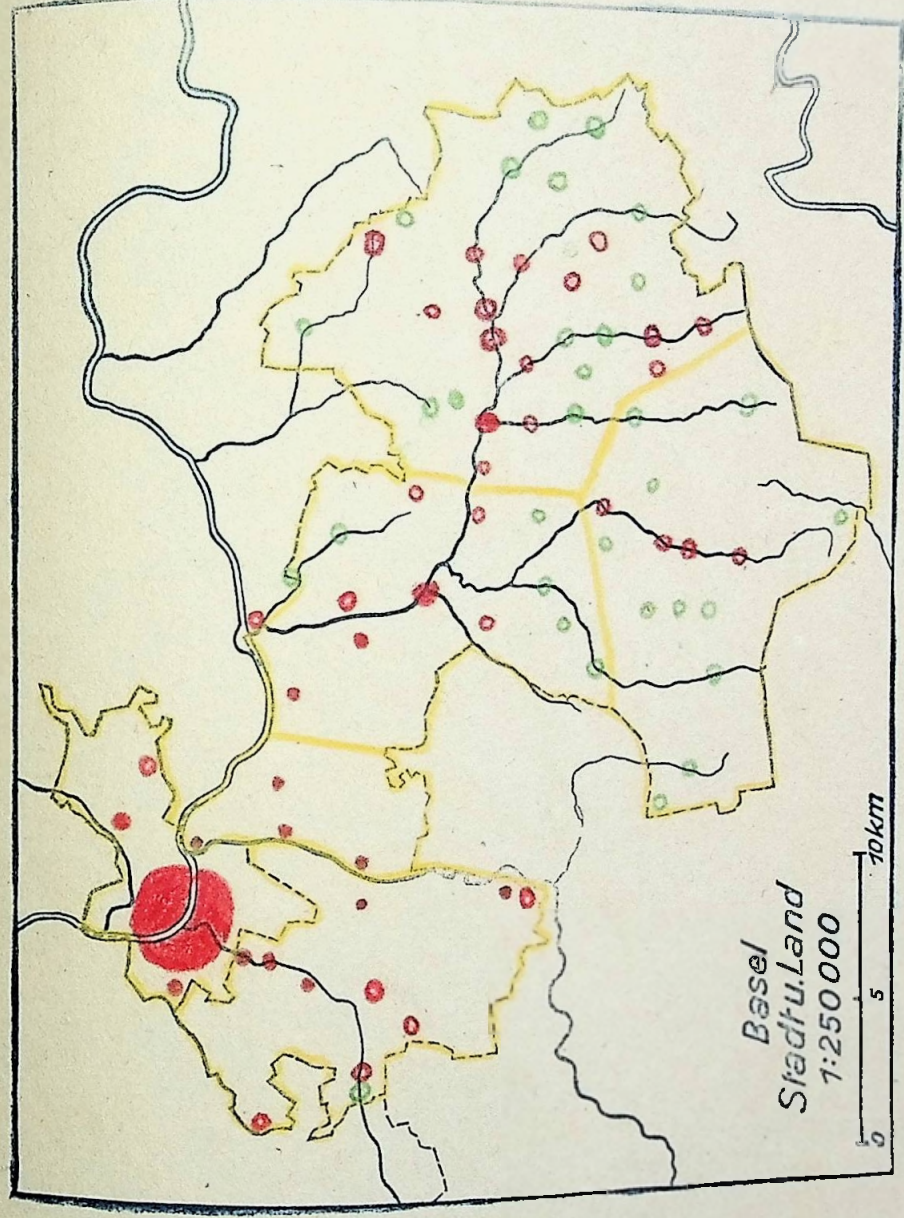


Sonnenau

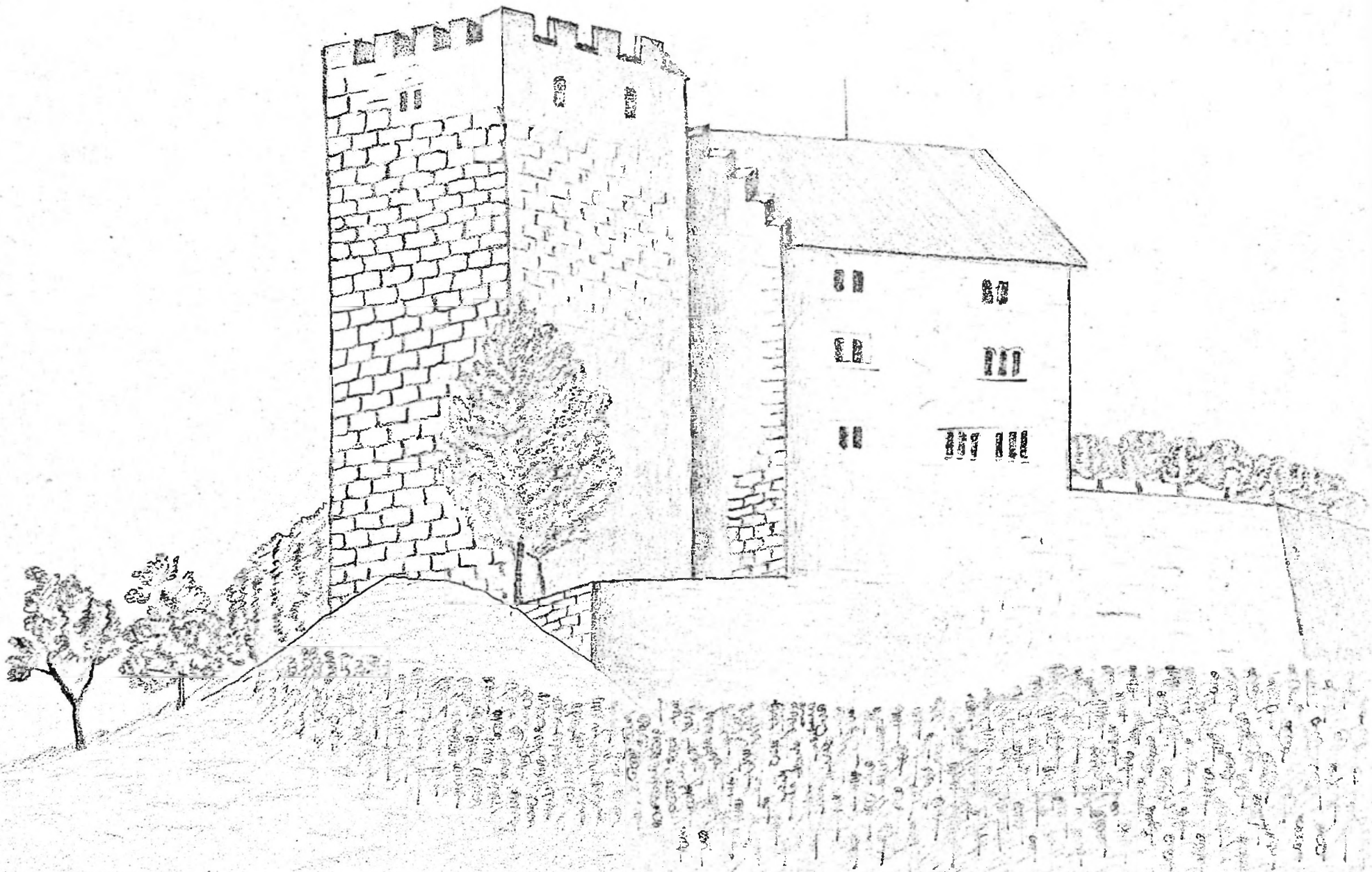


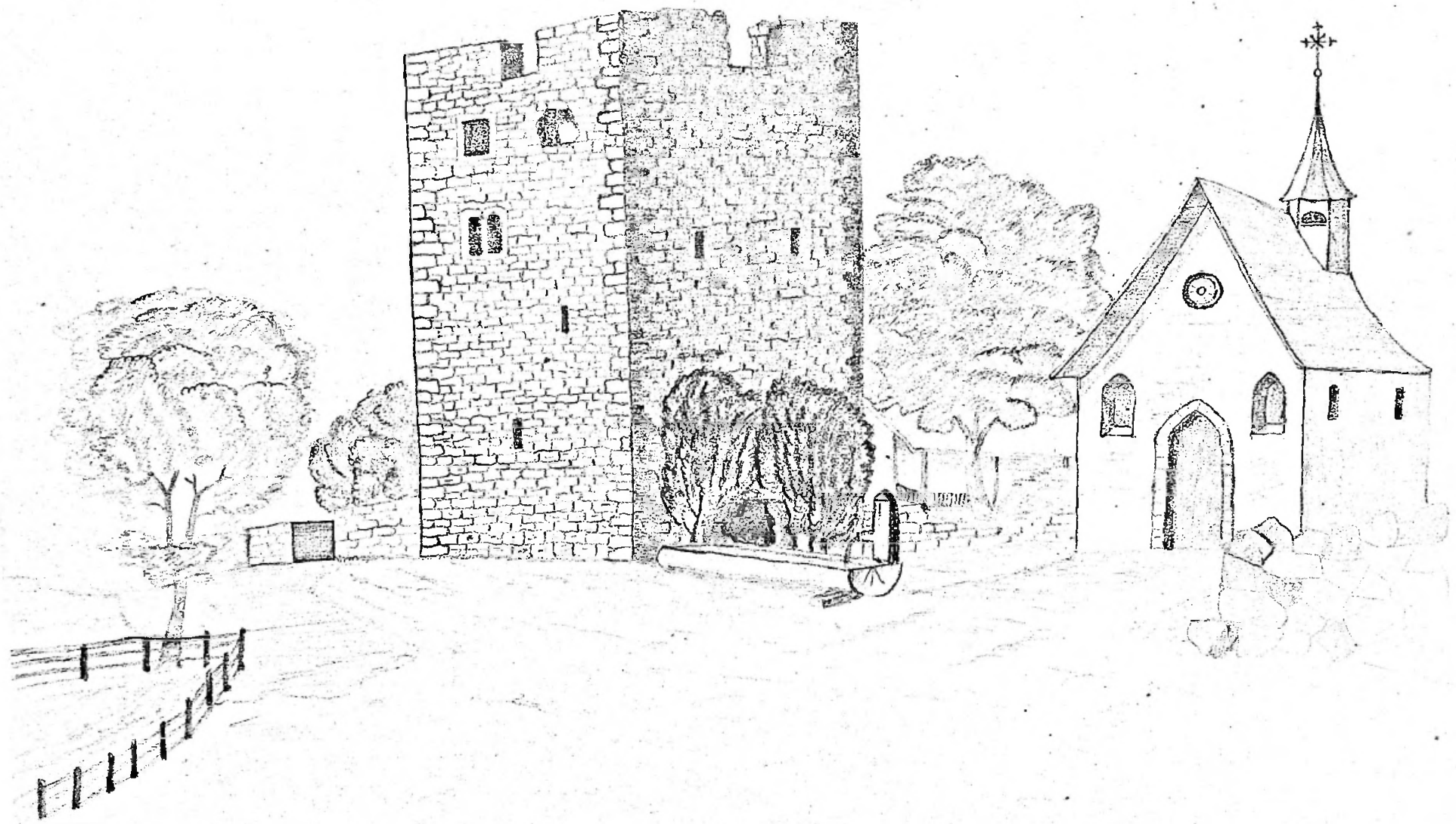
Eisenbahnkarichen

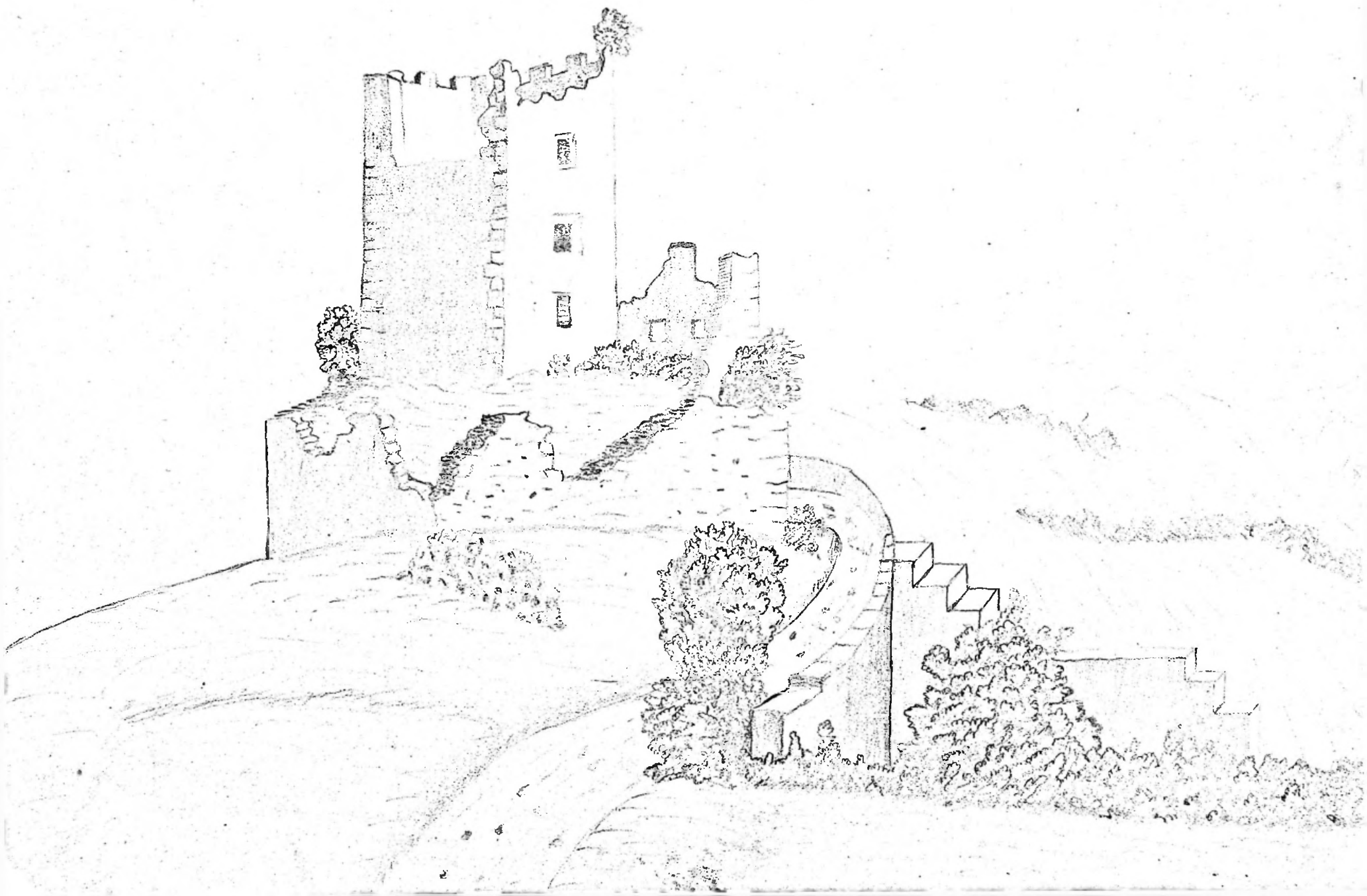
Zu- und Abnahme der Bevölkerung 1850/1930.

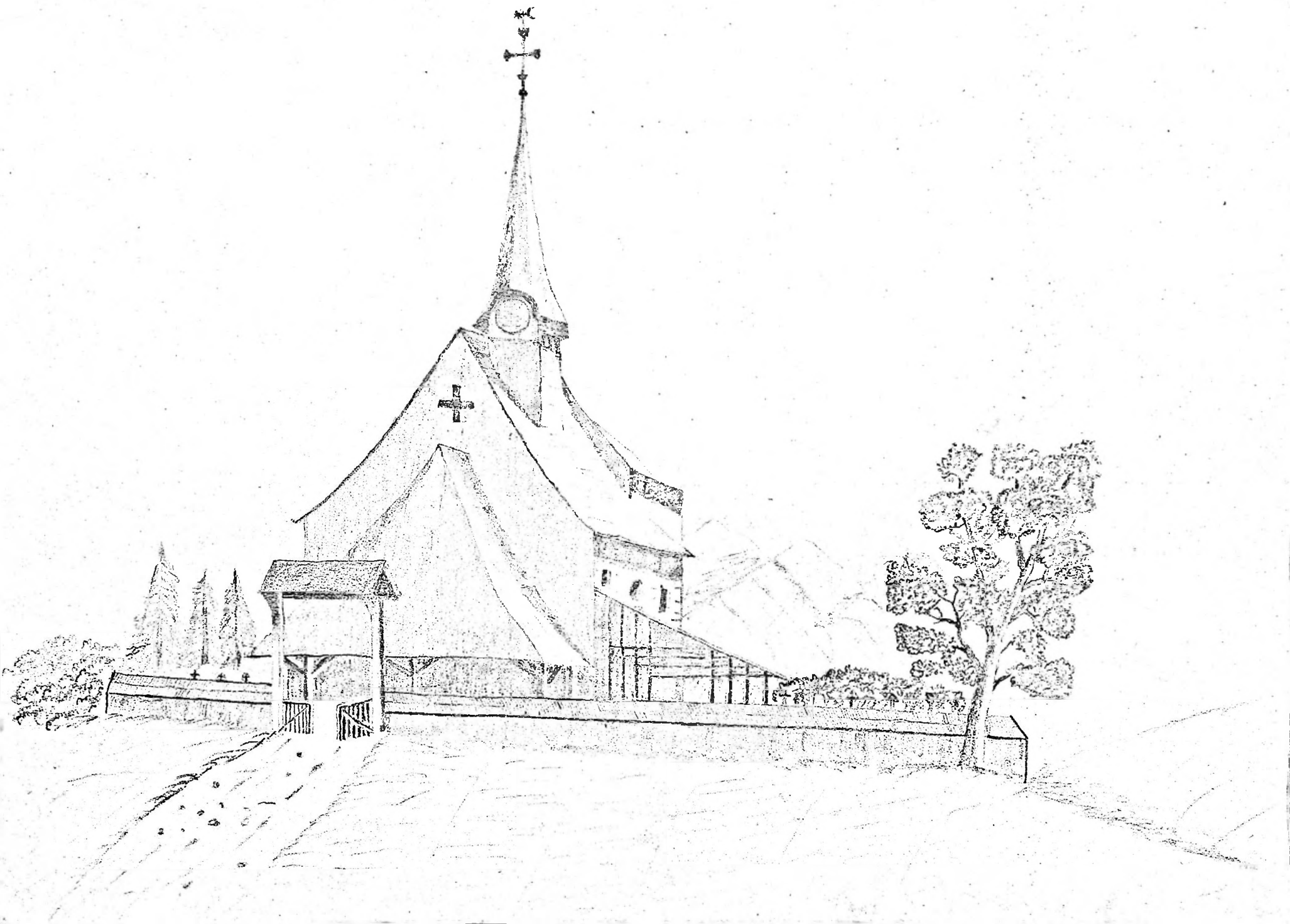


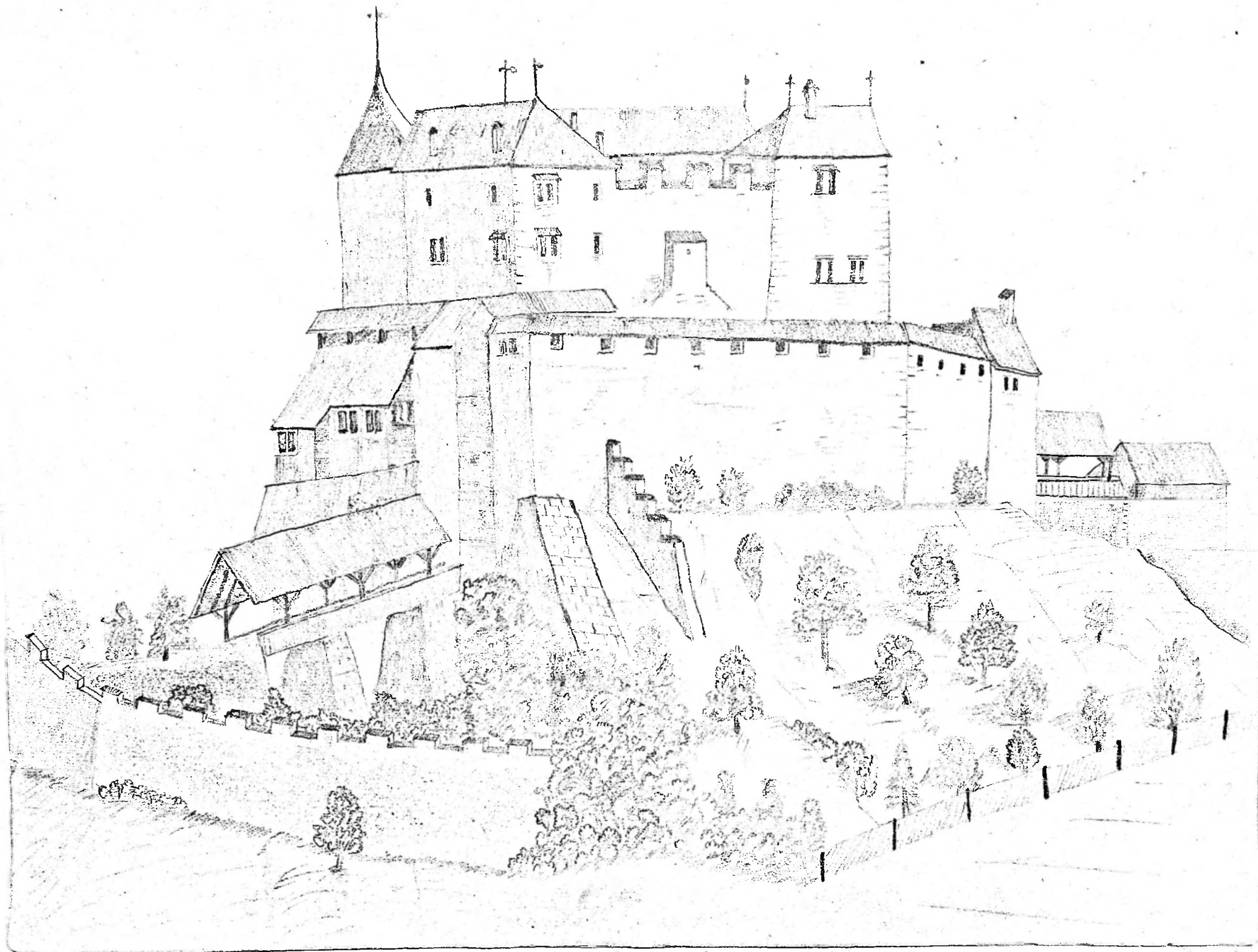
• mehr als 2x, weniger als 2x zugenommen. Abnahme.

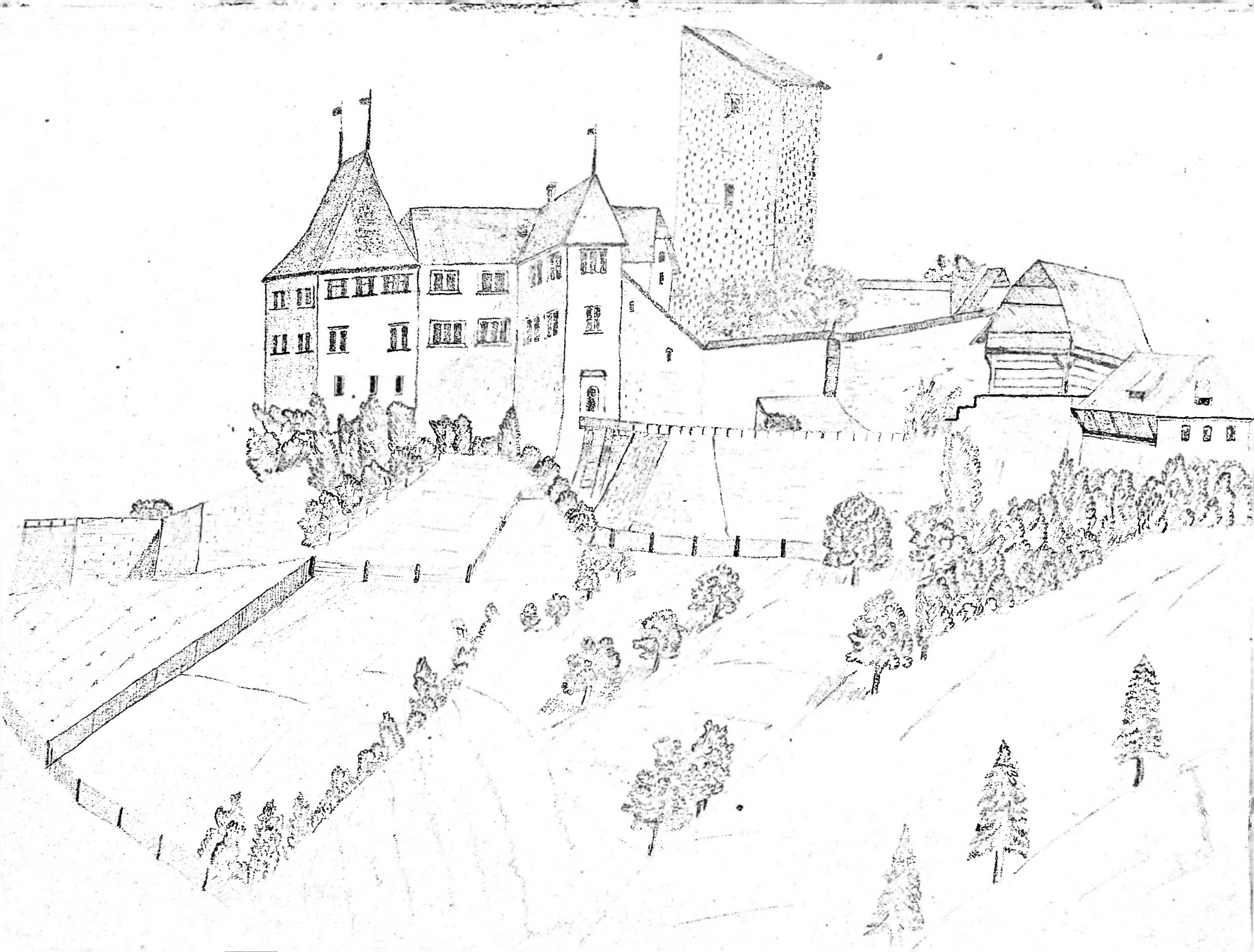


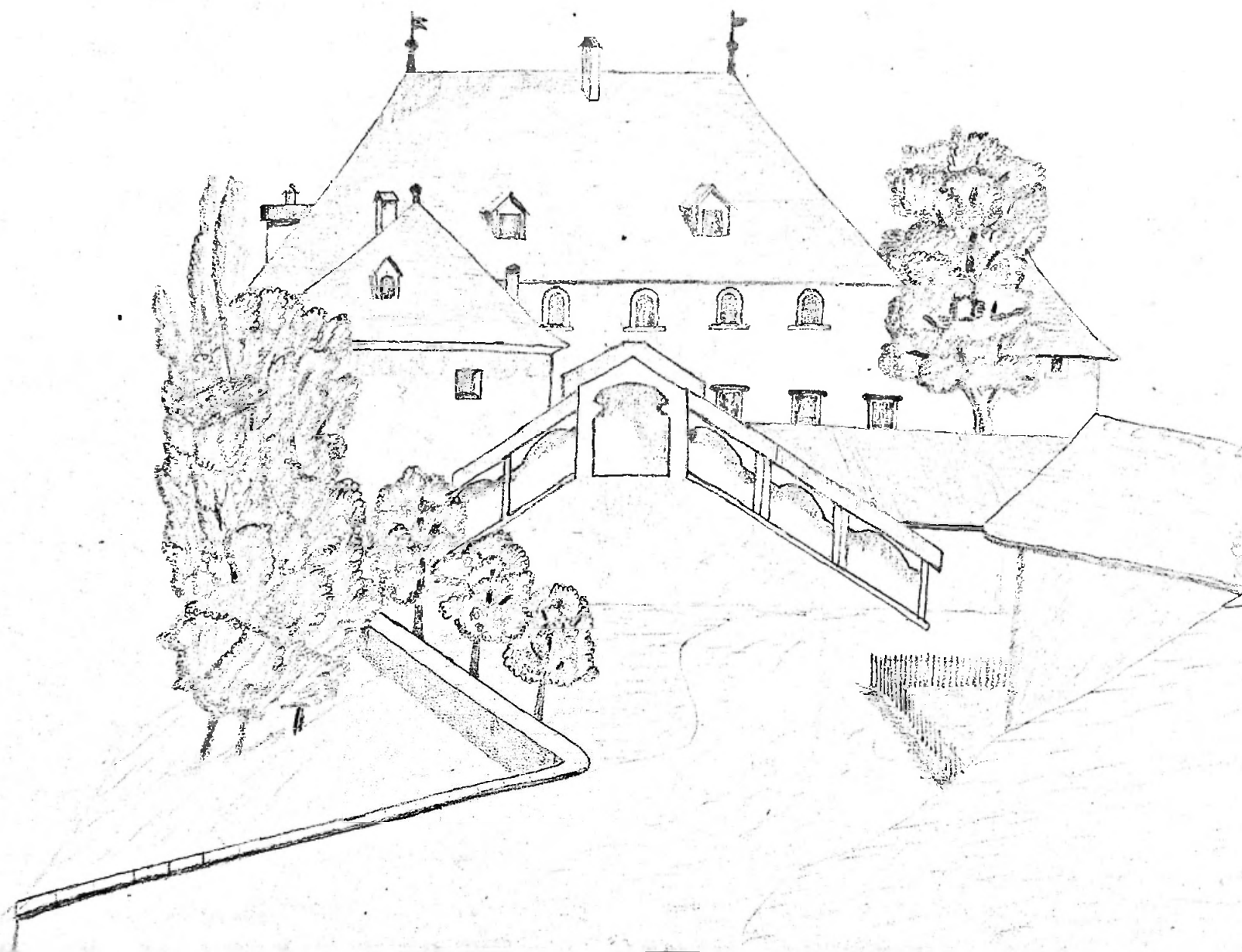


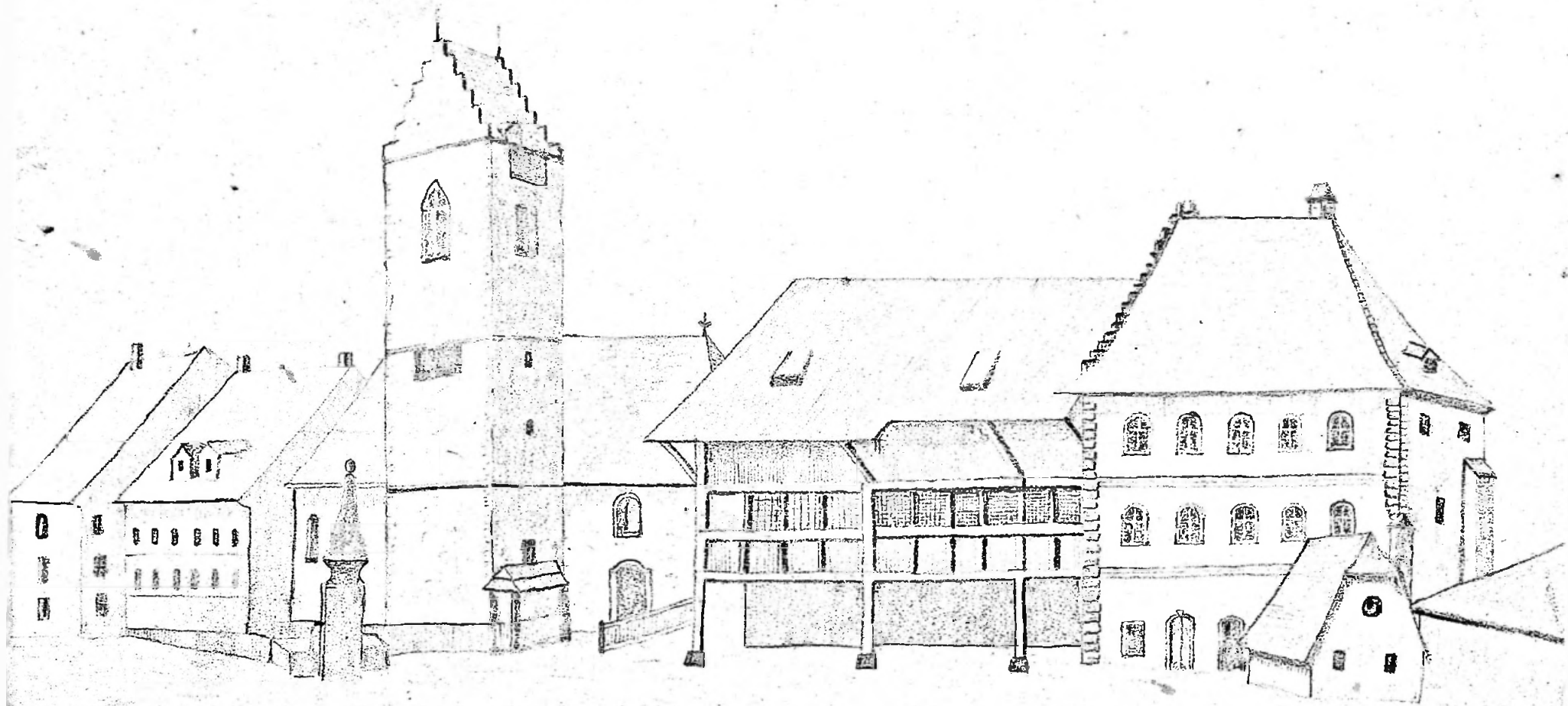




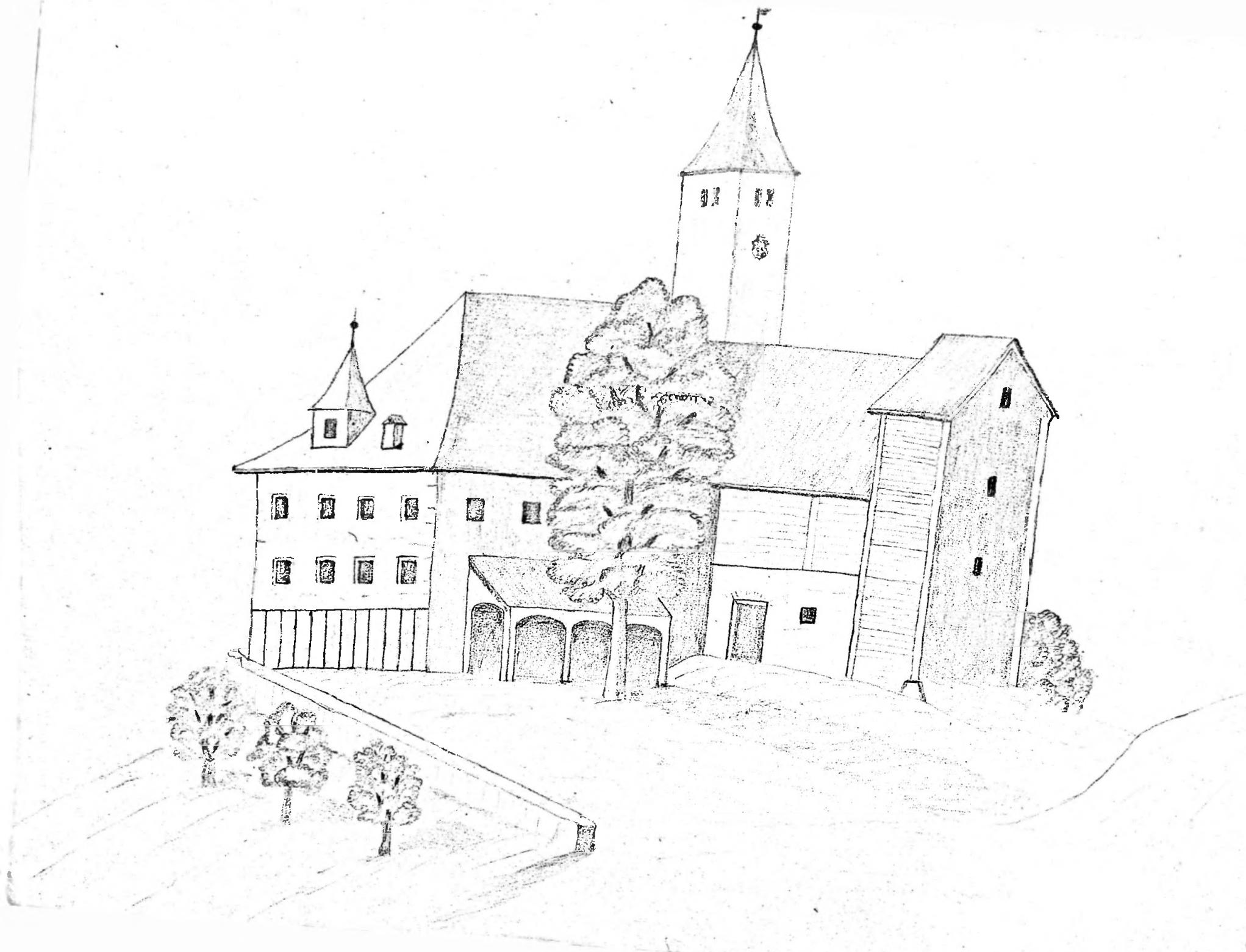


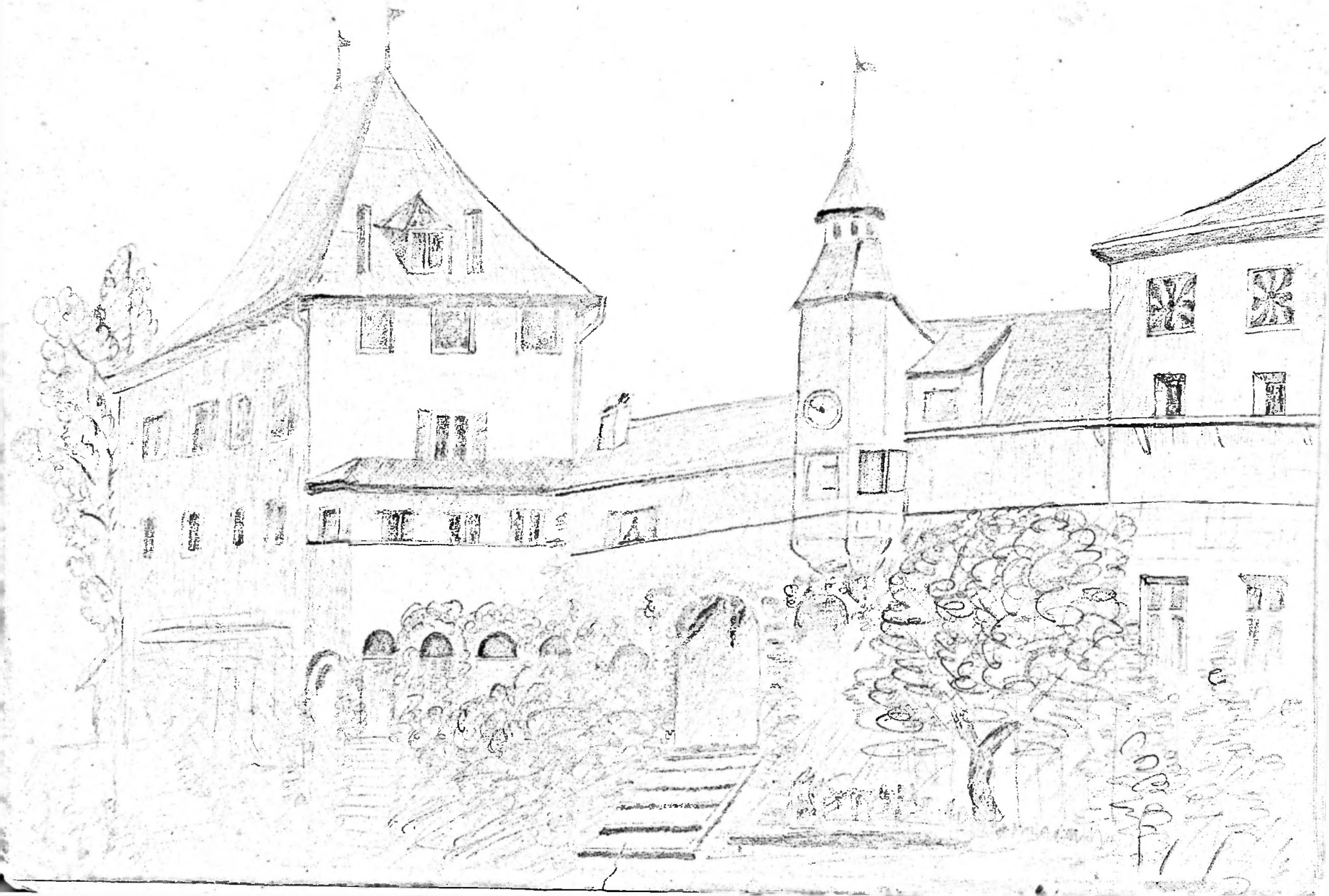


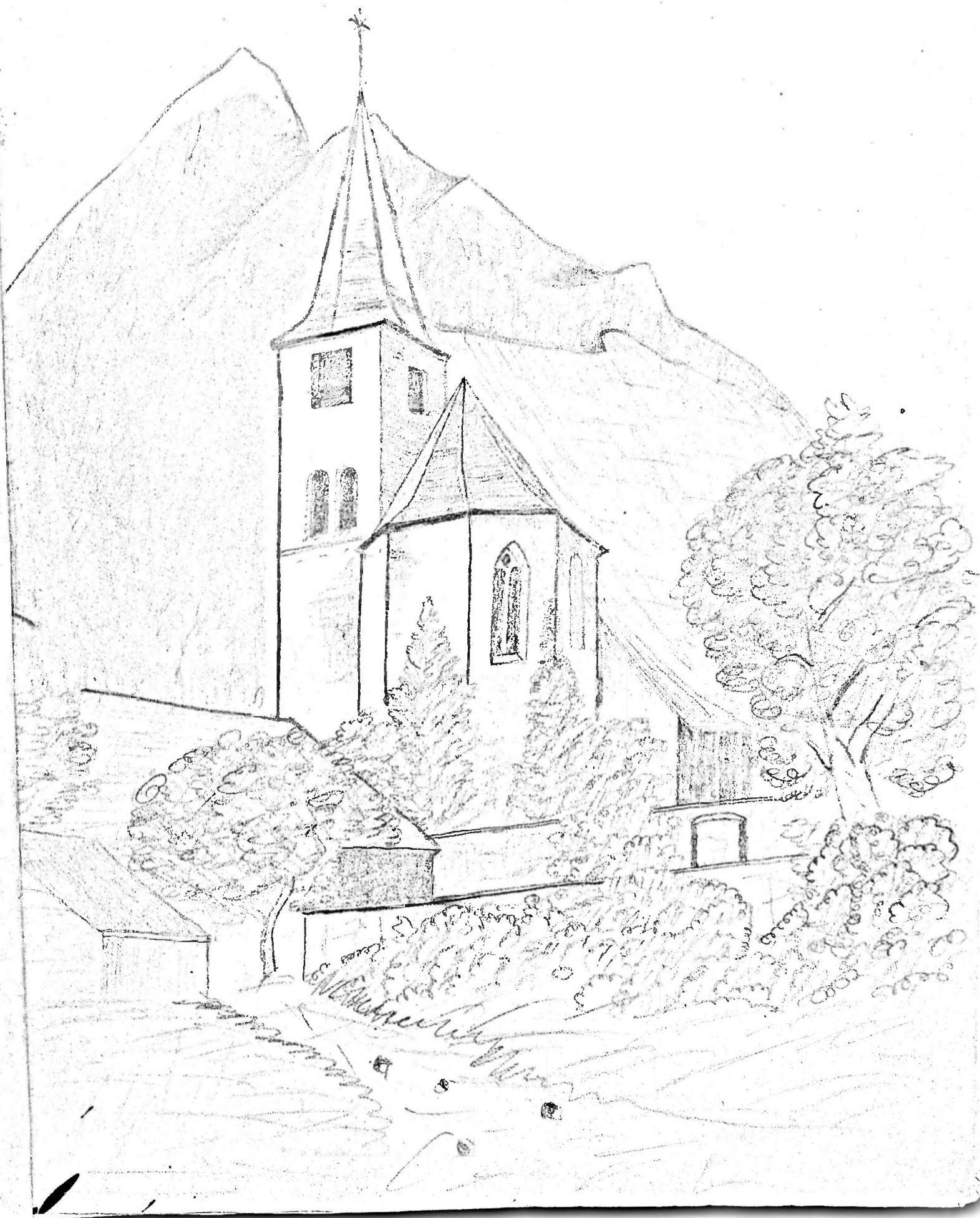


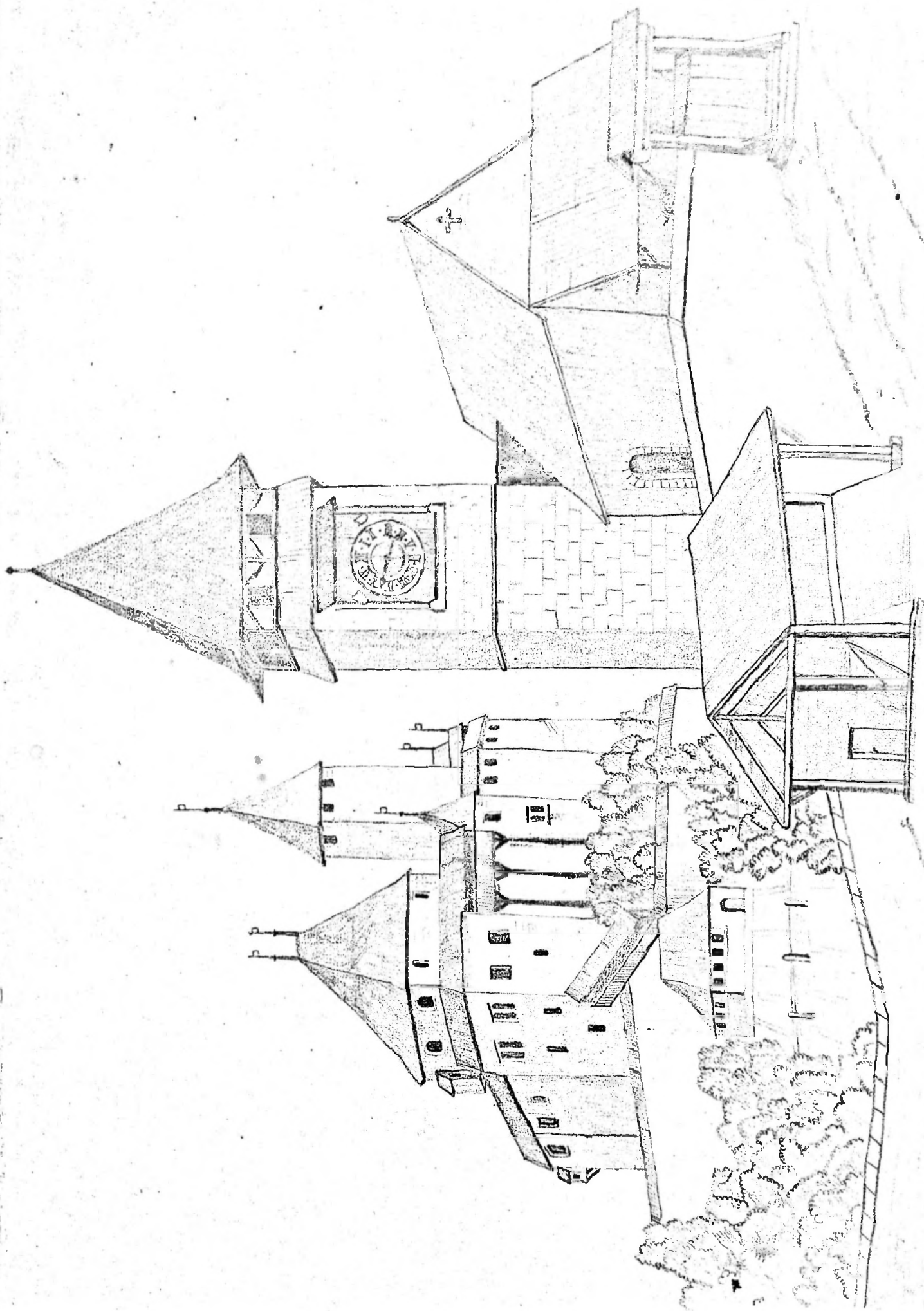


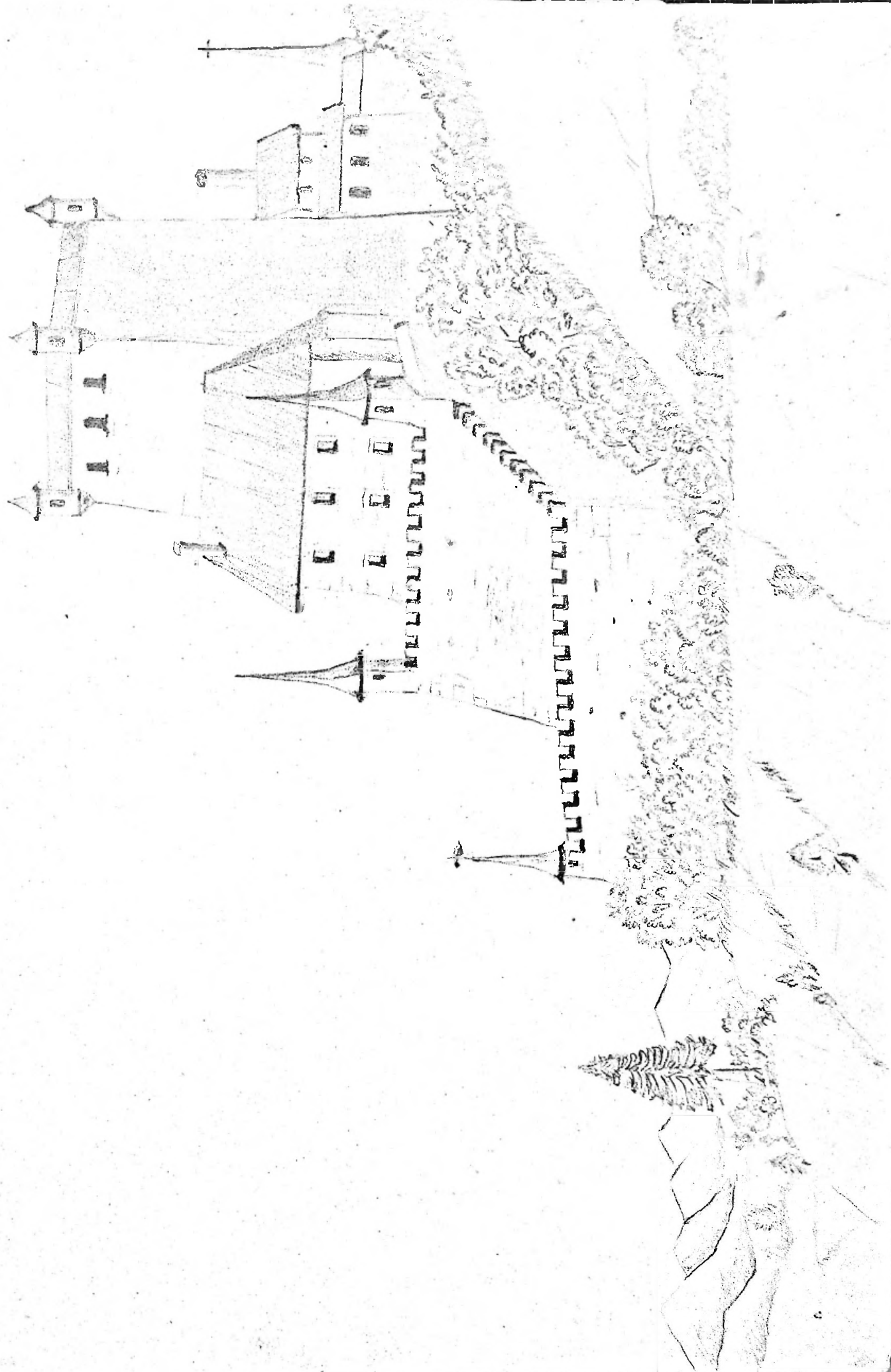


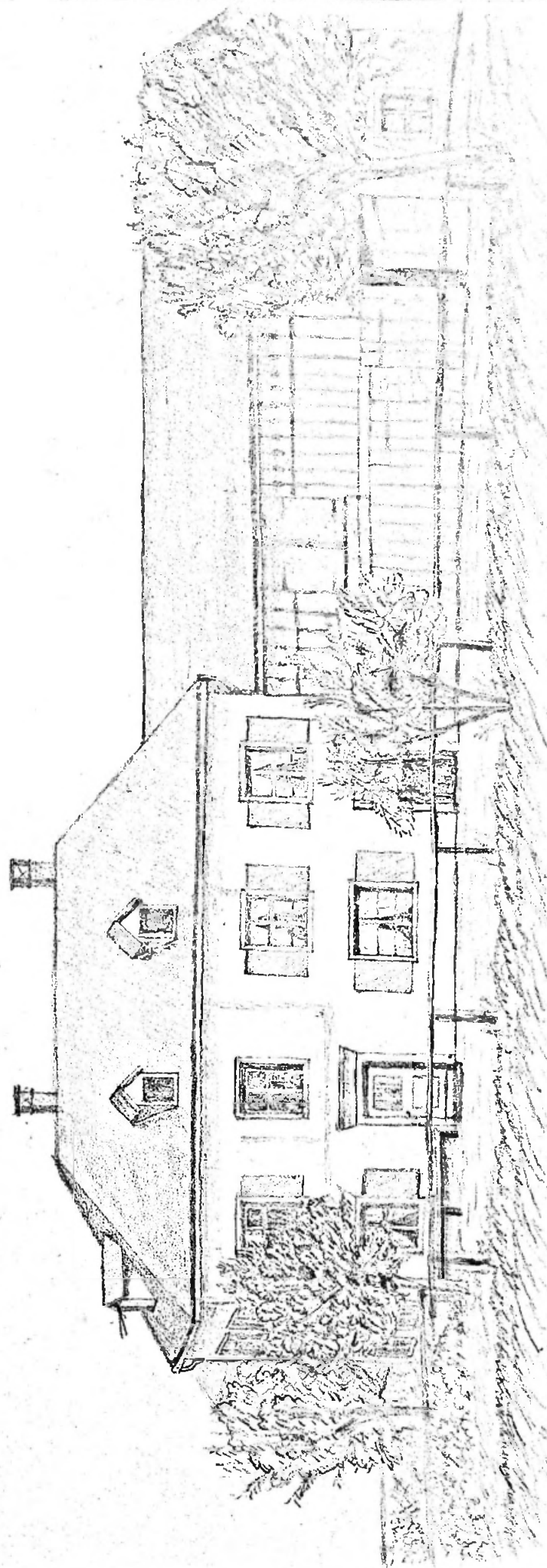


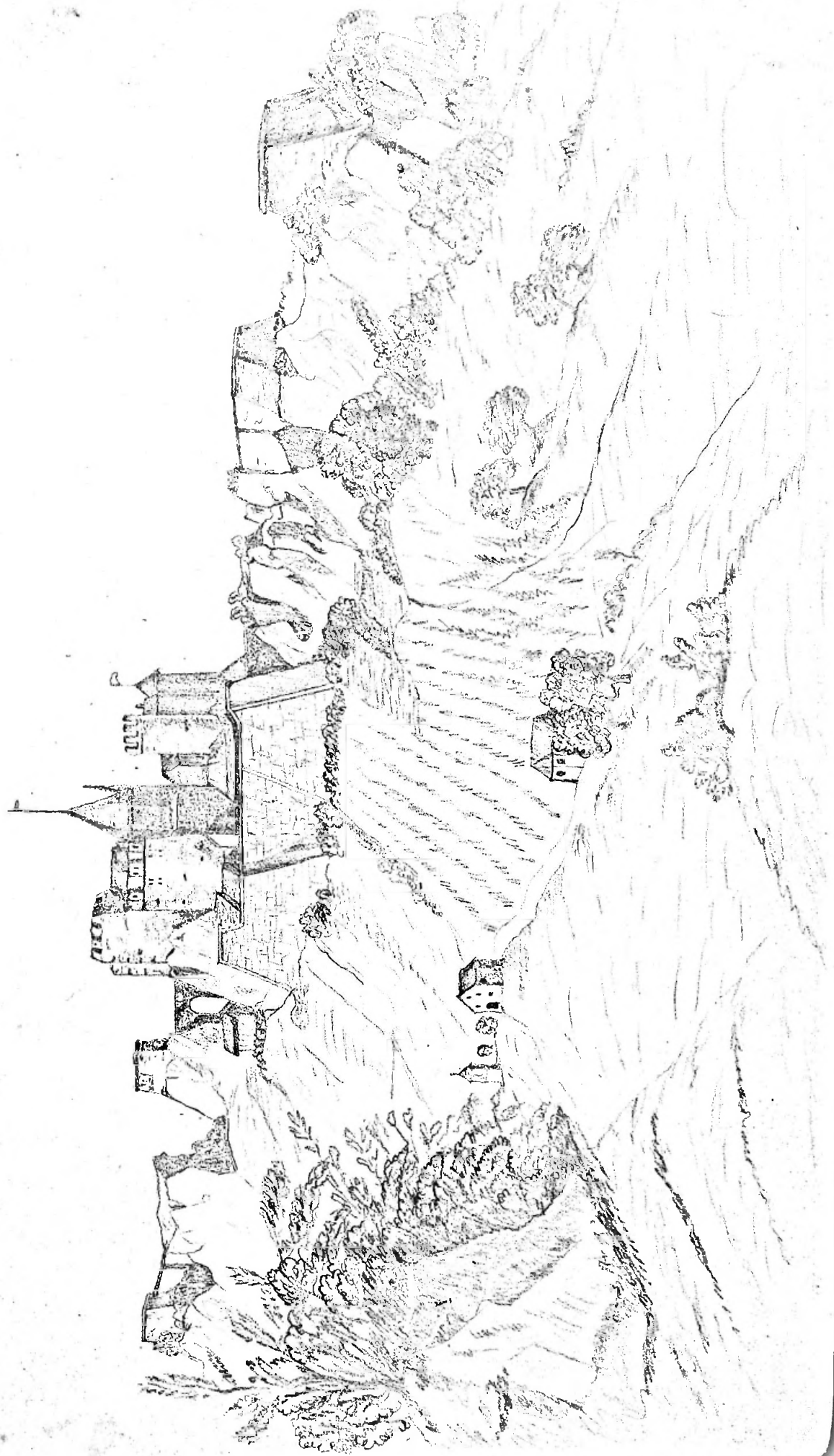


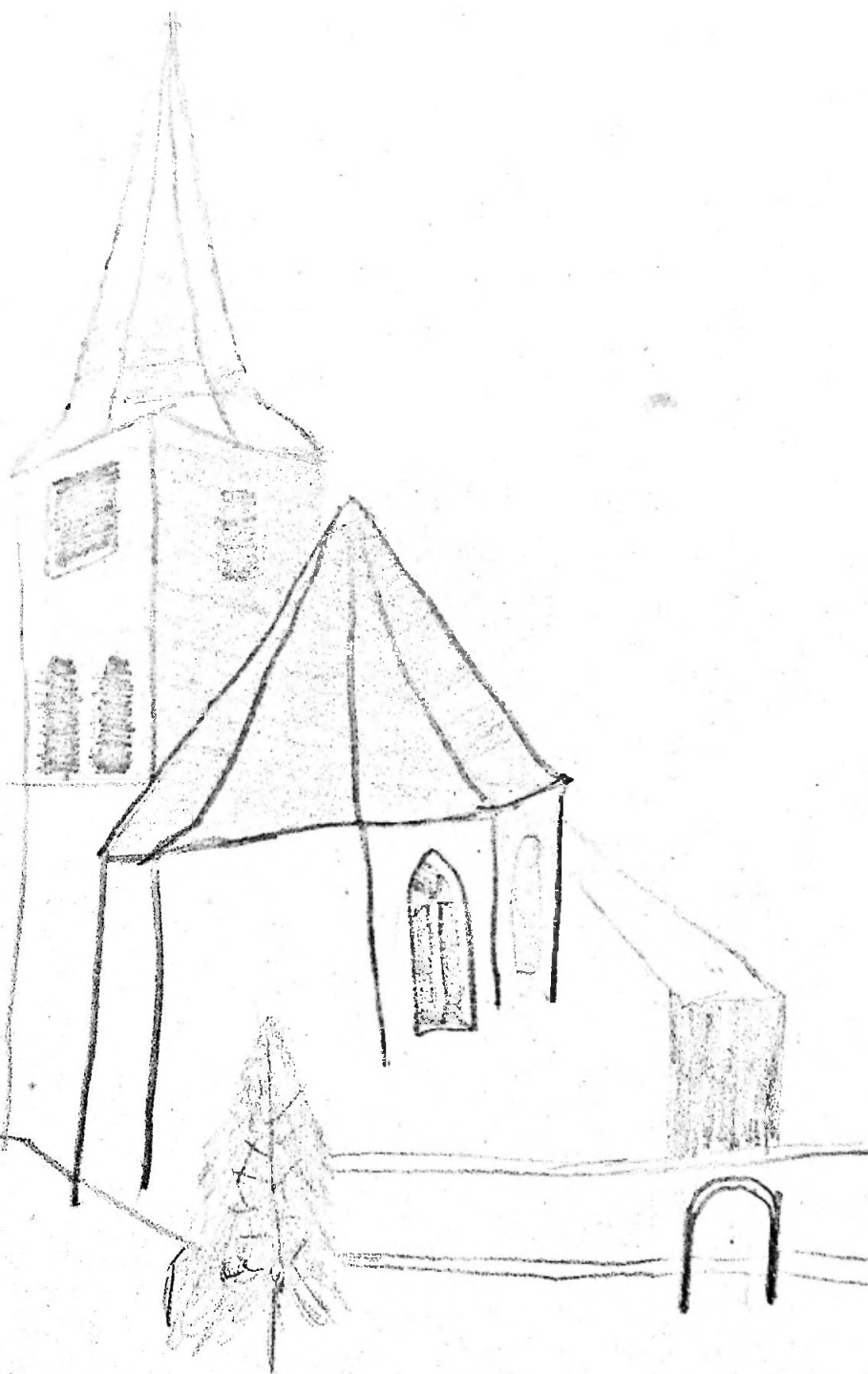












Moterrad



EGQ MVL

Sankt Gatte
Sankt Gabben



Bemerkung: Geholfen
UEML BRW PRxz

Kameda



aäirhent

SEG T

am

Echse



NGM FBTADL

Die Hange



reong F ABD

De Fason



äme, psetdf

S' Fasäp 41

60REZENWO

Nacht + F + Nacht ämpchen



Seg Futte



äbmgeu ist df

Karten



auorp m BAK d

Geschnett