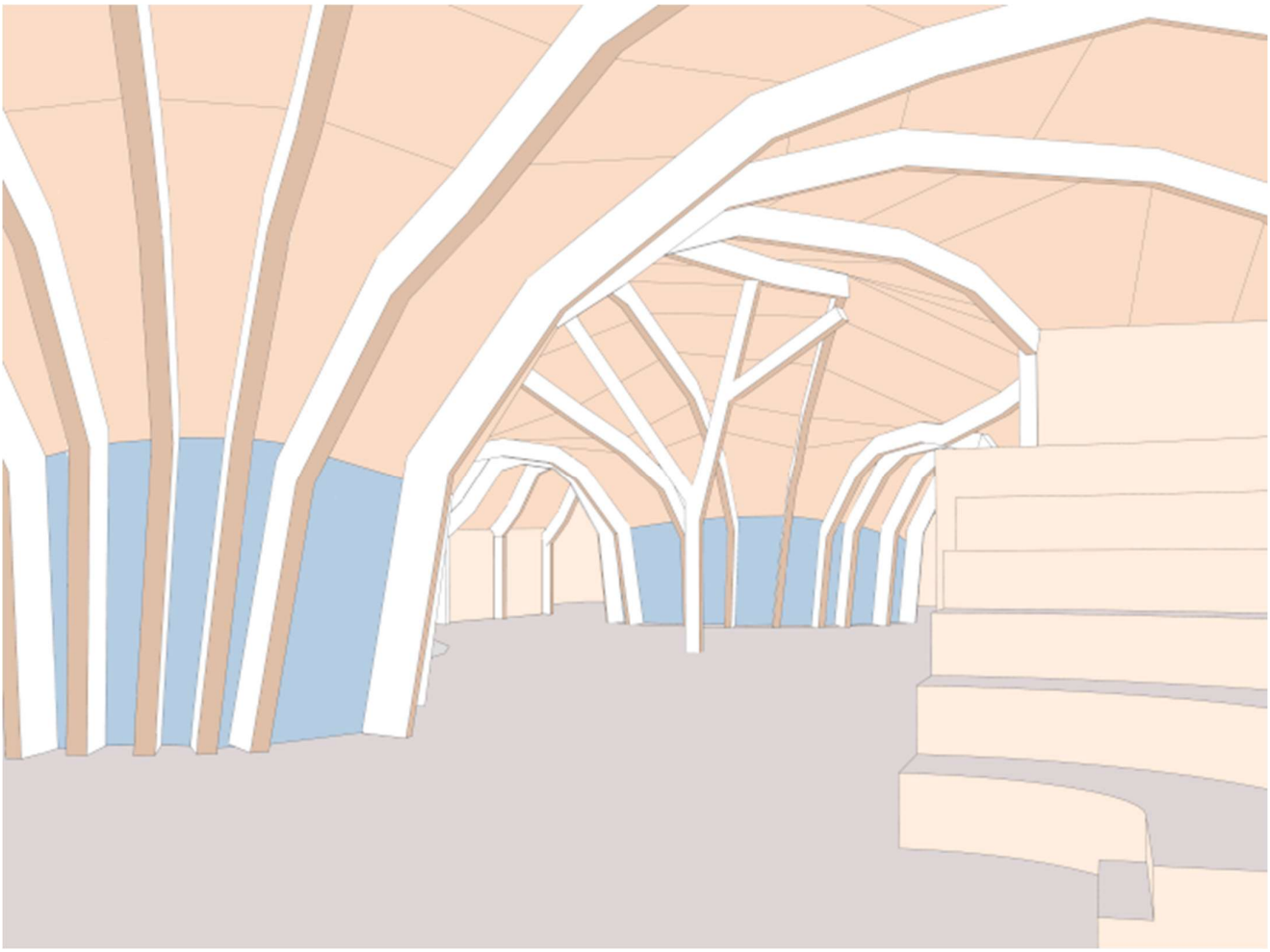


Cornille Martin

Explanatory Note

Architecture and society January 2025

School

Programme

Sports

1.1 Sas to go outside ~16m²
1.2 Storage ~12m² x3 - 36m²
1.3 Changing room ~30m² x4 - 120m²
1.4 Shower + toilets ~20m² x4 - 80m²
1.5 Sport Hall ~350m²
1.6 Outdoor storage ~6m²
1.7 Technical room ~6m²
1.8 Sauna ~12m²
1.9 Teacher changing room ~12m² x2 - 24m²
1.10 Swimming pool ~150m²
1.11 Waiting area

Administration

2.1 Main entrance
2.2 Director's office ~16m²
2.3 Vice directors office ~16m²
2.4 Teacher's room ~42m²
2.5 Teacher's rest room ~16m²
2.6 Toilets ~8m²
2.7 Underground floor - ventilation + heat + electricity
2.8 office ~21m²
2.9 Kitchen ~36m²
2.10 Washing ~16m²
2.11 Cold room ~12m²
2.12 Dry food storage ~14m²
2.13 Changing room + toilets + shower ~20m²

Middle school

4.1 Cleaning equipment ~8m²
4.2 Storage ~8m²
4.3 Utility room for IT ~18m²
4.4 IT room ~50m²
4.5 Storage and service room ~50m²
4.6 Archive ~16m²
4.7 Toilets ~20m² x2 - 40m²
4.8 Classroom ~40m² x12 - 480m²
4.9 Naturalist room ~40m²
4.10 Outside classroom ~50m²
4.11 Music room ~46m²
4.12 Art room ~30m²
4.13 Library and prolonged stay room ~65m²
4.14 Open auditorium
4.15 Dining room ~150m²
4.16 Noisy inside recreation space
4.17 Calm inside recreation space
4.18 Cloakroom and calm sitting recreation ~35m² x2 -70m²
4.19 Calm outside recreation space
4.20 Noisy outside recreation space
4.21 Inner courtyards

Therapists

3.1 Therapist ~18m²
3.2 Ergo therapist ~18m²
3.3 Special therapist ~18m²
3.4 Speech therapist ~18m²
3.5 Sociologist ~14m²
3.6 Technical staff ~30m²
3.7 Kine ~20m²
3.8 Massage rooms ~12m² x2 - 24m²
3.9 Toilets ~6m²

Kindergdarden

5.1 Classroom ~48m² x4 -192m²
5.2 Cloakroom ~20m²
5.3 Dining + recreation + choreoraphy room ~150m²
5.4 Teacher's room ~25m²
5.5 Toilets ~20m²
5.6 Washroom ~24m²
5.7 Laundry and linen ~40m²
5.8 Buffet ~30m²
5.9 Storage ~30m²

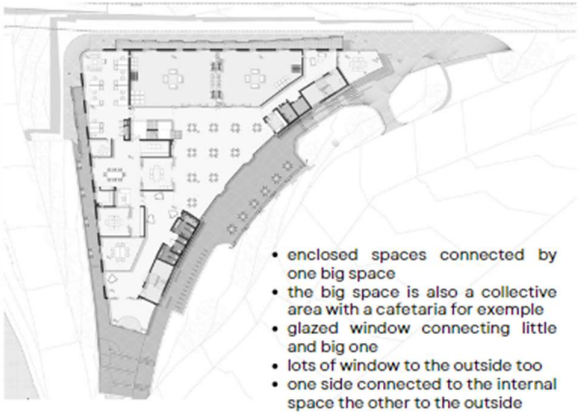
Analogues

HPI SCHOOL OF DESIGN THINKING / KMH ARCHITECTS

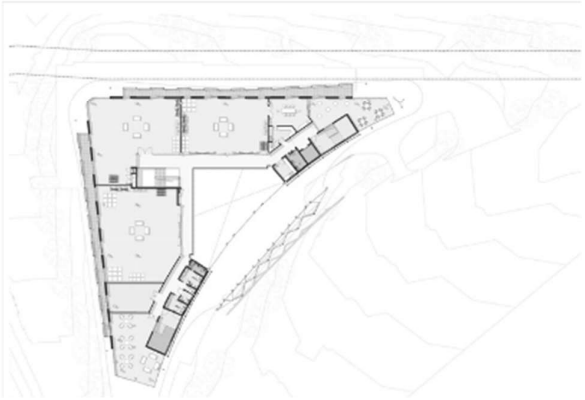
1. **Spatial organisation**







- enclosed spaces connected by one big space
- the big space is also a collective area with a cafetaria for exemple
- glazed window connecting little and big one
- lots of window to the outside too
- one side connected to the internal space the other to the outside



2. Roof









- One big roof with a particular shape connect all the building
- the big common space has a bigger height
- the glazed roof give an impression of outside when in the common area
- the roof is connecting the outside and the inside
- the roof also protect from the façades from the rain

ČOARVEMÁTTA CULTURAL AND EDUCATIONAL HUB / SNØHETTA + 70°N ARKITEKTUR + JOAR NANGO

1. Roof

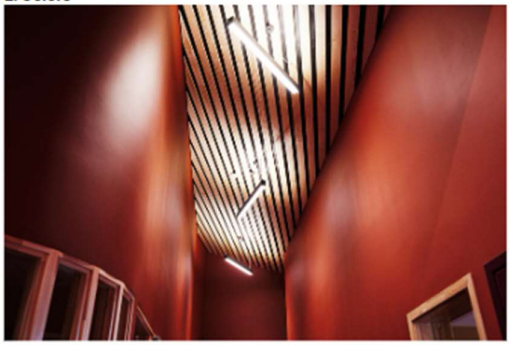






- the roof is the identity of the building
- it connects inside and outside
- nice light coming from hole in it
- nice height under ceiling for the central room
- interesting structure of the roof

2. Colors




- Nice colors going well with wood but with a lot of identity and adapted to children
- lots of other details that makes it a nice project

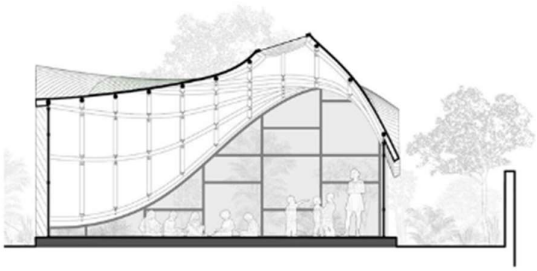


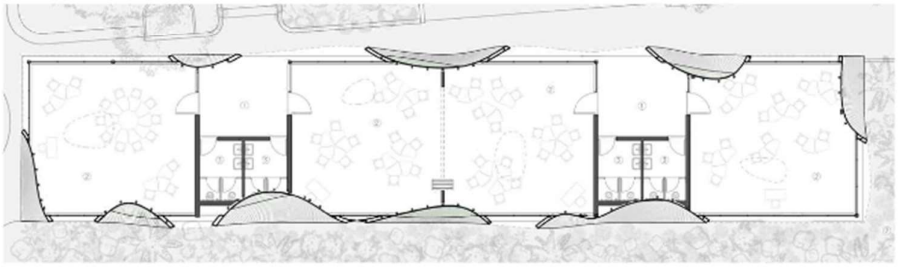


COCOON PRE-PRIMARY EXTENSION AT BLOOMINGDALE INTERNATIONAL SCHOOL / ANDBLACK DESIGN STUDIO

1. **Spatial organisation**







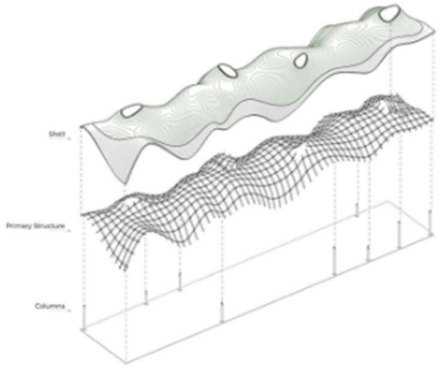
- The classroom and outside are well-connected trough big windows
- a little hall connected to outside works well to connect the classroom and as a transition
- the classroom that are connected trough a moving wall are also interesting to make a bigger space if needed

1. **Roof**









- the roof is really the identity of the building
- nice opening in it to bring light in every classroom
- the roof works also to find the nice amount of opening but keeping the feeling of connection with outside
- nice structure of the roof

KIRKMICHAEL PRIMARY SCHOOL / HOLMES MILLER

1. Spatial organisation









- no door between classrooms but still a clear distinction between them
- nice connection to the outside
- the different furniture is also well adapted for children

Site

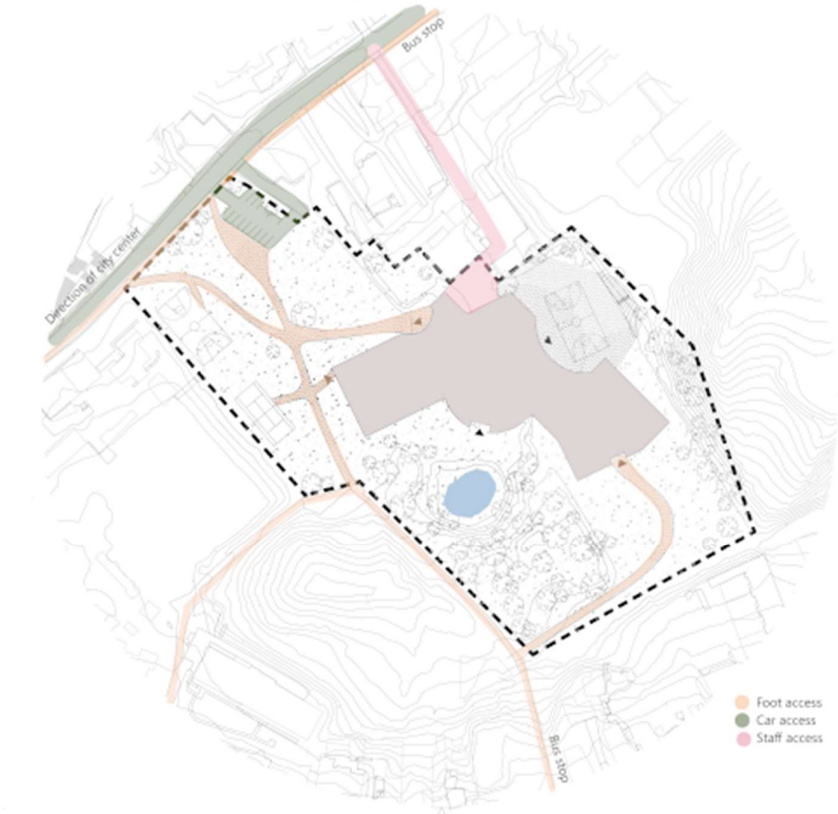
Plan



First Scheme



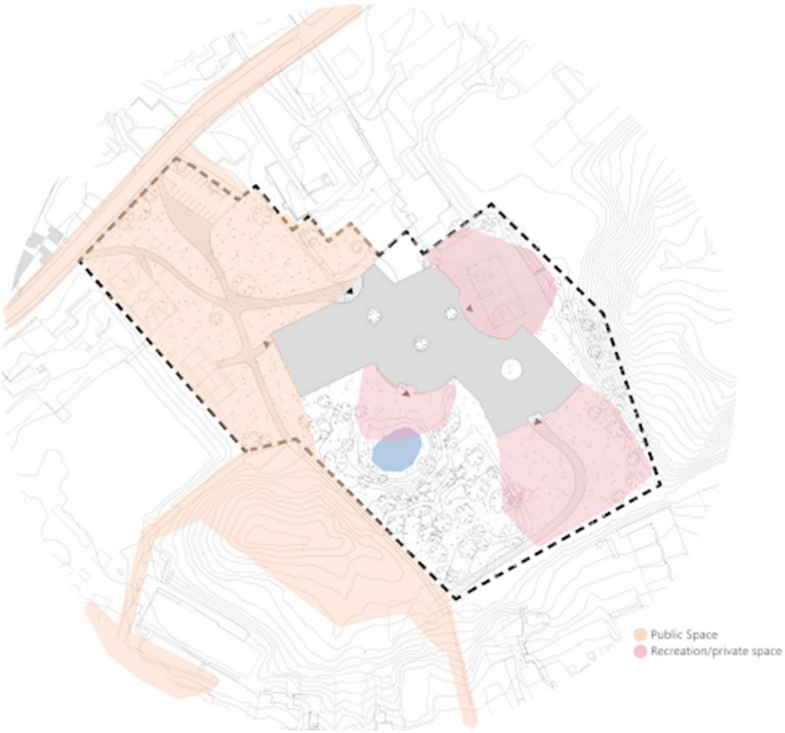

Site Plan
1 Main building of the school
2 Inner courtyards
3 Outdoor classroom
4 Main entrance
5 Public Parking
6 Parking for teacher and maintenance
7 Recreation
8 Public Sportfield
Trees
Gravel
Grass
Border of the site
Water
0 5 10 25m N
1/500


Bus stop
Direction of city center
Bus stop
Foot access
Car access
Staff access

Access



Vegetation

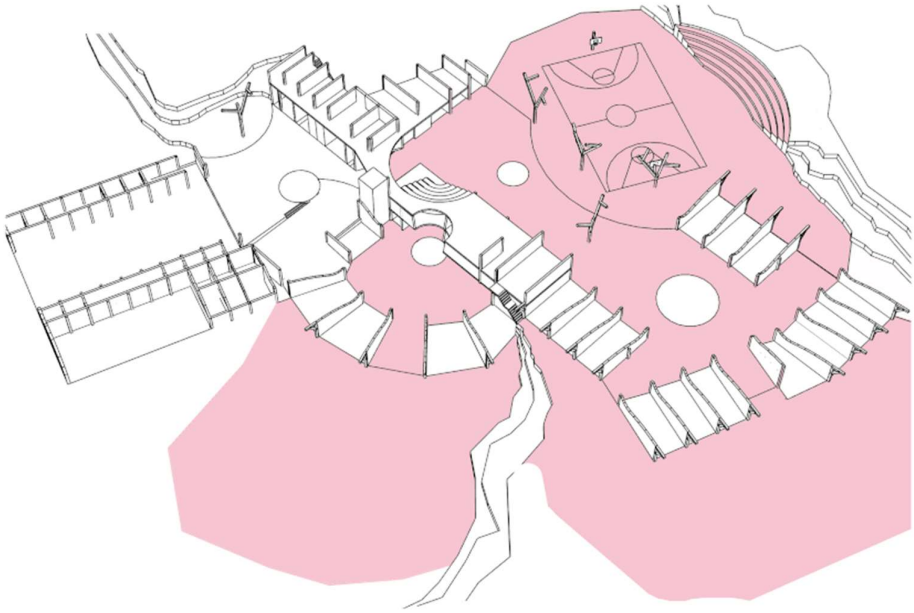


Outdoor areas

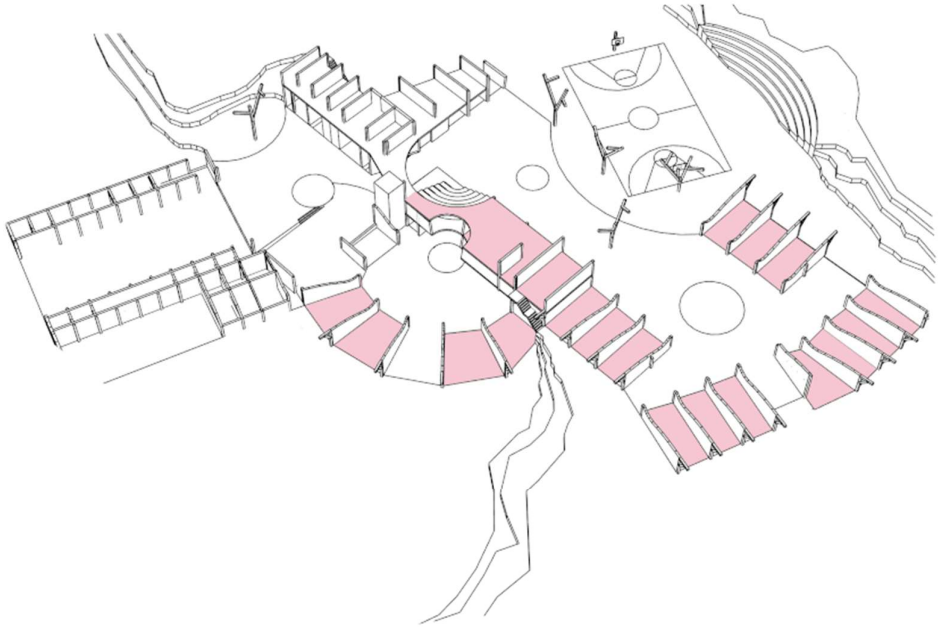
Organisation

First Scheme

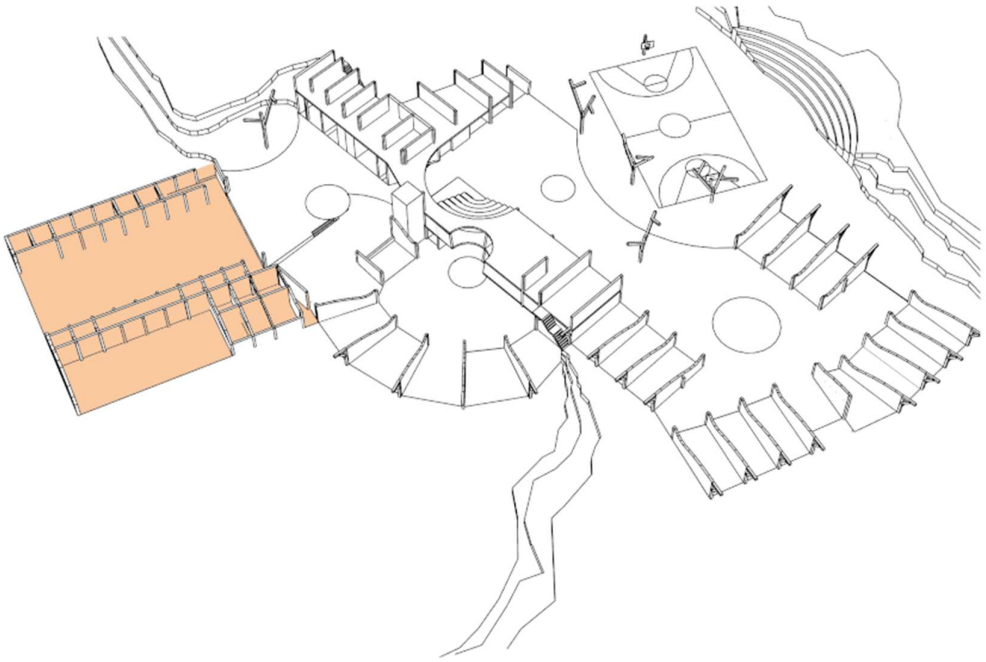




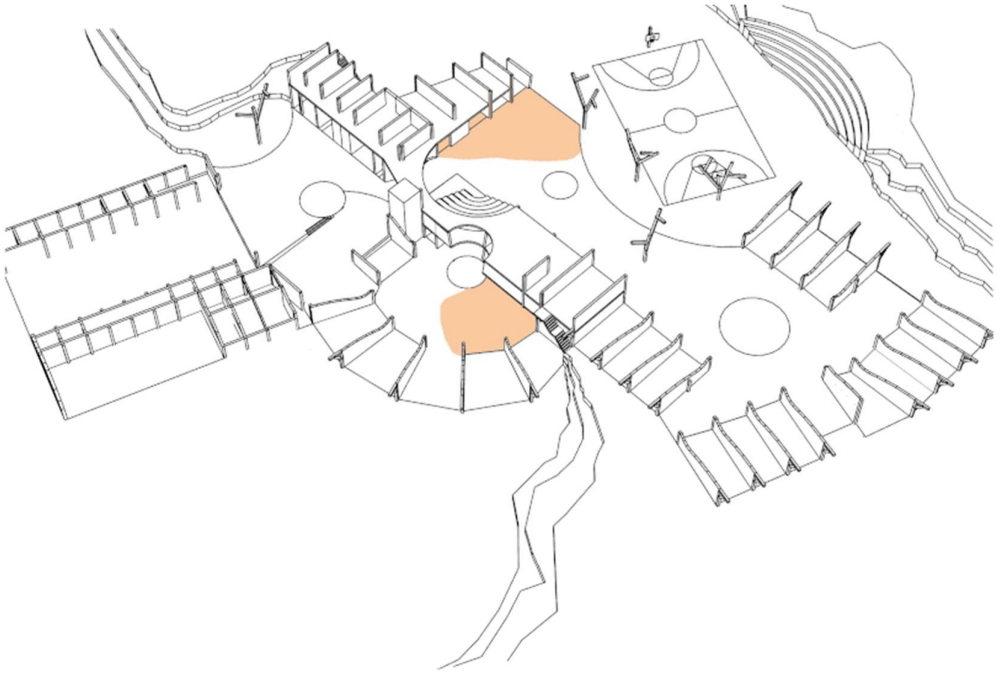
Recreations spaces



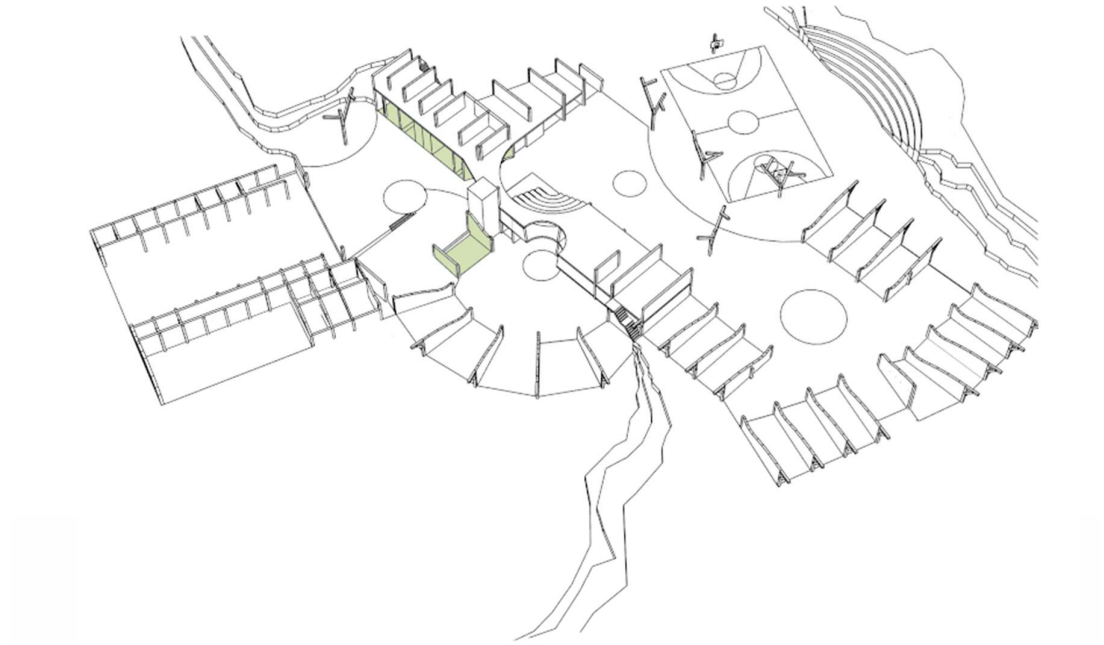
Classrooms



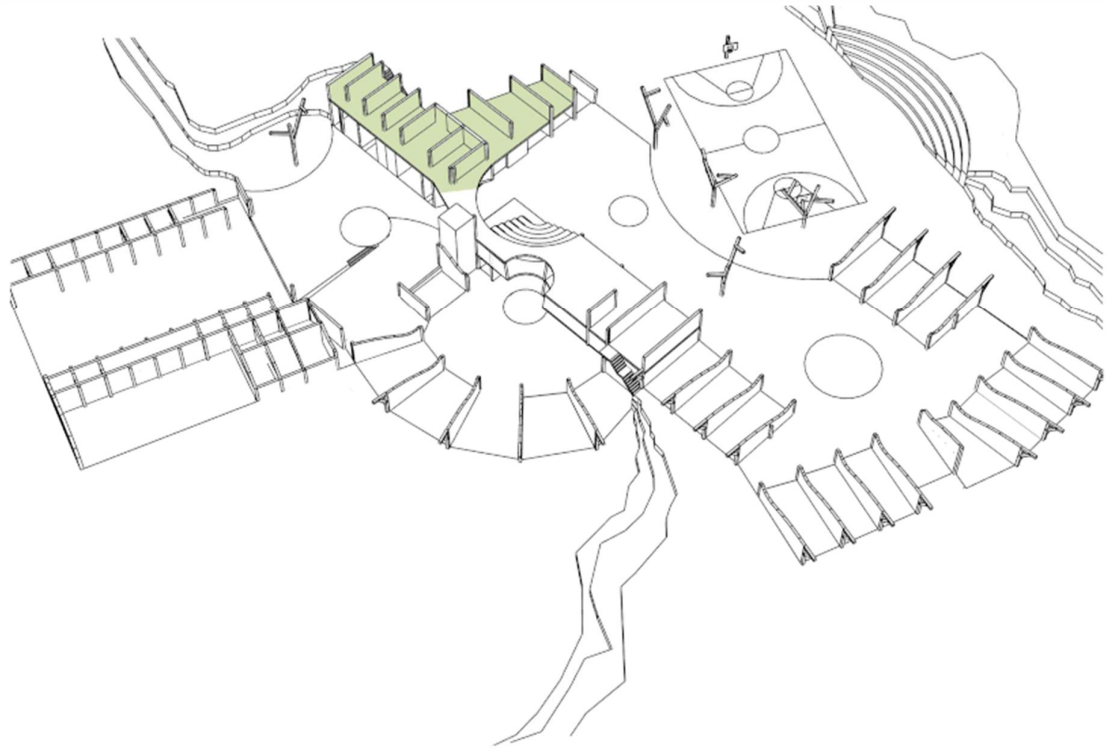
Sports



Dining



Administration

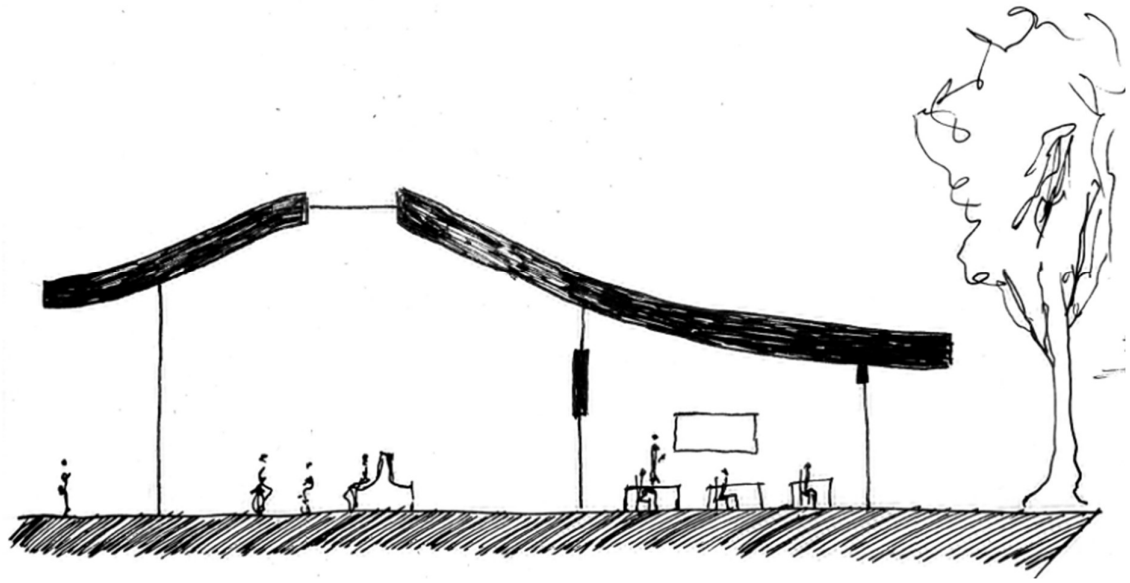


Therapists

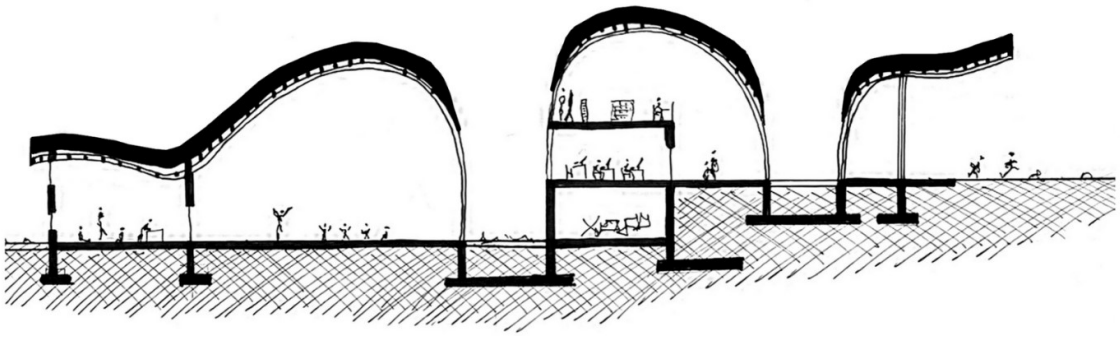
Roof

First sketches

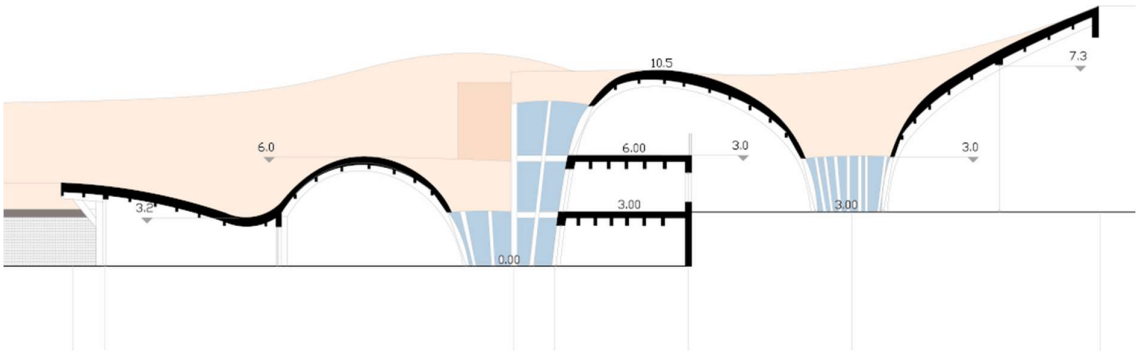




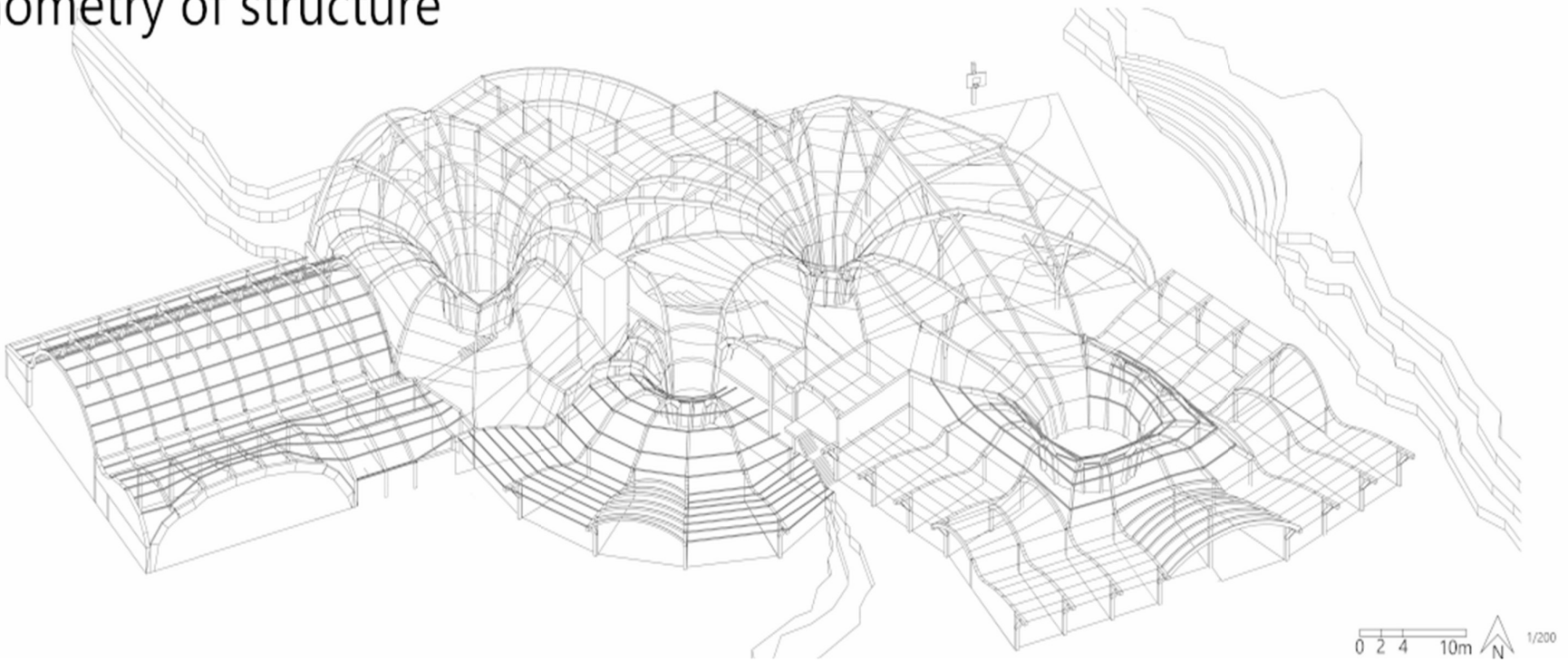
First Section



Final Section

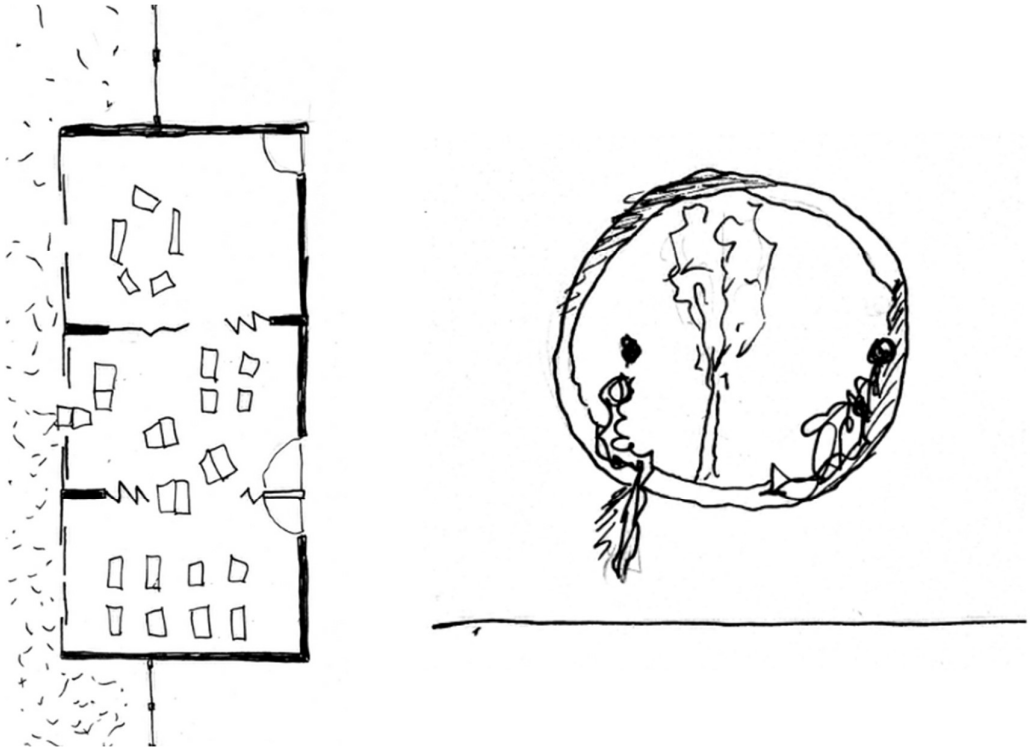


Axonometry of structure



Classroom

Idea



Final Drawings

