Process

Inclusive Interiorities

A focus on women; towards more inclusive designs

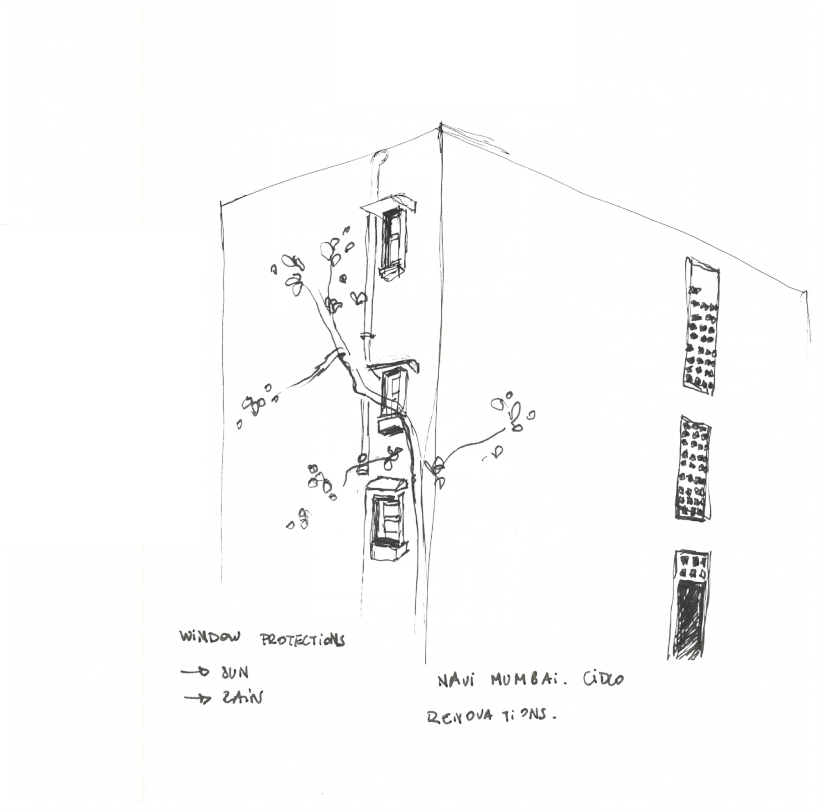
Process

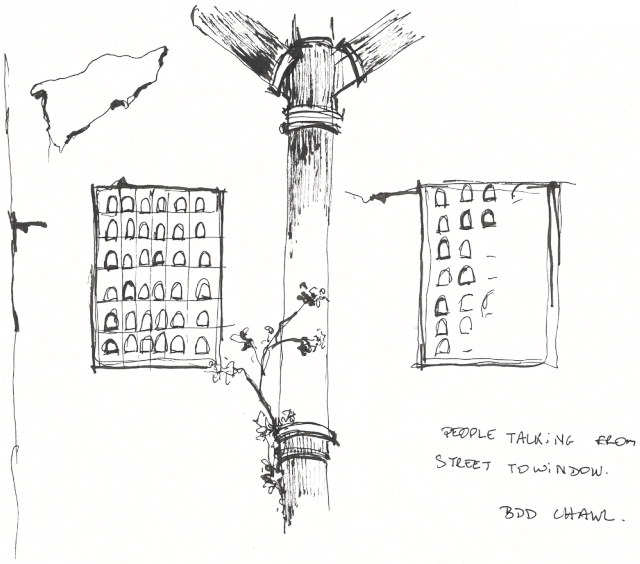
1. Methodology

From the beginning, I found personal resonance with the approach of the studio, where visual ethnography was presented to us as a research and analysis method. Having studied anthropology and sociology, I approached it with a lot of enthusiasm. The visual aspect of ethnography appealed me as I have been used to sketch during my bachelor studies, employing it as research, design and communication tool.
I decided to follow this visual approach, first during the fieldtrip, using sketches and notes as testimonies and ways to analyse the reality of the city, with a potential relevance for the design project later on. Sketching helped me a lot during the design process, as a means to rework plans, sections, and especially details. These visual representations, I believe, are very important to understand the space and its qualities, then helping to take design decisions. In the final presentations, I introduced hand-drawn illustrations, which come in continutation of the whole thinking and designing process.
Besides that, I used model making during the design phase as a working, thinking and designing tool. It allowed me to experiment, test and improve the design, also by learning from my mistakes.
In my opinion, all these techniques added a more personal, visual and sensitive layer to my approach, enriching the theoretical and necessary background research done within the studio.

2. Site visits

CIDCO Housing
Navi Mumbai





PEOPLE TALKING FROM STREET TO WINDOW.

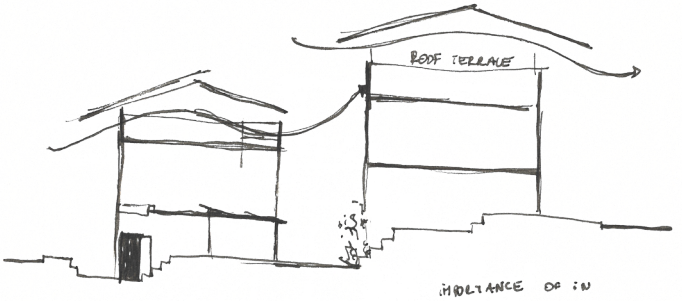
BDD CHAWL.

IN THE CORRIDORS:
WOMEN DO HOUSE CHORES TOGETHER → COMMUNITY BONDS.

EXTENSIONS ALLOWED WITHOUT PERMIT TODAY.

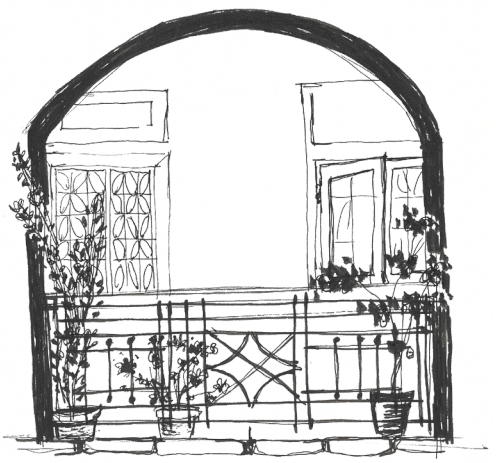
→ BEFORE = 10ppl LIVING IN ≈ 6m².
TODAY = 4ppl + EXTENS° OF 3m².

COMMON TOILETS IN CORRIDORS
PRIVATE BATHROOMS IN APTS.

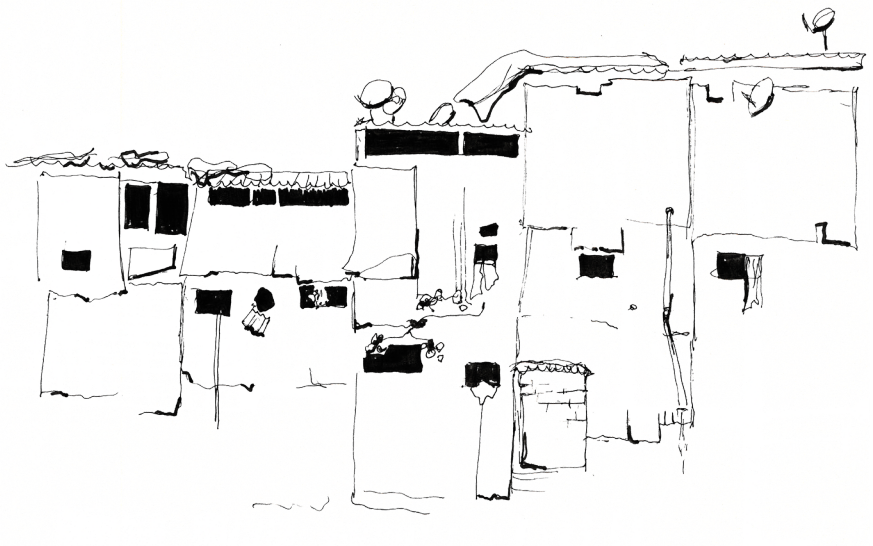


IMPORTANCE OF IN
BTWN SPACES. SMALL
VILLAGE. HALF LEVELS
STEPS. SMALL SQUARES

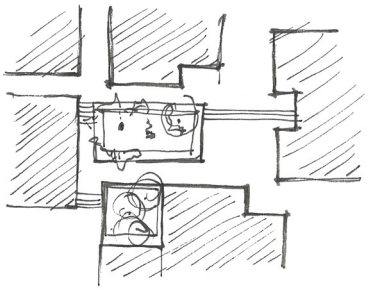
Kotachiwadi

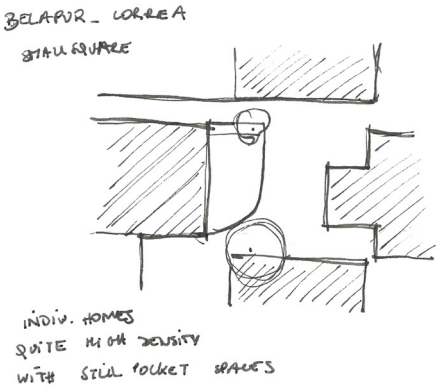


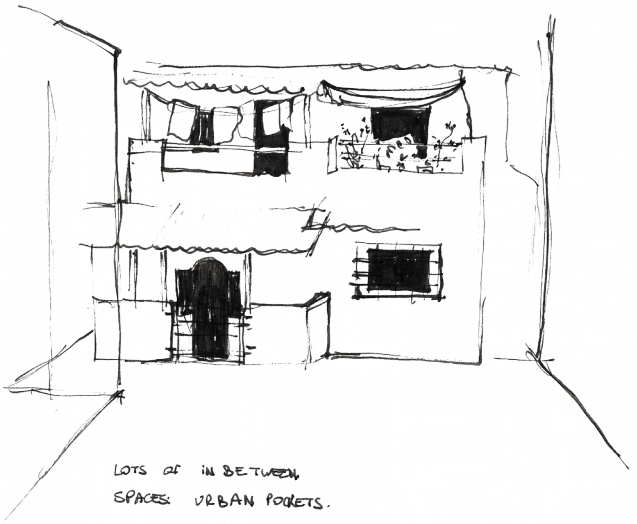
Facade in
Dharavi

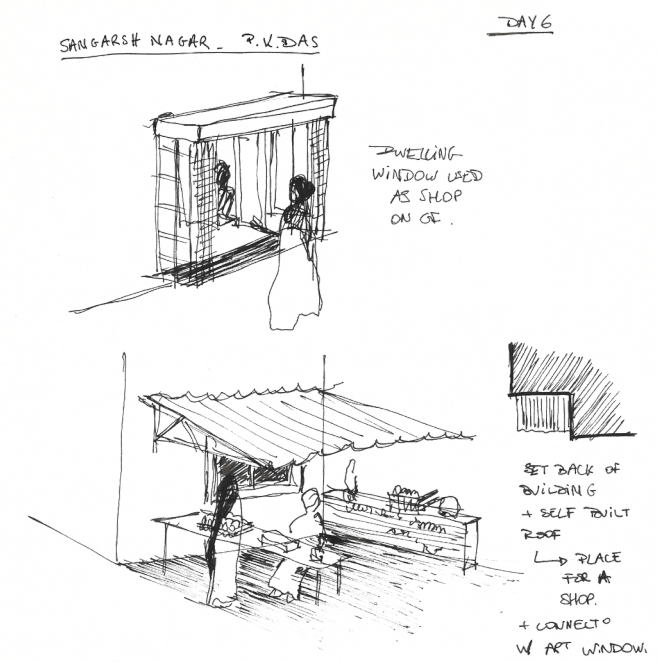


Belapur,
Charles Correa

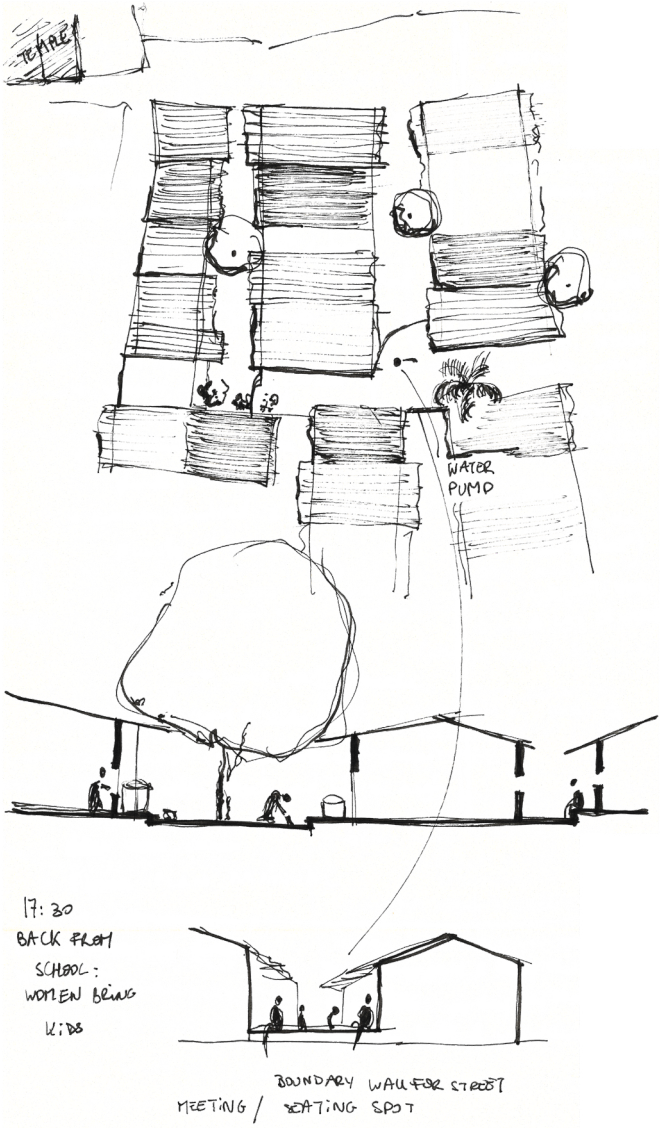




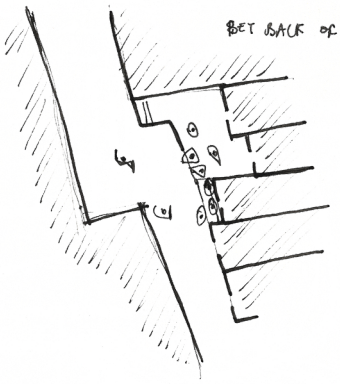



DAY 6
SANGARSH NAGAR - P.K.DAS
DWELLING-
WINDOW USED
AS SHOP
ON GF.
SET BACK of
BUILDING
+ SELF BUILT
ROOF
PLACE
FOR A
SHOP.
+ CONNECT°
W ART WINDOW.
Mumbai : rpr° of main phenomenas in
India & in the world.
SIMILAR ISSUES worldwide.
DESIGN - Too often becomes a product.
DENSITY - f btwn theory/brief & practice.
each house = 30 m². small
dwellings → more density
BUILDINGS → PEOPLE
depend on each other.
(here: FSI=4
and 8 in practice)
Religious,
Cultural, Ecog, Gender
Social Networking

Urban
morphologies
of Nalaspara



DAY 5



SET BACK of HOUSES + STEPS = PLACE TO HANGOUT & MEET.

conflict:
domestic & public space. Women making food or working usually not too much exposed.

Chawls:
- structure, ✓ already ✓.
- shops & people already settled. A lot of activity - Public space & life. Relatively enough space to breathe & hangout.
- already connected to infra system (water)

Low chawls/ chawli
- ventilat° issues: too few space to breathe / open space
- no proper sanitat°/ water system.
- no building tenure
- too ~~big~~ small dwellings
- not so well connected to infra = low accessibility

DAILY USE OF SPACE

MORNING = use of space : INTERNAL
AF-EVENING = life / use progressively transfers outside.

Living space becomes workshop space: jewelery making, shoes fixing...

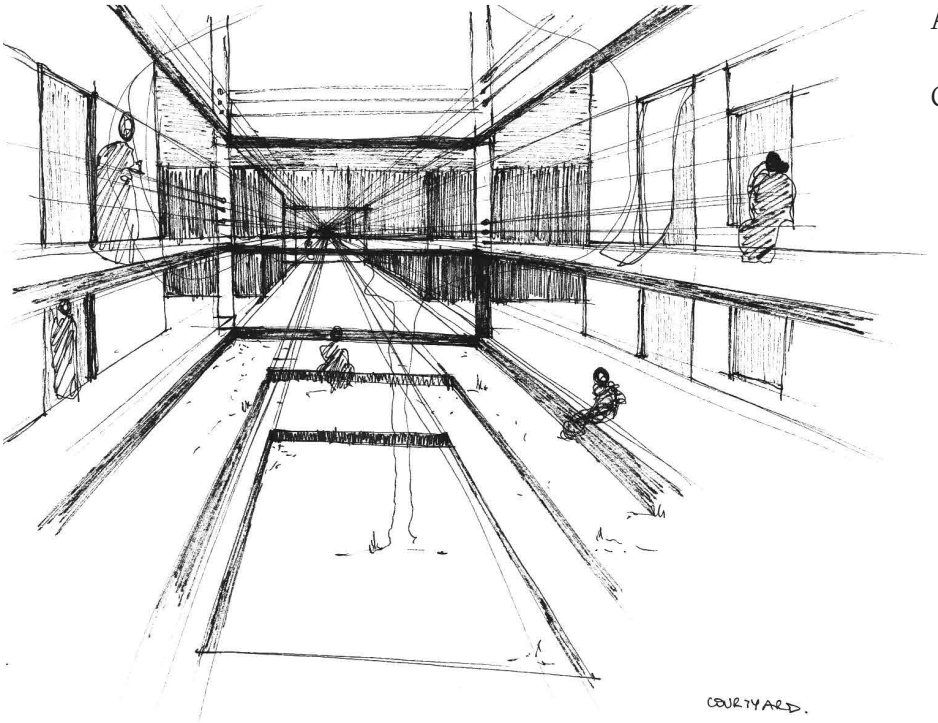
16:00 = naptime for women. living room empty. Kids go out.

17:30 = more to outside = chairs, socializat° + more light outside.

WATAHS: regulate privacy

18:30 = dinner prepared & thresholds to social interact° outside
Kids start playing outside
to women can check

3. Work in progerss

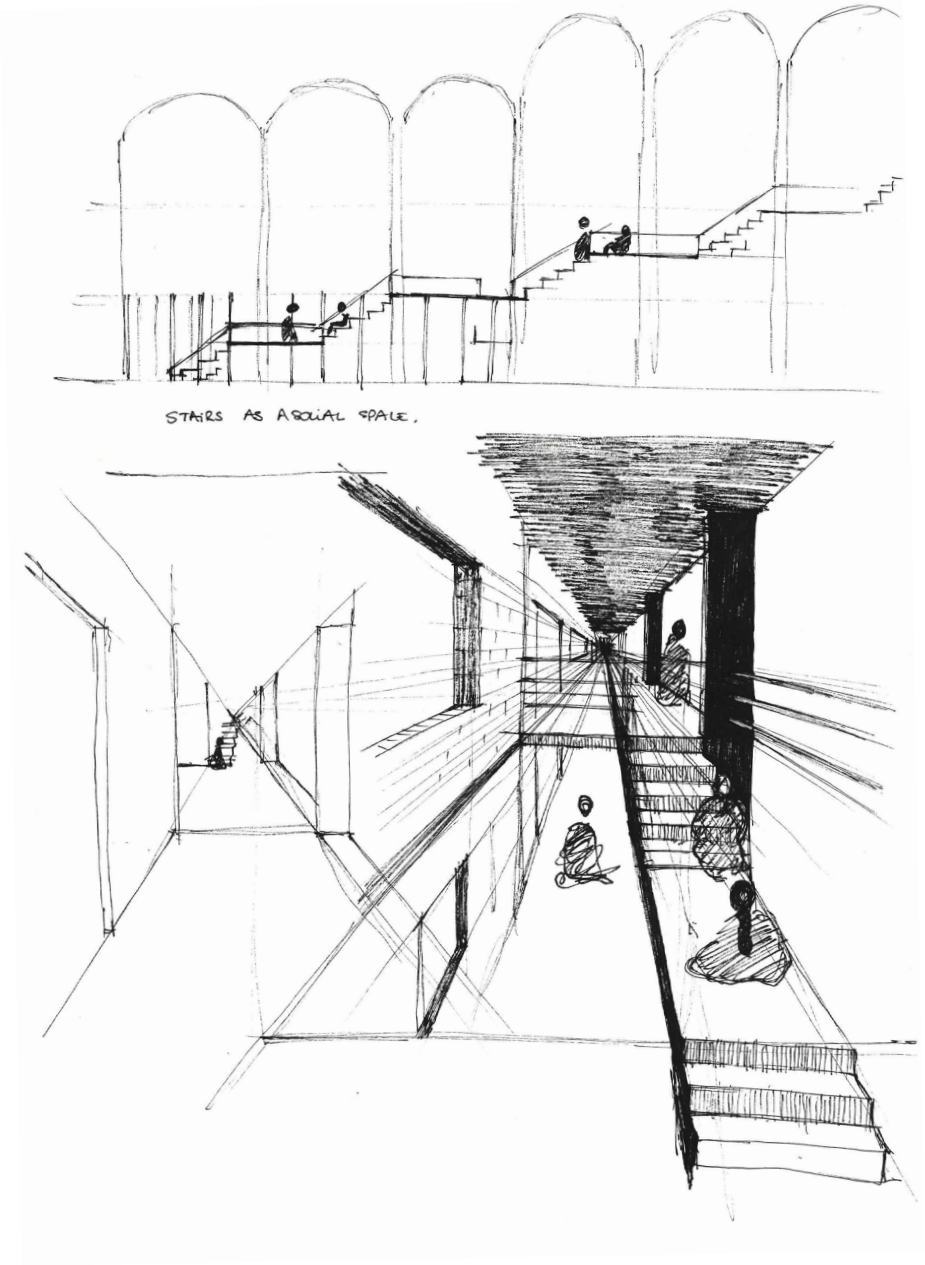


April 2019

Courtyard

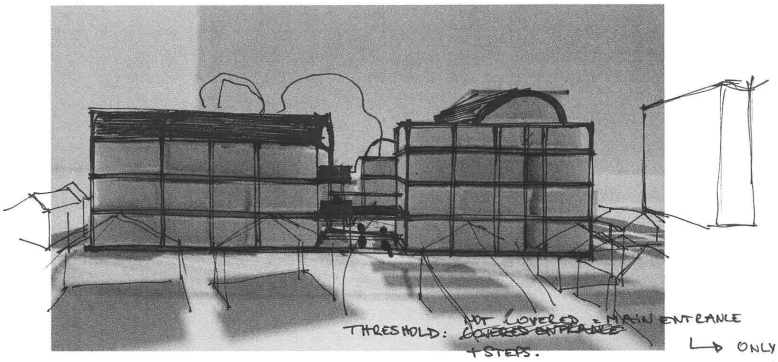
April 2019

Circulations

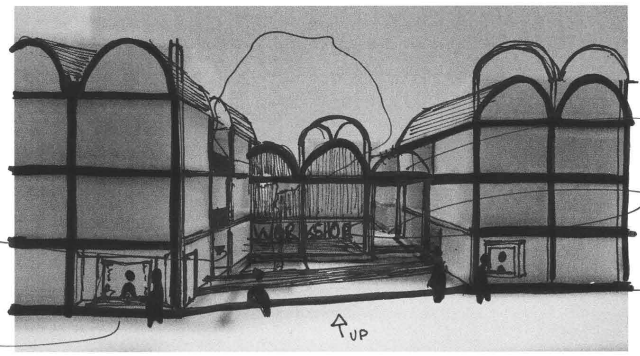


September 2019

Urban scale,
Volumetry,
Heights,
Shade



↳ ONLY 'PRIVATE' ENTRANCES ARE COVERED?
DISTINGUISH HIERARCHY!

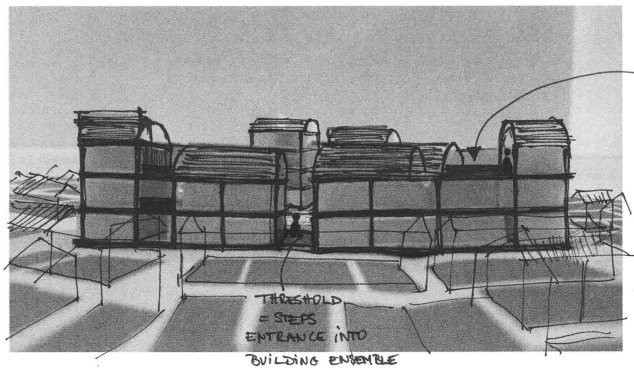


FLAT ROOF:
CIRCULATION = NOT PRIVATE

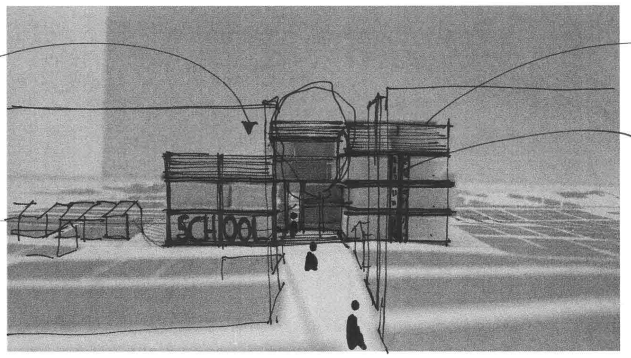
DOWN

PRIVATE ENTRANCES OF GF DWELLINGS.

WINDOWS OPEN FOR SHOPS ON GF



ACCESSIBLE ROOF TERRACE =
- WATER STORAGE ~~+ BOILER~~ + SOLAR COLLECTOR
- CLOTHES DRYING
- KIDS CAN PLAY
- SOCIALIZATION SPACE

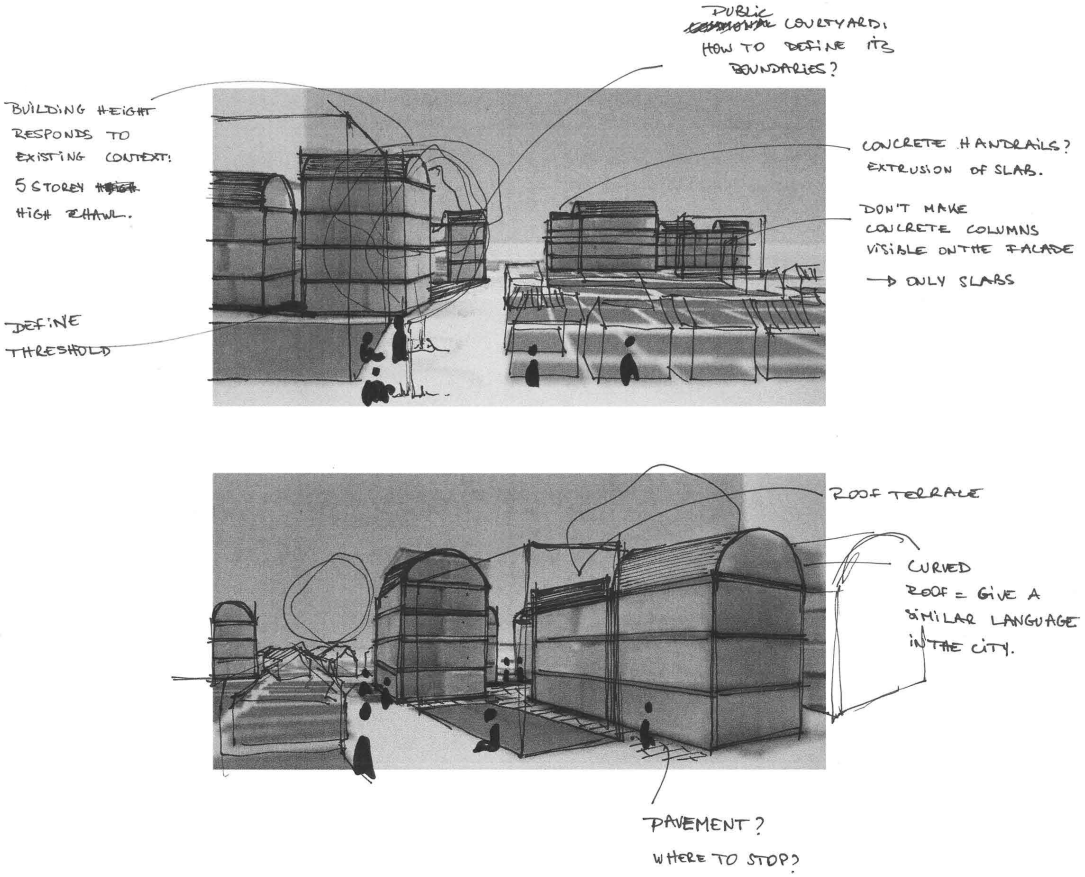


CAN BE HIGHER?

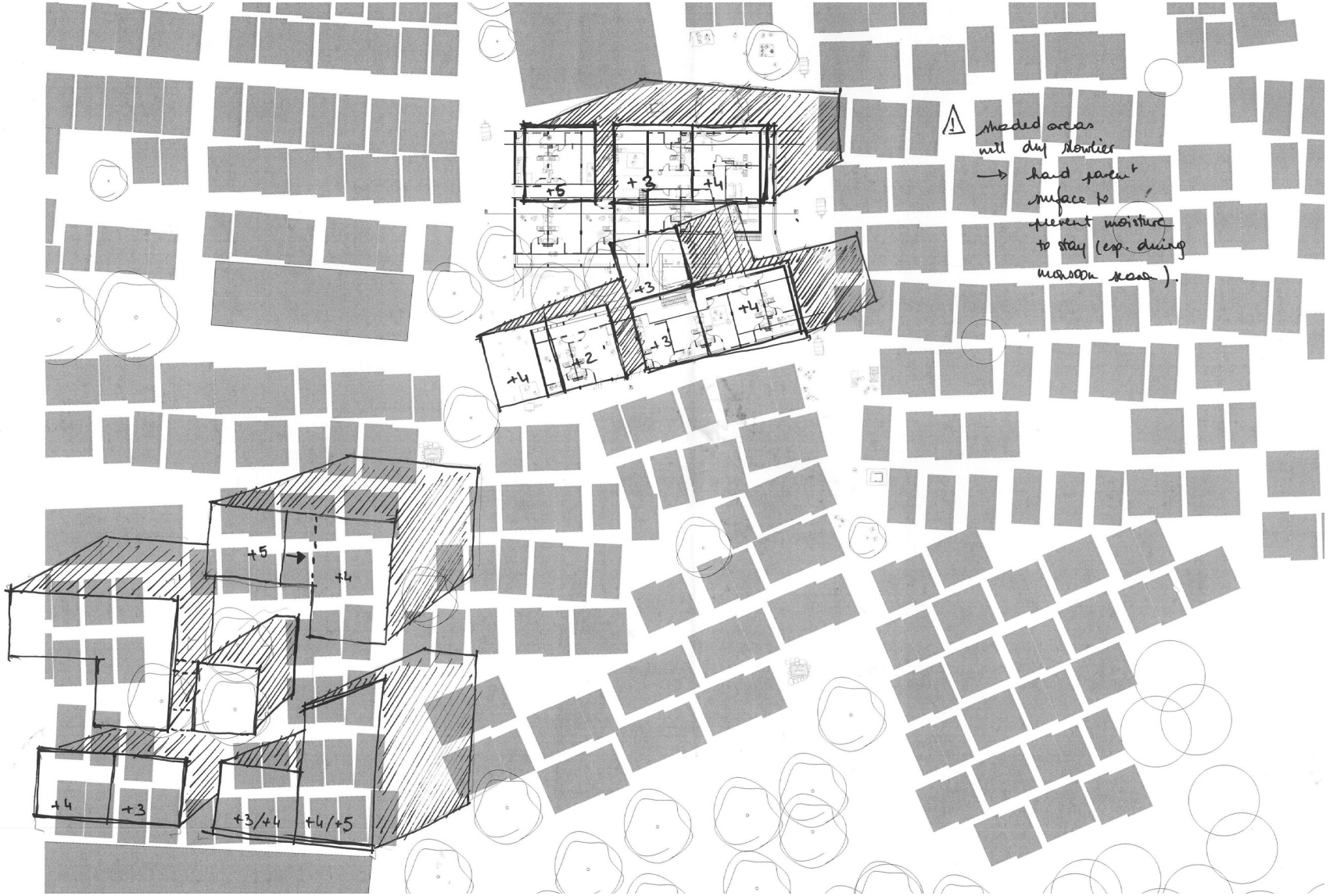
CAN ALSO BE HIGHER = KEEP UP WITH HEIGHT OF EXISTING 5 STOREY CHAWLS!

JALIS FOR LIGHT + VENTILATION IN CIRCULATIONS

OPENING THROUGH THE BUILDING:
VIEW + VENTILATION


PUBLIC COURTYARD: HOW TO DEFINE ITS BOUNDARIES?
BUILDING HEIGHT RESPONDS TO EXISTING CONTEXT: 5 STOREY HIGH WALL.
CONCRETE HANDRAILS? EXTRUSION OF SLAB.
DON'T MAKE CONCRETE COLUMNS VISIBLE ON THE FACADE → ONLY SLABS
DEFINE THRESHOLD
ROOF TERRACE
CURVED ROOF = GIVE A SIMILAR LANGUAGE IN THE CITY.
PAVEMENT? WHERE TO STOP?

+3
+4
+5
Move building this way so back street is enlarged → less shade of H buildings.

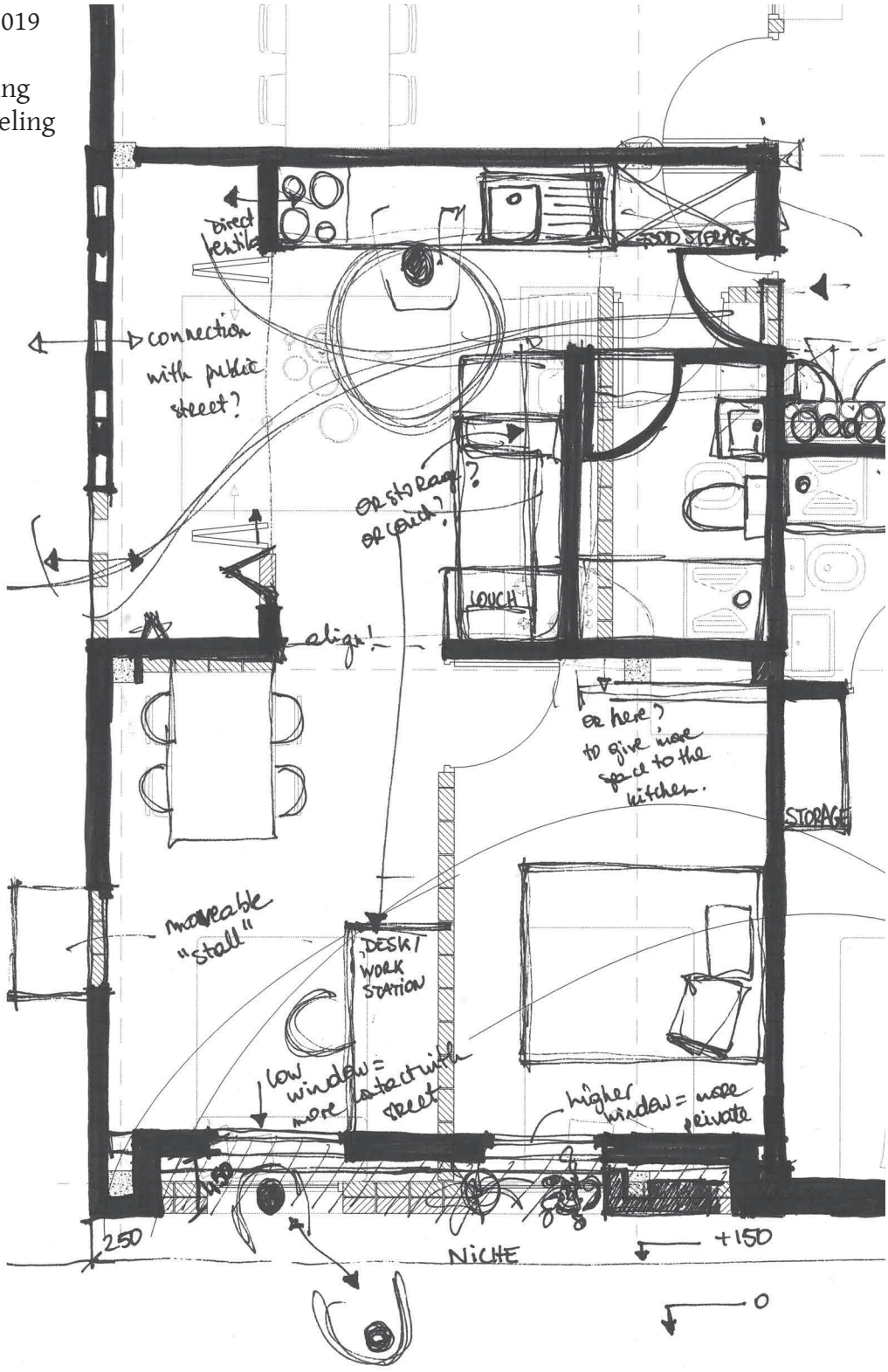

+5
+3
+4
+3
+4
+4
+2
+3
+5
+4
+4
+3
+3/+4
+4/+5
⚠ shaded areas will dry slowlier → hard paving surface to prevent moisture to stay (esp. during monsoon season).

October 2019

Development of the ground-floor

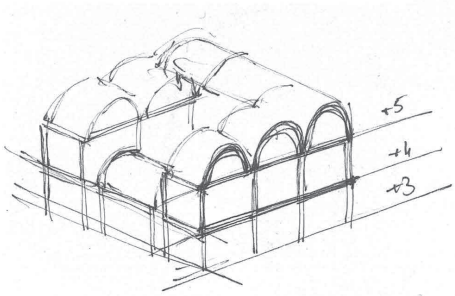
October 2019

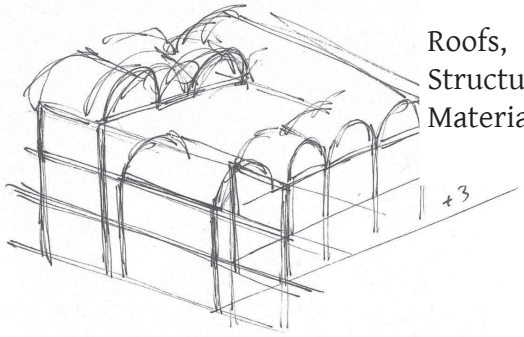
Functioning of the dweling units

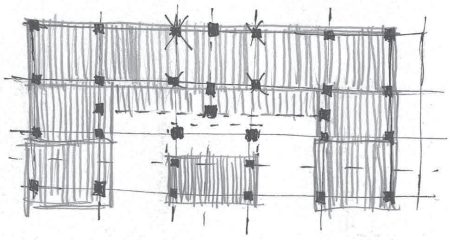


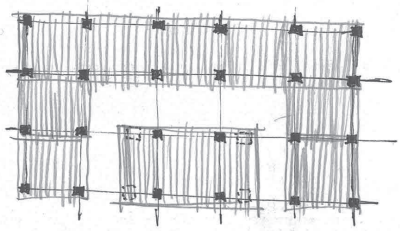
October 2019

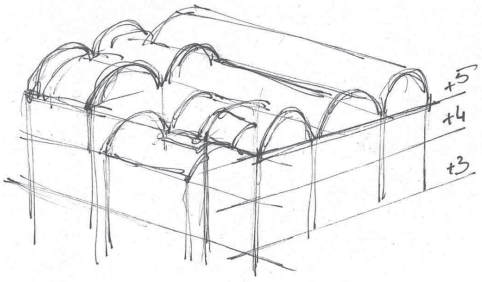
Roofs,
Structure,
Materials

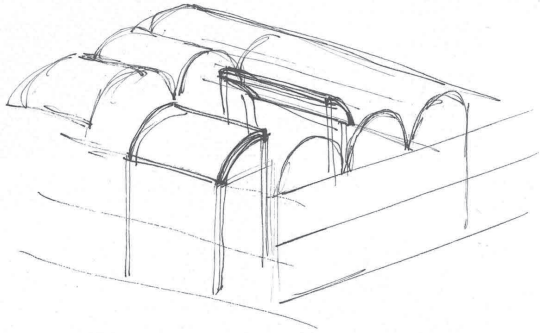


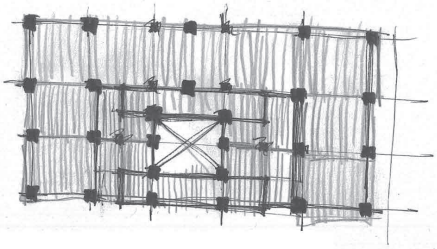


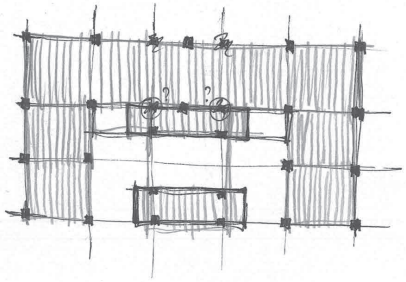


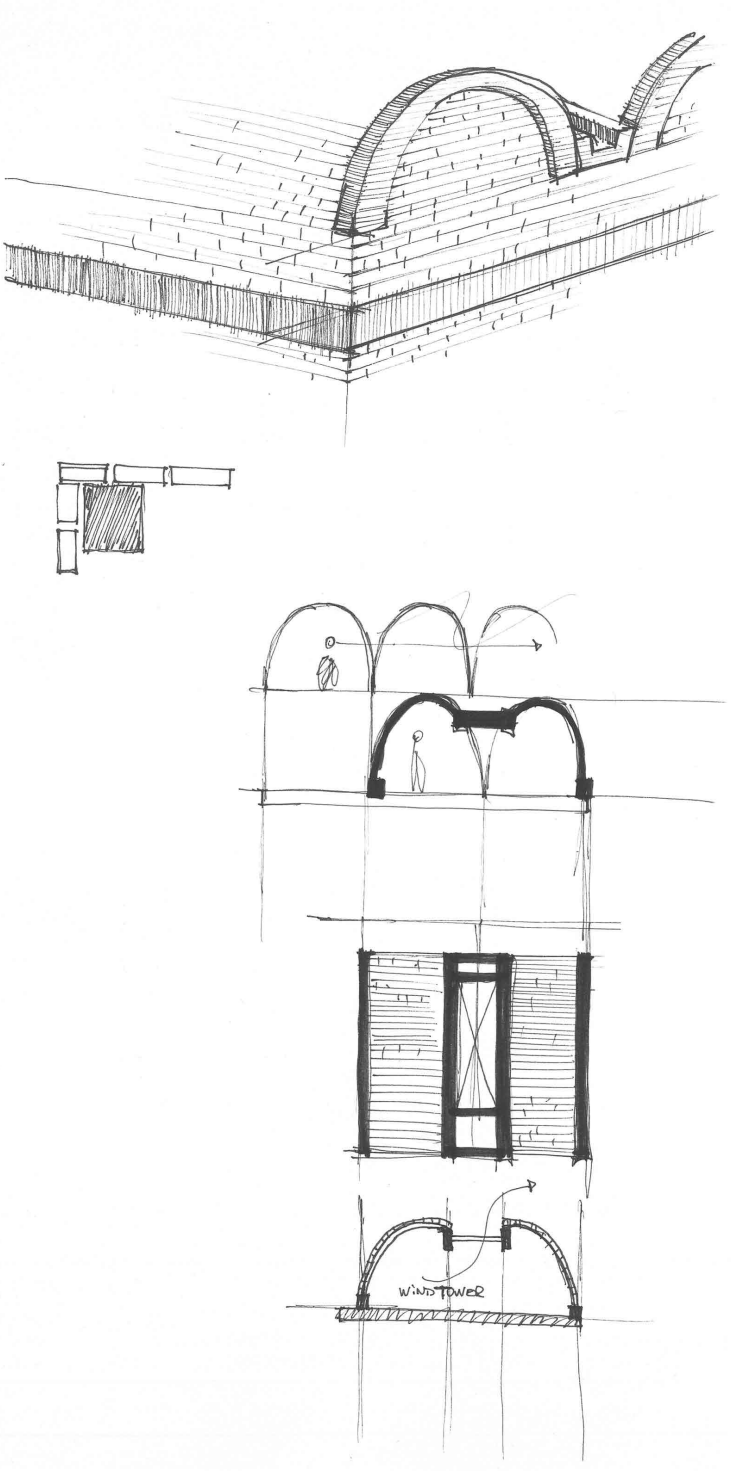


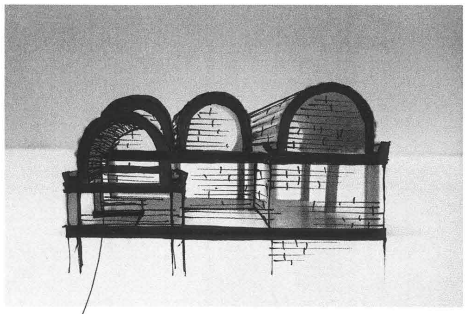


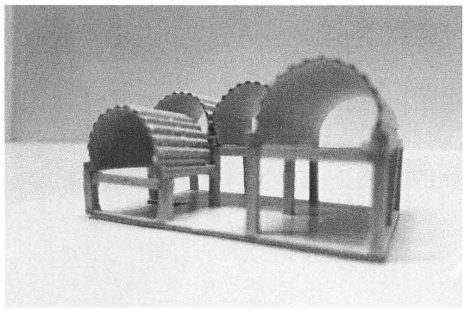







WINDTOWER



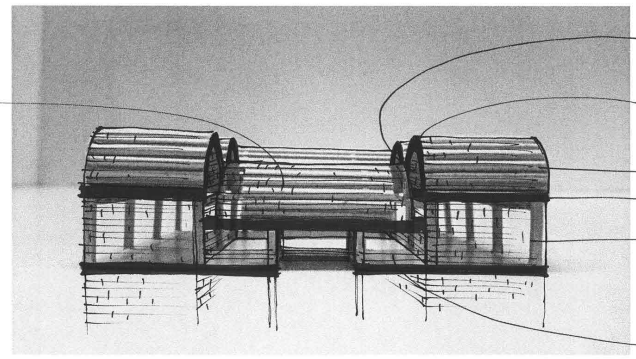


OPEN VAULT

* from inside : only concrete is visible

* from outside = beam (concrete) is visible + brick vault

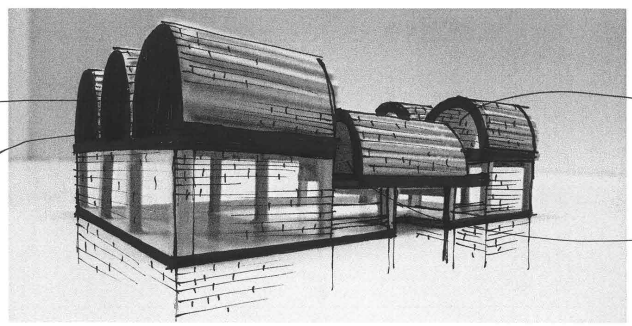
maybe opening in vault? act as wind tower for ventilation



- gap allows light in
- concrete arch w/ brick infill
- bricks
- inside concrete slab
- brick infill plastered inside & outside
- bamboo handrails

public side: concrete infill

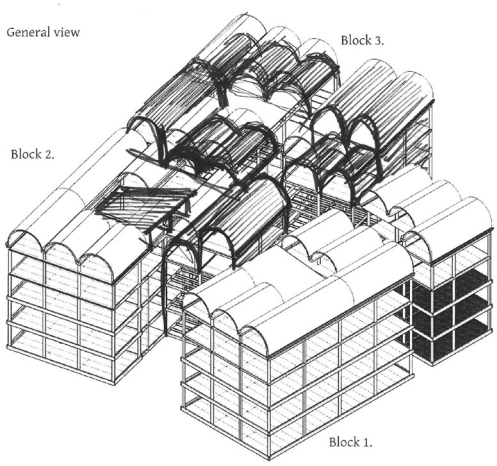
design gutter!



- "INTERIORITY" = brick infill
- OPEN = no infill only vault (concrete + bricks).

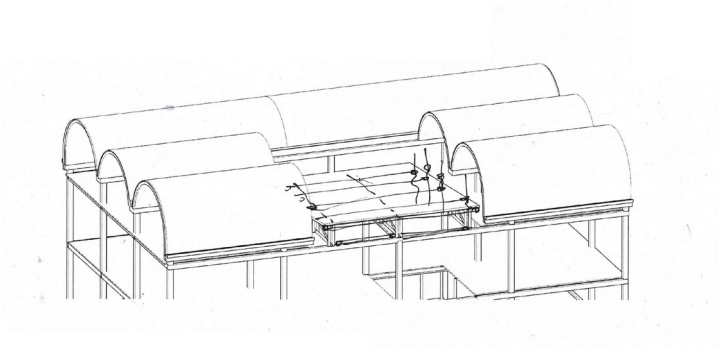
November 2019

Details
Structure
Materials

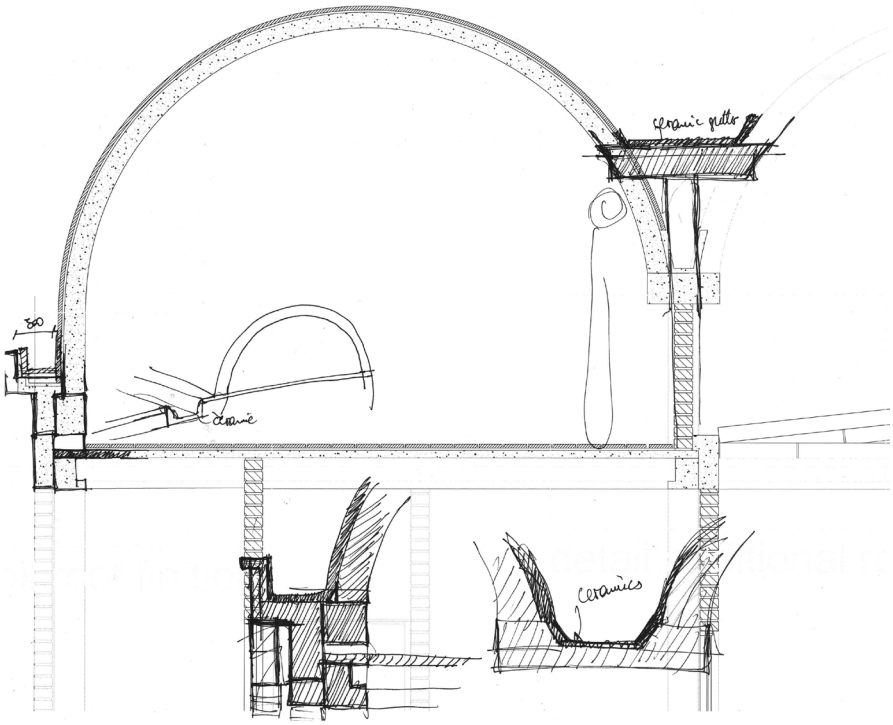


Playing with roof heights and shapes

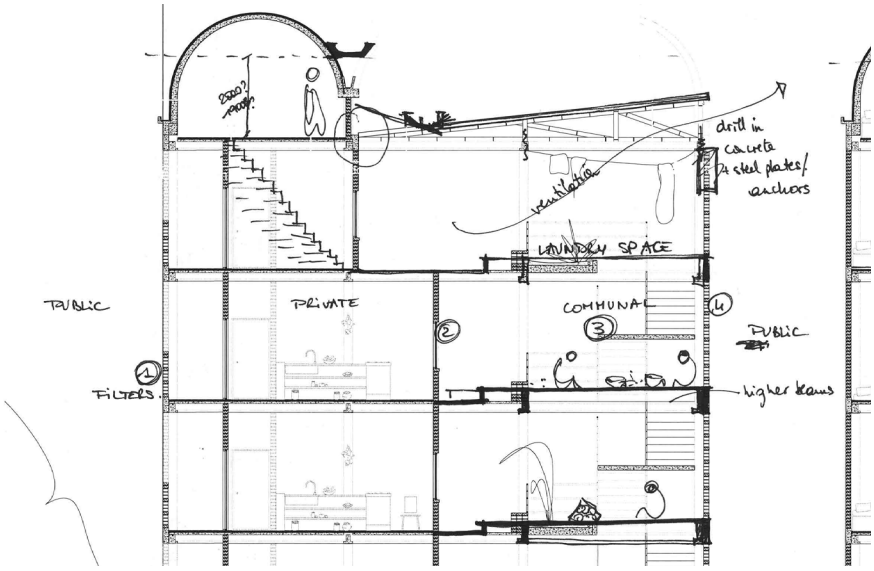
Additional lightweight bamboo roof



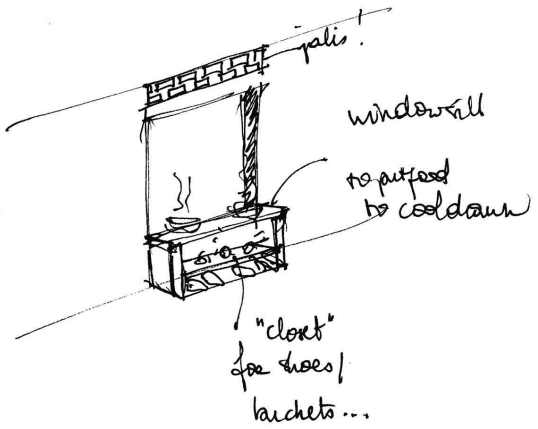
Concrete roof detail



Communal area

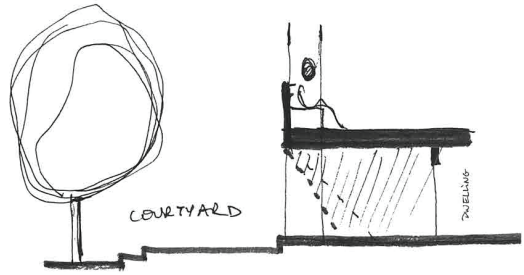


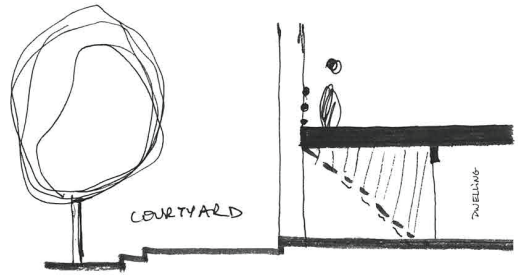
Window toward the communal space

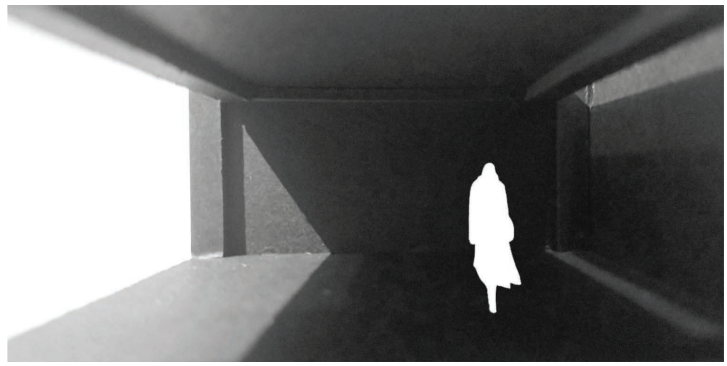


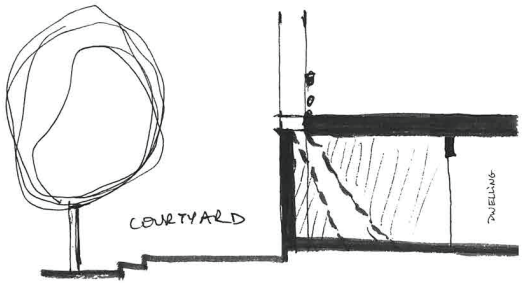
4. Models

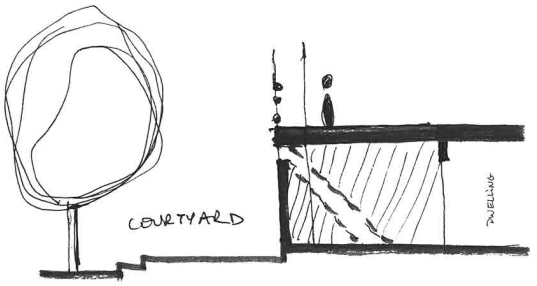
Light studies





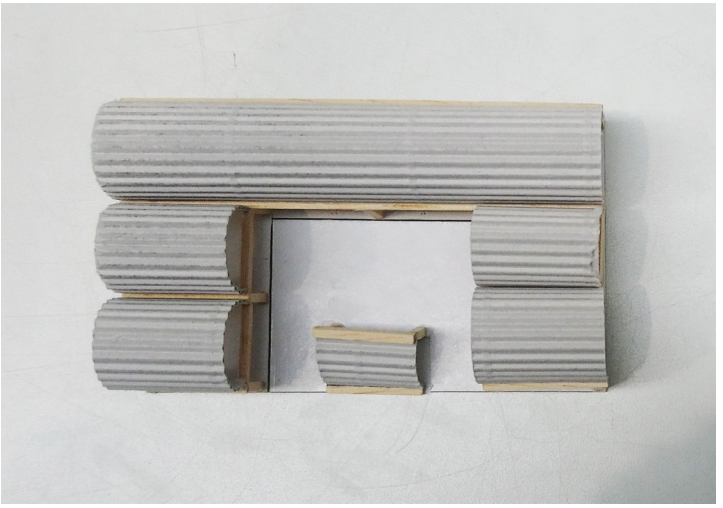


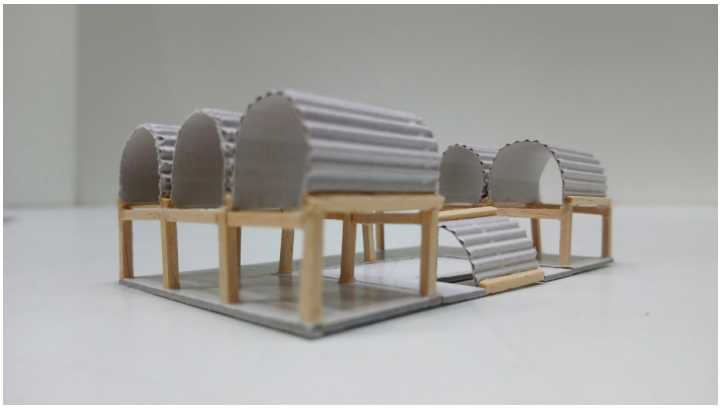

COURTYARD
DWELLING

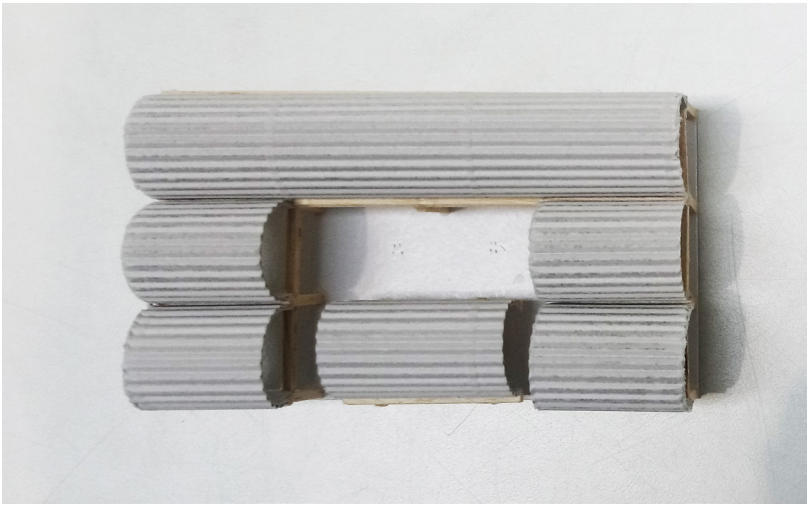

COURTYARD
DWELLING

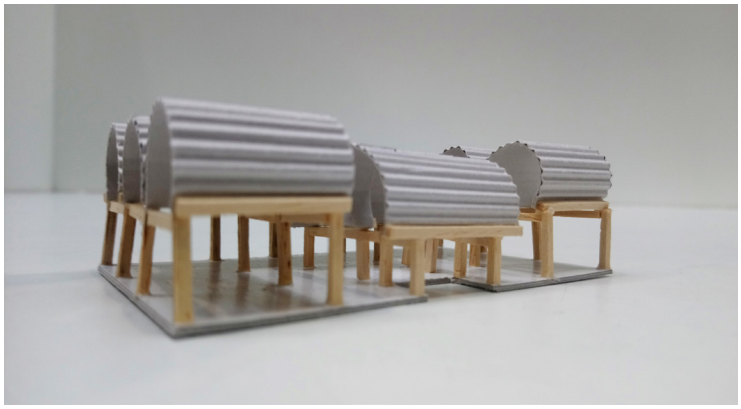
Textures,
Light,
Structure,
Perspectives ,
Thresholds

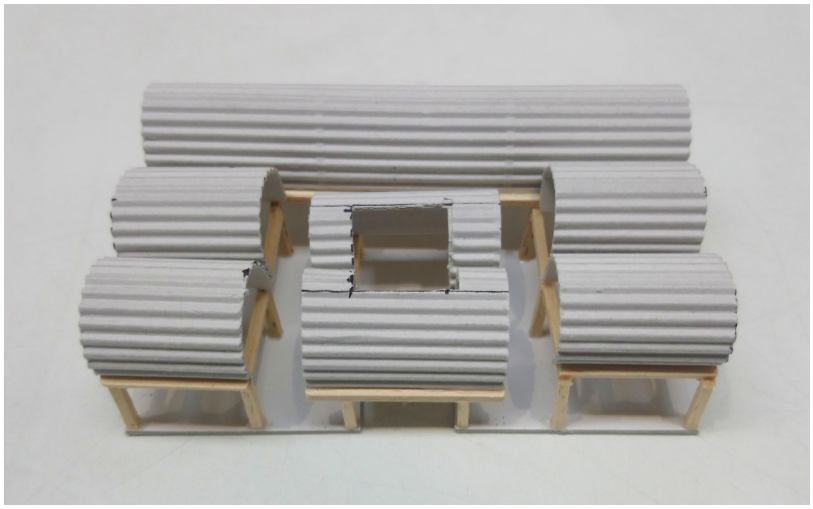
Study o roof variations

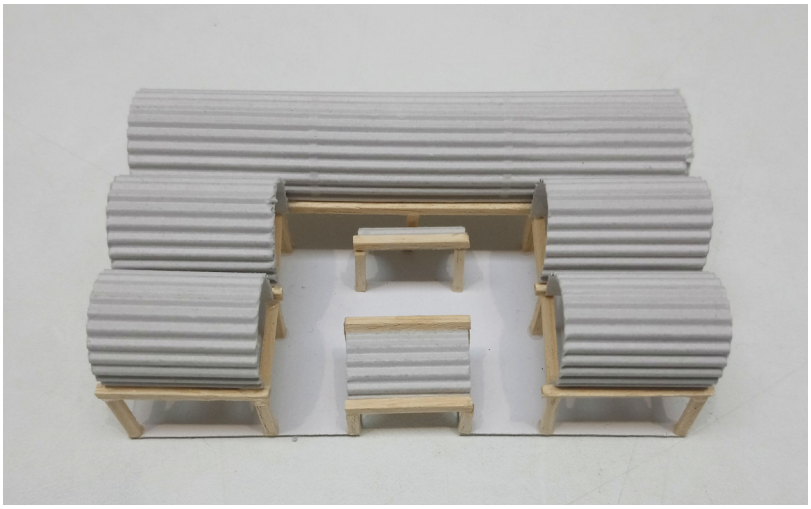


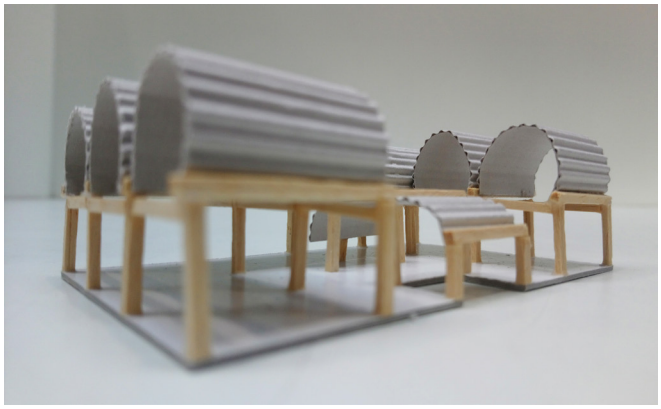




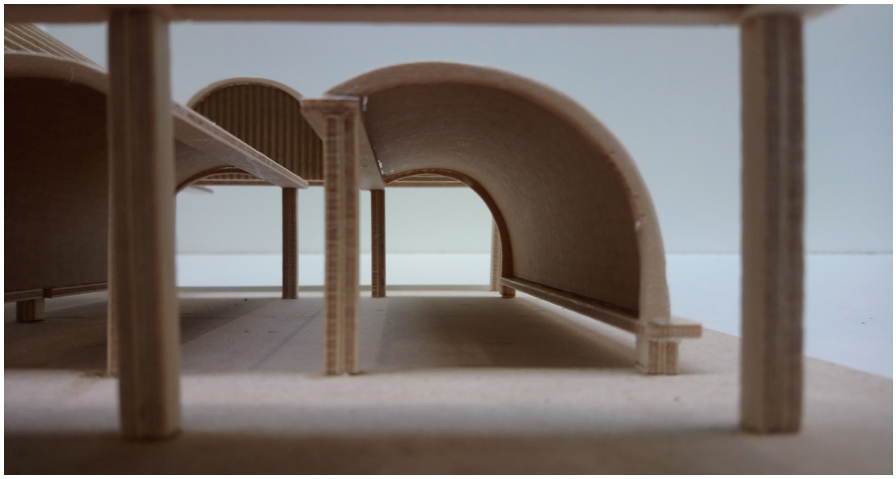




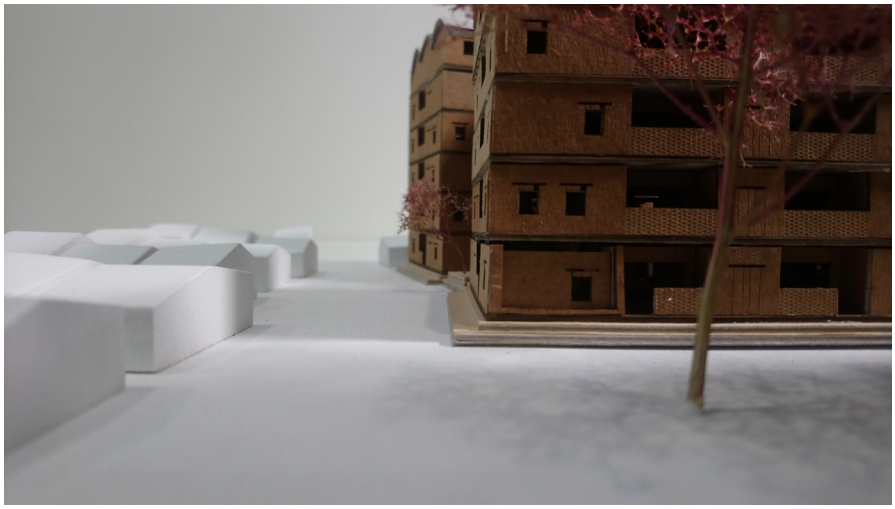


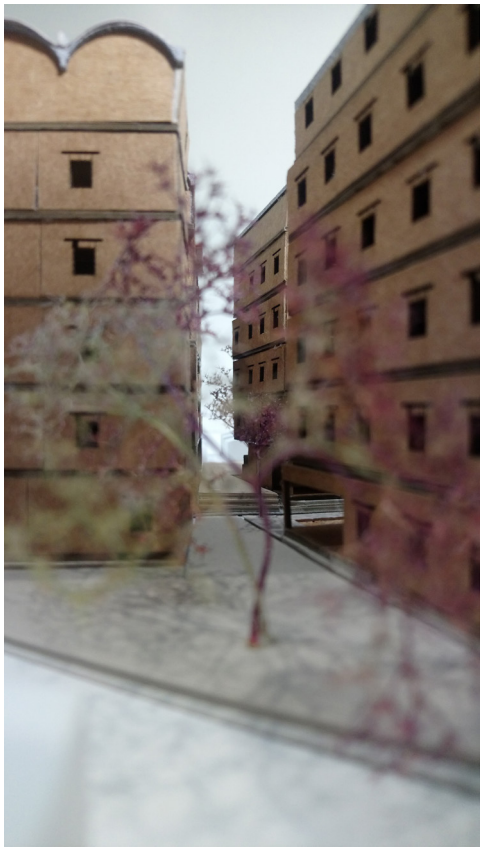


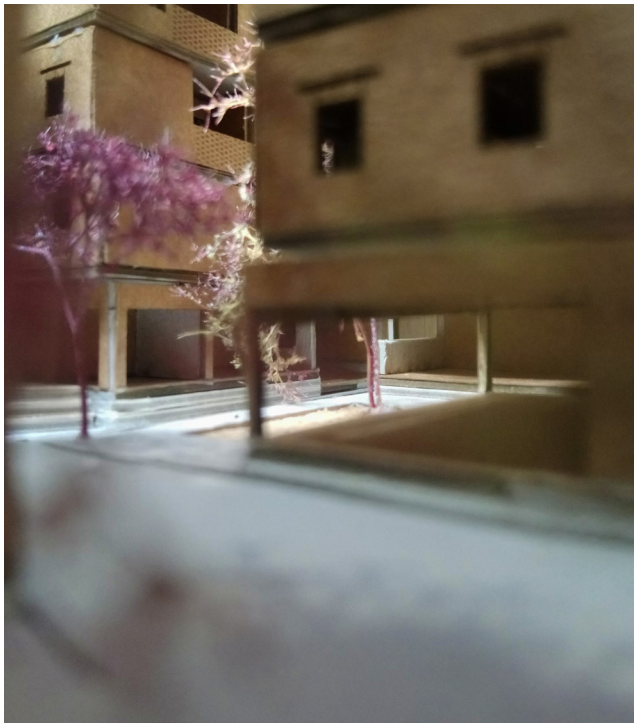
1.50 exploration of a roof option
Vaults
Structure



1.200
Relationships between the buildings, Open spaces, Materiality, Openings, Relationship with the context







1.50
Open spaces,
Materiality,
Light,
Shade,
Human
experience