# A home for elderly

Diploma project :  spring 2021

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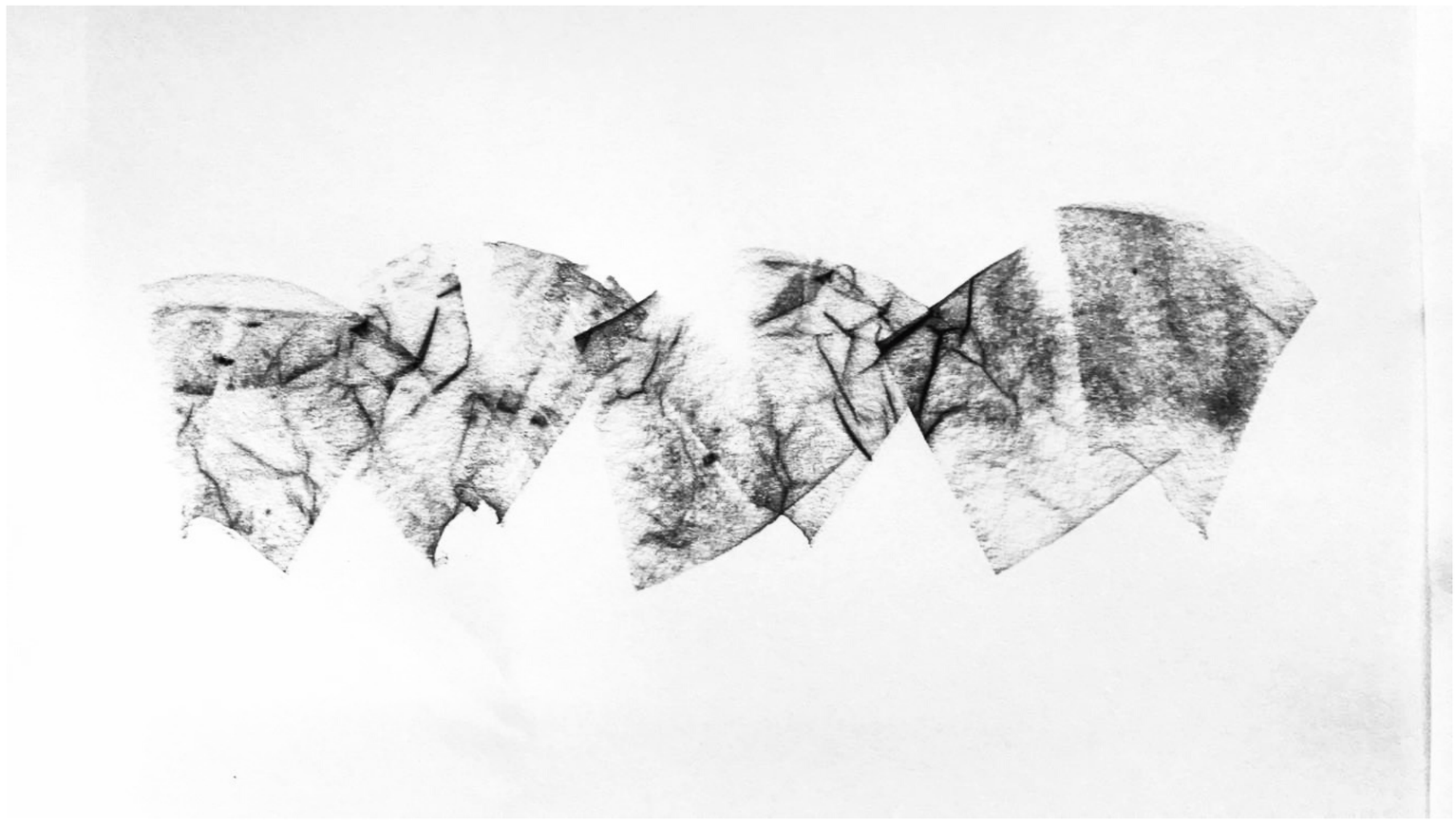
# Introduction

Norway will in a short time face a challenge as the population will develop from 2018 to 2040 and will be dominated by people who are 80 years or older. Today, this group of age represents 4.2 percent of the population. In 2040, this group of age will represent as much 8 percent of the population in Norway (Helsedirektoratet 2018).

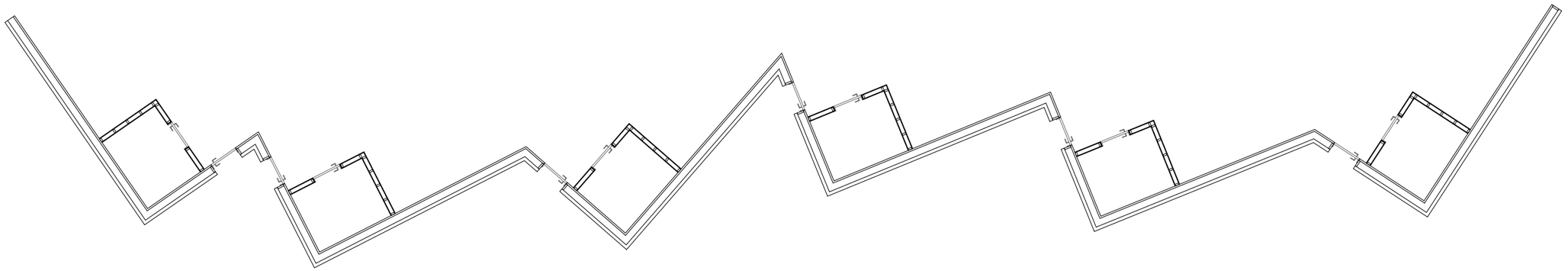
Based on this development, it is expected that there will be more elderly people than children by the year 2040. As a society, we must prepare for this development and build more nursing homes. According to how today's nursing homes are built, there is little variation in architectural solutions. Nursing homes as a typology are characterized by repetitive organization with patient rooms, long corridors and few spatial qualities. In continuation of this, I have chosen to develop an alternative architectural solution where I challenge the current conventions.

## Program

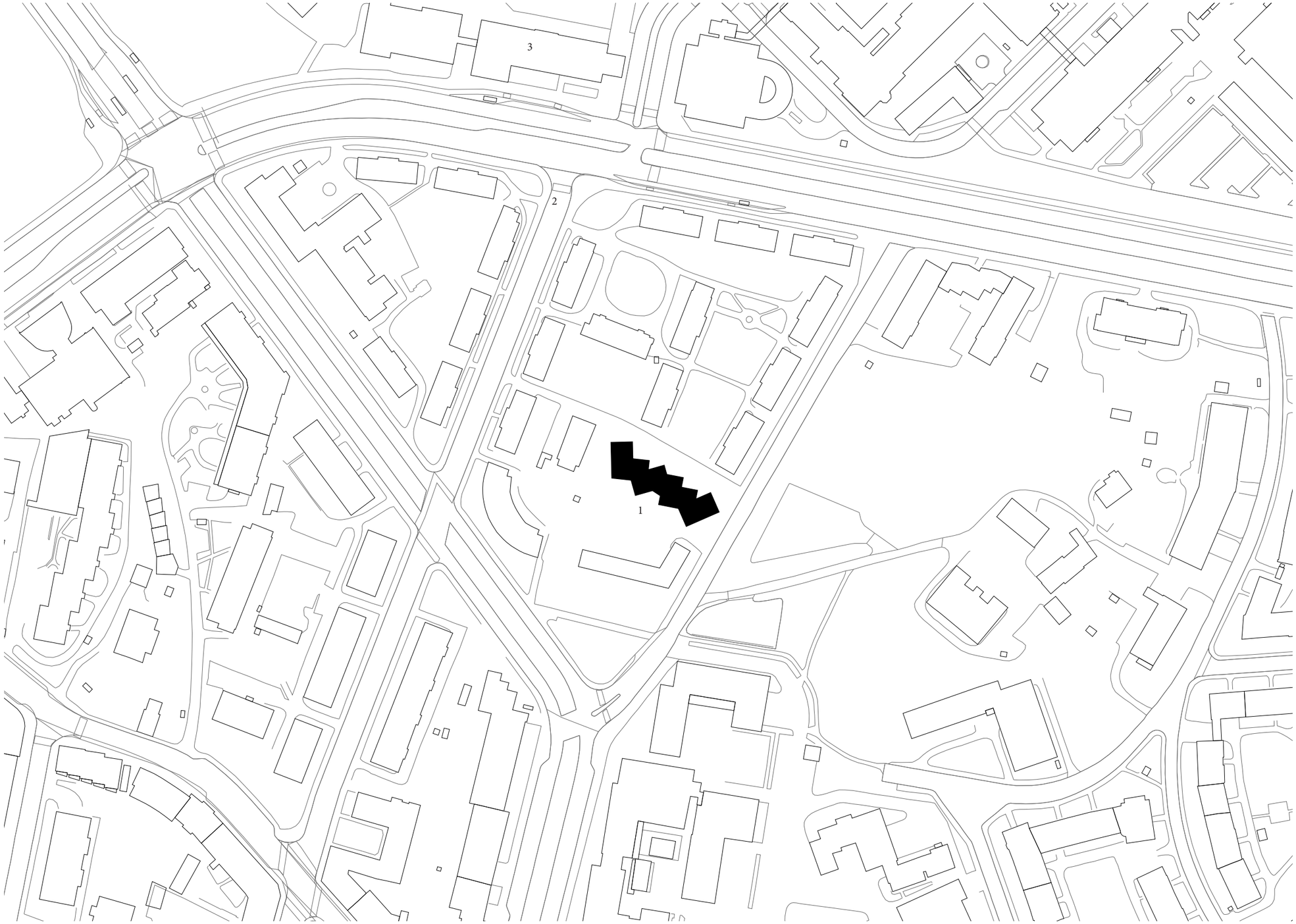
| | |
|---|---|
| Entrance : | |
| reception | 21 m2 |
| Access room | 53 m2 |
| Visitor room | 56 m2 |
| shared room | 155 m2 |
| | |
| Treatment : | |
| Medicine room | 21,25 m2 |
| Doctor room | 21,25 m2 |
| Physiotherapist room | 21,25 m2 |
| Employees 8 : | |
| Staff office | 21,25 m2 |
| Meeting room | 25,75 m2 |
| Break room / Kitchen | 17 m2 |
| Laundry room | 4,5 m2 |
| Wardrobe | 4,25 m2 |
| Toilet | 18 m2 |
| | |
| Patients X 12 : | |
| Patientroom | 204 m2 |
| Wardrobe 4,25 | 51 m2 |
| Toilet 4,5 | 54 m2 |
| Shed | 70 m2 |
| Patient + Employees | |
| Living room | 262 m2 |
| Kitchen | 28 m2 |
| Dining room | 118 m2 |
| Activity room | 154 m2 |
| Sirculation : | |
| Staircase | 43,2 m2 |
| Elevator | 27 m2 |
| Parking garage : | 114 m2 |



Early sketch of architectural idea / showing
the potensial of irregularity.



Conceptual drawing showing the idea of a continuous wall



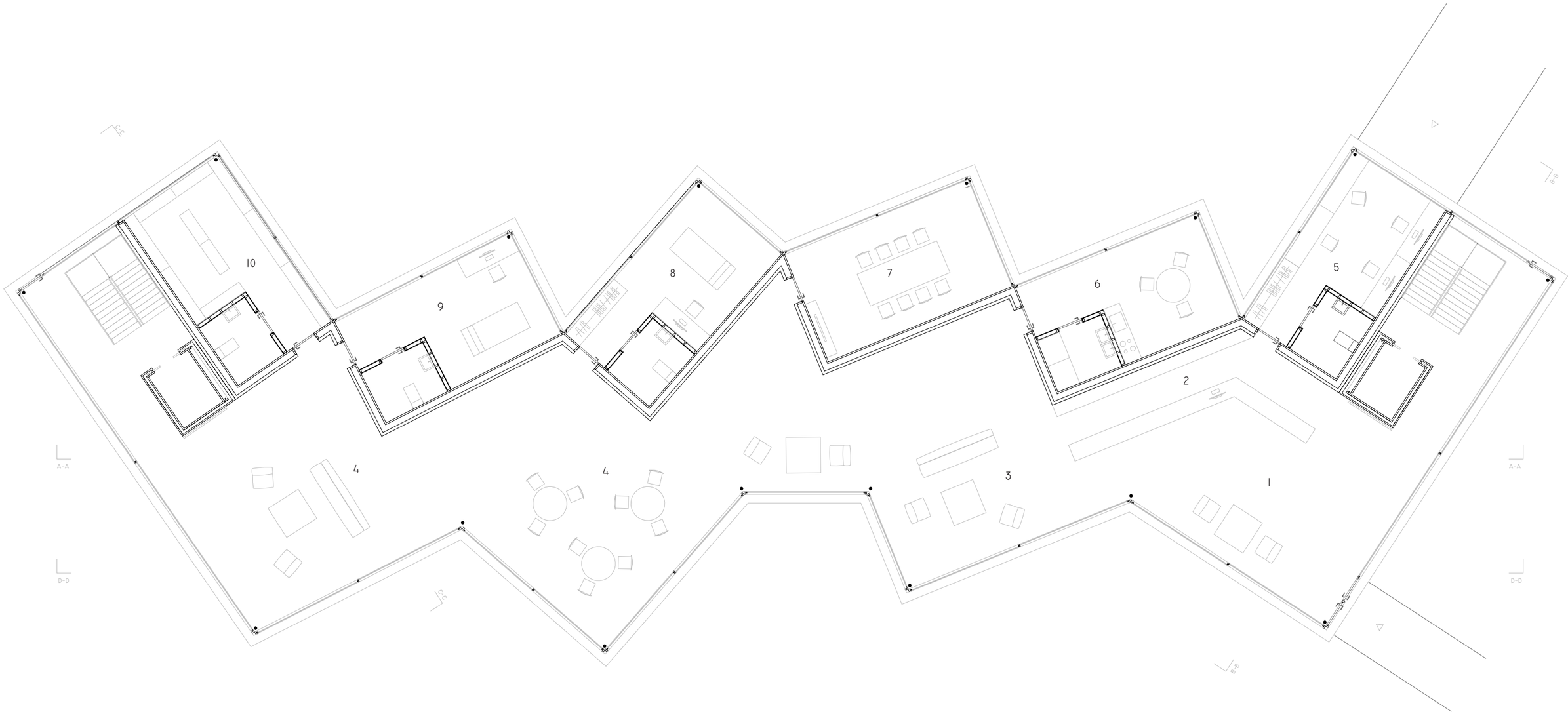

1. Location : The home for elderly
2. Access site
3. Ullevåll Sykehus

2
6
10

SNARVEIEN

INNKJØRING PARKERING

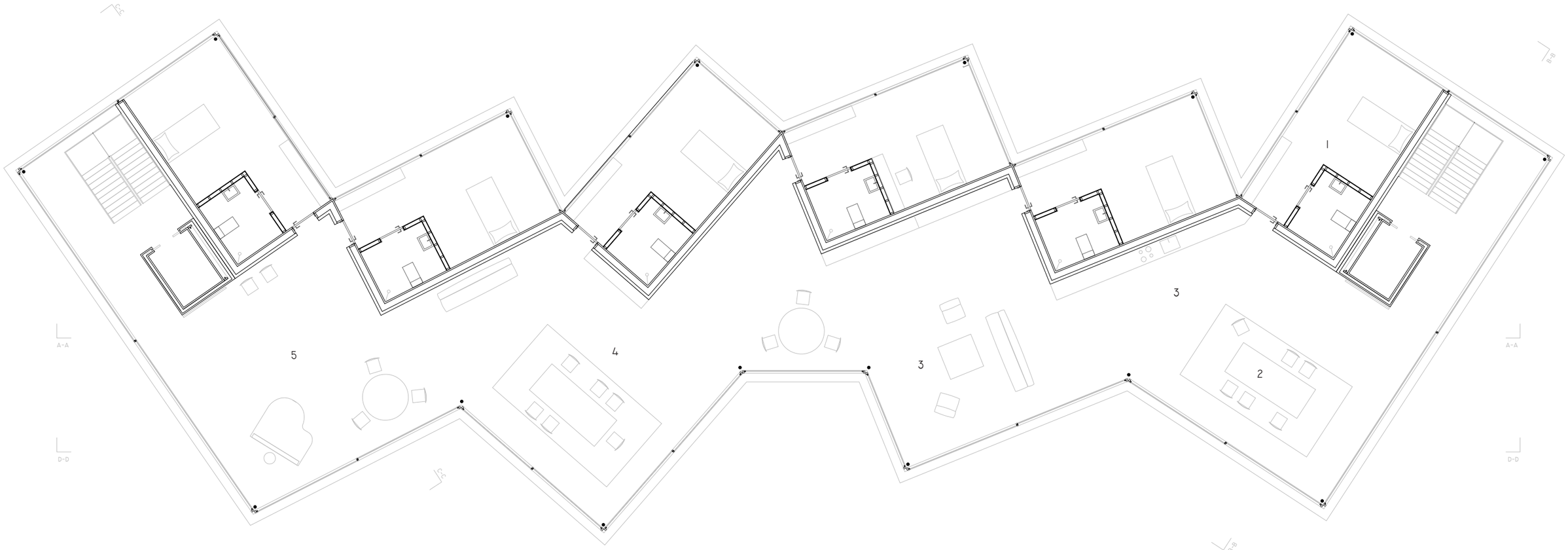
THULSTRUPSGATE




PLAN 1.100 GROUND FLOOR

1 3 5

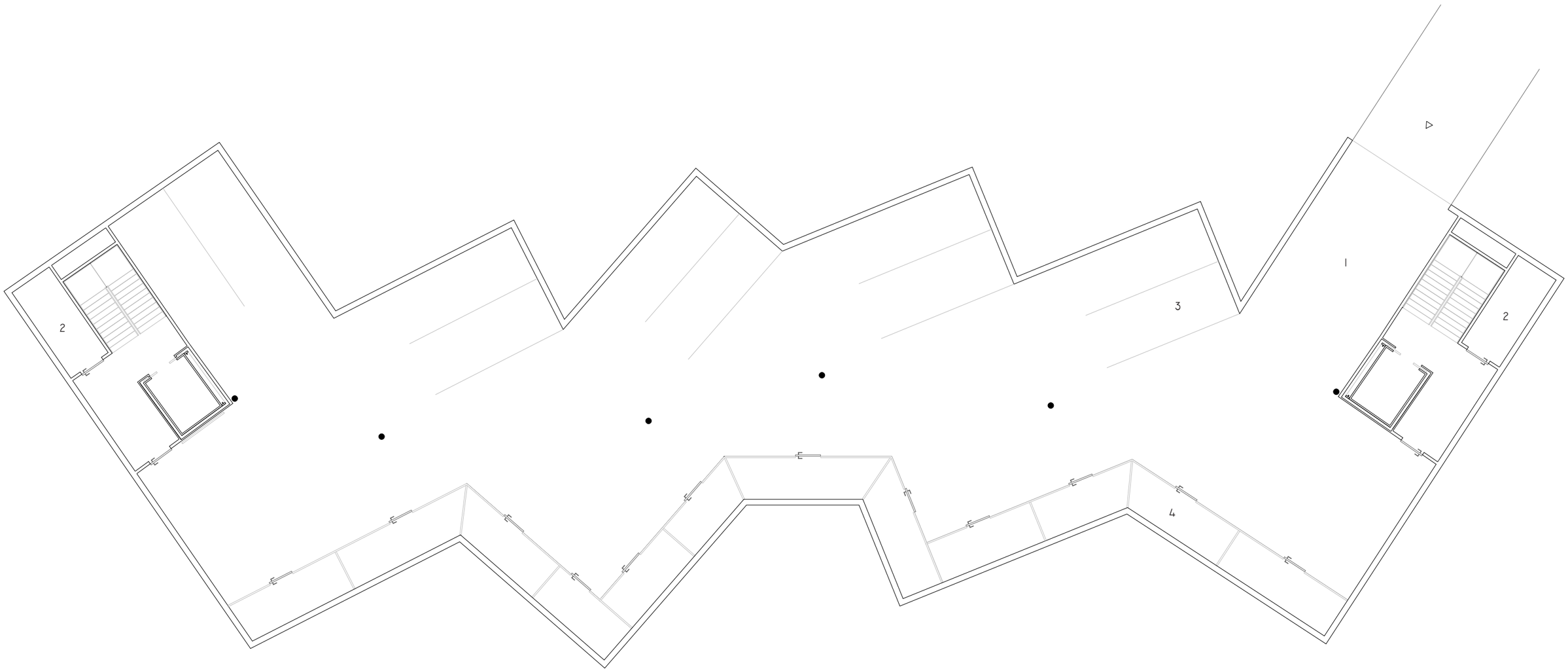
1. Access room
2. Reception
3. Visitor room
4. Shared space
5. Staff office
6. Staff room / Laundry
7. Meeting room
8. Doctor room
9. Physiotherapist room
10. Medicine room




PLAN 1.100 1-2 ST. FLOOR

1 3 5

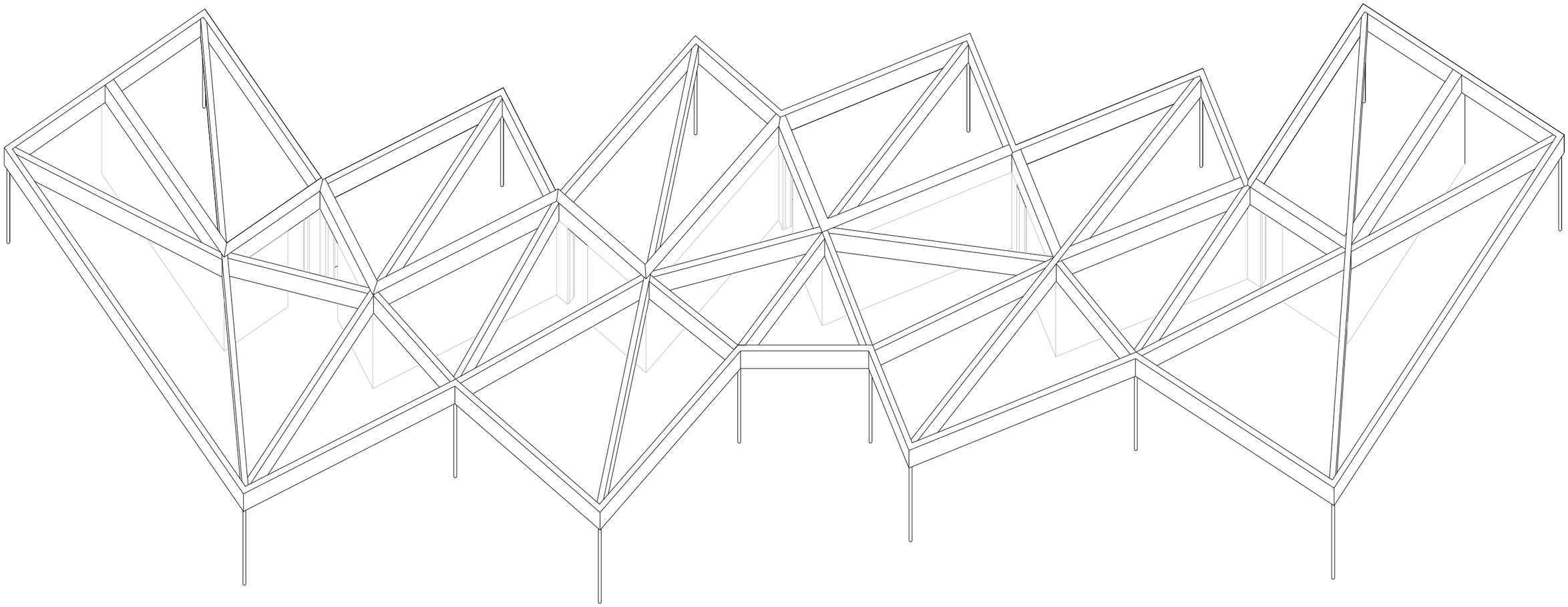
1. Patient room
2. Dining room
3. Living room
4. Dining room
5. Activity room




PLAN 1.100 BASEMENT

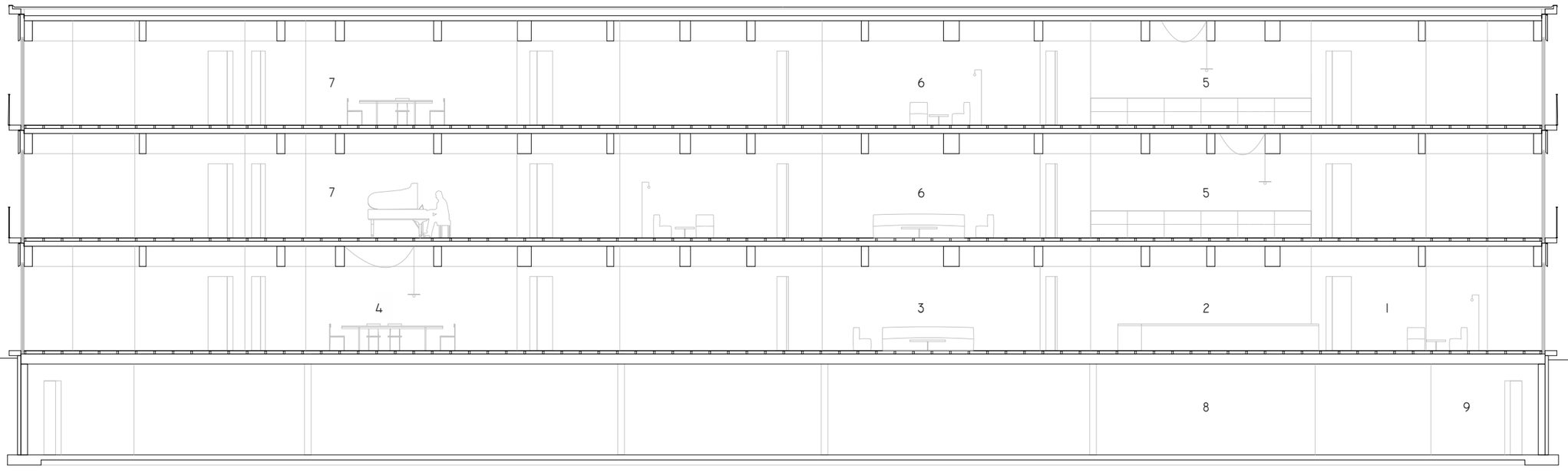
1 3 5

1. Parking entrance
2. Technical room
3. Parking
4. Shed



1.100 Axometric structure

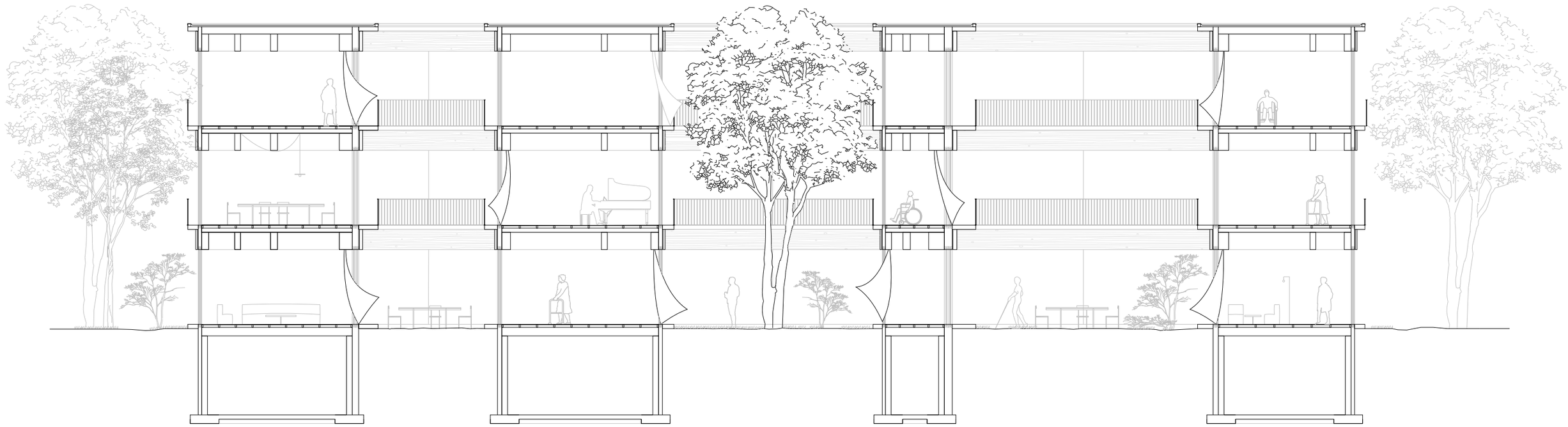
1 3 5




1.100 Long section A-A

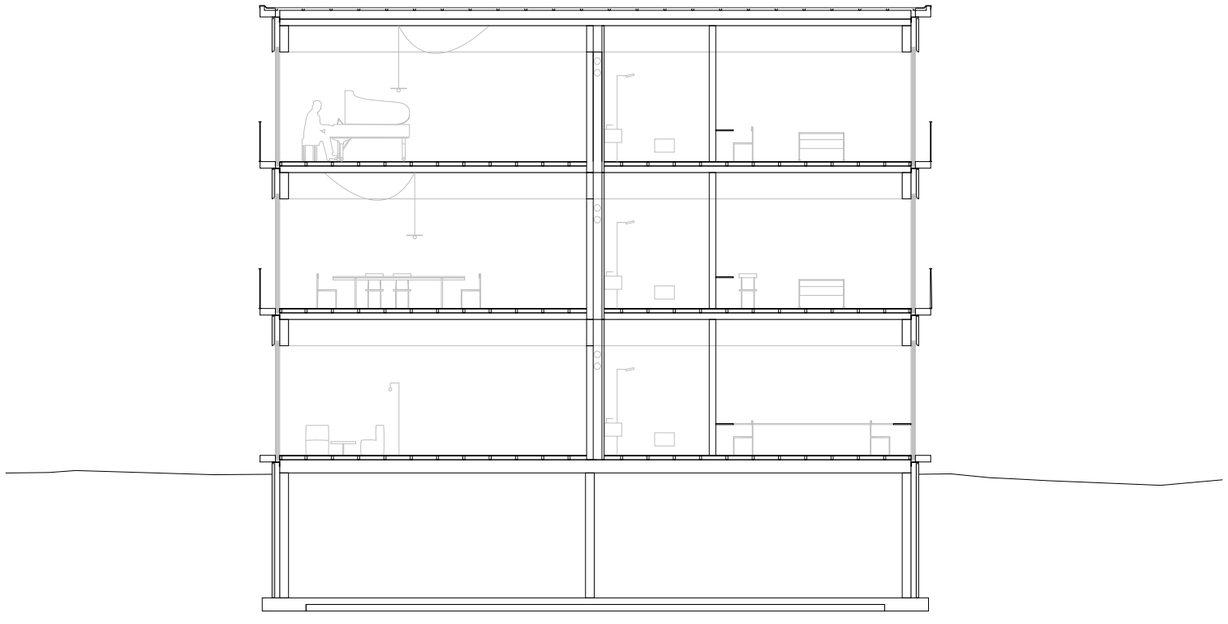
1 3 5

1. Access room
2. Reception
3. Visitor room
4. Shared space
5. Kitchen & dining room
6. Living room
7. Activity room
8. Parking
9. Stairs & elevator core



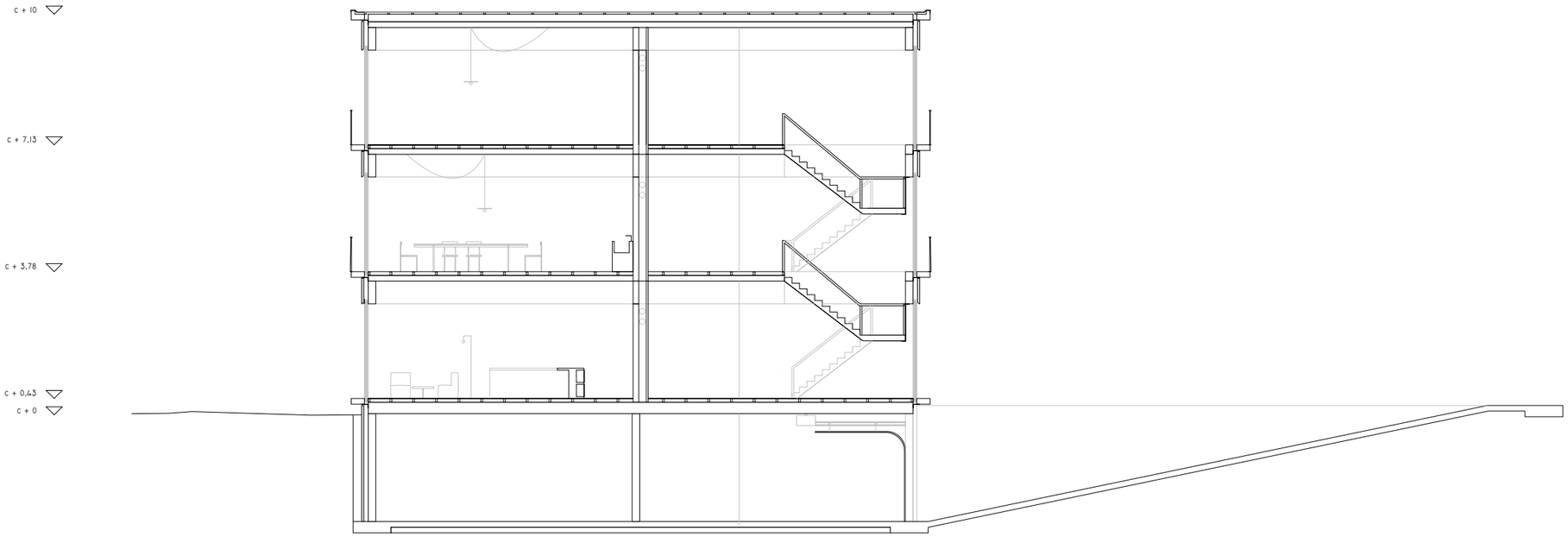
1.100 Long section D-D

1 3 5



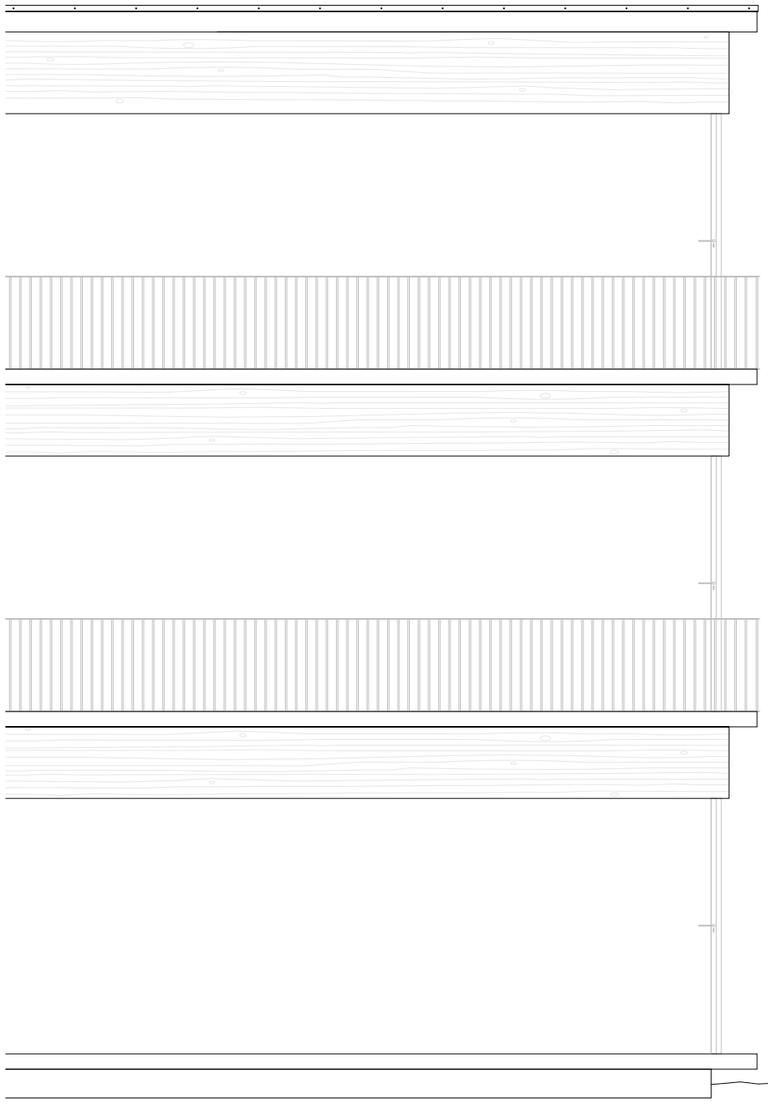
1.100 Long section c-c

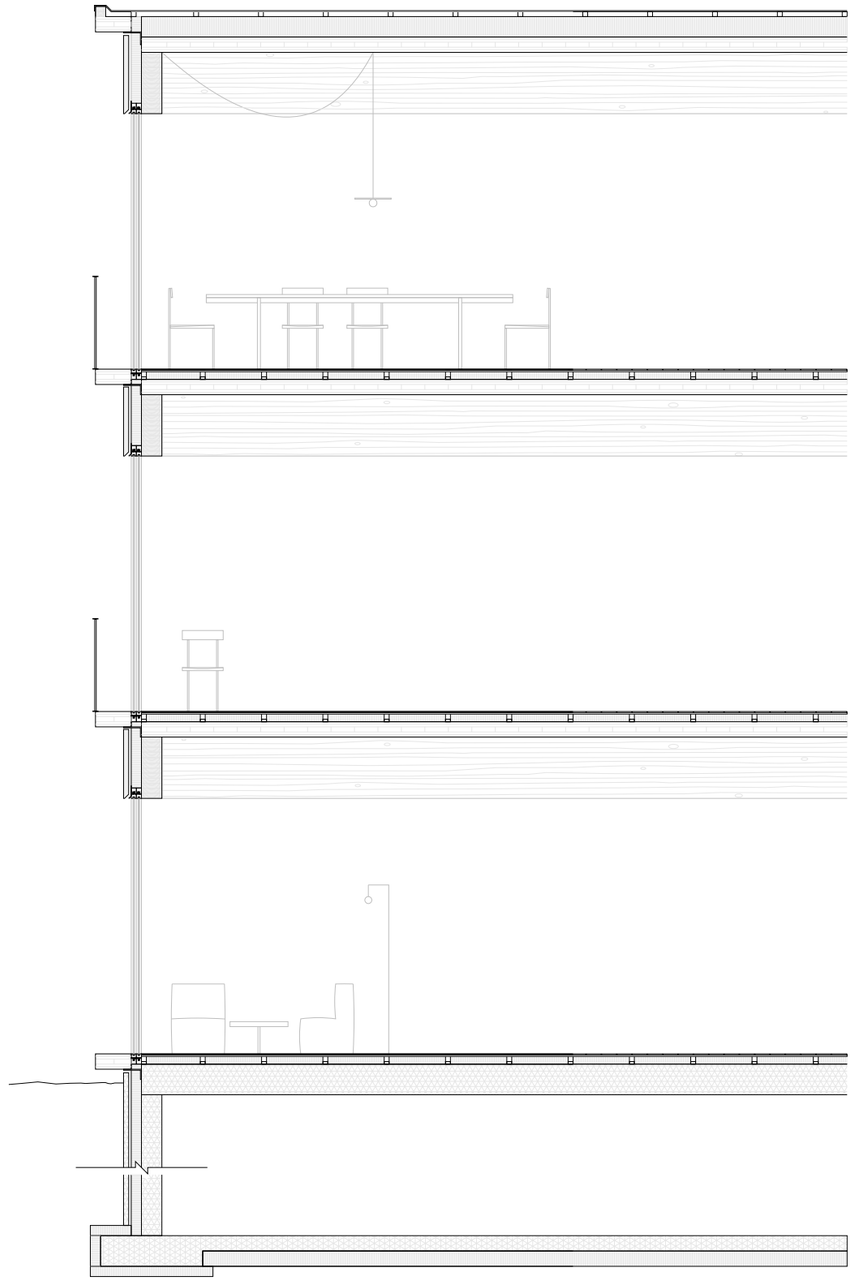
1 3 5



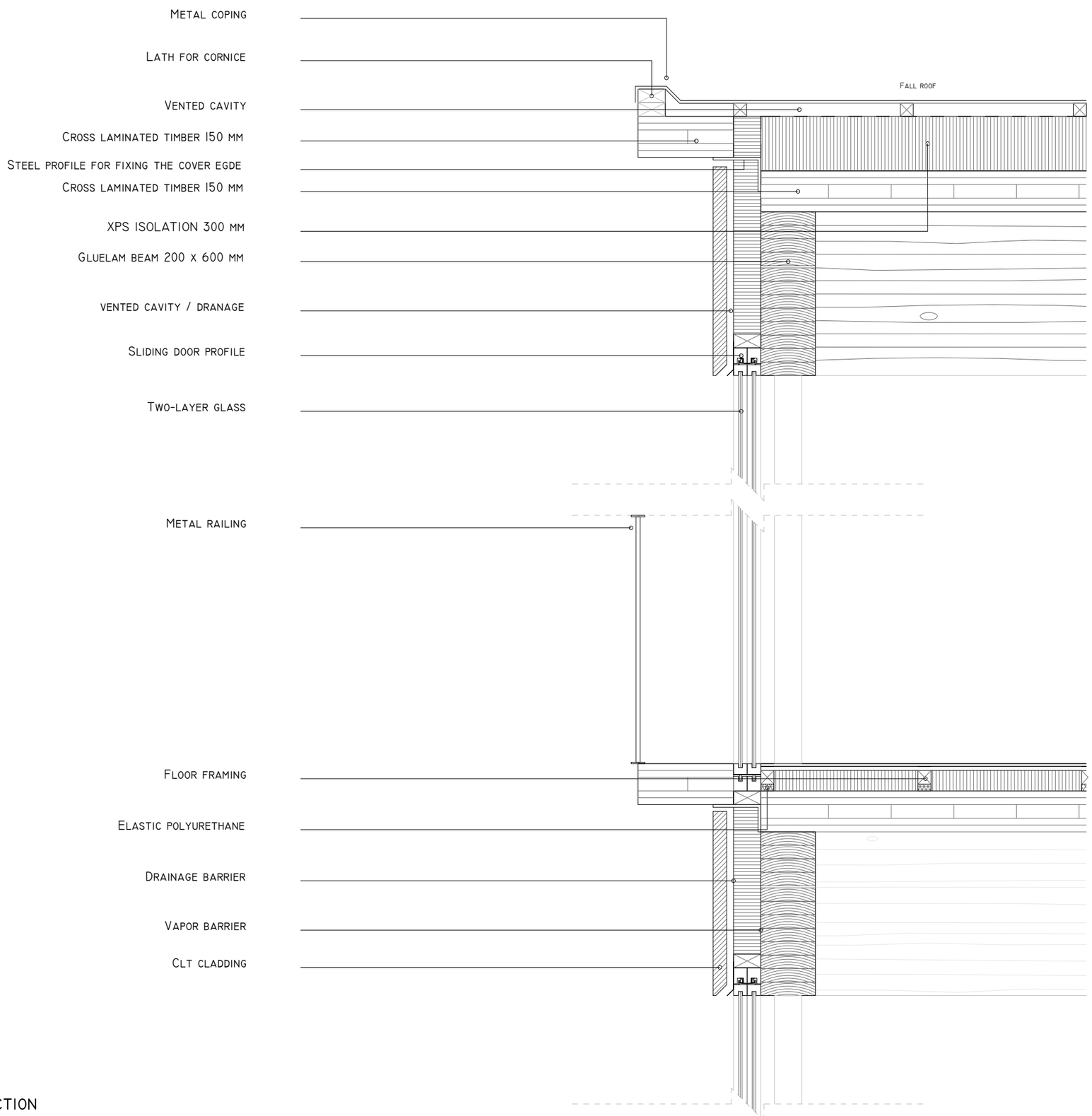

1.100 Long section C-C

1 3 5

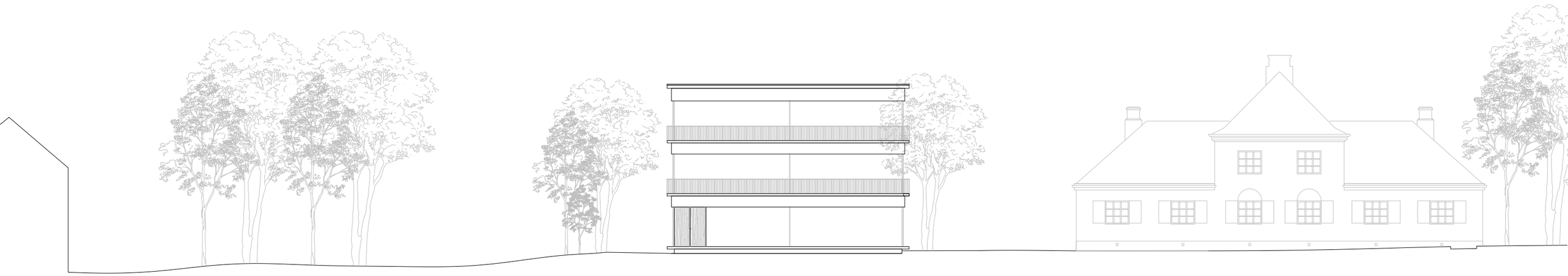




1.50 DETAIL SECTION

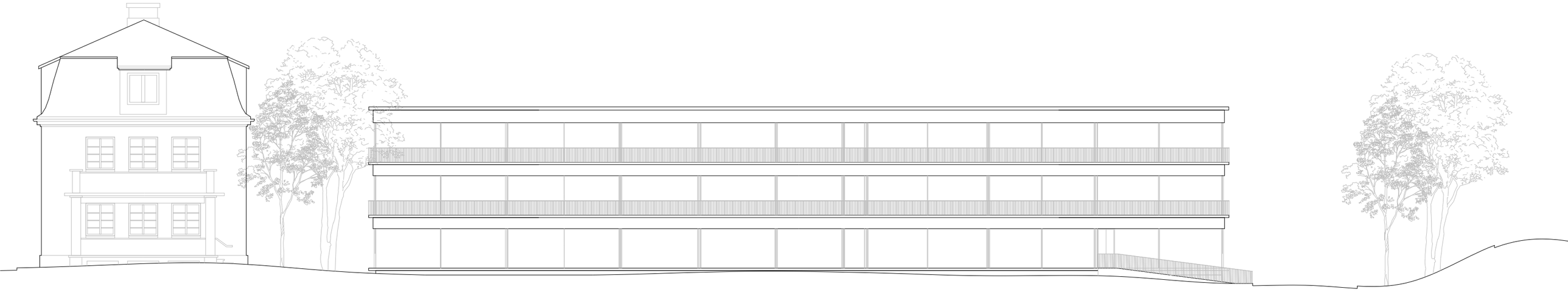



1.10 Wall section



1.200 ELEVATION EAST

1 0 5



1.200 Elevation south

Illustration of physical model