

## **Bachelor-Thesis an der Hochschule Luzern - Technik & Architektur**

<b>Titel</b>	<b>Weiterbauen am Dorfzentrum Roggwil</b>
<b>Diplomandin/Diplomand</b>	<b>Spillmann, Leandro</b>
<b>Bachelor-Studiengang</b>	<b>Bachelor Architektur</b>
<b>Semester</b>	<b>FS20</b>
<b>Dozentin/Dozent</b>	<b>Seifert, Annika</b>
<b>Expertin/Experte</b>	<b>Riemer, Thomas</b>

### **Abstract Deutsch**

Umgestaltung des Sekundarschulareals der Gemeinde Roggwil mit zusätzlichen Schulzimmern und einer neuen Aula.

### **Abstract Englisch**

Redesign of the area of the secondary school of Roggwil with additional school rooms and a new auditorium.

Ort, Datum Luzern, 18.6.2020  
© Leandro Spillmann, Hochschule Luzern – Technik & Architektur

---

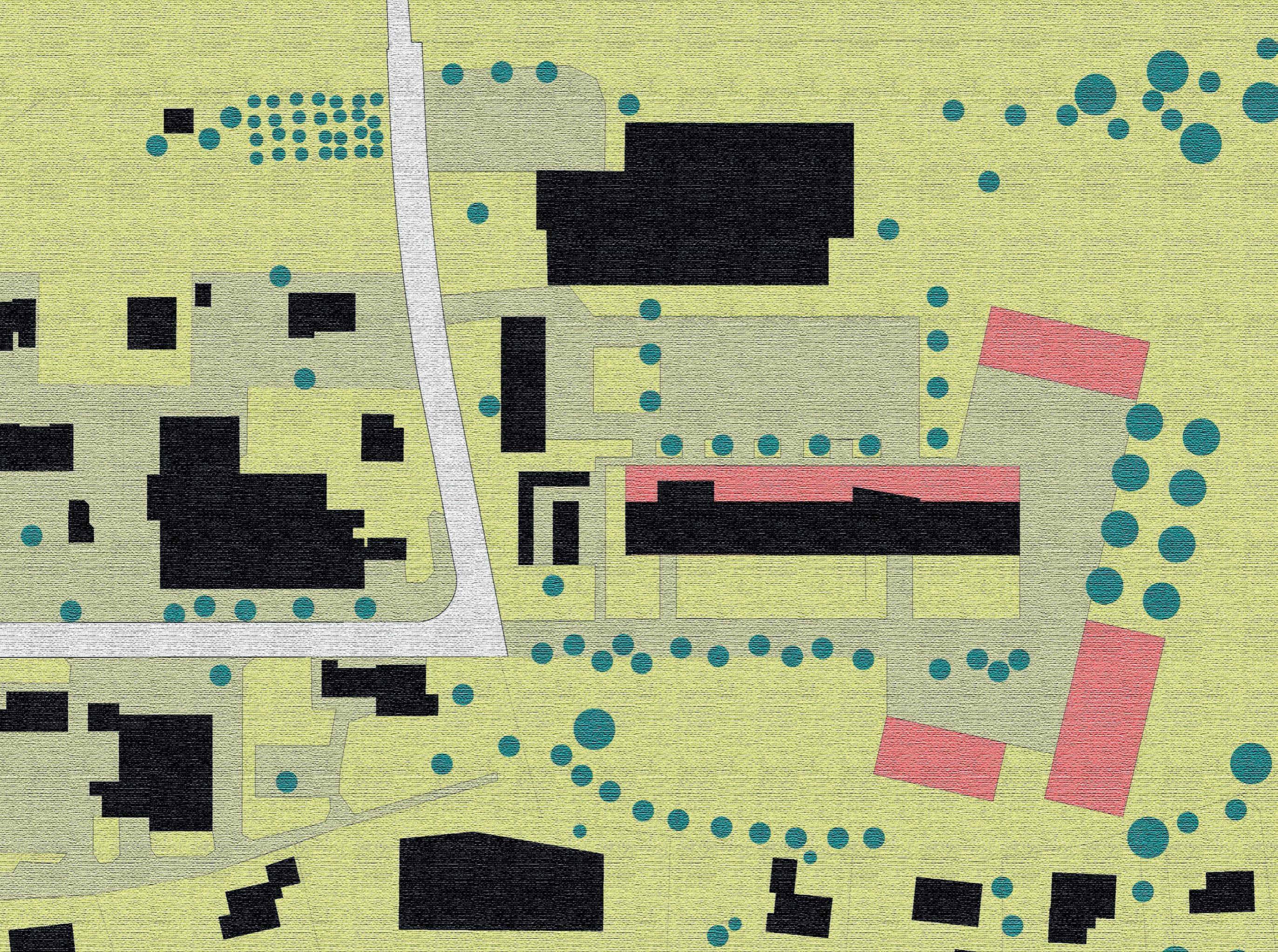
Alle Rechte vorbehalten. Die Arbeit oder Teile davon dürfen ohne schriftliche Genehmigung der Rechteinhaber weder in irgendeiner Form reproduziert noch elektronisch gespeichert, verarbeitet, vervielfältigt oder verbreitet werden.

Sofern die Arbeit auf der Website der Hochschule Luzern online veröffentlicht wird, können abweichende Nutzungsbedingungen unter Creative-Commons-Lizenzen gelten. Massgebend ist in diesem Fall die auf der Website angezeigte Creative-Commons-Lizenz.

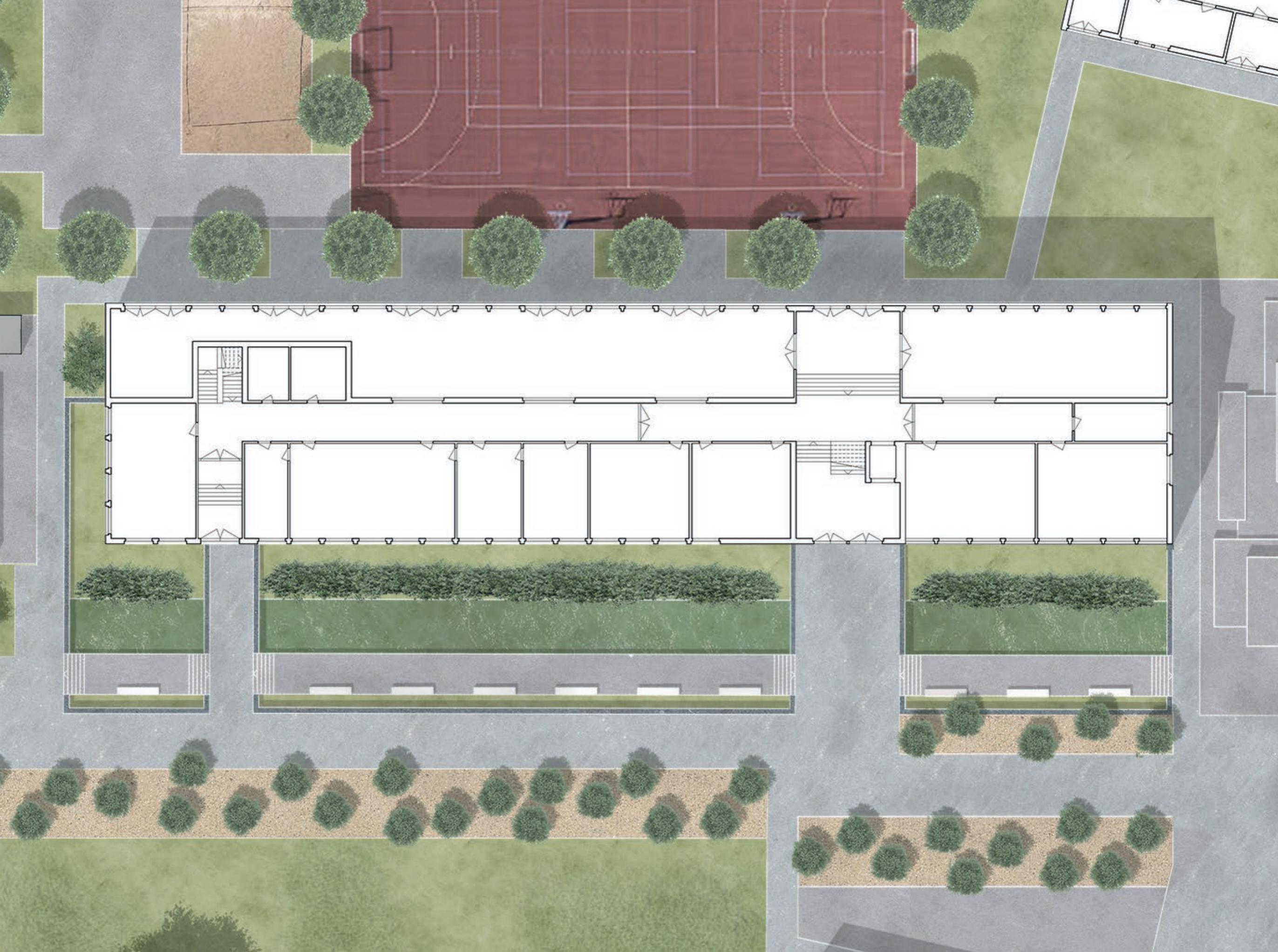
»Weiterbauen am Dorfzentrum Roggwil«

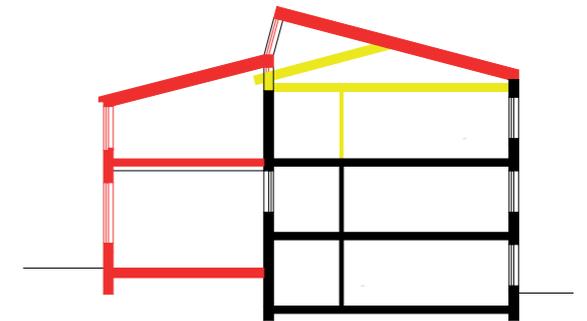
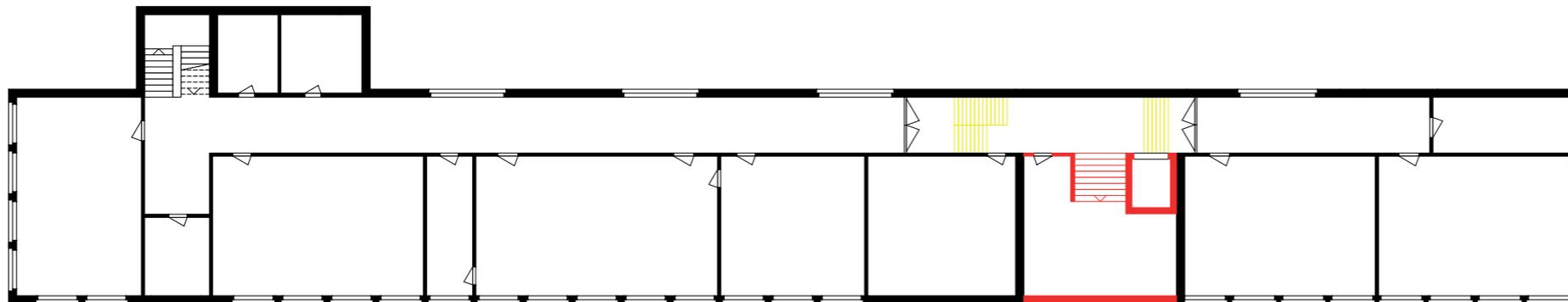
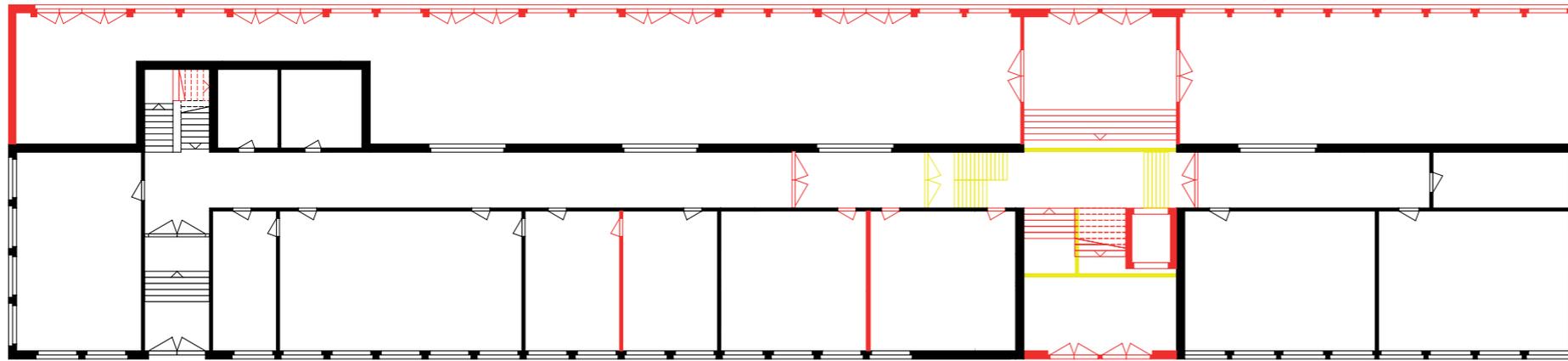
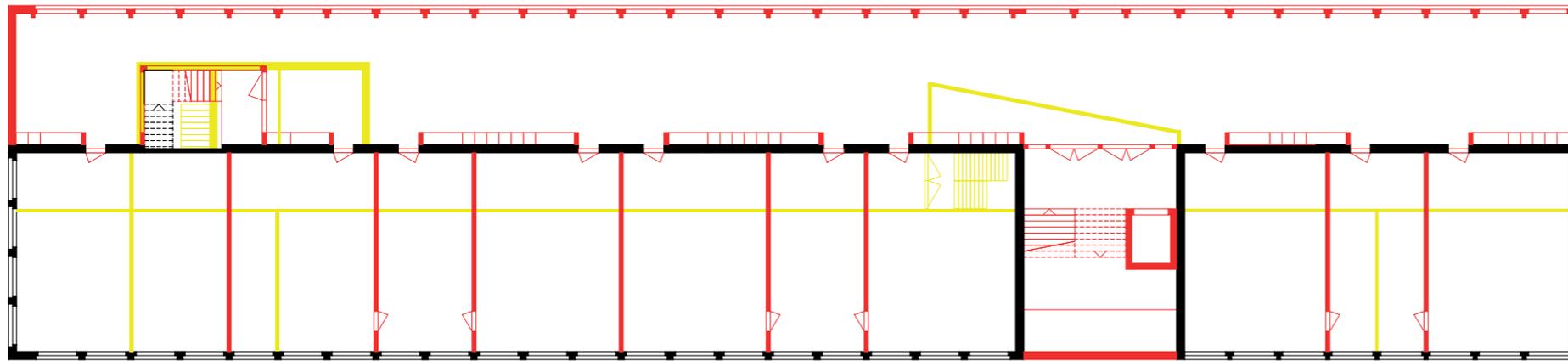
Bachelor-Thesis | Schlusskritik | 24. Juni 2020 | Leandro Spillmann

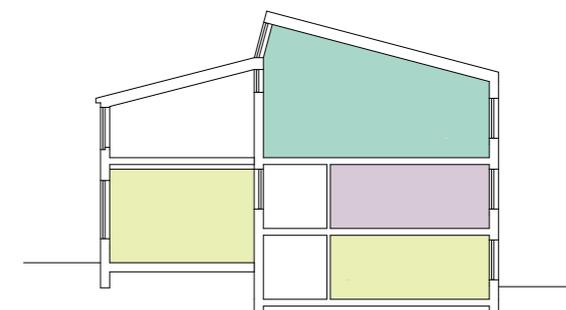
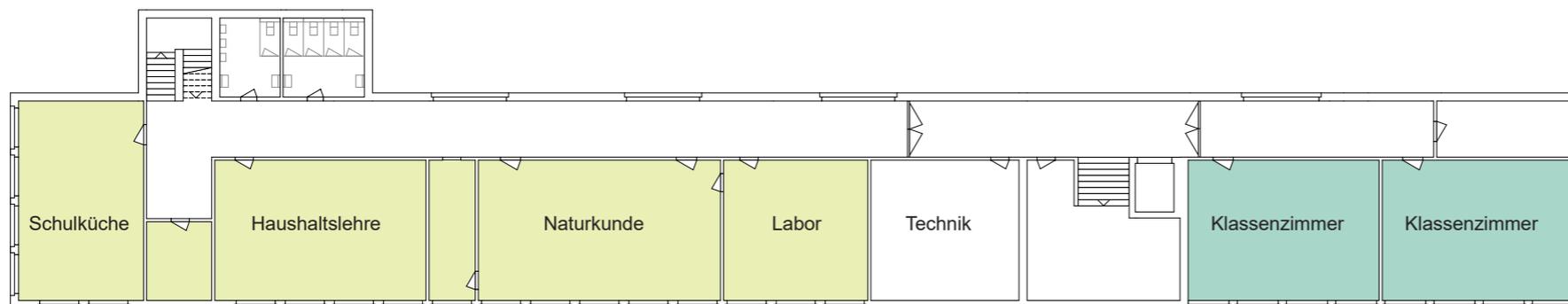
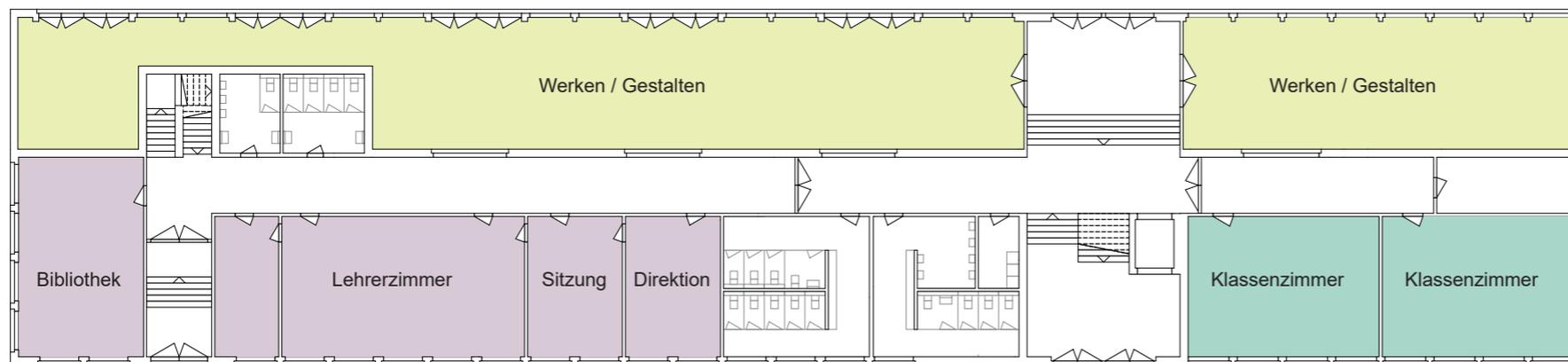
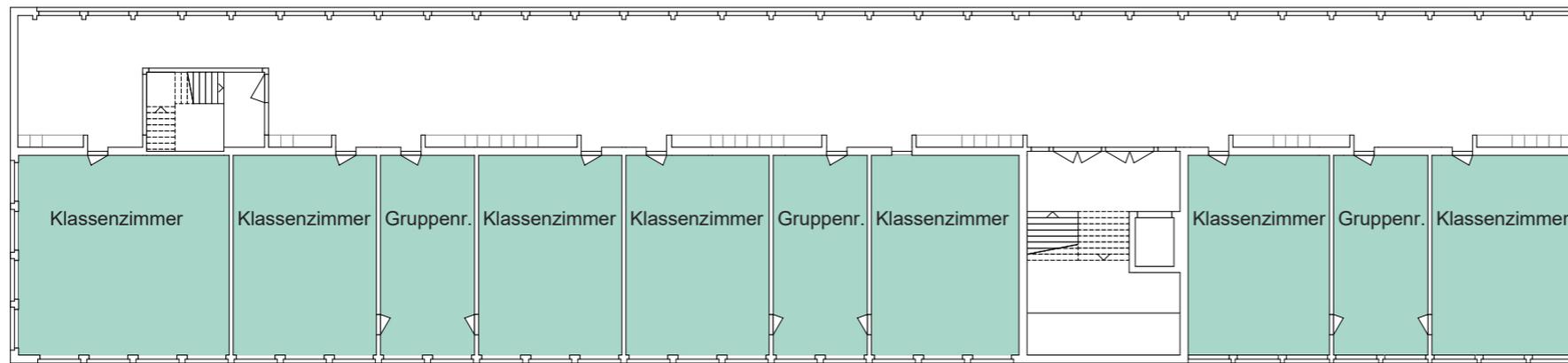








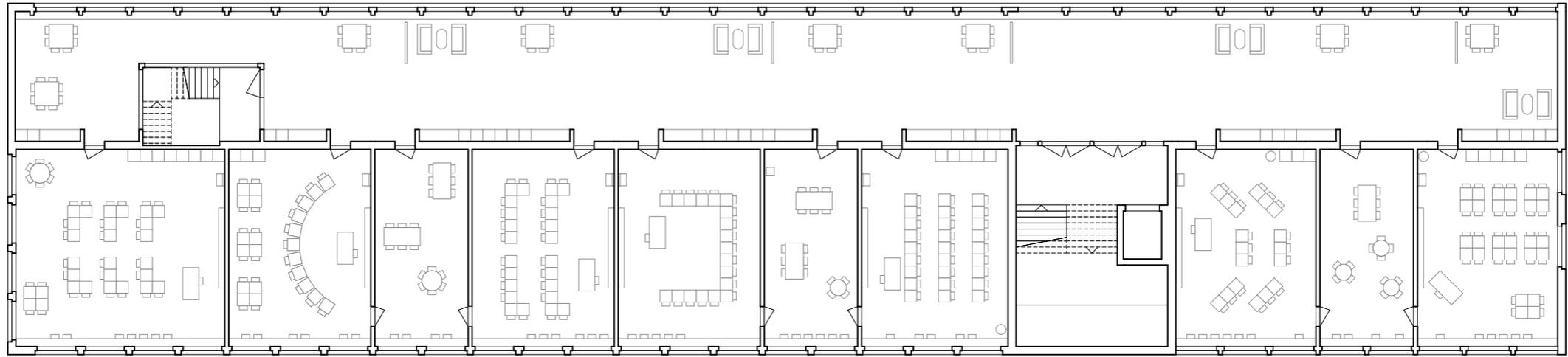




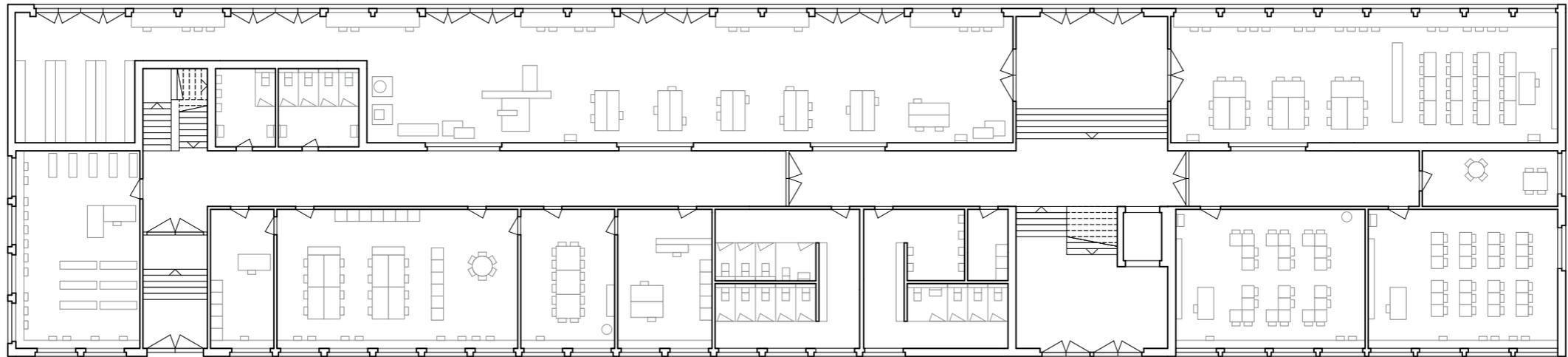
- Klassenräume
- Fachräume
- Zentrale Dienste



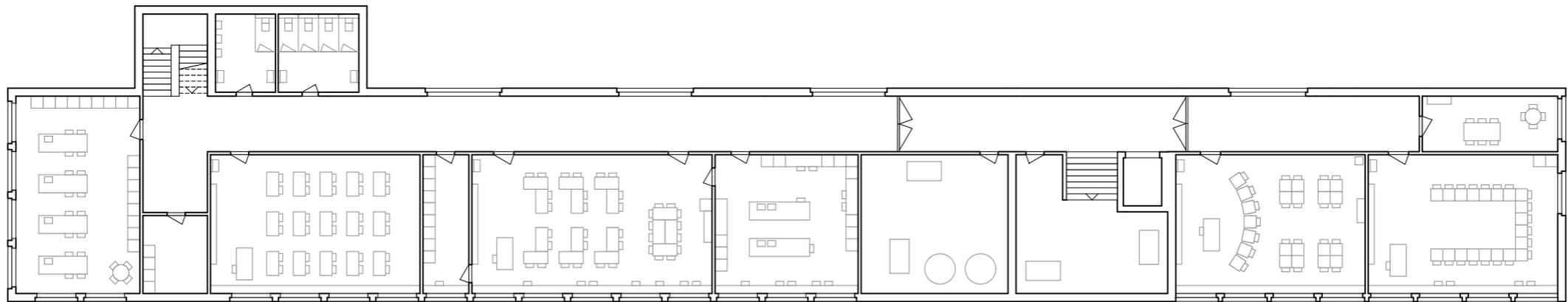
OG



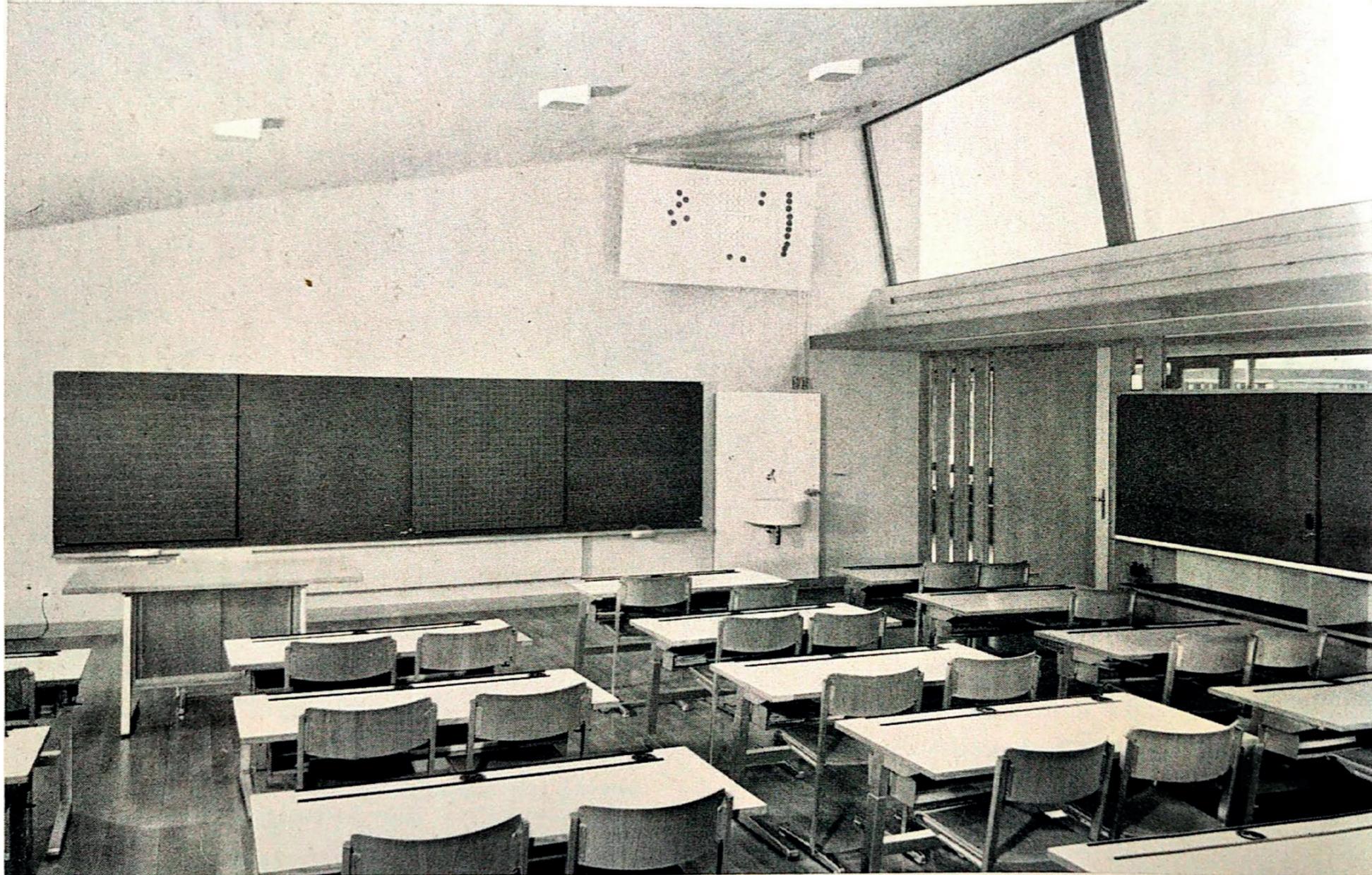
EG



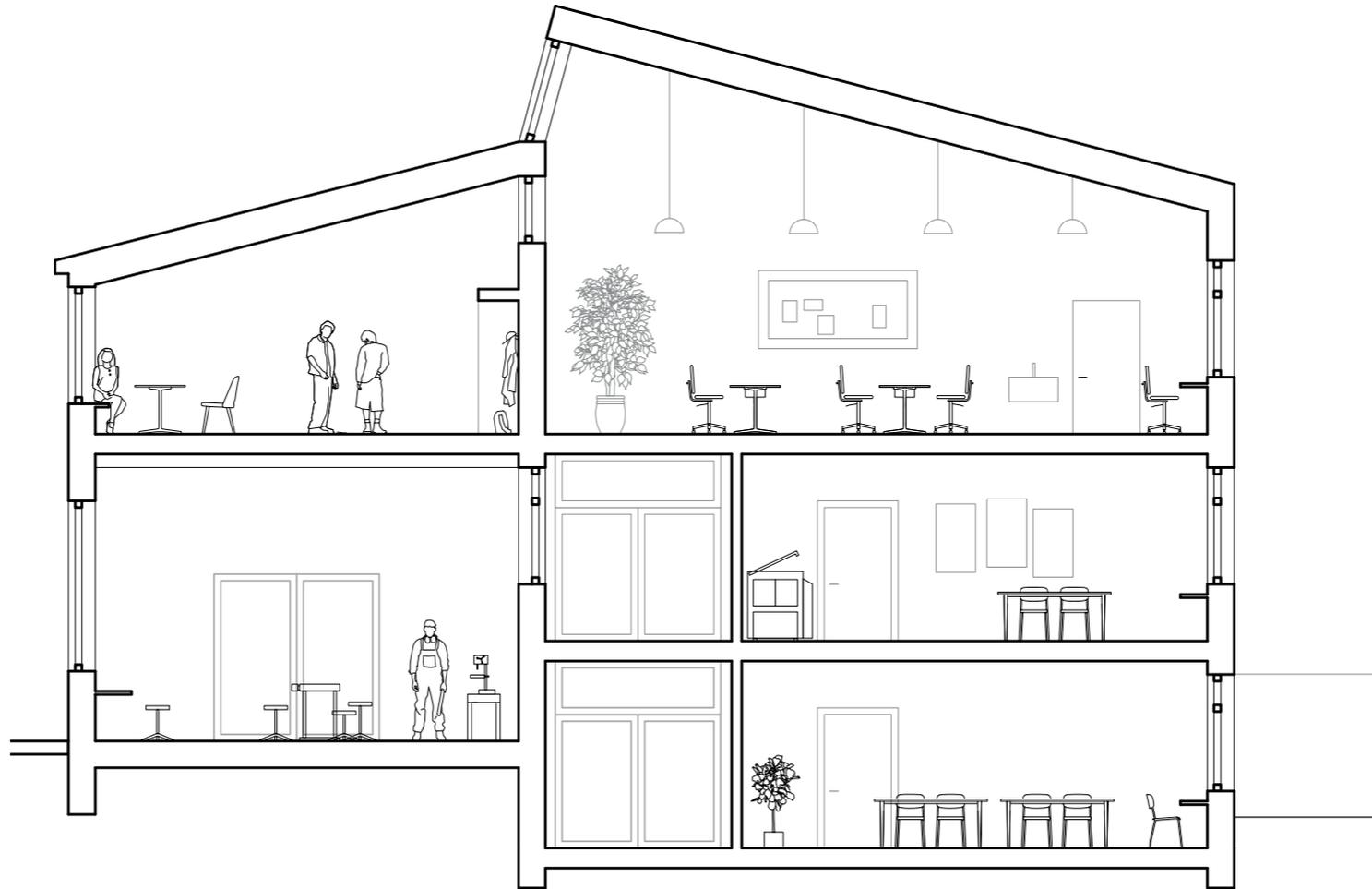
UG



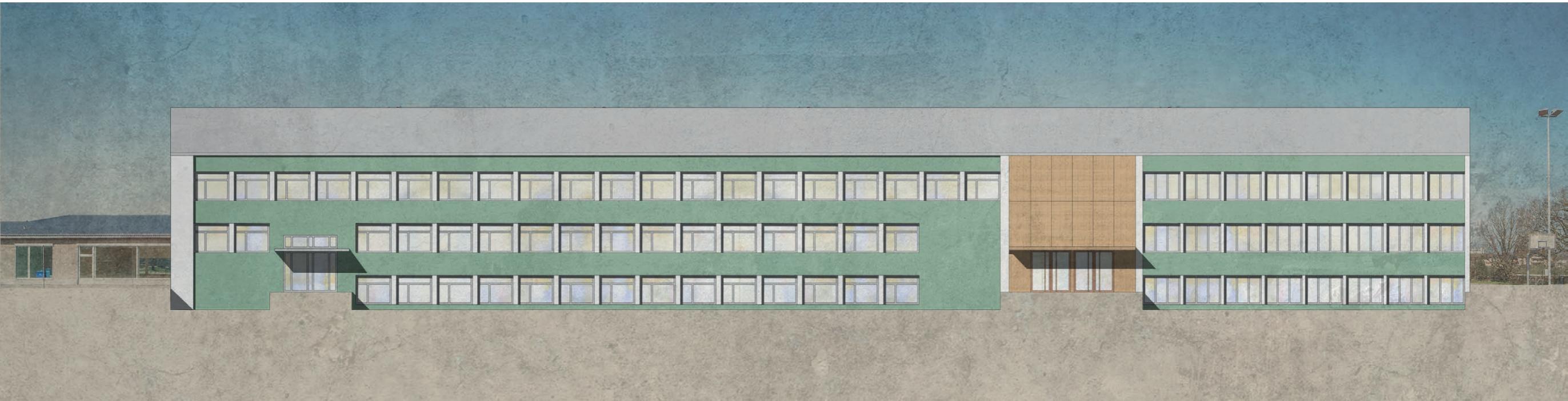
0 1m 5m



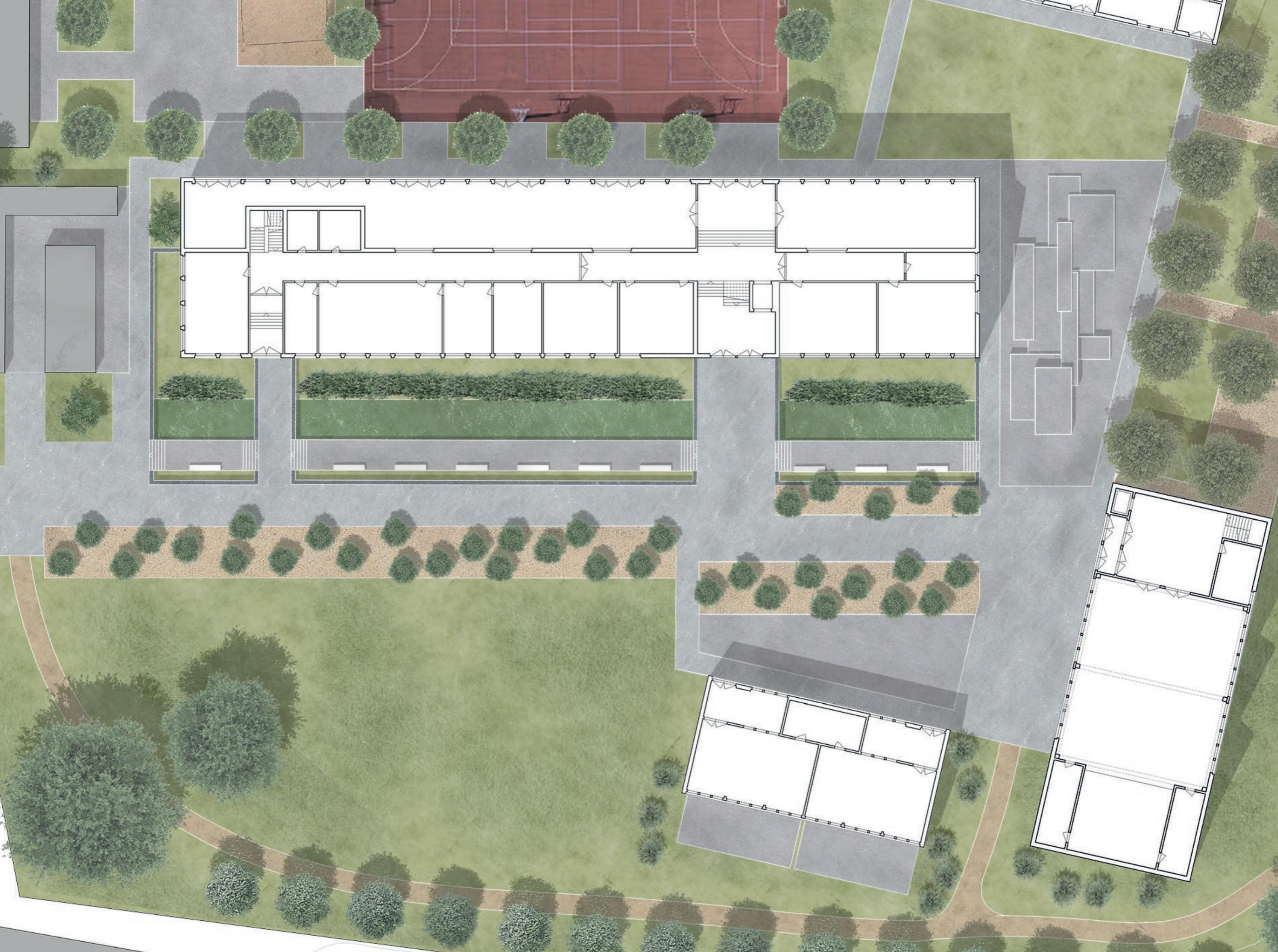


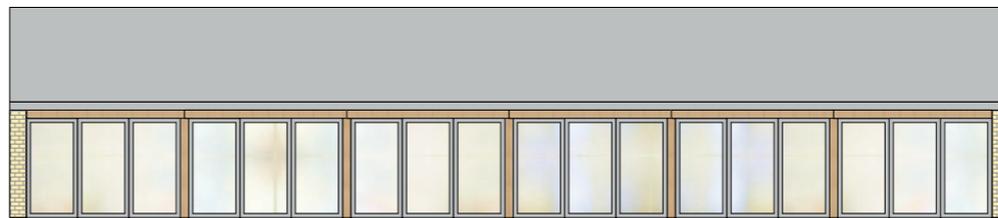
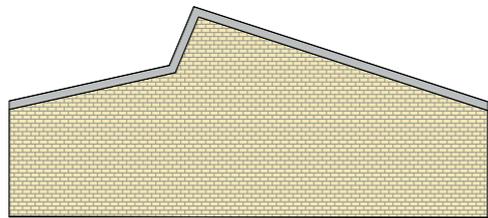
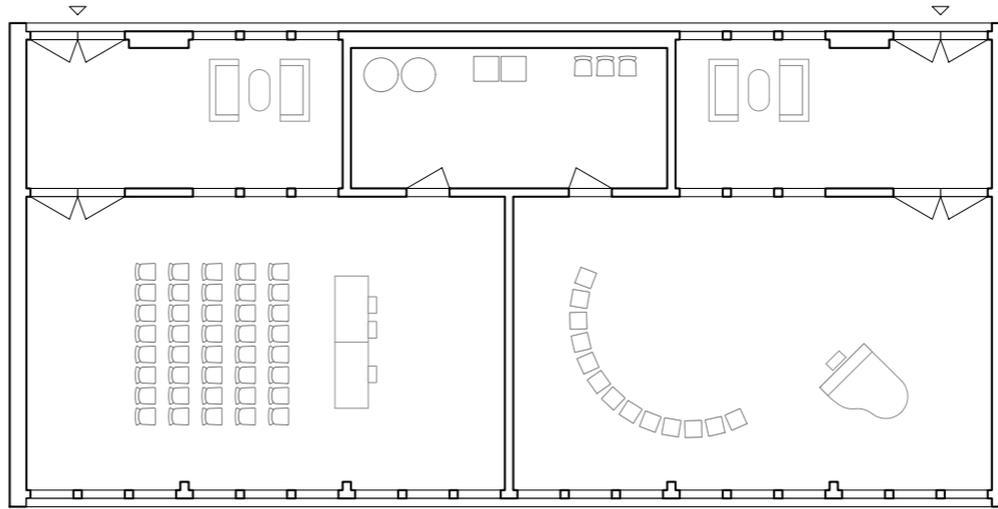
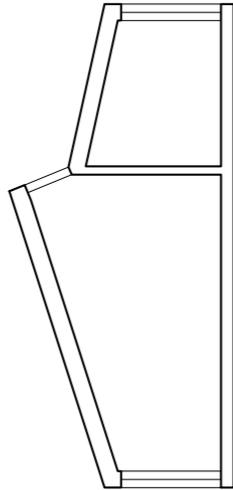
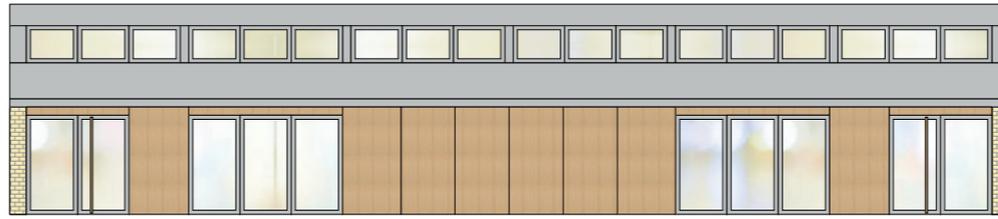
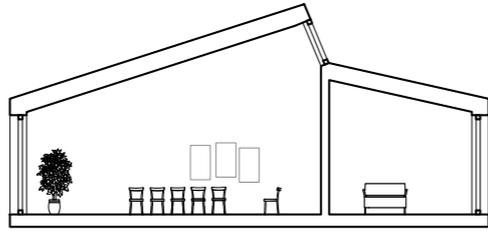


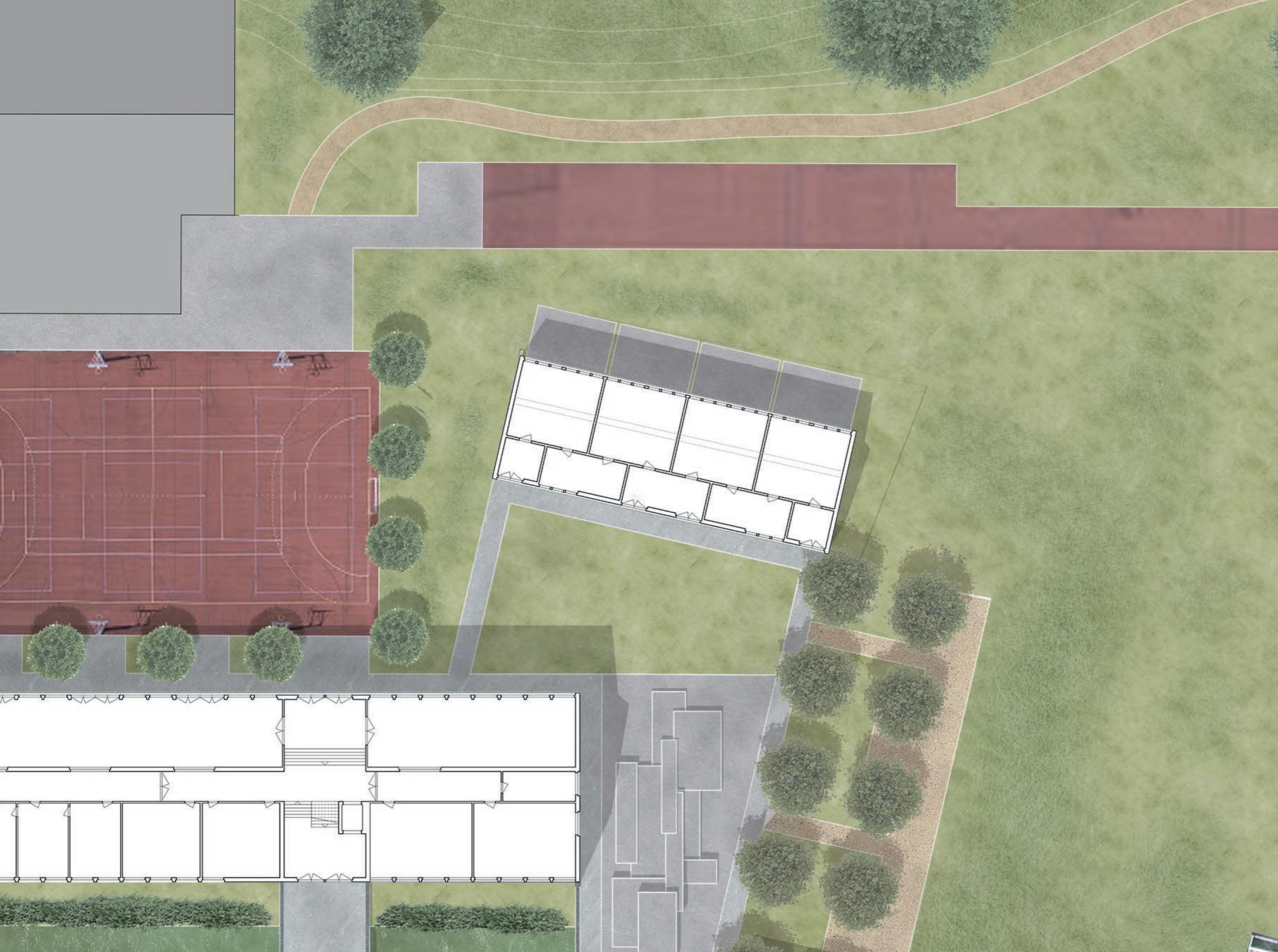


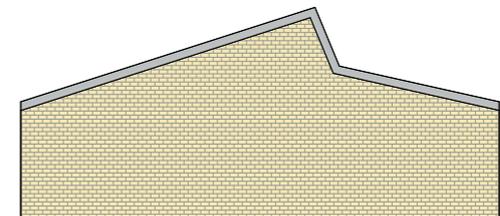
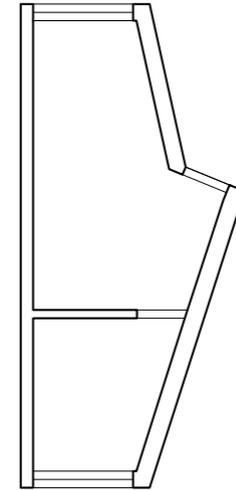
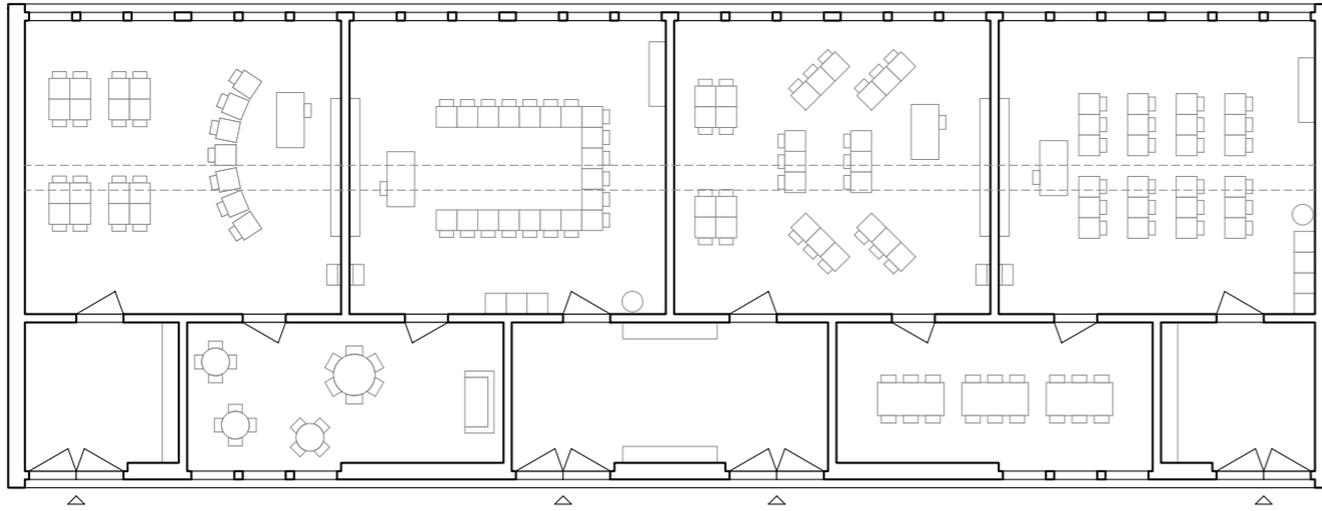
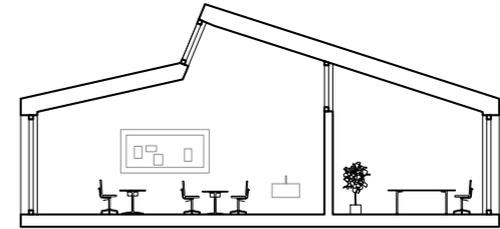
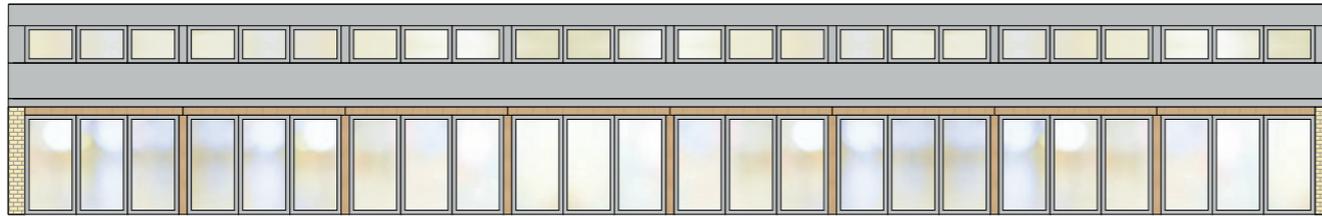


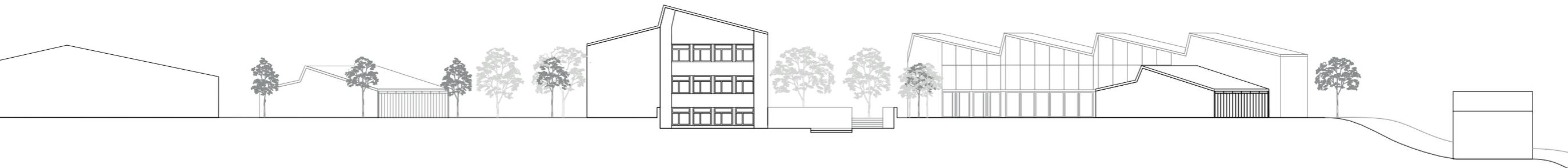








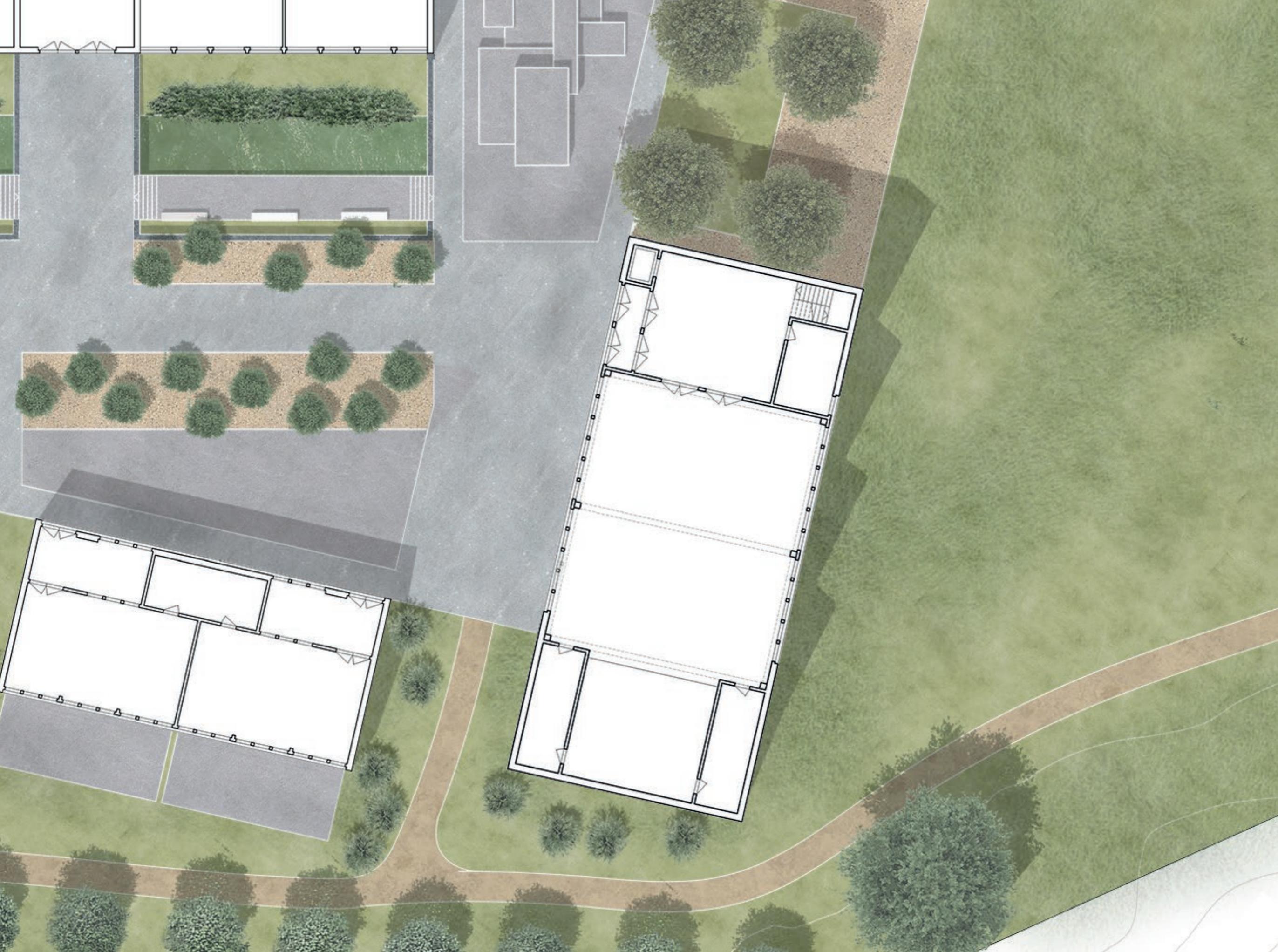


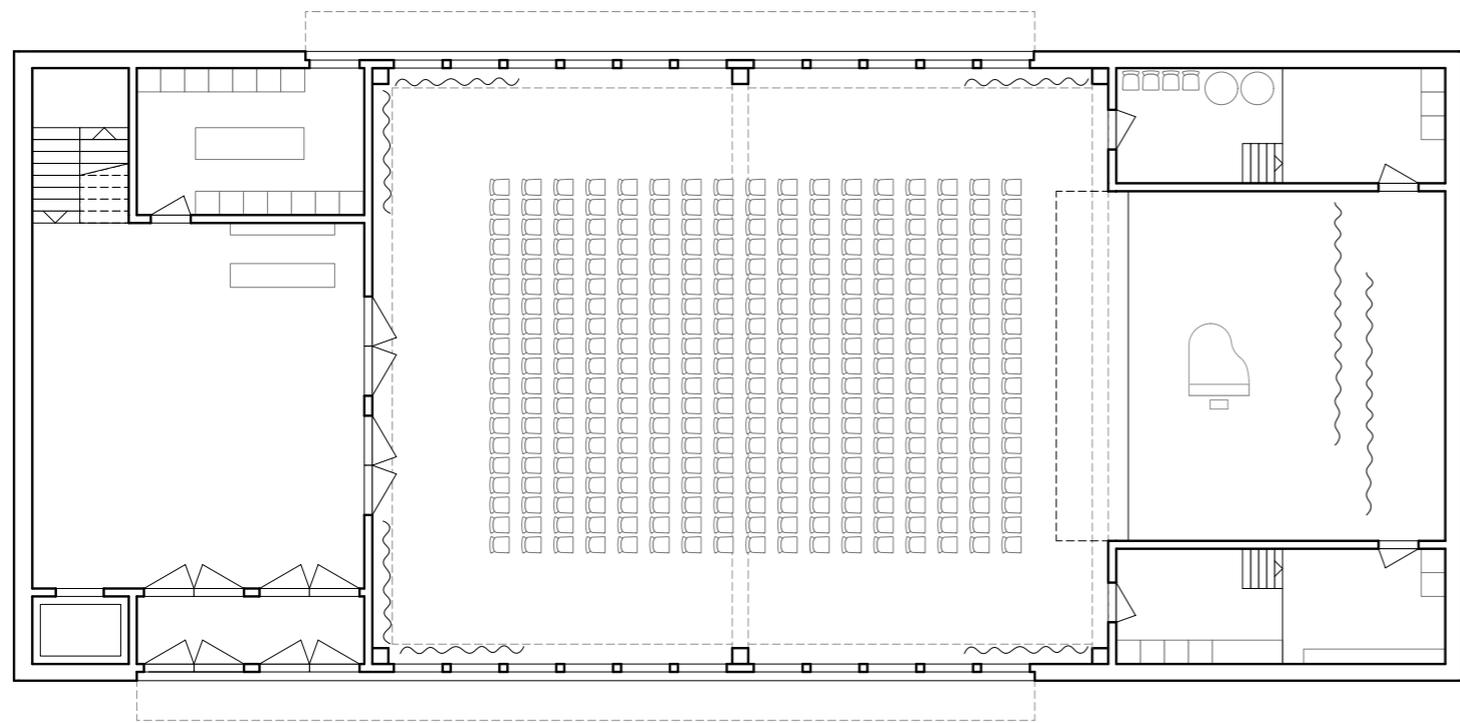
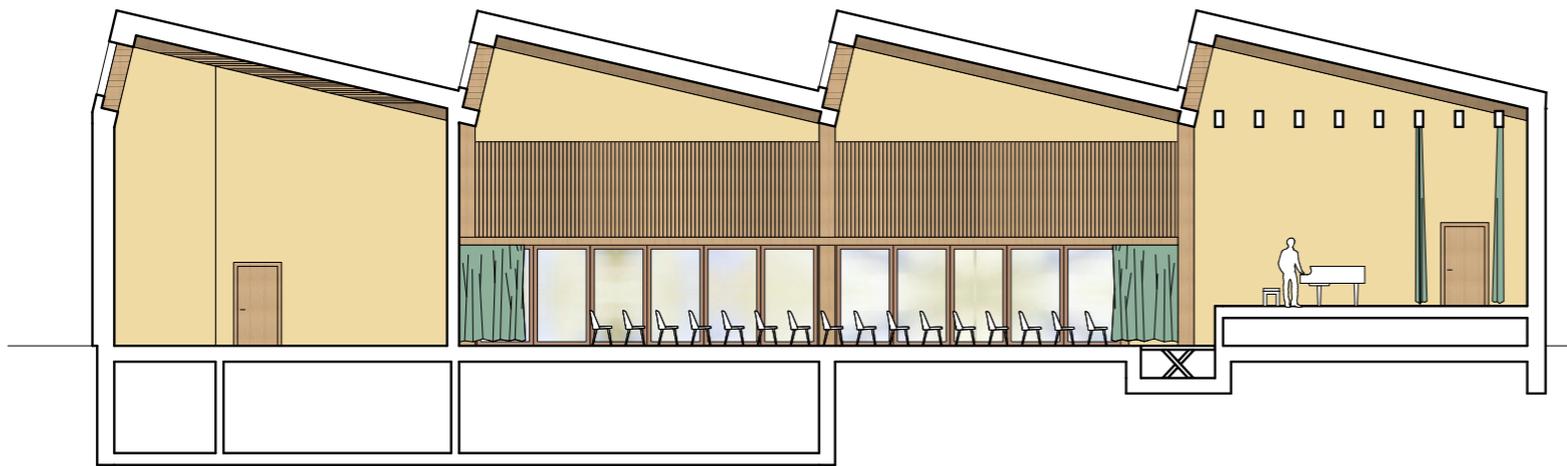


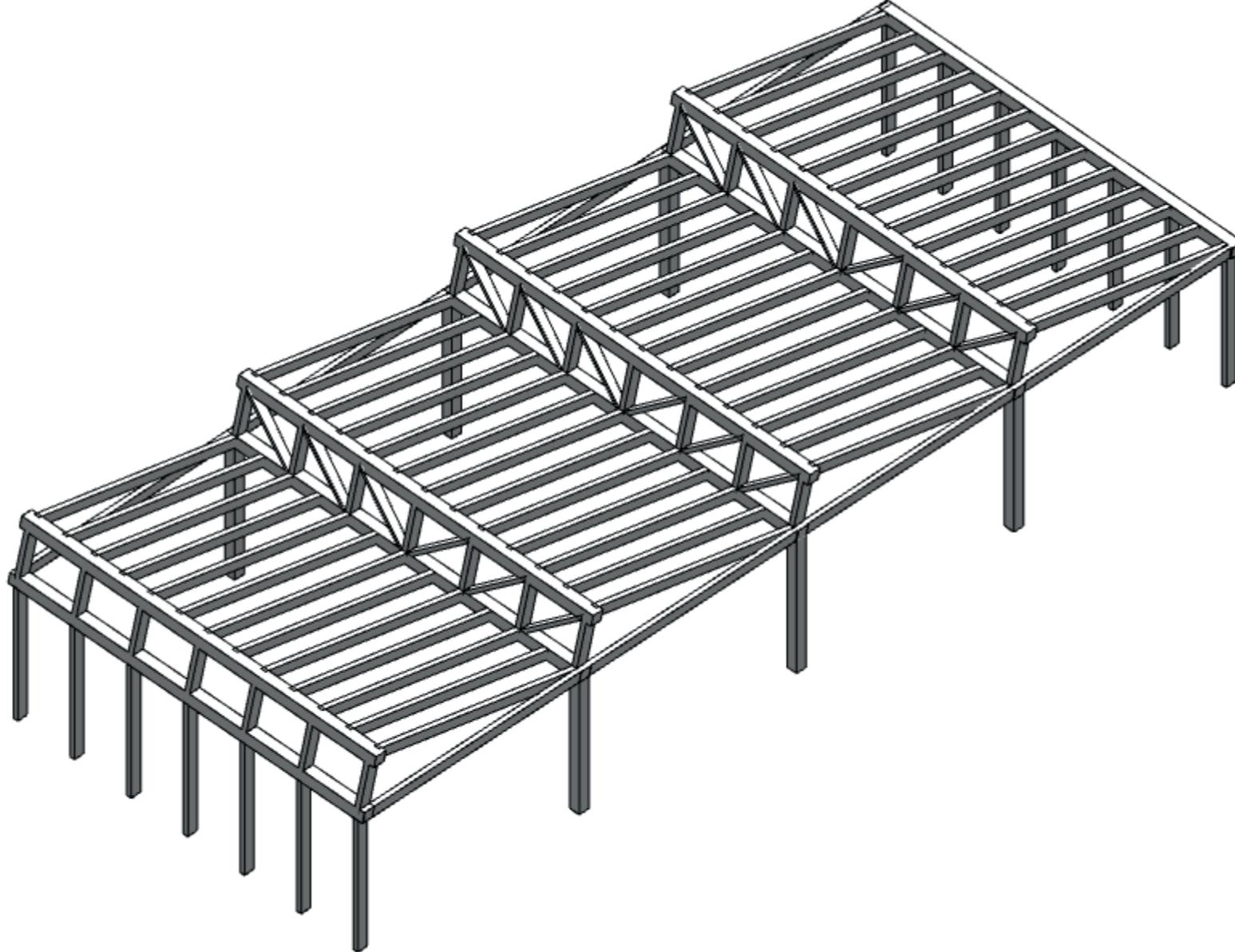


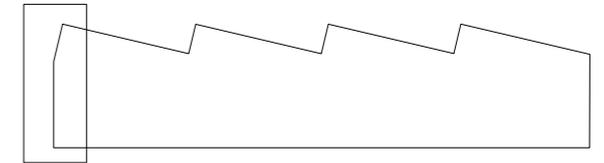
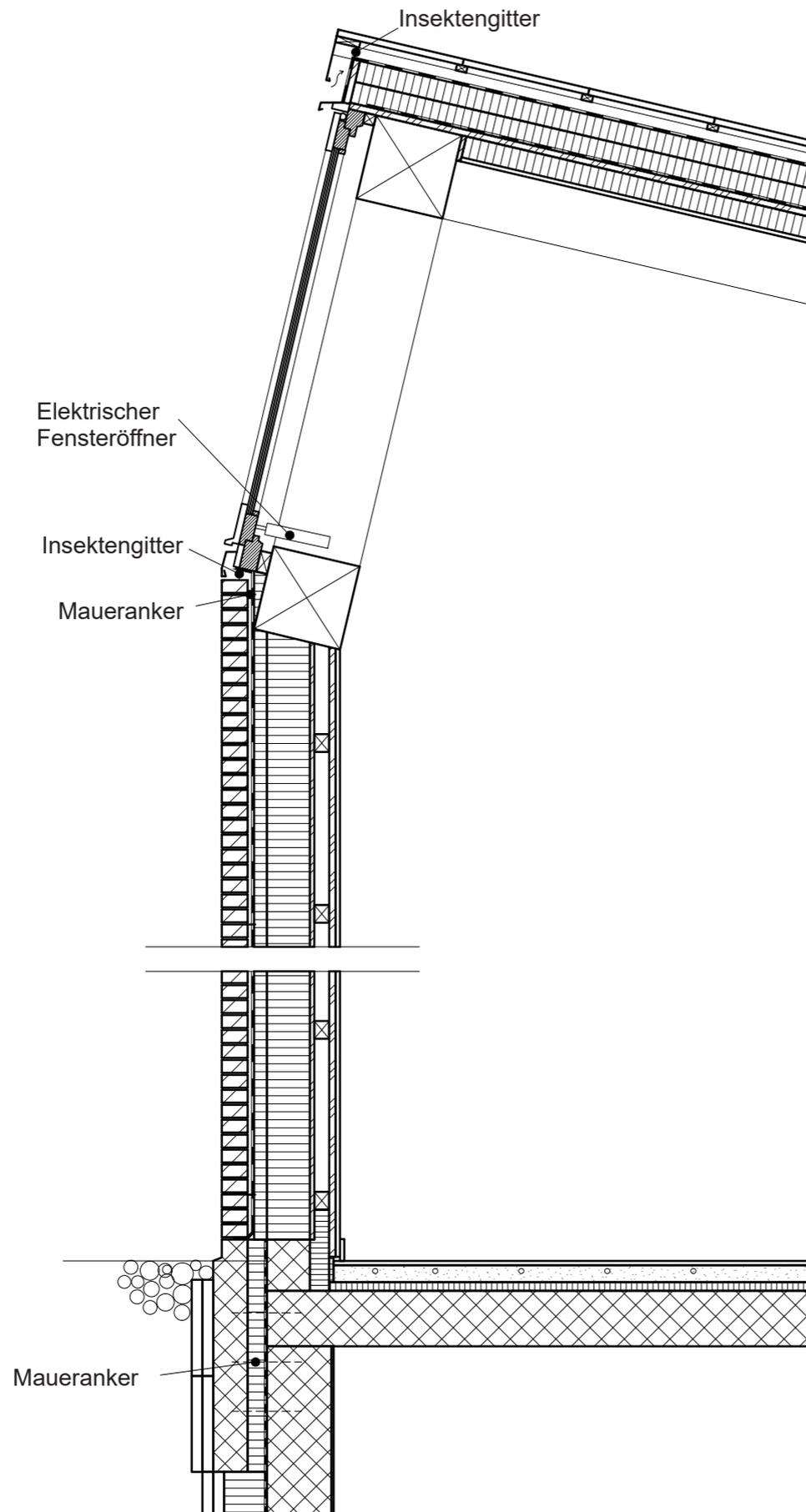




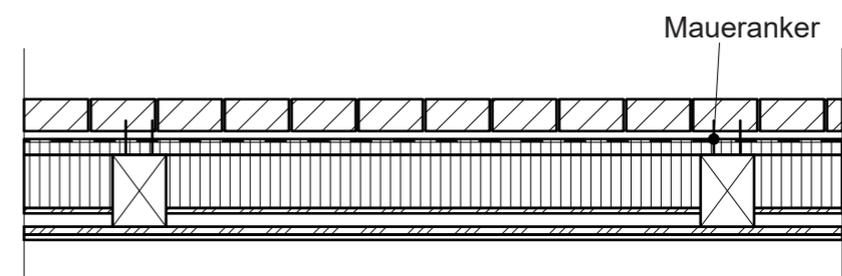


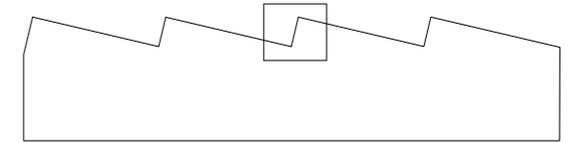
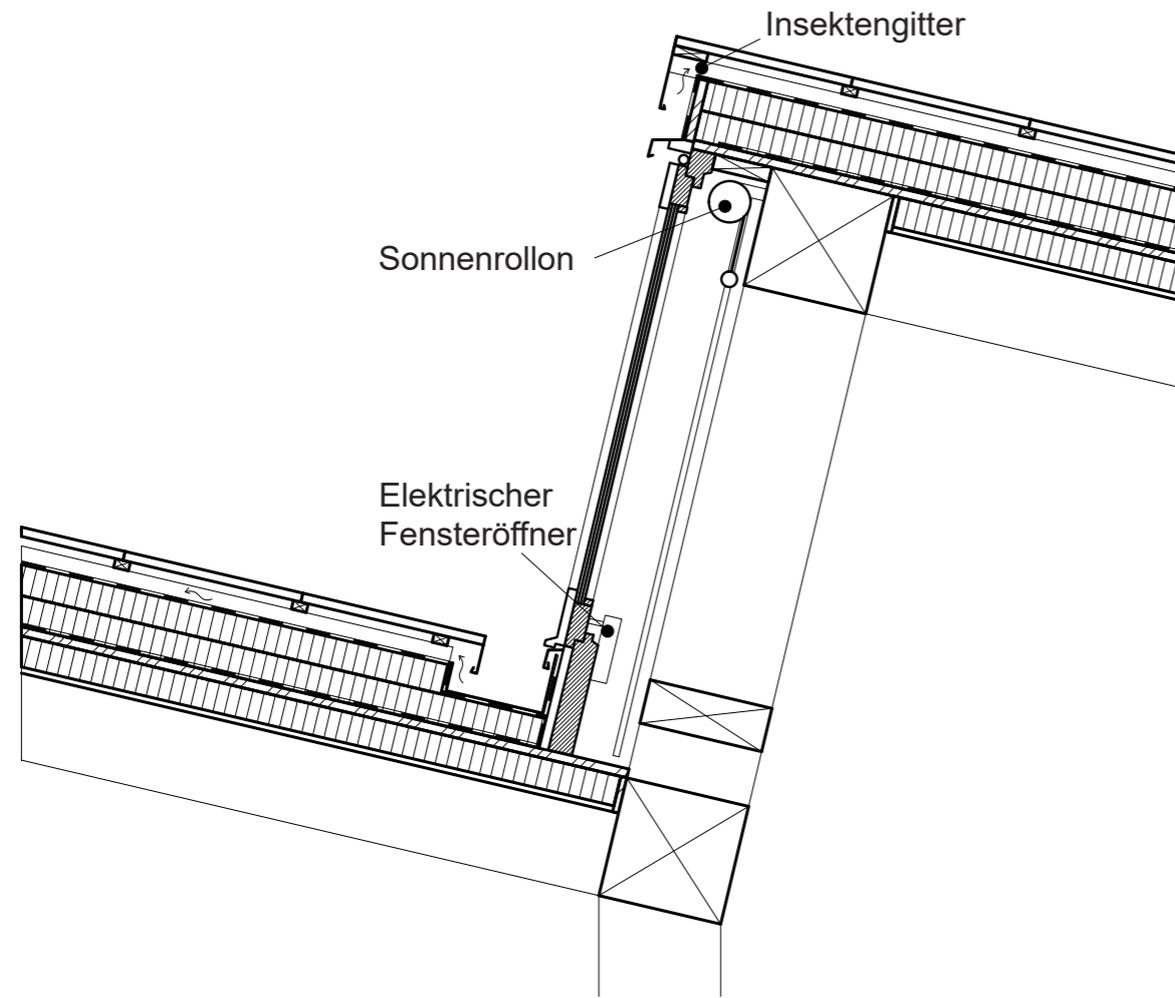






Aussenwandaufbau:  
 Klinkermauerwerk 12cm  
 Hinterlüftung 3cm  
 Unterdeckbahn dampfdiffusionsoffen (z.B. Pavatex ADB)  
 Holzfaserdämmung Pavatherm 6cm  
 Holzfaserdämmung Pavatherm 20cm / Holzständer 30cm  
 Grobspanplatte 2cm  
 Installationsholraum / Traglattung 7cm  
 Lehmbauplatten 3cm  
 Lehmputz 2cm





Dachaufbau:

Integriertes Solardach 3cm

Traglattung 4cm

Konterlattung / Hinterlüftung 6cm

Unterdachbahn dampfdiffusionsoffen (z.B. Pavatex ADB)

Holzfaserdämmung Pavatherm 2 x 10cm / Unterzüge 40cm

Luftdichtigkeits-Deckvlies dampfdiffusionsoffen

Grobspanplatte 3cm

Schallschluckplatte Glaswolle 10cm

Hohlraum 2cm

Deckbespannung Stoff

