INTEGRATED DESIGN

ALEX SCHLACHTER

ZDENEK HLAVSA

CAMILLA VERLO

SIGNE OLLING

"We set up additional partition walls on our own and rented the newly achieved apartment to a student"

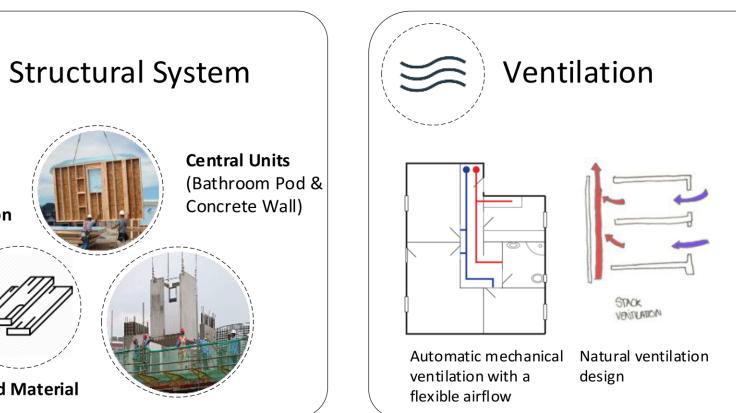
"The supplied air from mechanical ventilation is too dry"

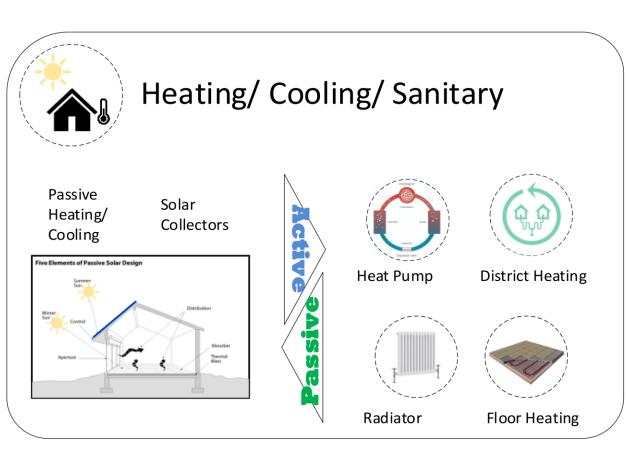
"Building Services are too loud – especially the ventilation system"

Prefabrication

Reused Material

"I prefer to open my windows when it is too hot and get clean and nice air inside"





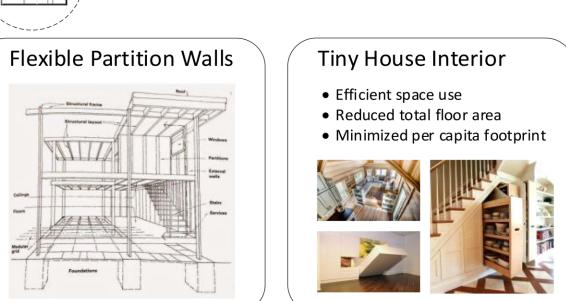
Flexibility (System) 1. Floor + Terrace Balcony Flexible use of the 1. Floor Wood Framework



"We adapt ourselves to the house"

"The house adapts itself to us"

> "The given space Flexibility (Internal) should be allocated and used more



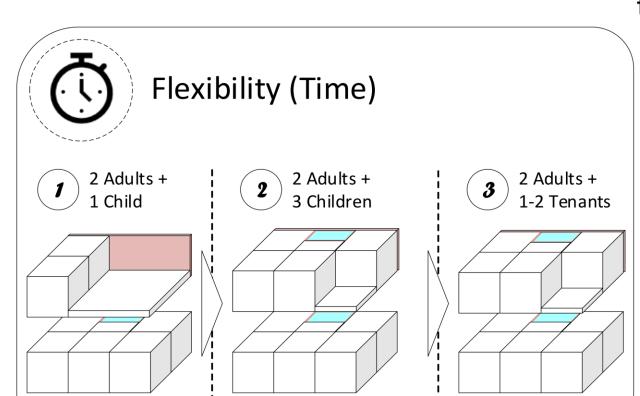
"I like to change the interior of the house to the current family

constellation"

efficiently"

"We need more space

to put our belongings"



PROPOSAL 2

"Everybody can control the heating system on a central control unit – my wife makes it always too hot and even my children can play with the temperature."

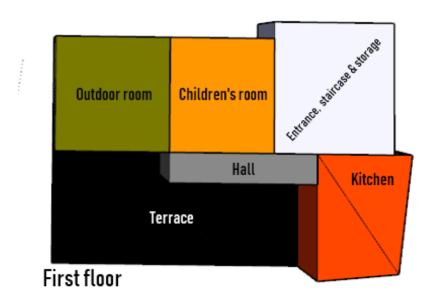


"The heating system is controlled via an app having access control and overview."

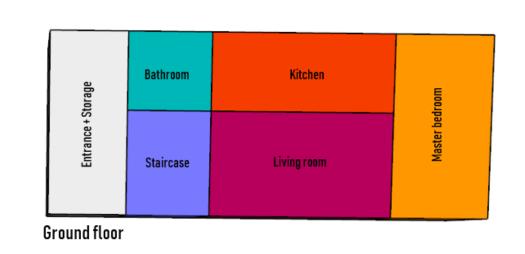
Master bedroom

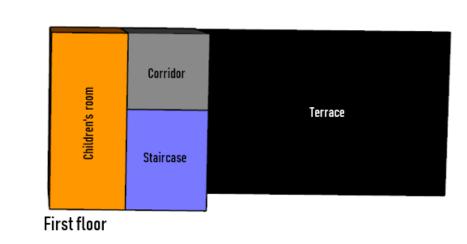
Ground floor

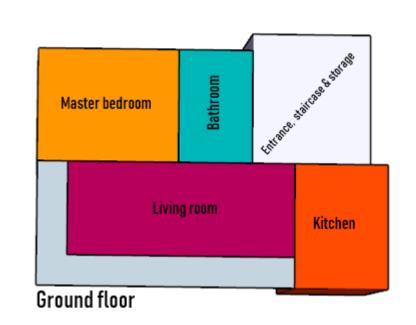
PROPOSAL 1



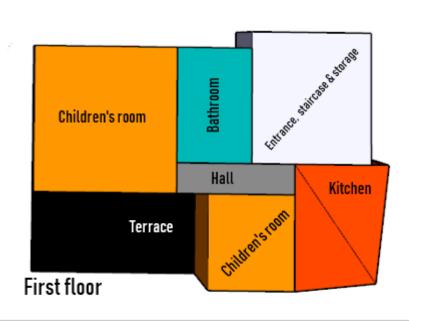
PHASE 1 2 adults (+1 child)



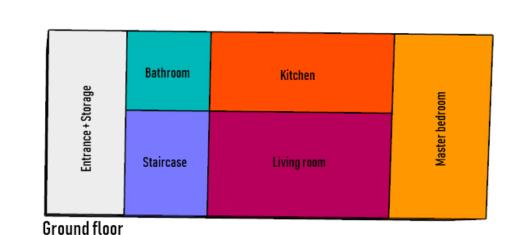


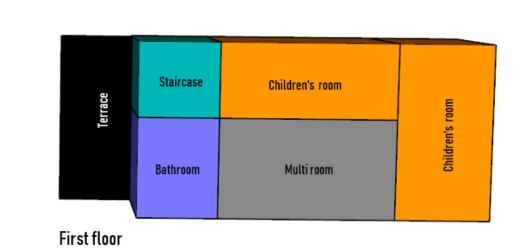


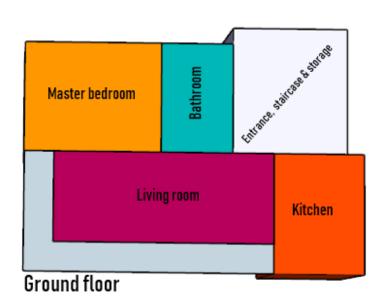
Living room

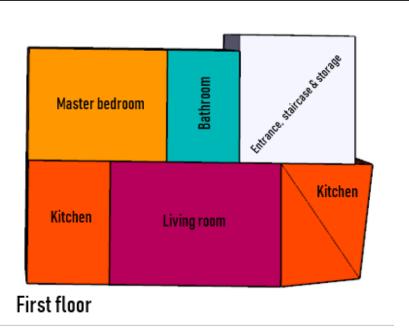


PHASE 2 2 adults + 3 children

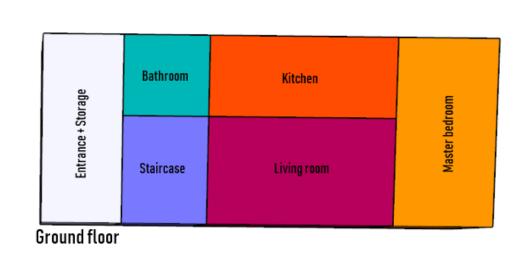




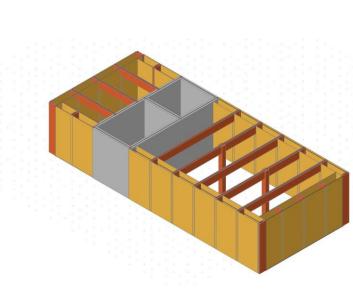


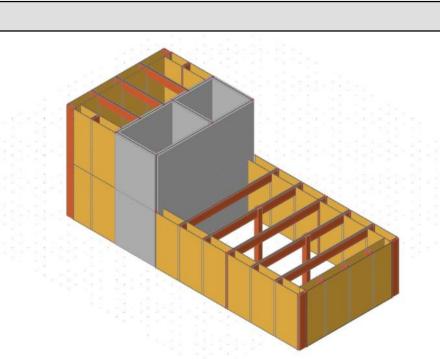


PHASE 3 2 adults + 1 or 2 tenants

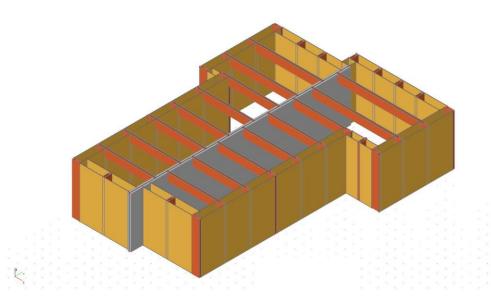


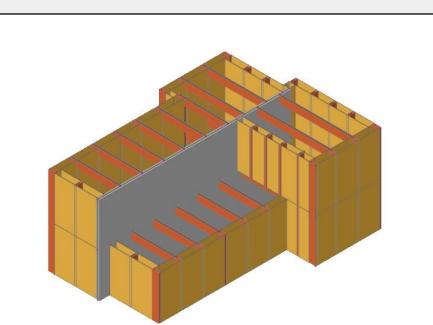


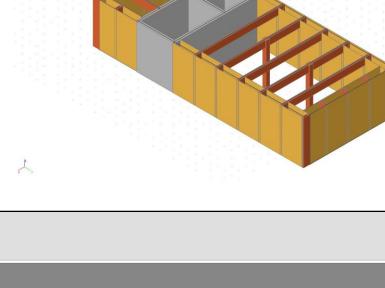




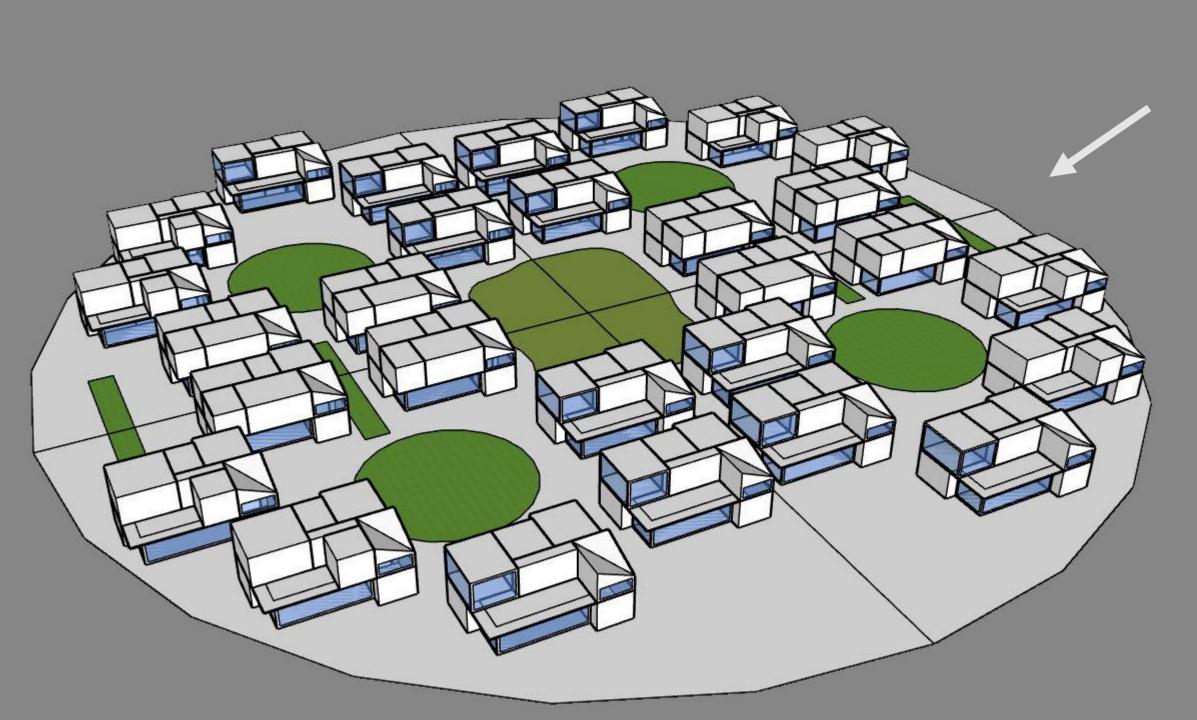
STRUCTURAL CONCEPTS







URBAN DESIGN



Using the three dwelling concepts a set of four quarters/neighbourhoods have been created with implemented green areas. The four smaller green areas create a natural common ground for each of the quarters, and a bigger green space allocated in the intersection between the quarters will work as a meeting point for the quarters.

The outdoor spaces surrounding the dwelling can be divided based on a private, semi-private and public designation. This will allow different demands to occur and by dividing levels of desired privacy (both for the front-yard and the front-yard), each client and family can choose a combination of different options to meet their desire.

