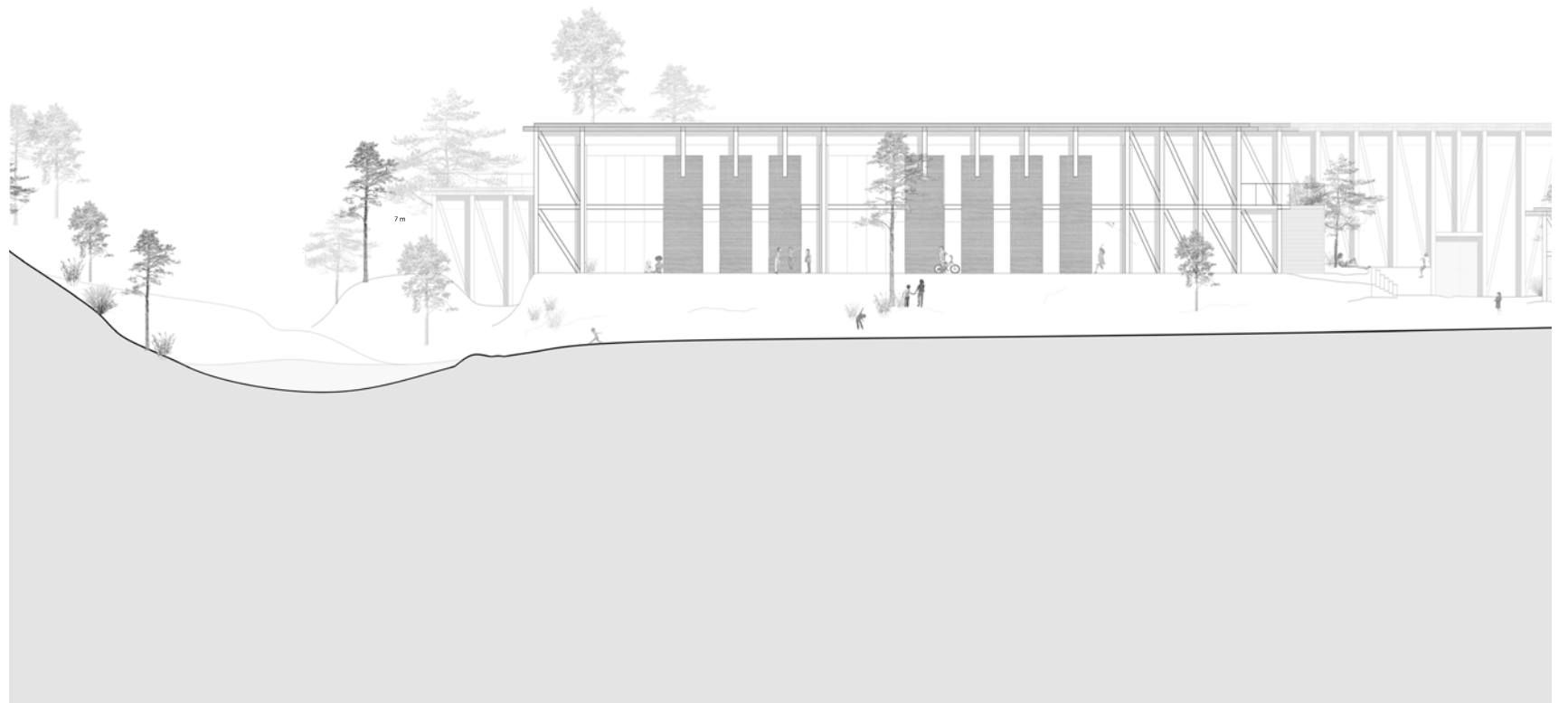
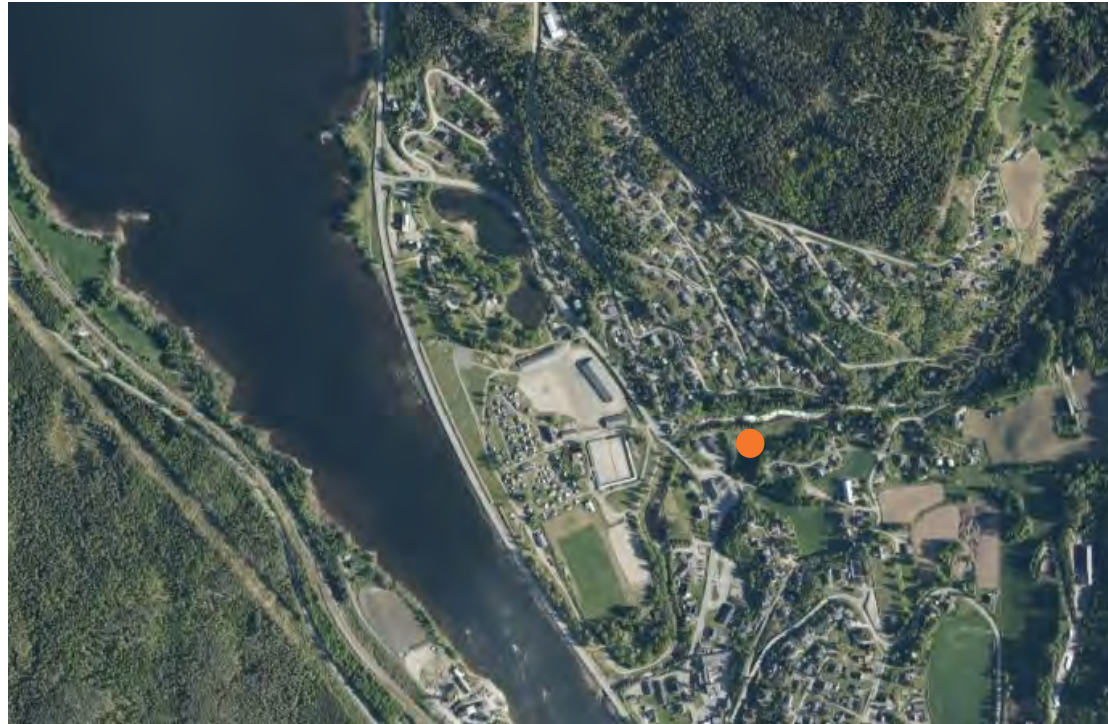


Learning within earth walls

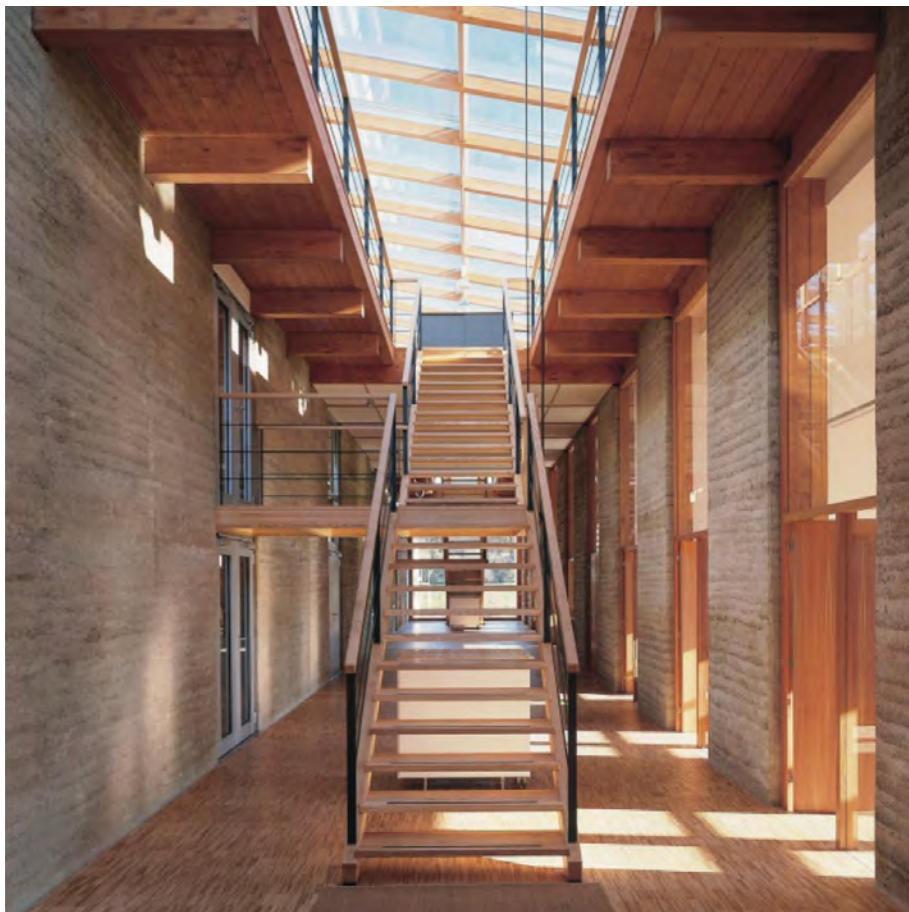
a student project looking to make a more environmentally friendly built primary school



Learning within earth walls
by Eva Isabelle James & Pia Solberg Wikstrøm

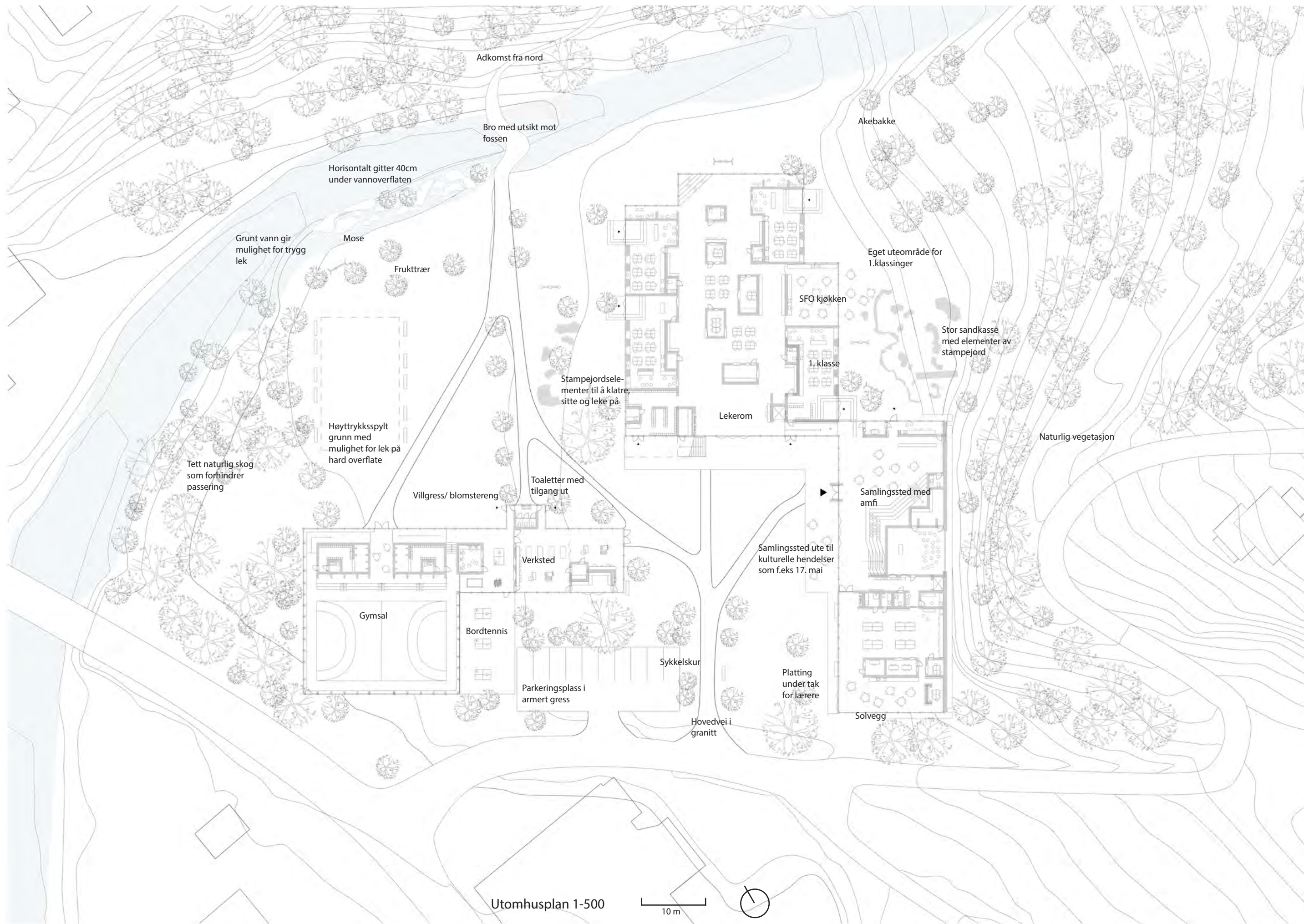
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Lehm Ton Erde
 The Gugler Printing house, Ablinger, Vedral & Partners
 Boltshauser
 Church Reconciliation, Berlin
 Retreat, Peter Zumthor



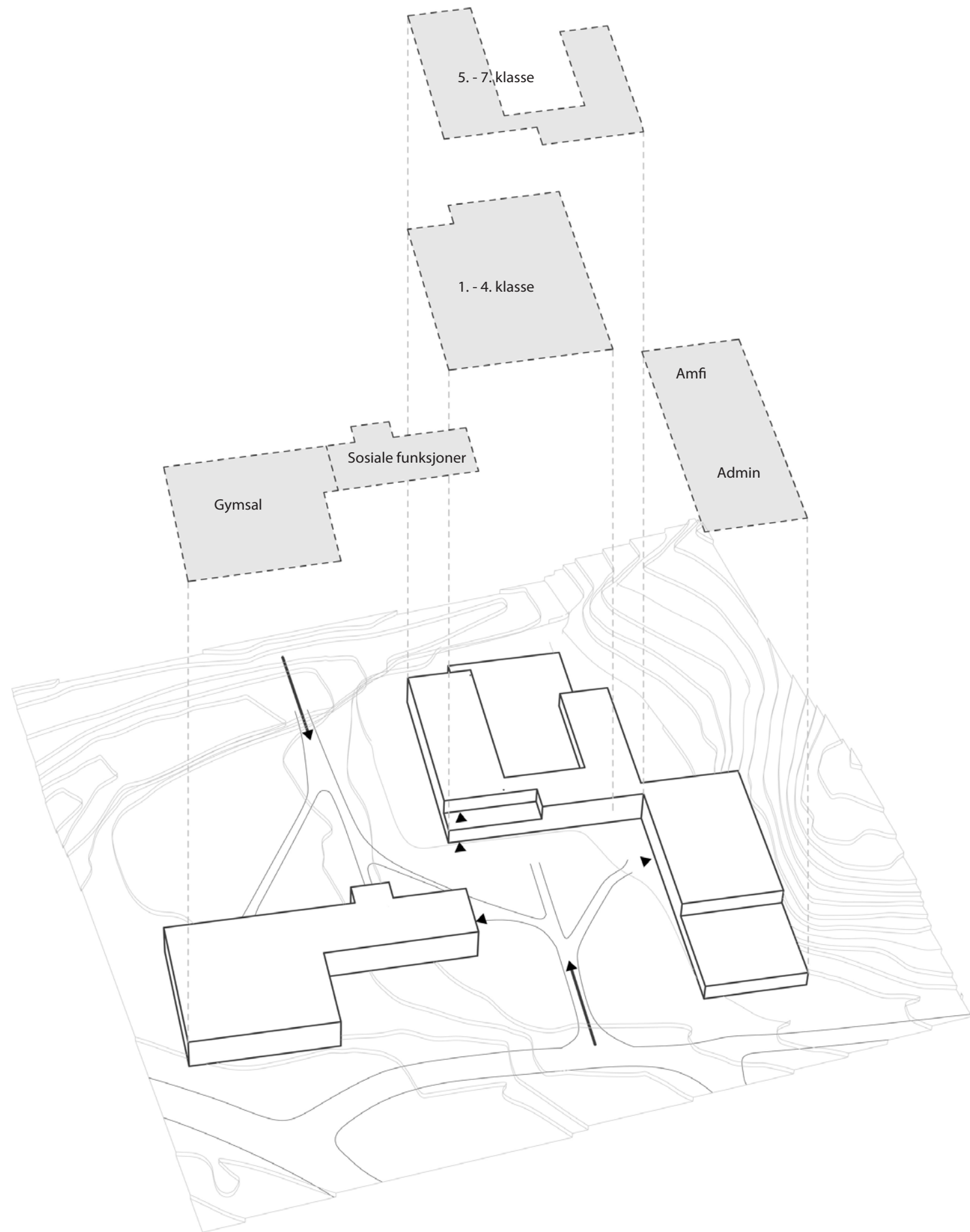




Collage
Uteområde

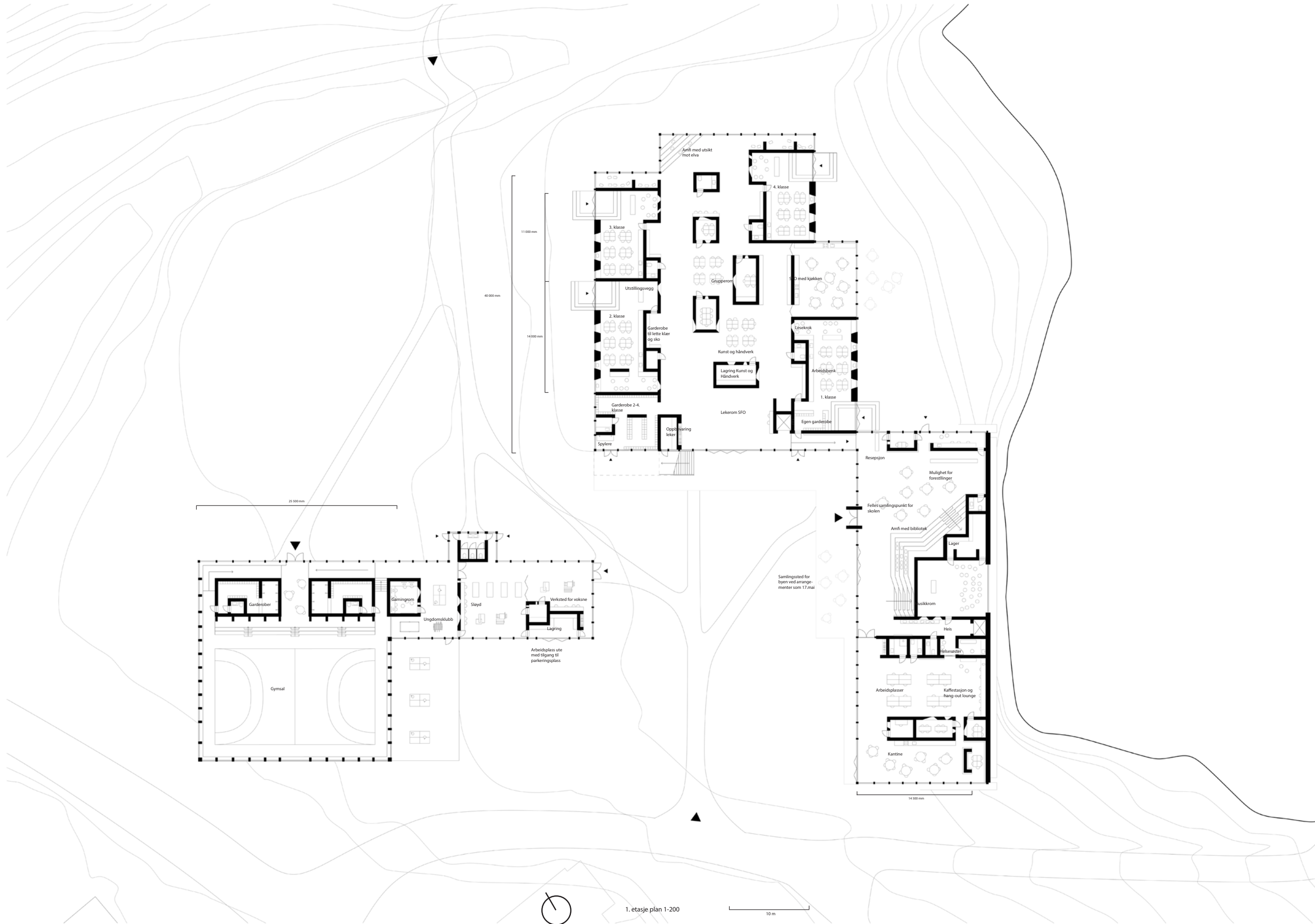


Illustrasjon
Kobling mellom klasserom og ute

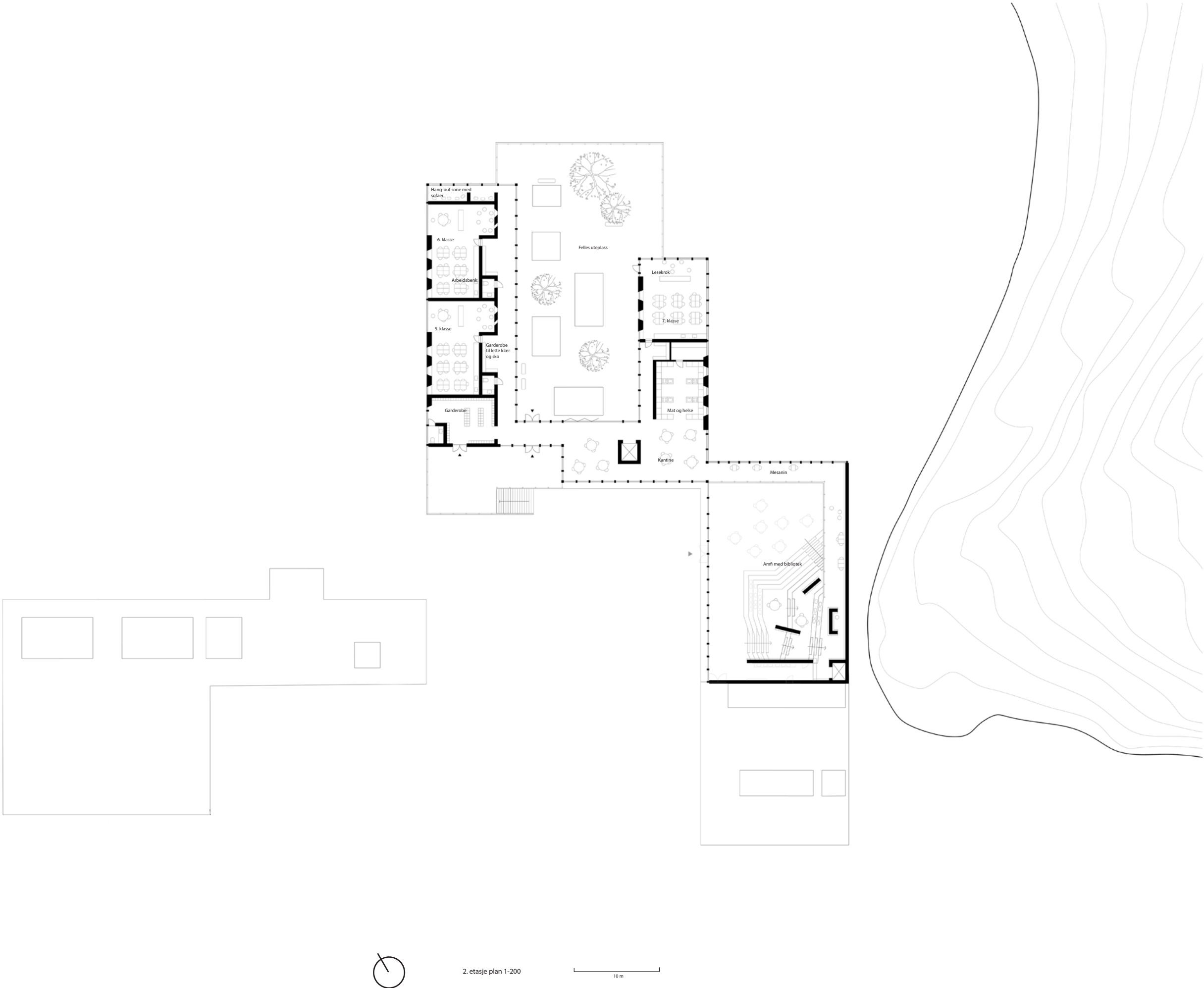


Oversikt over bygningsvolumer

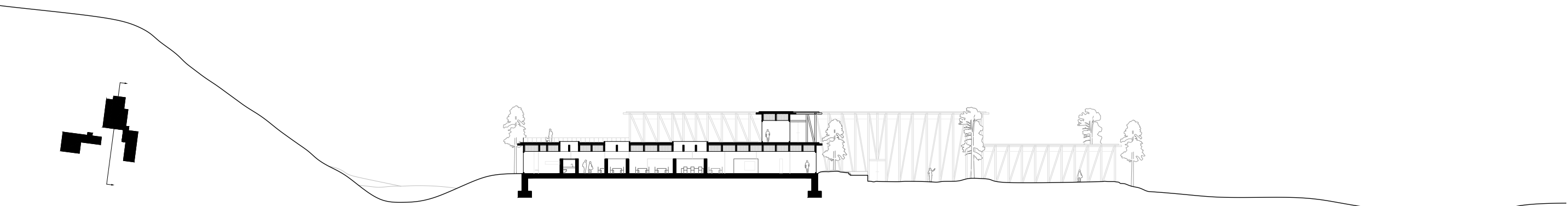
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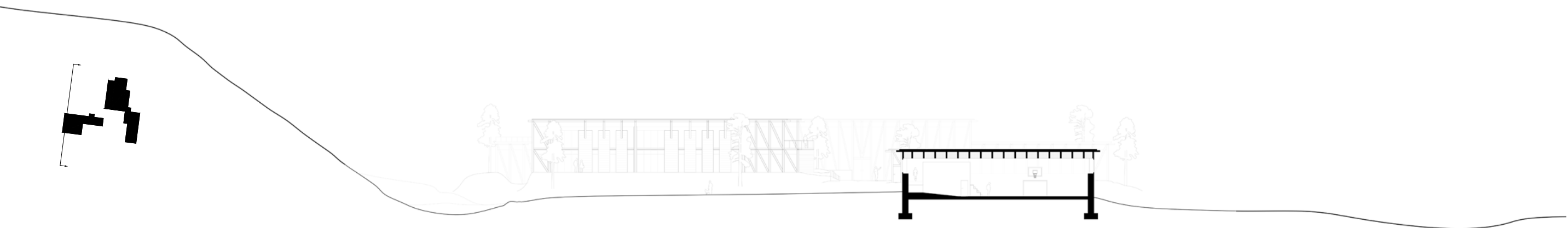
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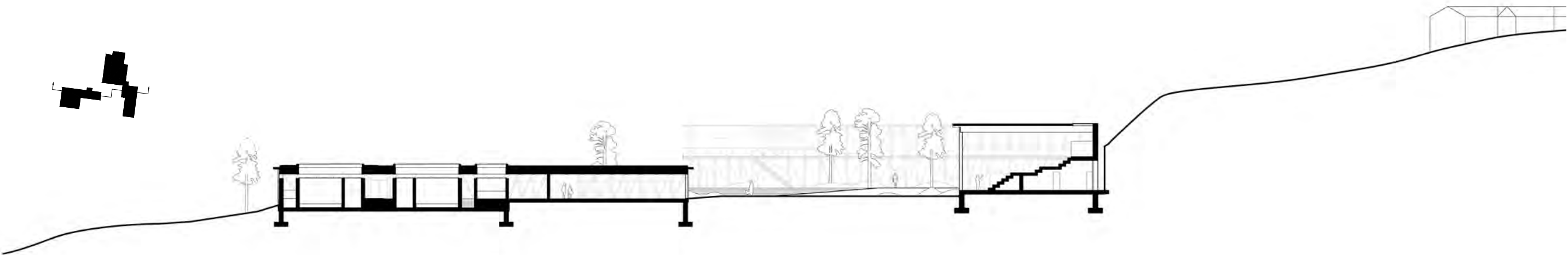
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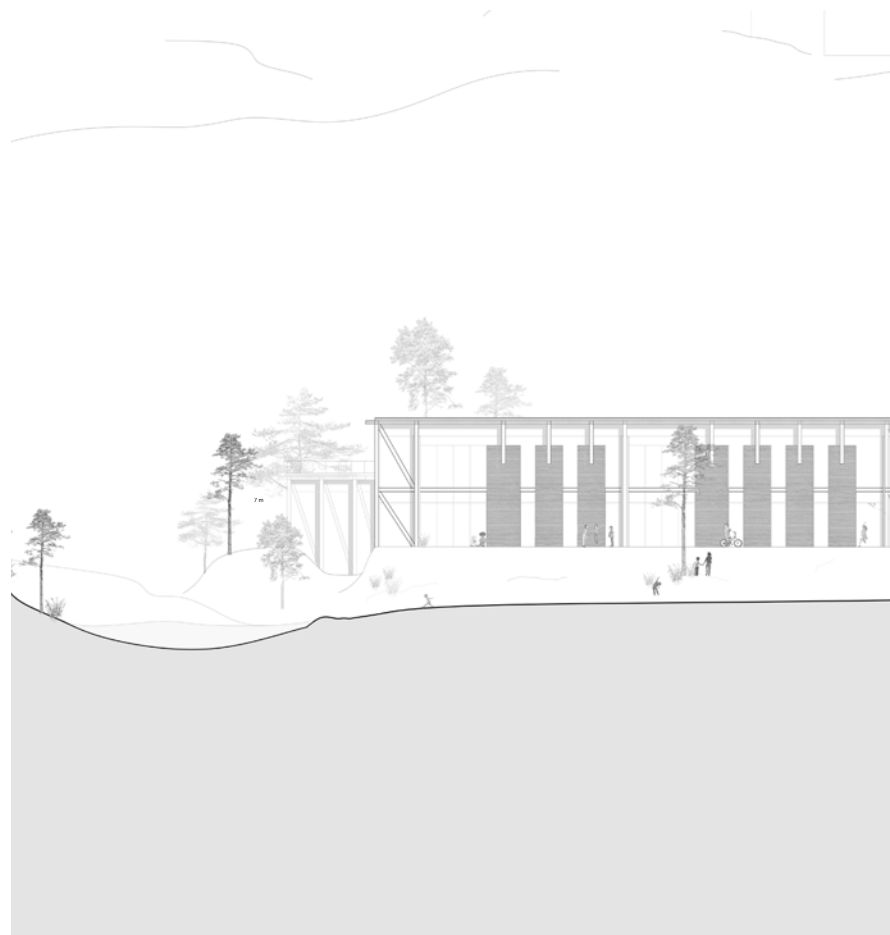
Snitt A-A



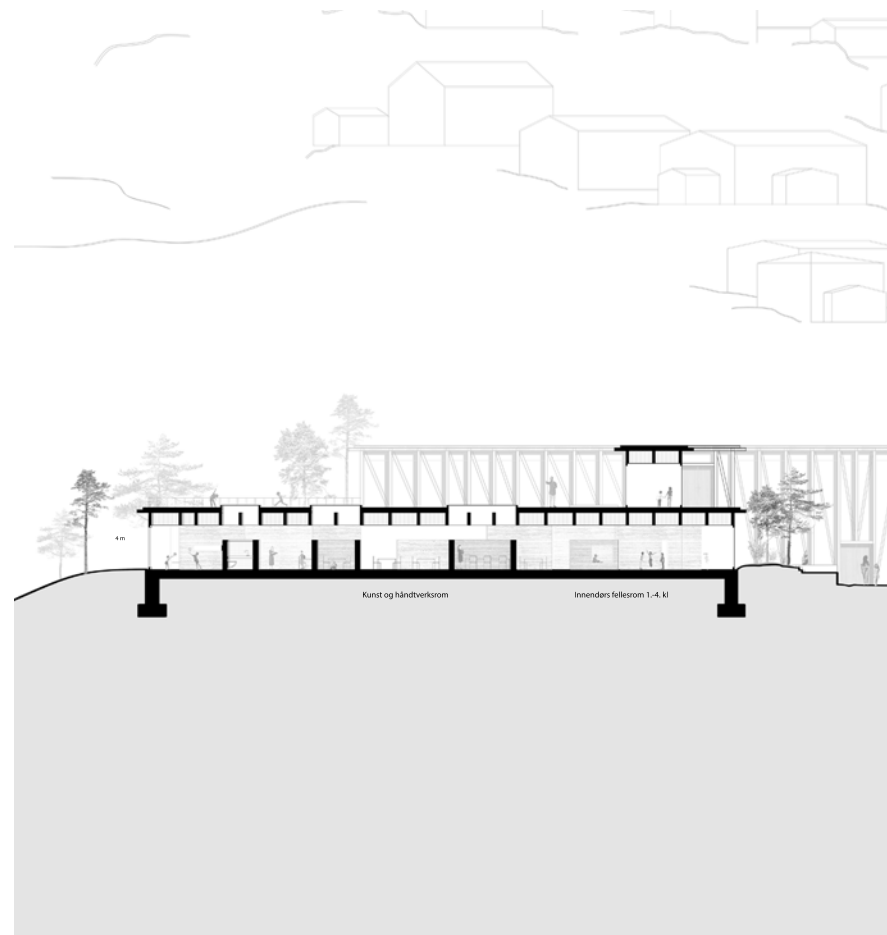
Snitt B-B



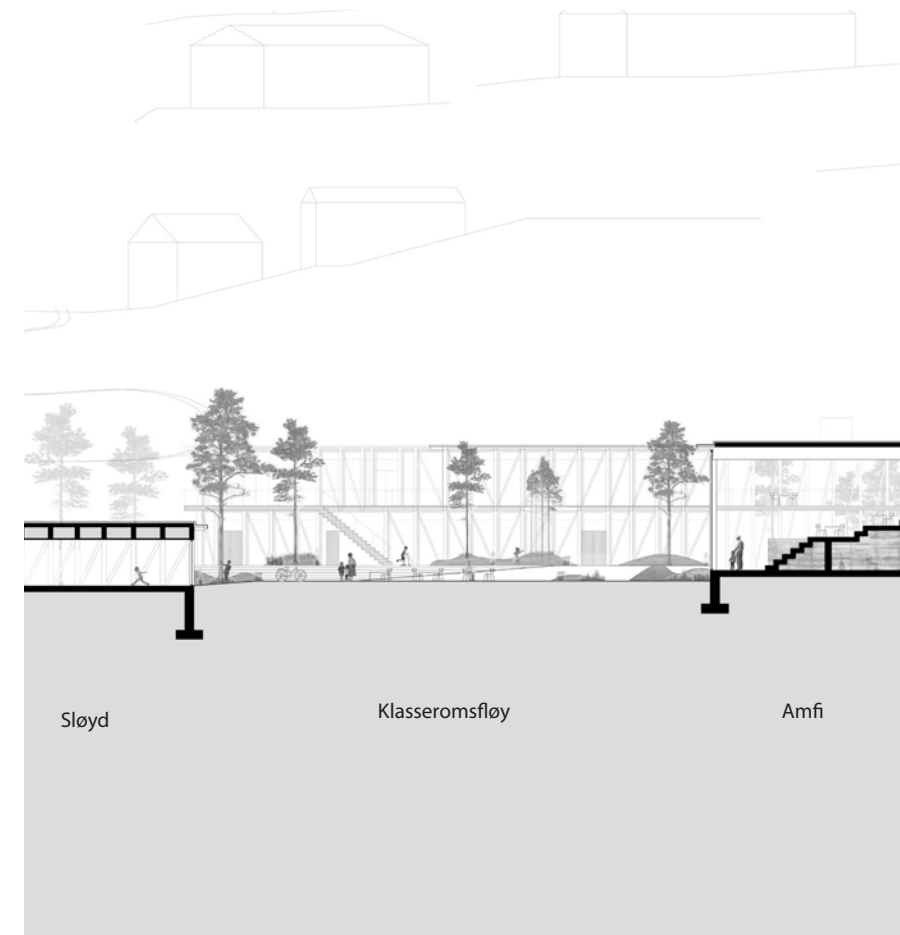
Snitt C-C



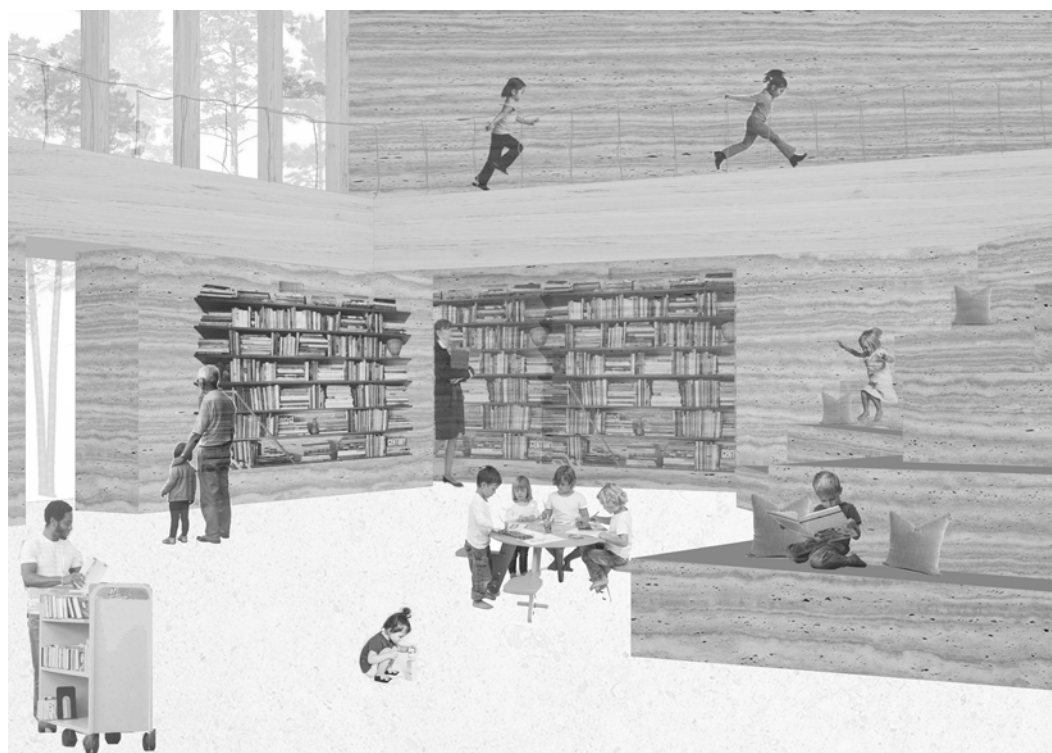
Snitt A-A
Fasade klasseromsfløy



Snitt B-B
Innendørs fellesareal



Snitt A-A
Inngangsparti sett fra nord



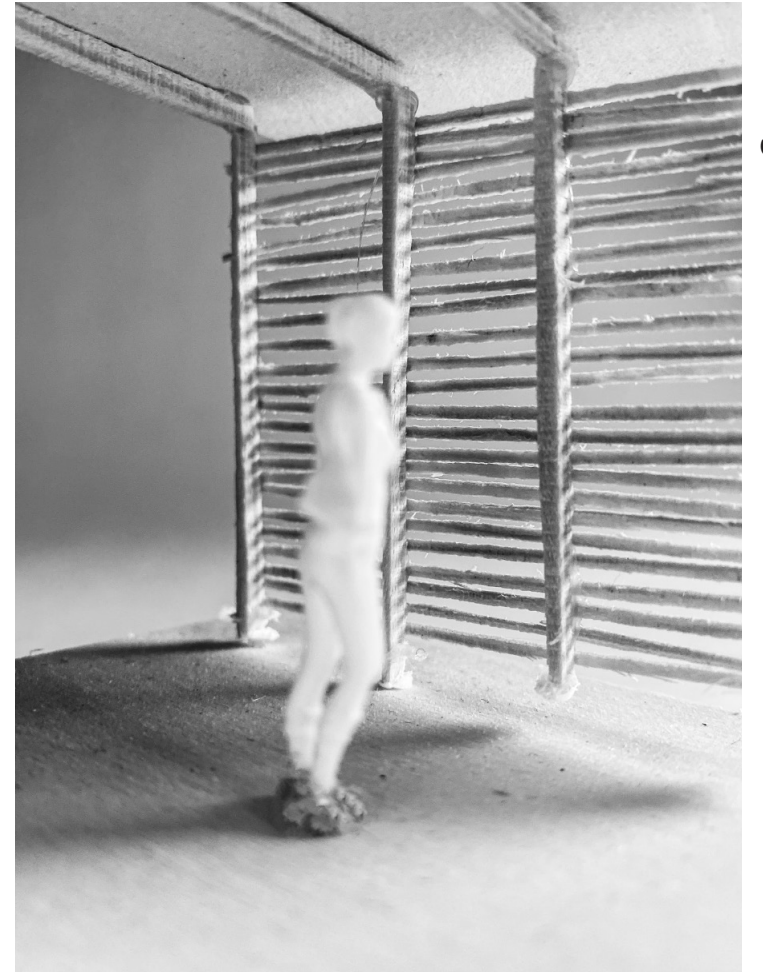
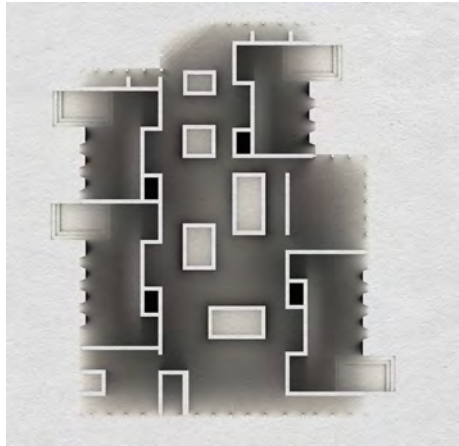
Collage
Skolens hjerte: amfi og bibliotek



Collage
Musikkrom under amfi

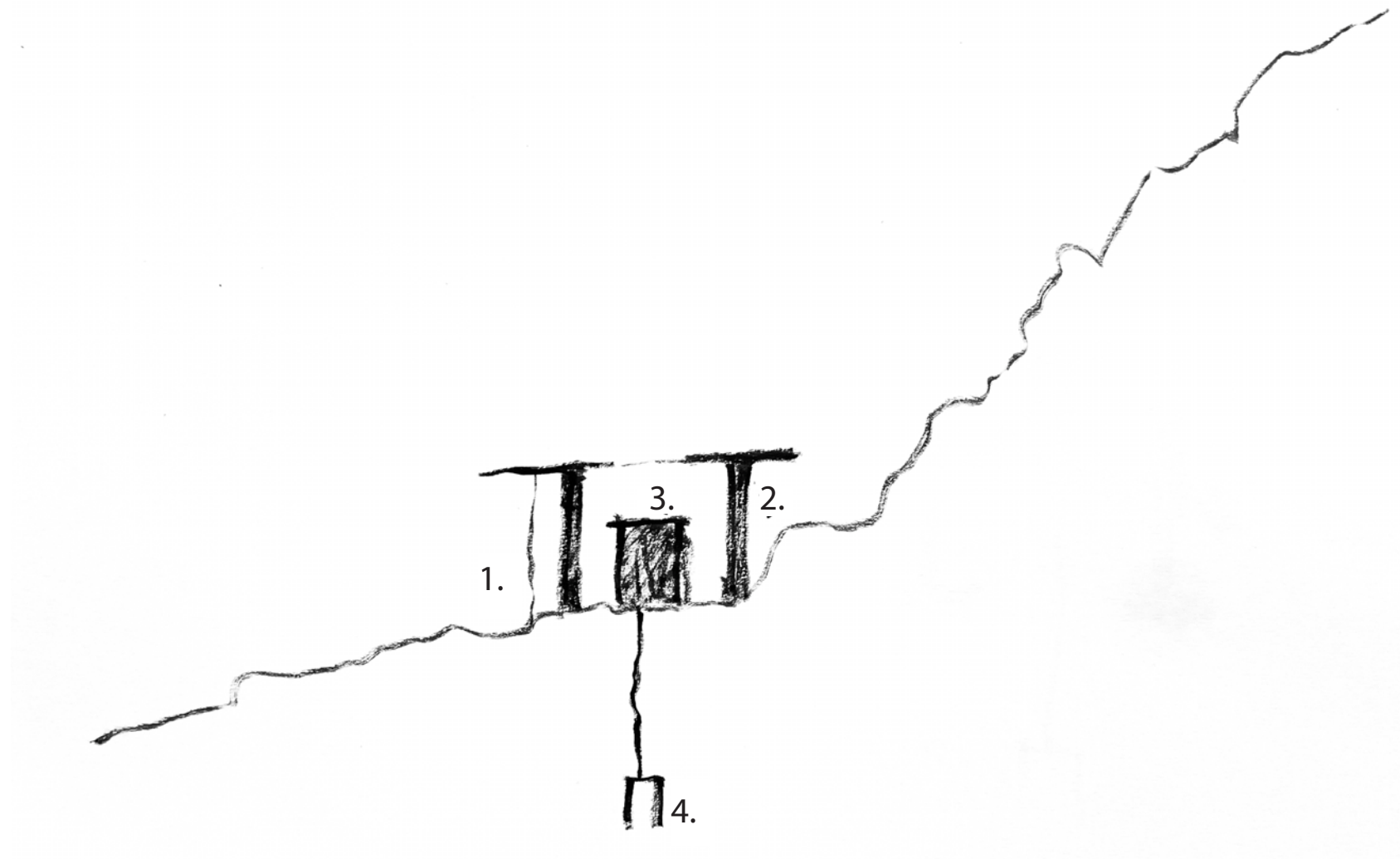


Collage
Fellesrom



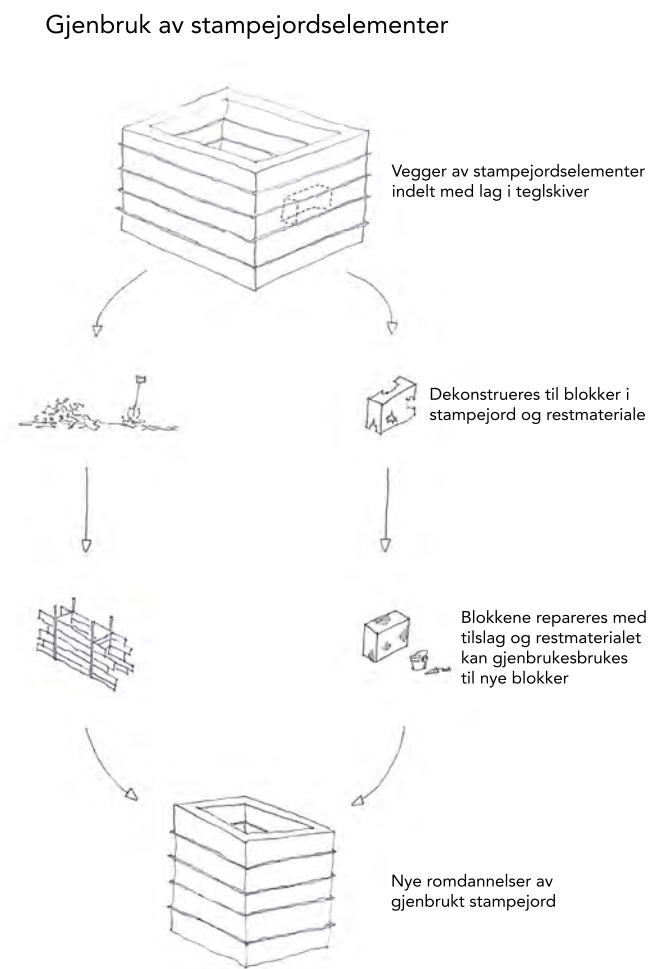
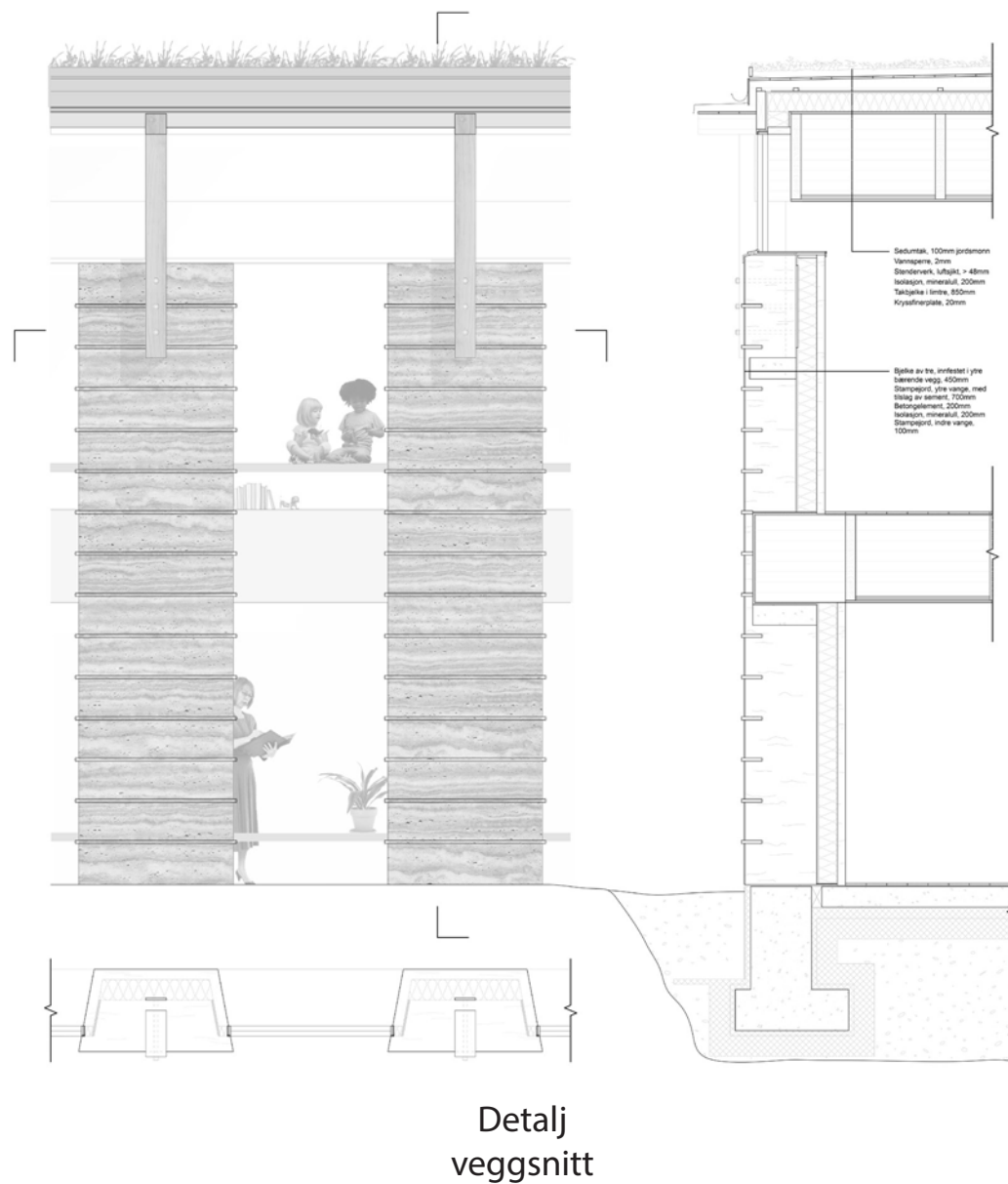
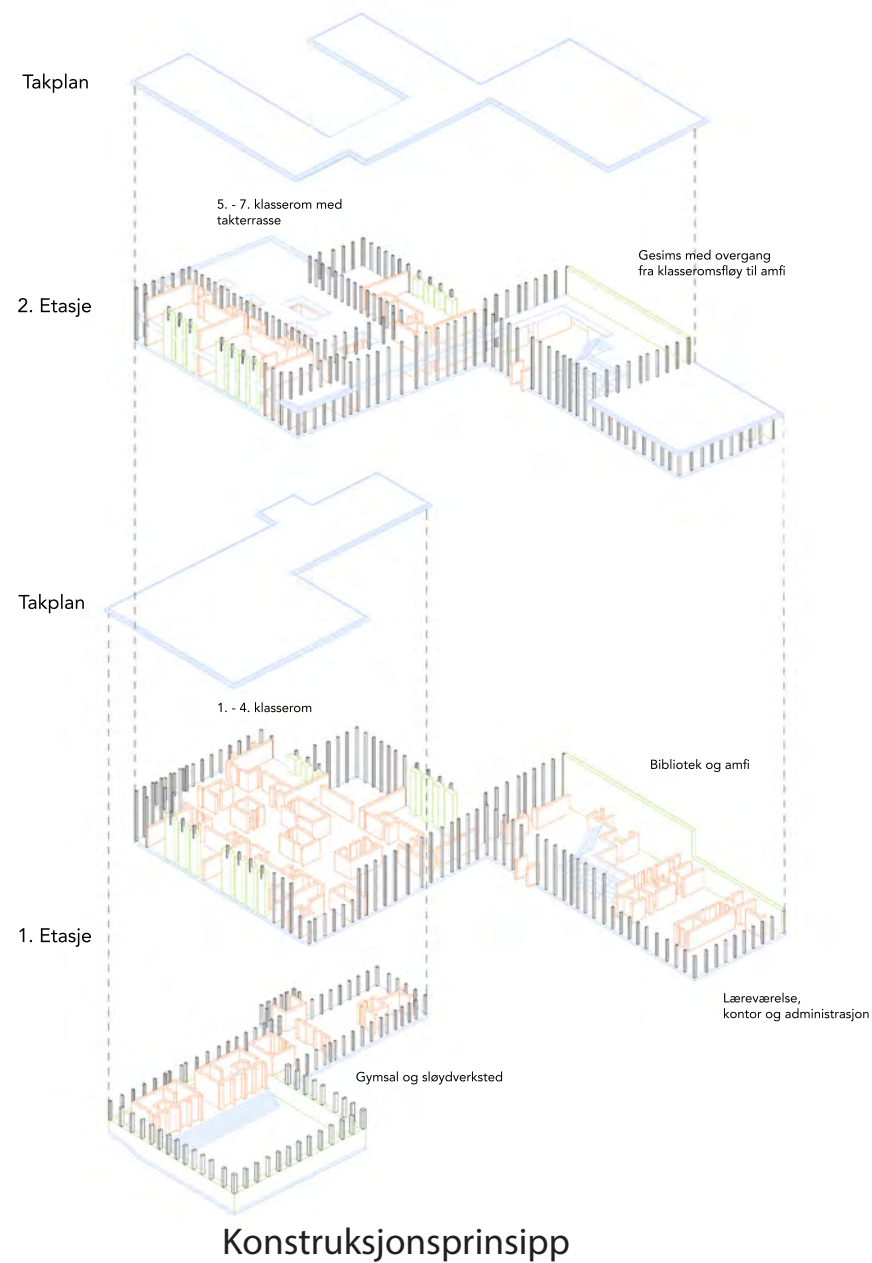
Modell 1-50
Dagslysstudie

Modell 1-20
Dagslysstudie



1. Menneskelig aktivitet og vinduer med lav isolasjonsevne skaper varmeenergi
2. Varmen lagres i stampejorden over lang tid
3. Varmen kan transporteres rundt i bygget via vannrør i tak og gulv
4. Overskuddsvarme lagres i energibrønner som kan brukes om vinteren.

Energieffektivt system



Illustrasjon av vegg bygd opp av elementer



Skissemodell 1-200
Volumstudier