

XI'AN COURTYARDS CASE - CHINA -

INTENTIONS

Improve the living conditions for the people living there (poor and lower class)

Why are they living there?

The people live there mostly for the cheap rent and the convenience given by the surrounding and the location of the area in the city (near of the city center and shops needed).

But the living conditions are very bad:

- No modern standard (toilets, shower).
- Lot of rotten buildings.
- Very high density.
- People close to each other and living at 3 in 20m² for example: problem of intimacy.

So:

I want to work in a way to keep as much as possible the people living there. This with paying attention on the historical heritage, the values and the qualities of the Timber market street courtyards area.

HERITAGE, VALUES AND QUALITIES

Heritages, values and qualities emphasized for the project:

- shape of courtyards
- Linear and narrow lots of the courtyards
- Low rise of the traditional buildings which give a kind of village feeling and create a good
- relation with the court and outdoor spaces (good lighting, good relation with the sky)
- Social life of the timber market street
- Neighborhood possible in the courts

METHODS

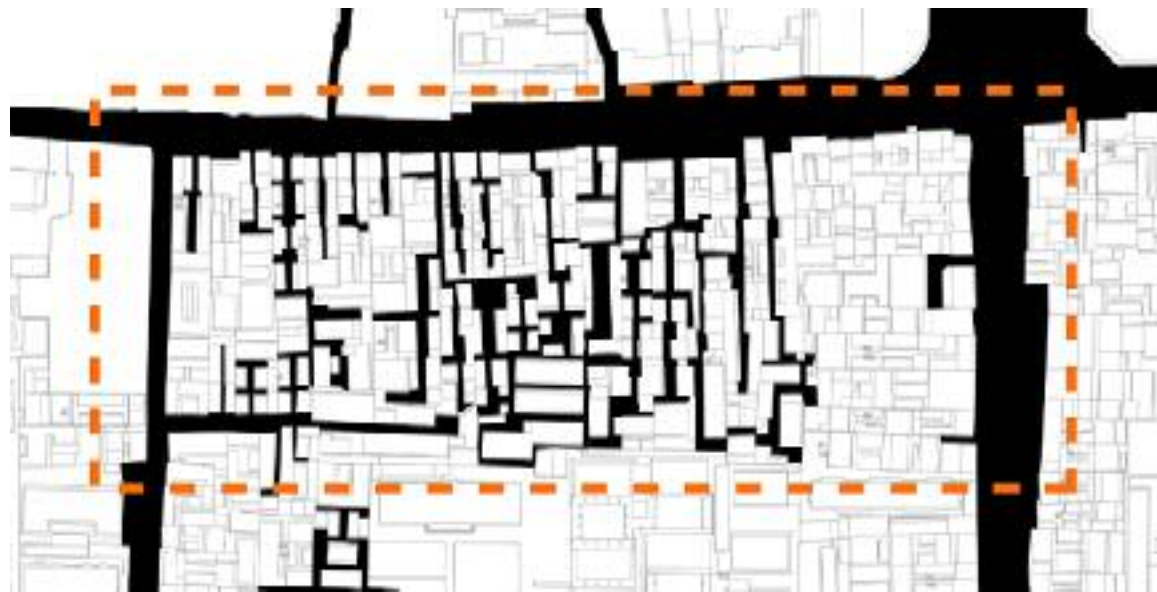
I think for a sustainable intervention and protection of this area we have to work on it in two scales, in an urban scale and dwellings scale.

We have to work on an urba scale to set some rules to keep coherence on the development of this area. And in a second time we have to work the courtyards scale to fit them to an modern standart.

URBAN SCALE

Priniples and urban rules:

- reorganize the passage from the street to the courtyard, from the public to the privat by the creation of an inner lanes and squares network which will give several options in how to go in the area. And especially, it will graduate the passage from the very public to the units of neighboring.
- Keep and recreate, where it is necessary, the shops and restaurants border to
- All the entrances of lane have to be gated by gates buildings (without doors) to mark the changment of space; this to dissuade the strangers and tourist to get in.
- Keep the courtyards entrances on the street but give the possibility to lock them.
- Each squares will support social activities structure.
- No buildings over then 7m height to dont compite with the traditionnal buildings.

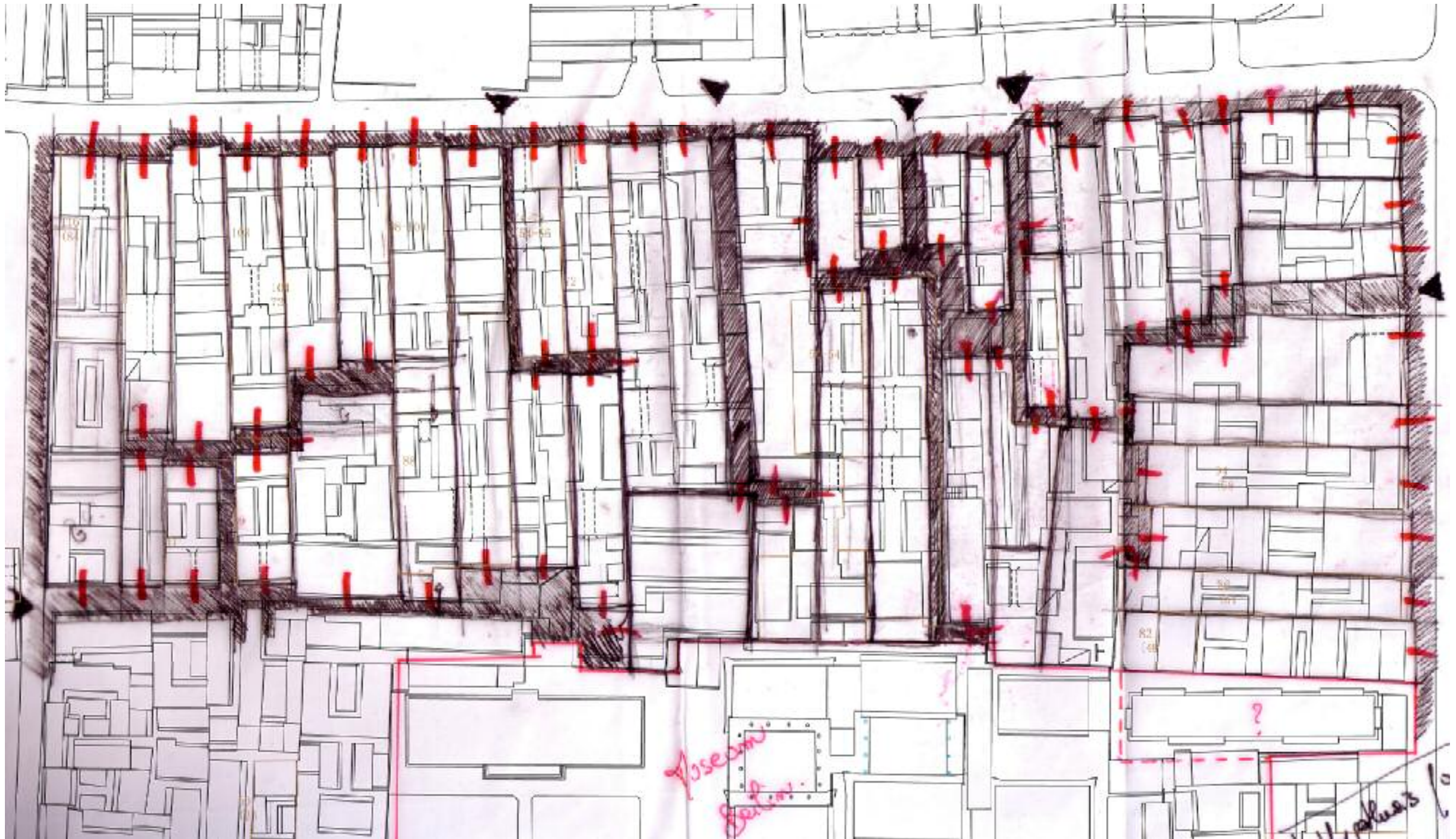


Open space network of the area



Courtyard 108 section

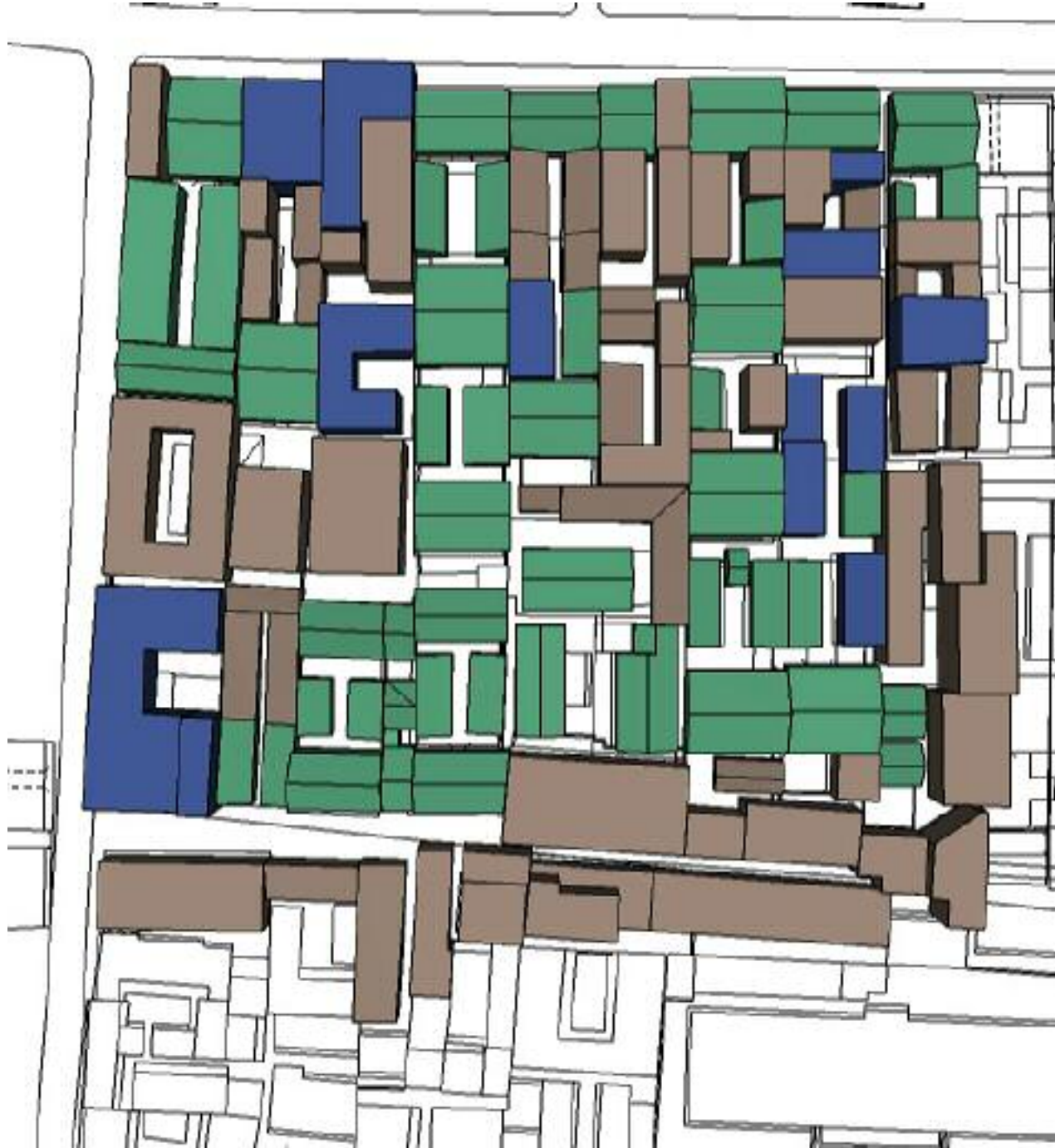
Attempts to find the old structure of courtyards lots.



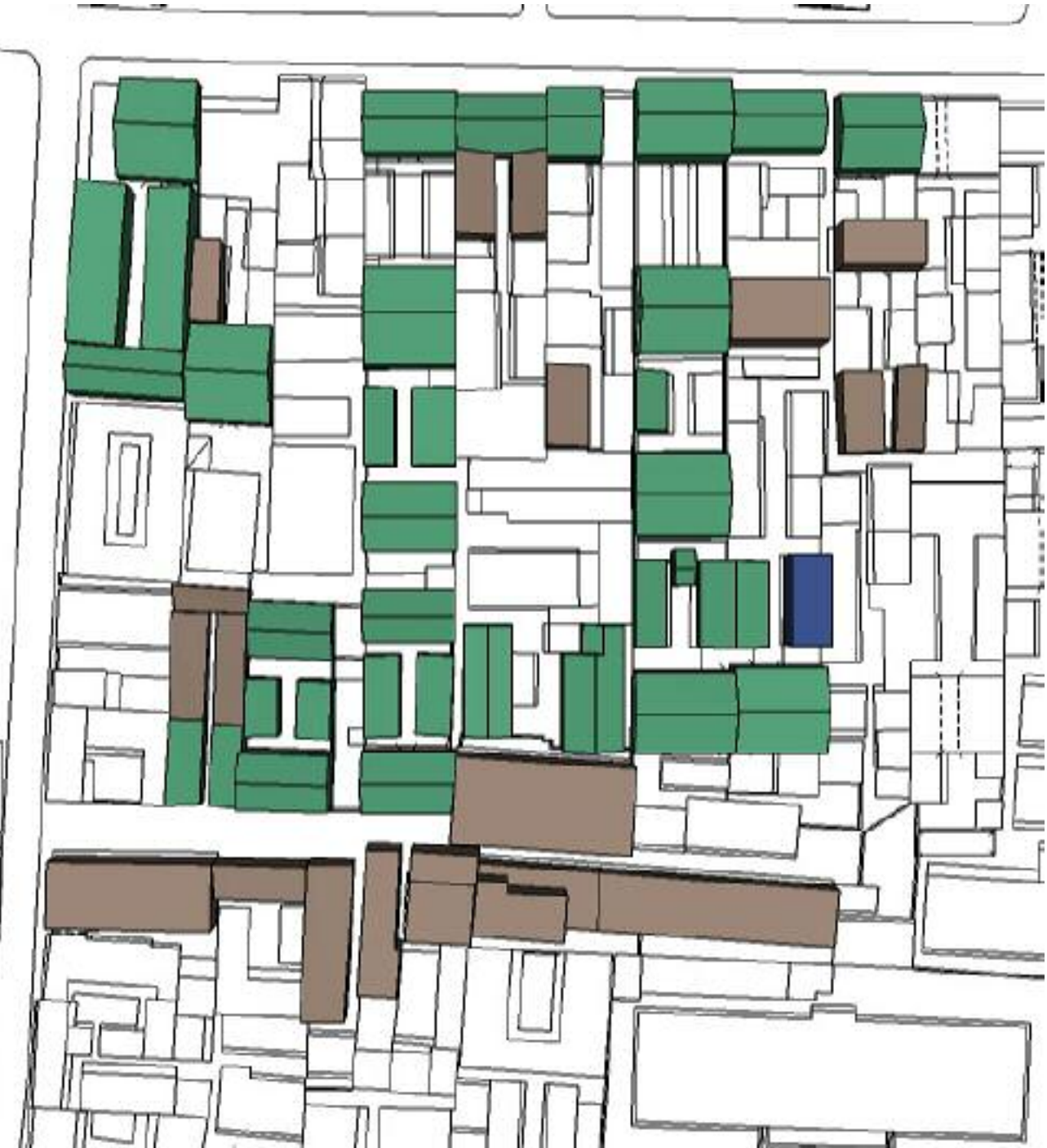


Courtyards Group scale

Selection of buildings:



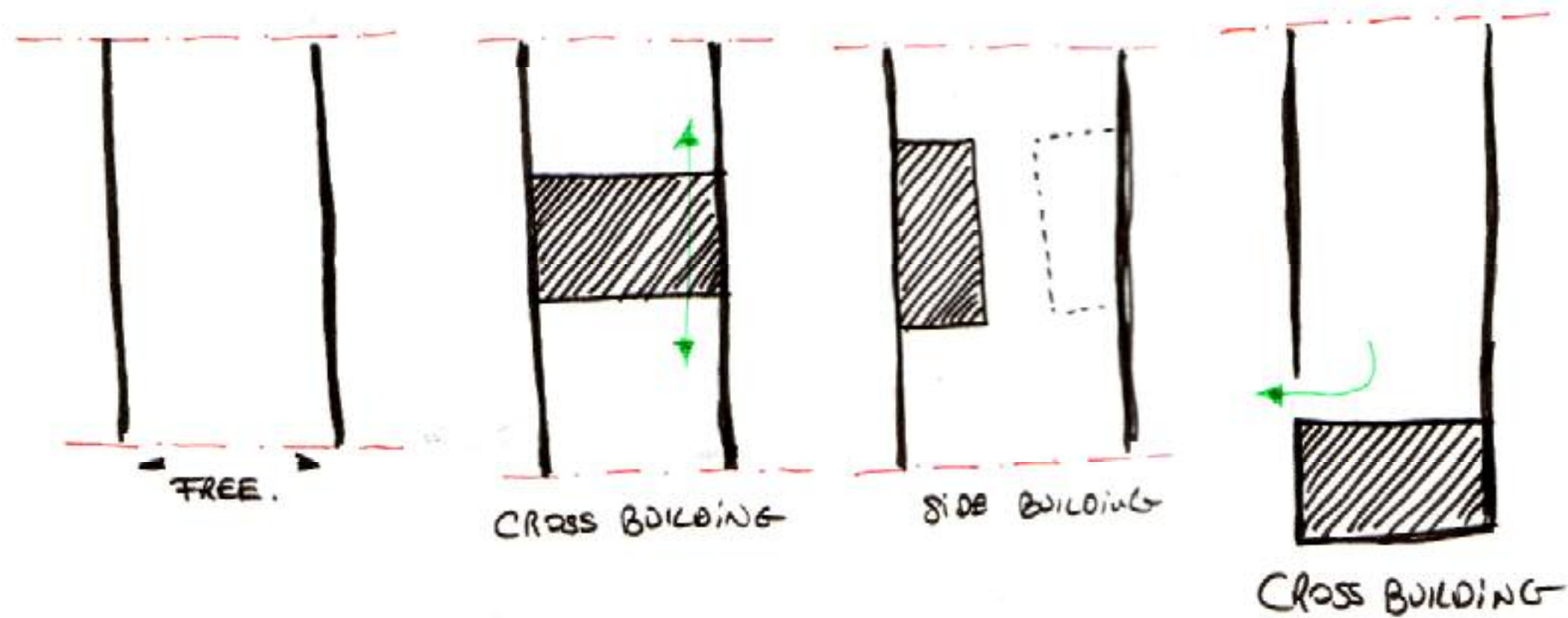
Courtyards Group before selection



Buildings kept

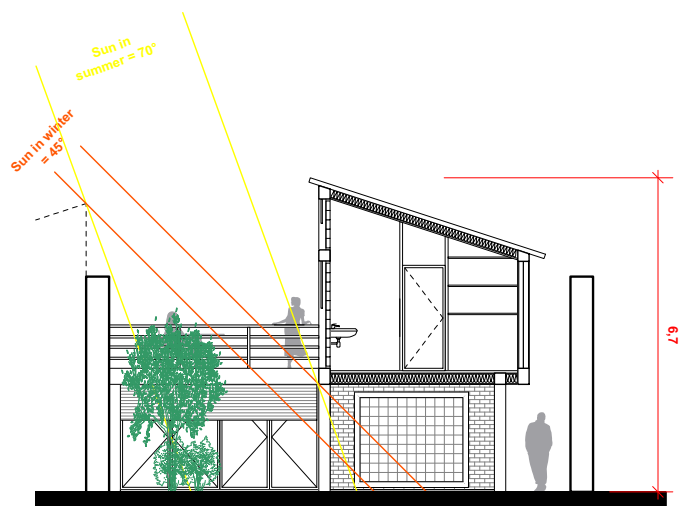
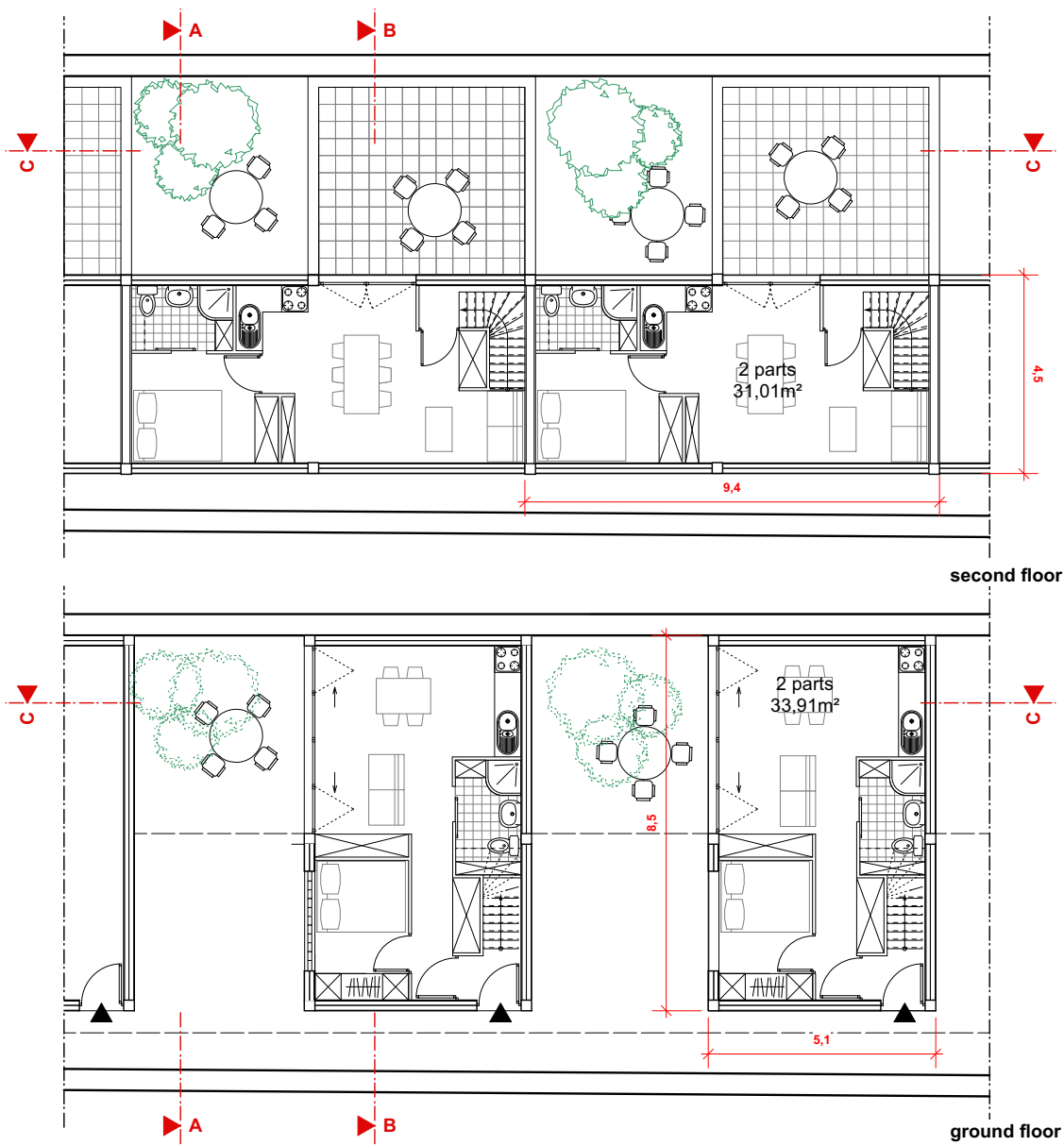
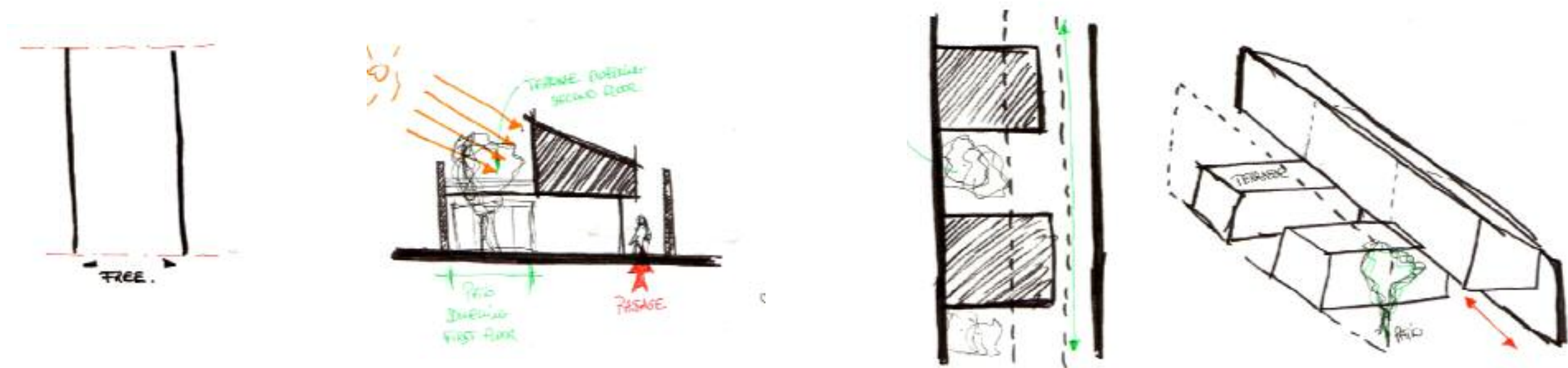
Principles:

After the selection i emphasized 4 typical cases:

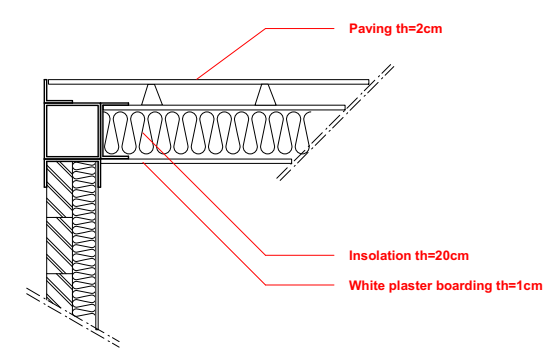


So the idea is to find an architectural answer for all of them and after apply and fit them in the group.

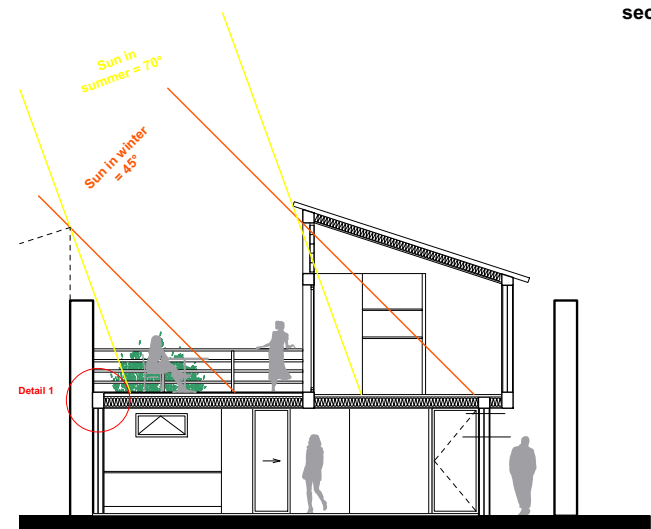
New Buildings Scales: 1/100 & 1/20



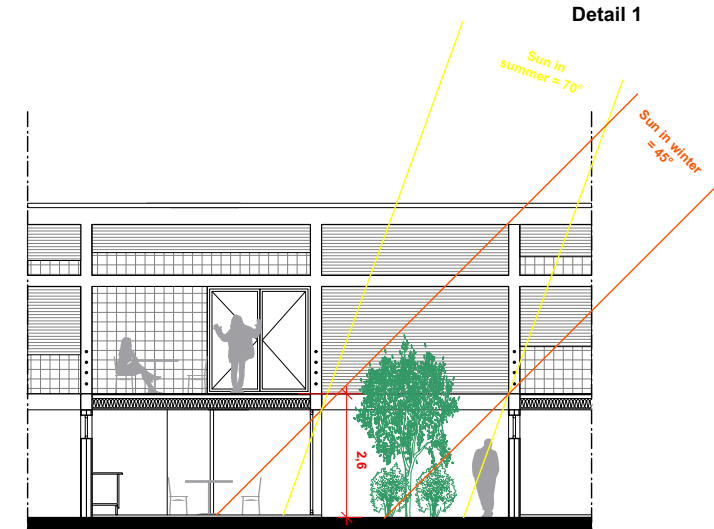
section AA



Detail 1

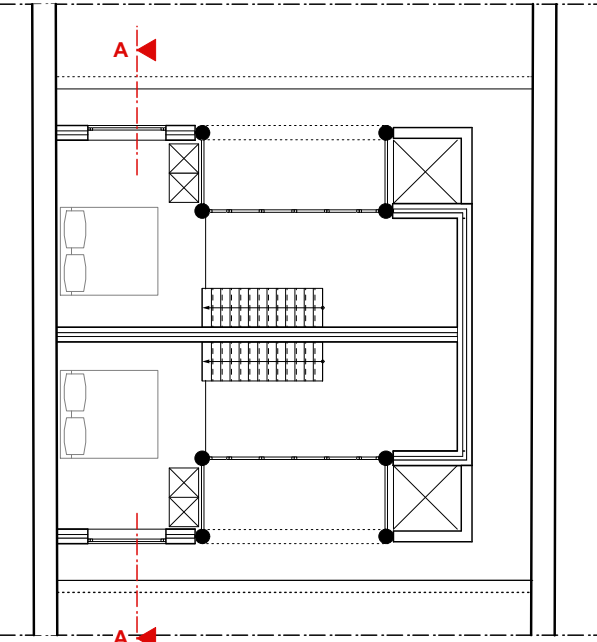


section BB

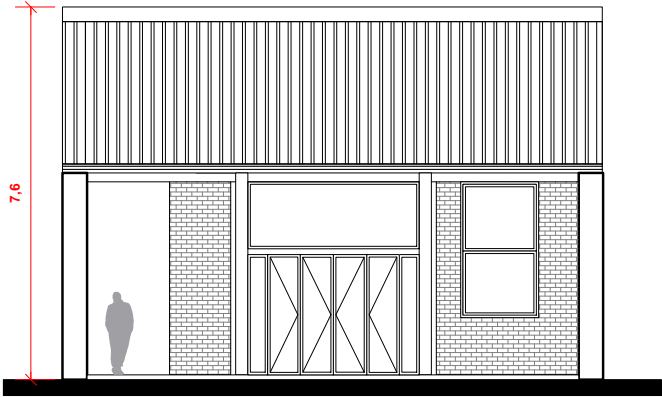


section CC

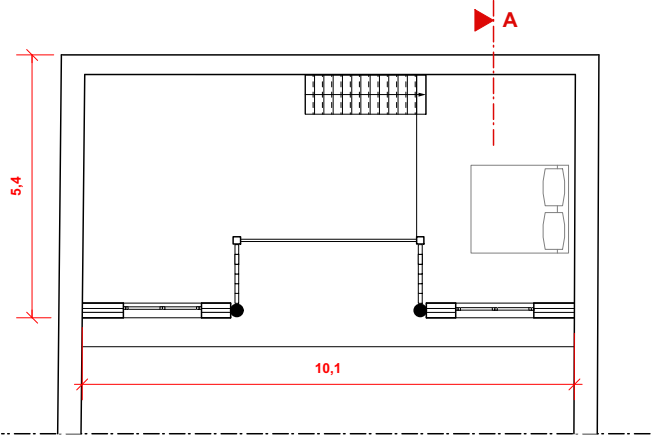
CROSS BUIDLINGS Scales: 1/100 & 1/20



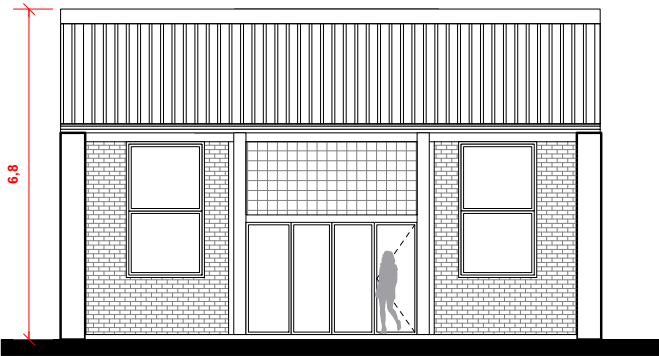
First floor



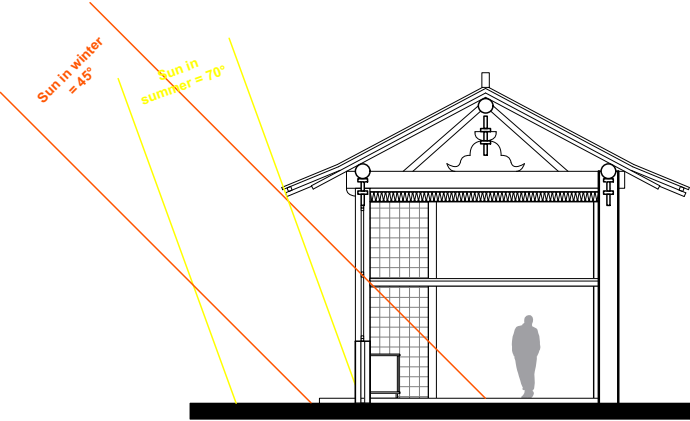
facade



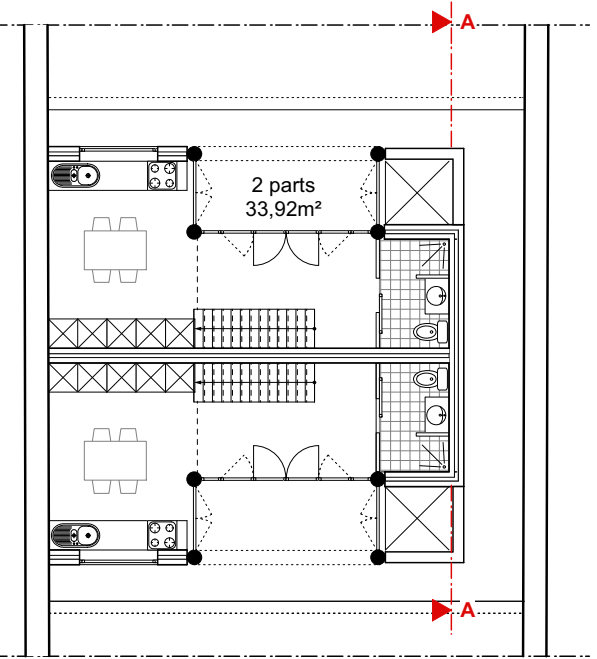
second floor



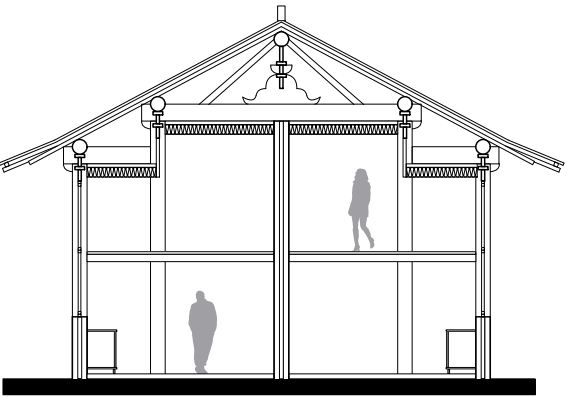
facade



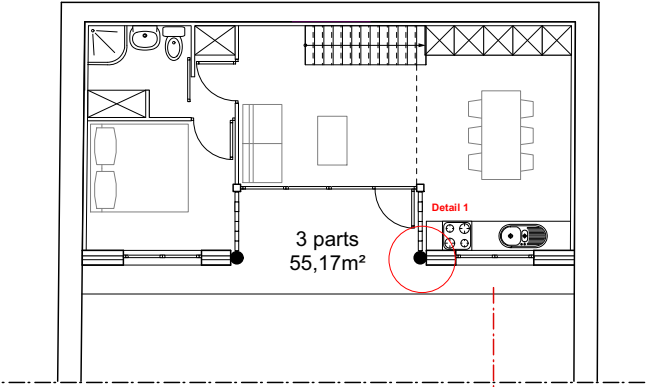
section AA



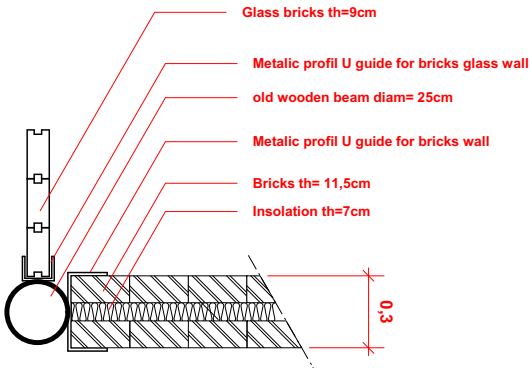
ground floor



Section AA

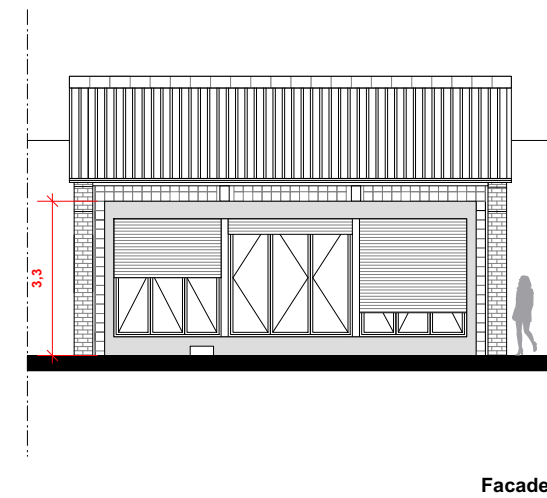
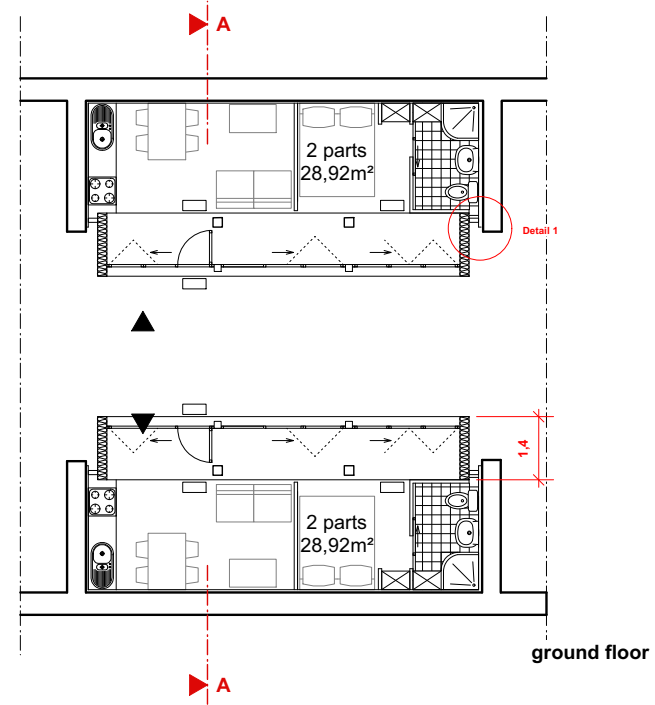
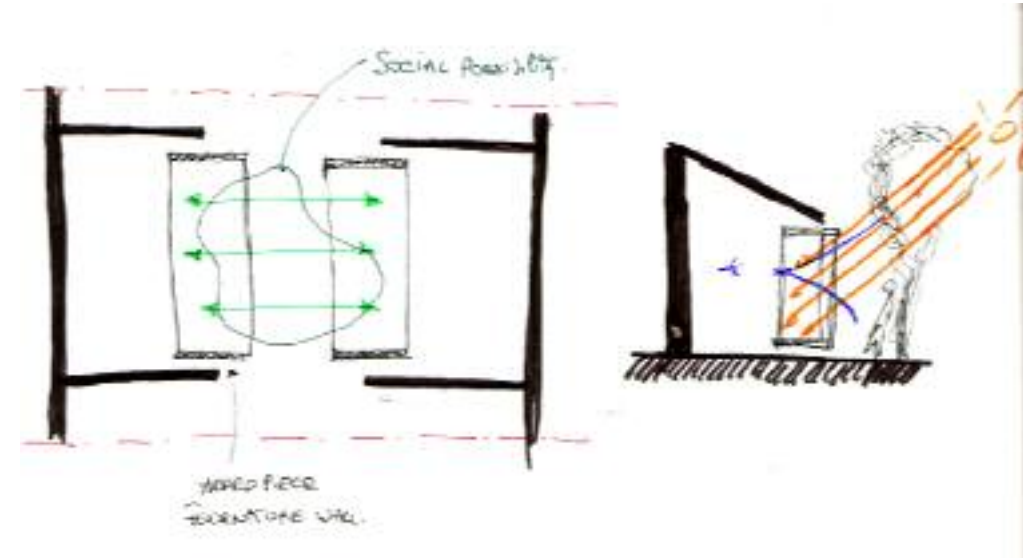


Aground floor

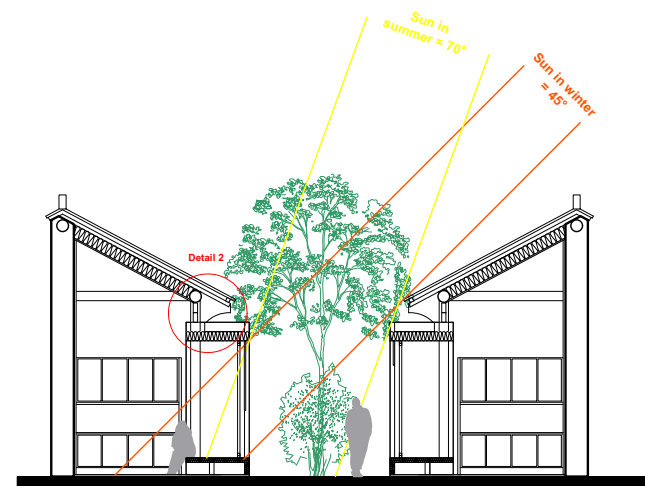


detail 1

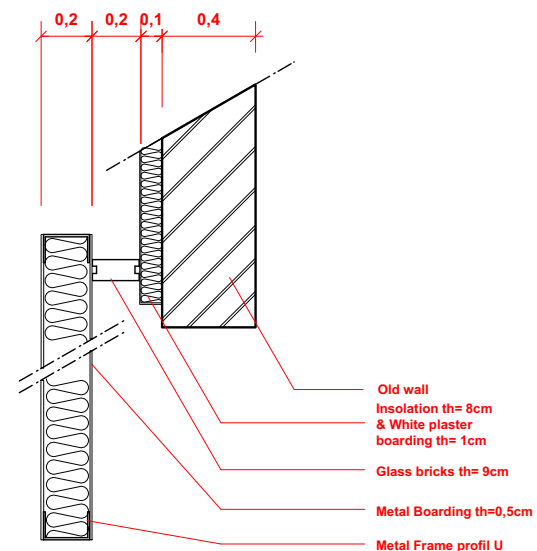
RENEW SIDE BUILDINGS Scales: 1/100 & 1/20



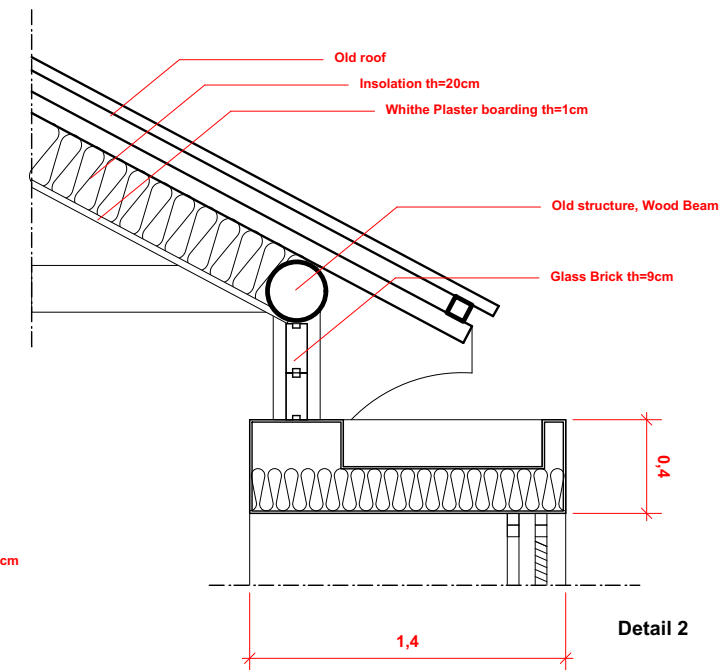
Facade



Section AA

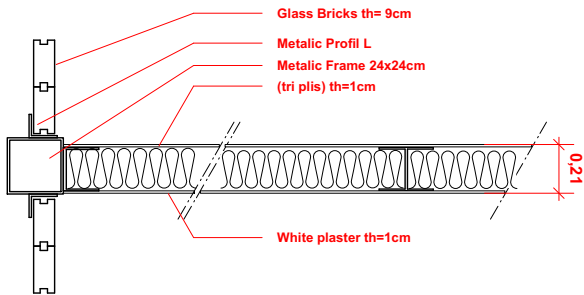
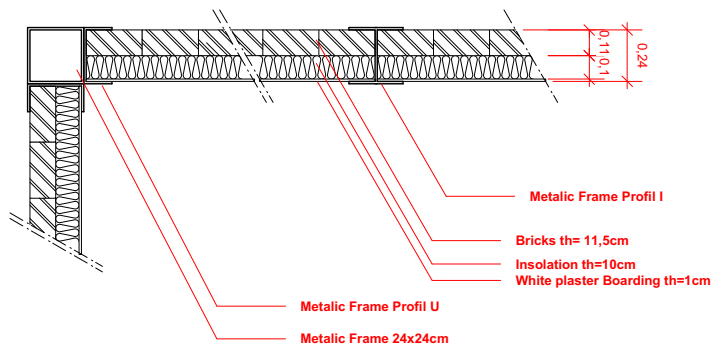
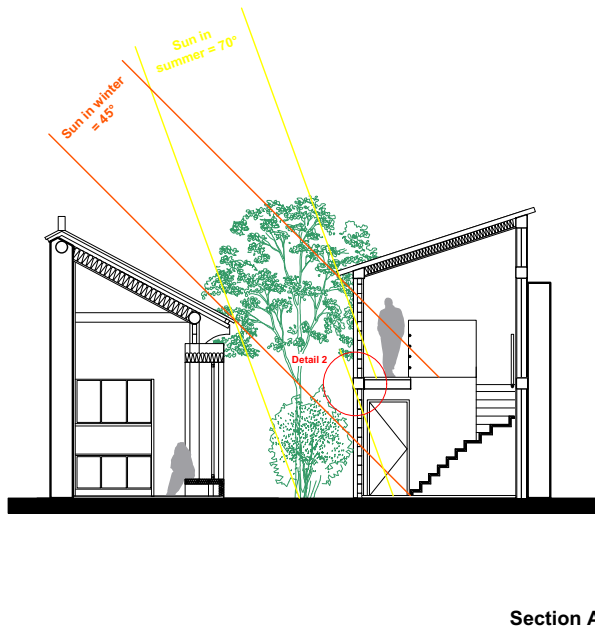
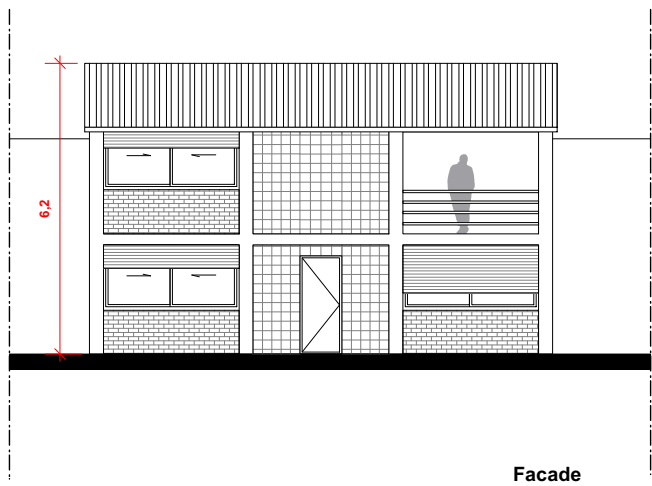
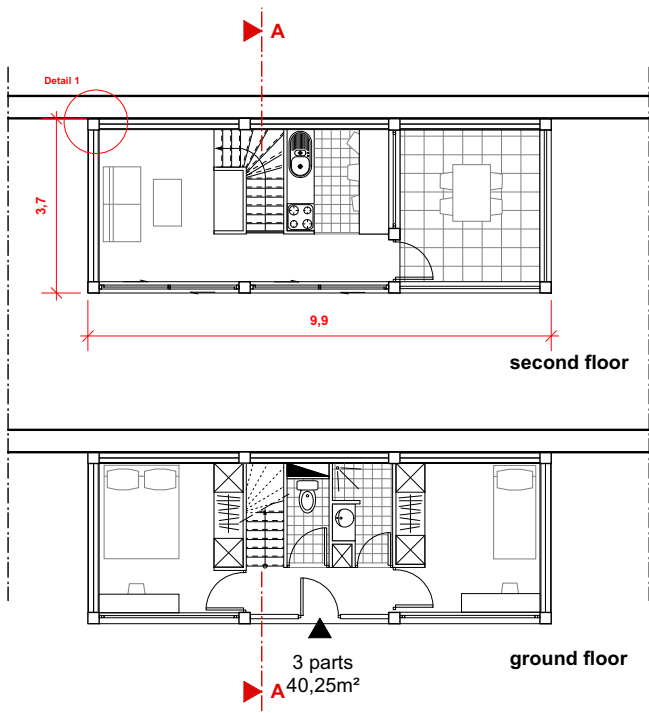
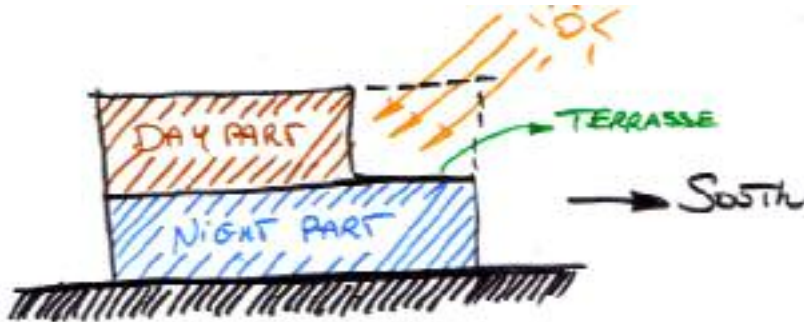


Detail 1



Detail 2

NEW SIDE BUIDLINGS Scales: 1/100 & 1/20



Detail 1

Detail2

APPLYING ON THE COURTYARDS GROUP

