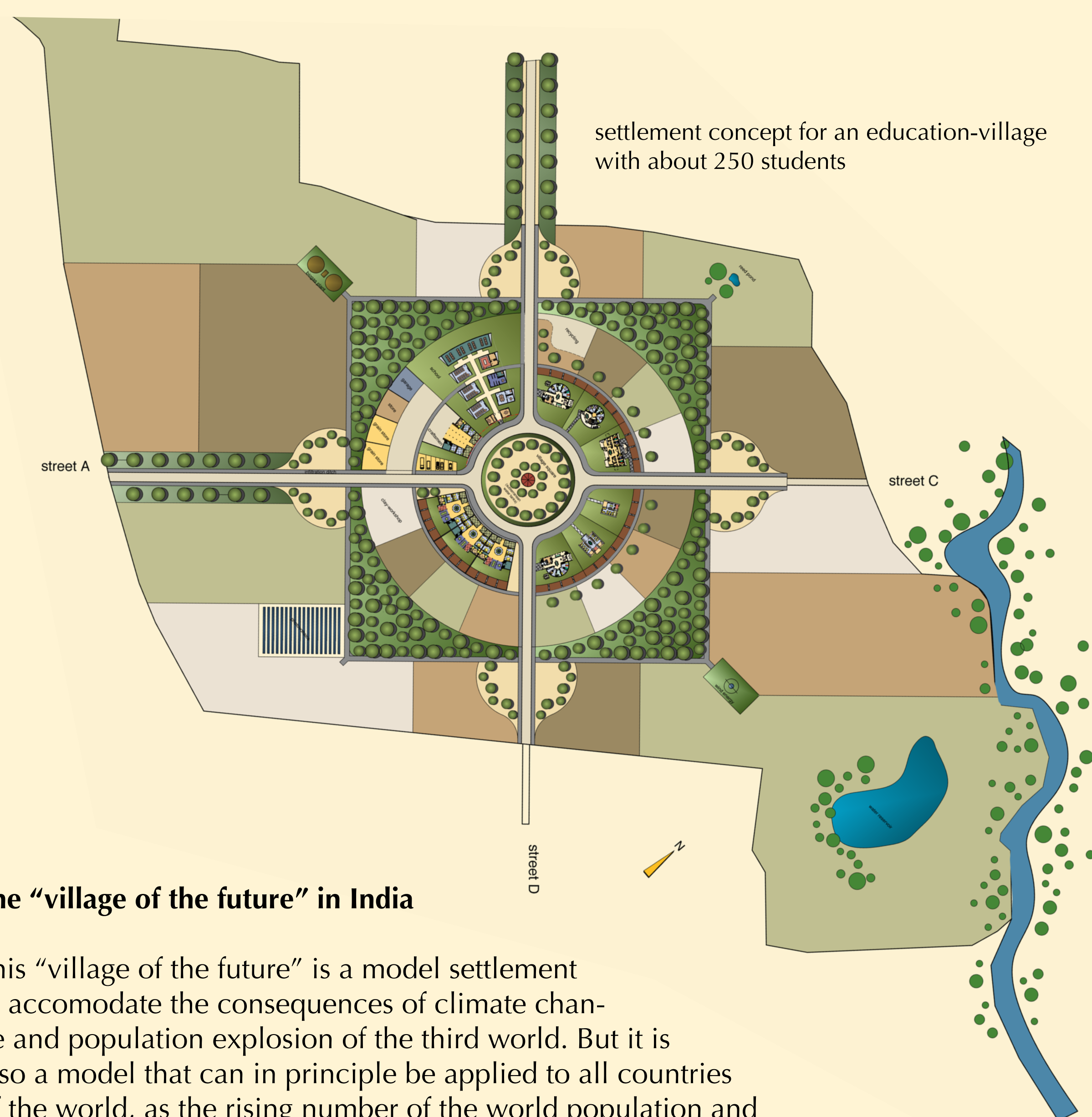


VILLAGE OF THE FUTURE IN INDIA



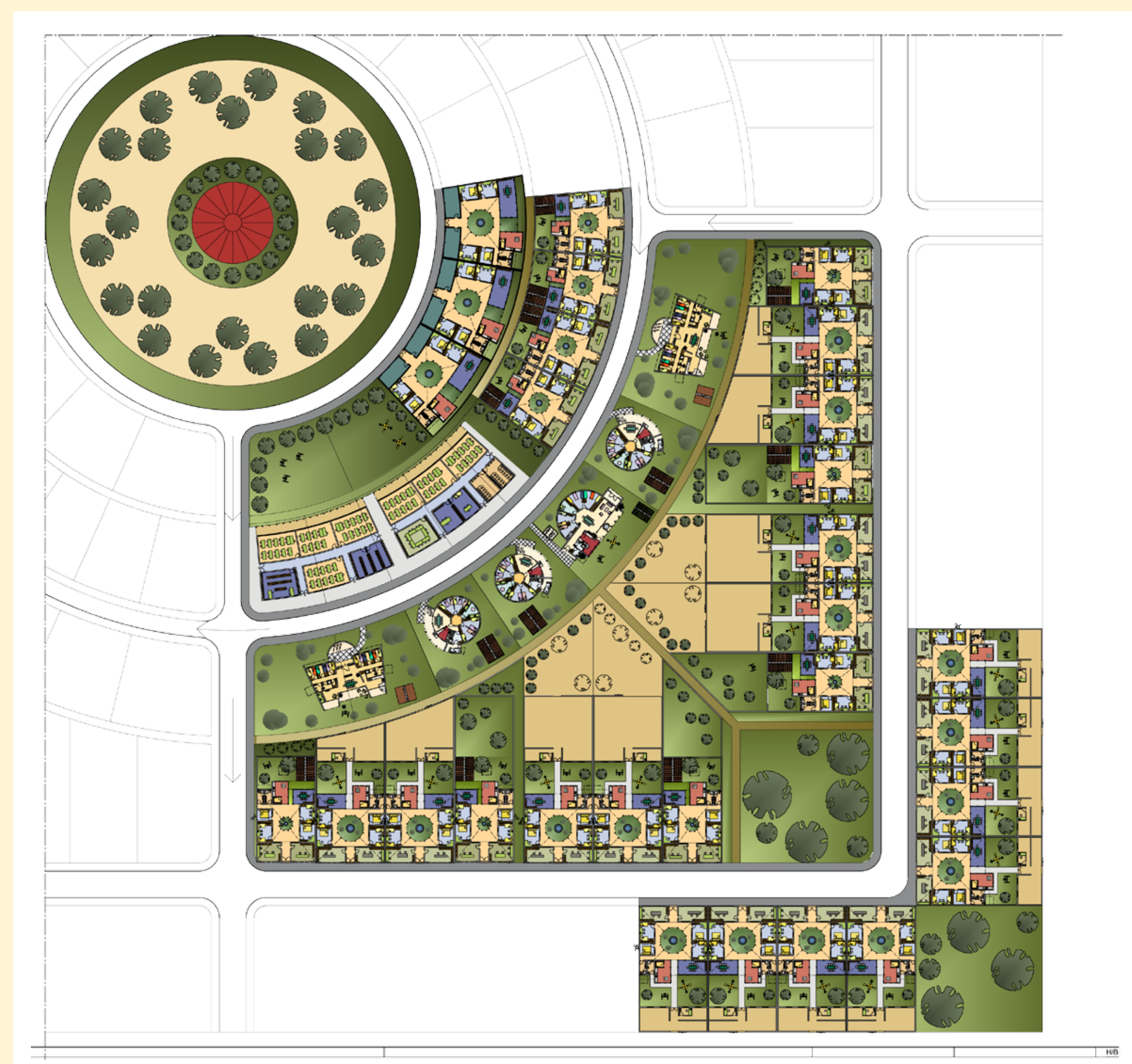
The "village of the future" in India

This "village of the future" is a model settlement to accommodate the consequences of climate change and population explosion of the third world. But it is also a model that can in principle be applied to all countries of the world, as the rising number of the world population and the climate change are global factors which in the end influence the future of the entire human race.

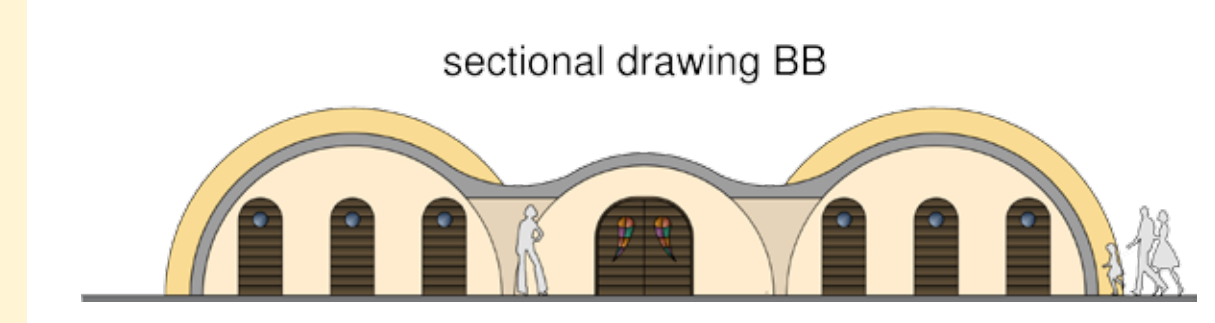
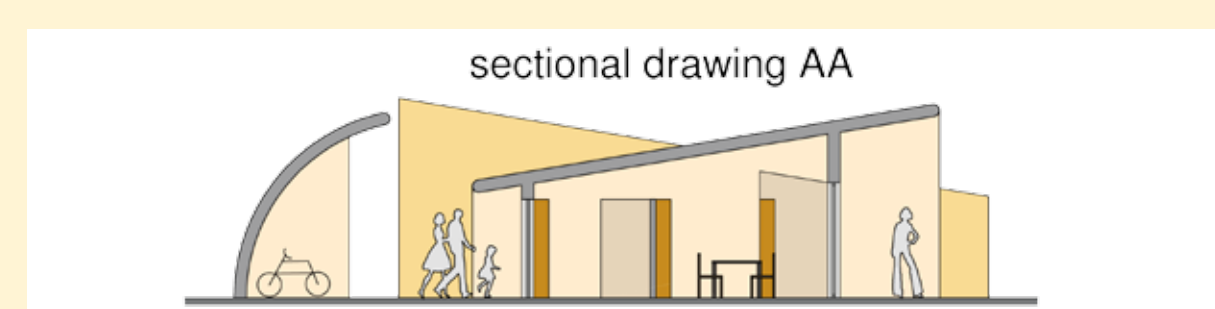
The first settlement as a pilot project will be built in India as there will join various determining factors: a huge growth of population, problems in food supply, a lack of education, distinct rural exodus. Huge slums with degrading conditions and disastrous hygienic situations.

Food supply today is already alarming. For the future it is to be assumed that there will be chaotic conditions in the battle for food. This struggle for surviving is the result of food shortage by corruption, mismanagement, climate change and the steep rise of population.

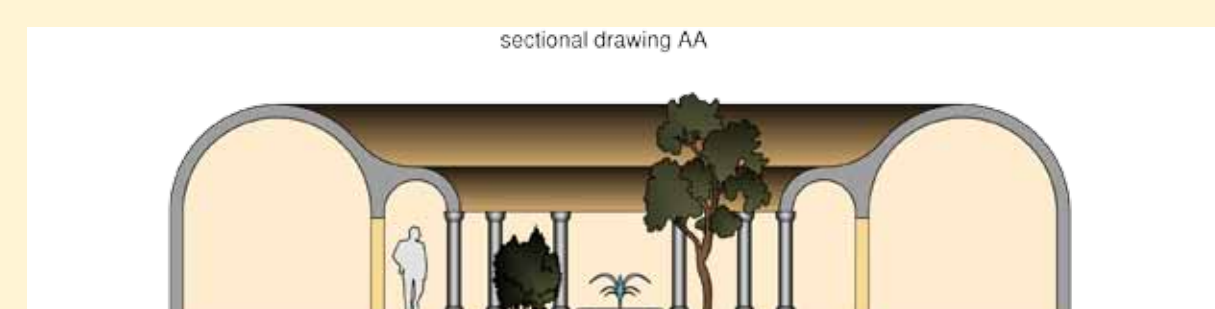
There is a need for quick responsible behaviour/actions to attain a friendly social system which is worth living for all people. This project wants to contribute to this aim, because in the long run only a secure supply, improvement of living conditions and education will lead to a decreasing growth of population.



part of an excerpt of a settlement concept for 1500 residents



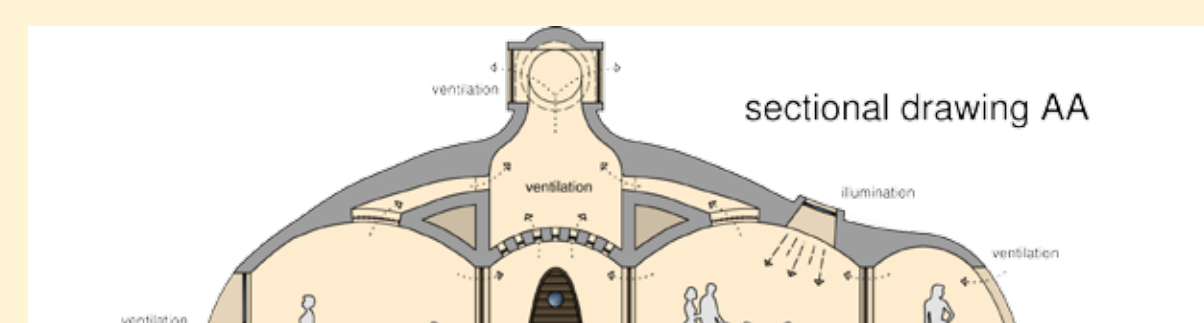
elevation
single family home,
extended family with 14 persons



section and elevation
farmhouse with 2 small shops
(for direct marketing)

What is trained and instructed:

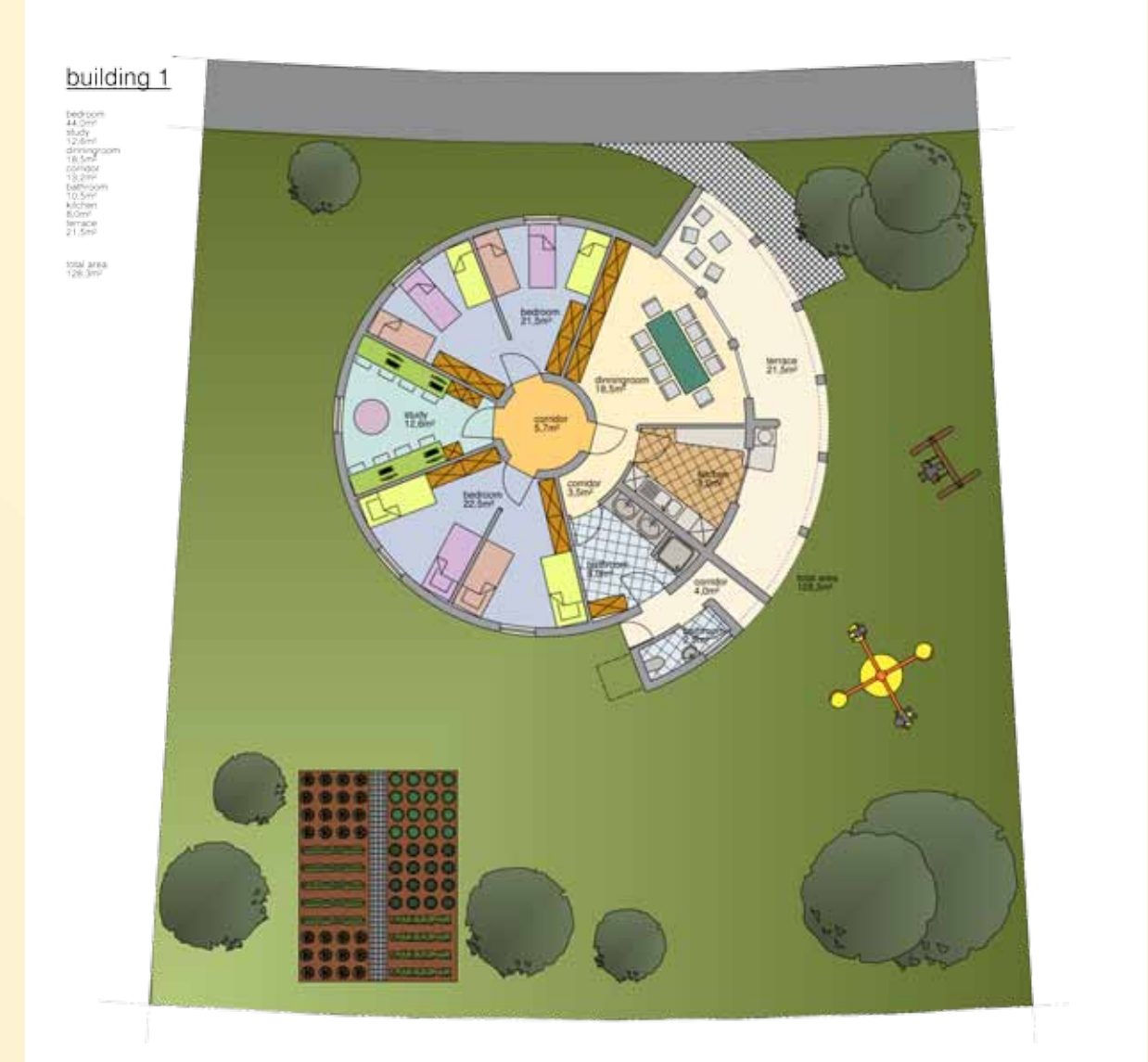
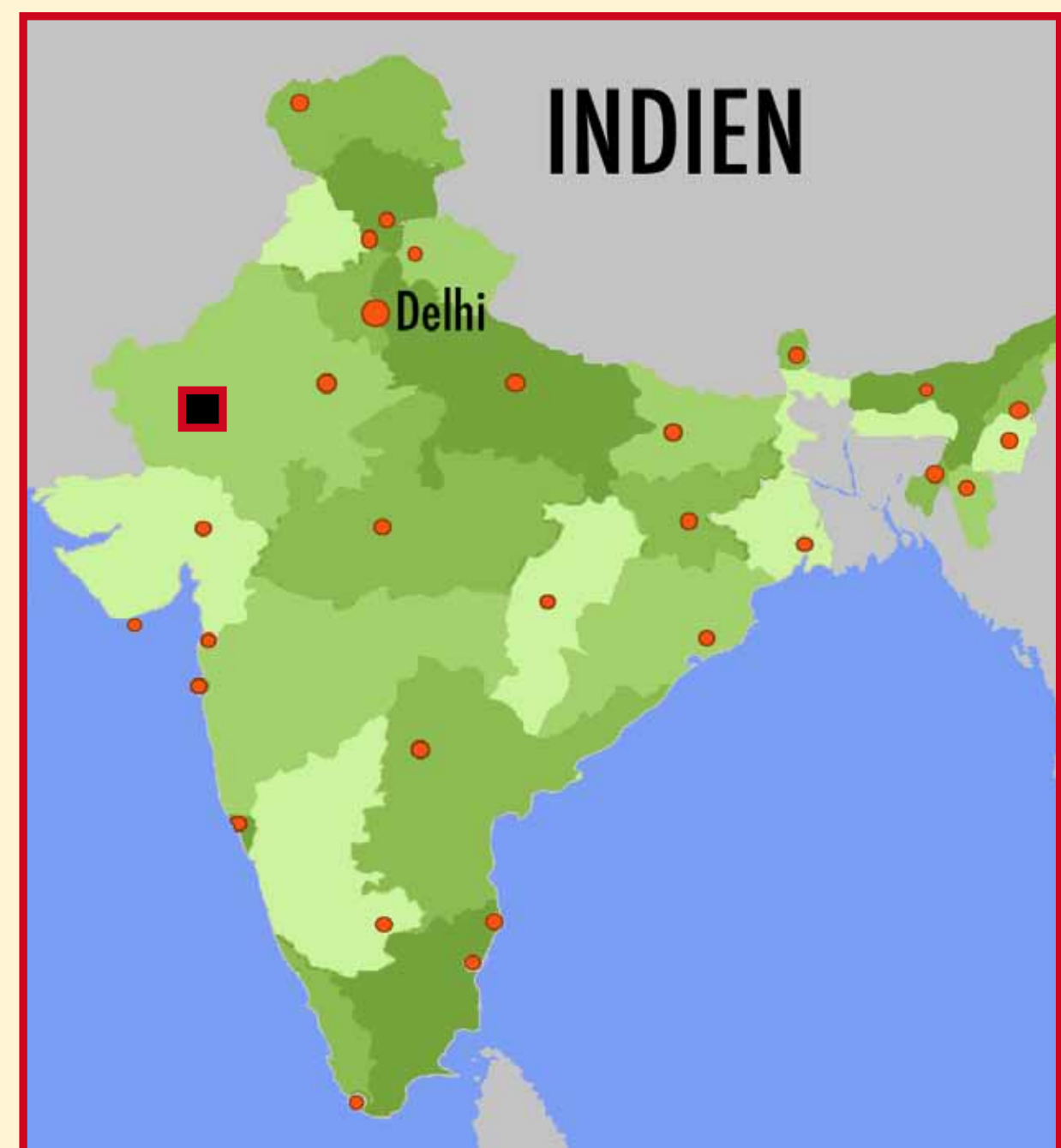
- job training as a clay/adobe builder for self-supporting clay-building constructions
- clay processing due to the latest scientific findings
- construction of dry-toilets inside and outside of the houses
- watershed in the area of the houses up to 12 cubic metres
- watershed outside of the houses above and below ground up to 250 cubic metres
- air cooling and room-air warming by earth collectors by means of gravity
- cooking by biogas, natural oils and fast-growing grasses/plants
- cultivation of oil-bearing plants for the drive of electricity-generating machines
- cultivation of medical plants and its sale
- ecological agriculture
- reforestation with local trees
- construction of granary for various kinds of crop and vegetables
- construction of wetlands and reed beds
- construction of photovoltaic installations
- construction of domestic wind turbines
- training the use of electric and biogas vehicles
- first-aid course
- child care and elderly care training
- hygiene training



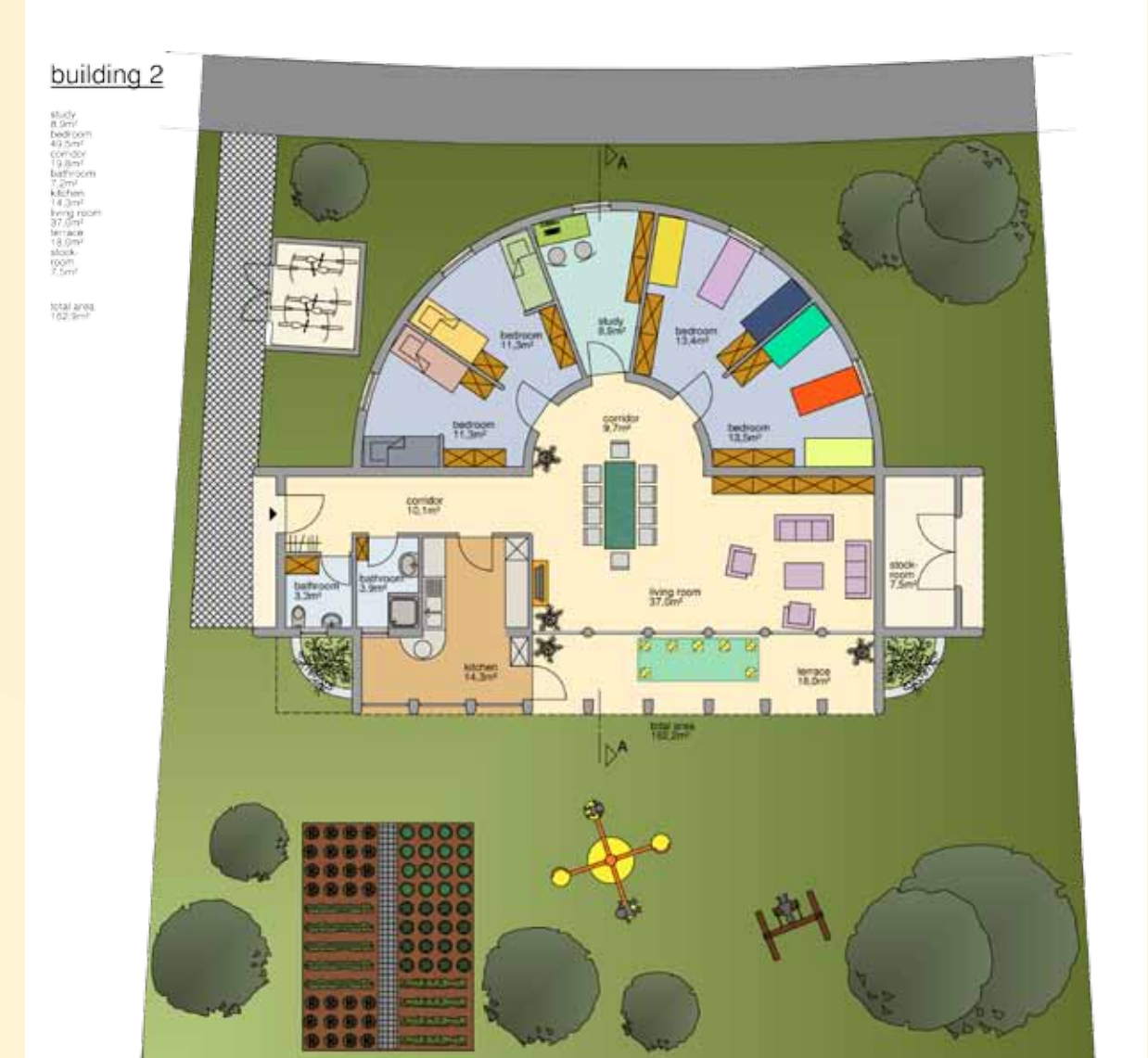
elevation
single family home, nuclear family with 8 persons
sectional drawing (excerpt)



introduction of the village of the future in Abu Road at the Trauma-Centre with doctors, local politicians and the architect



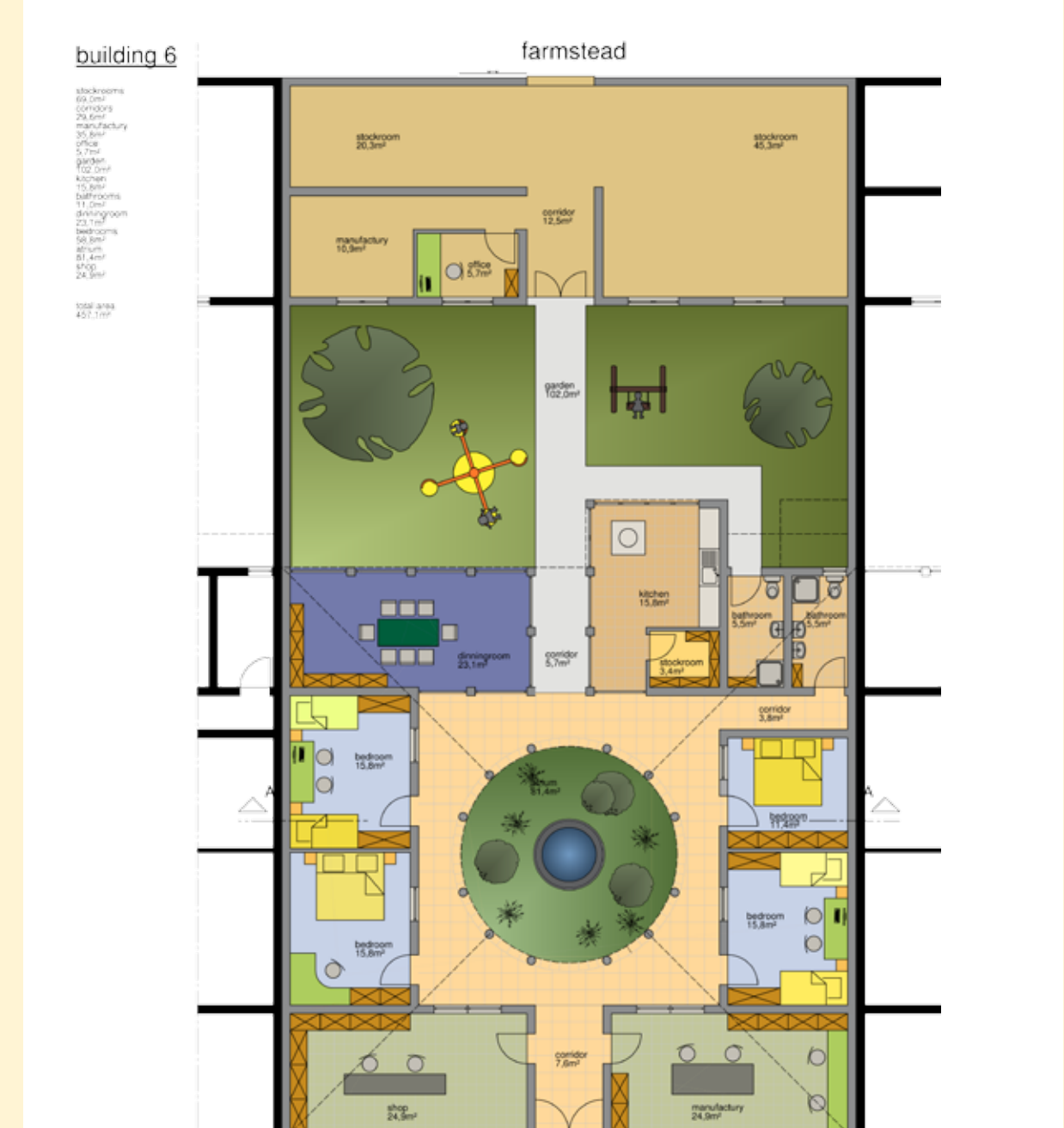
building 1: floor plan
single family home, nuclear family with 8 persons



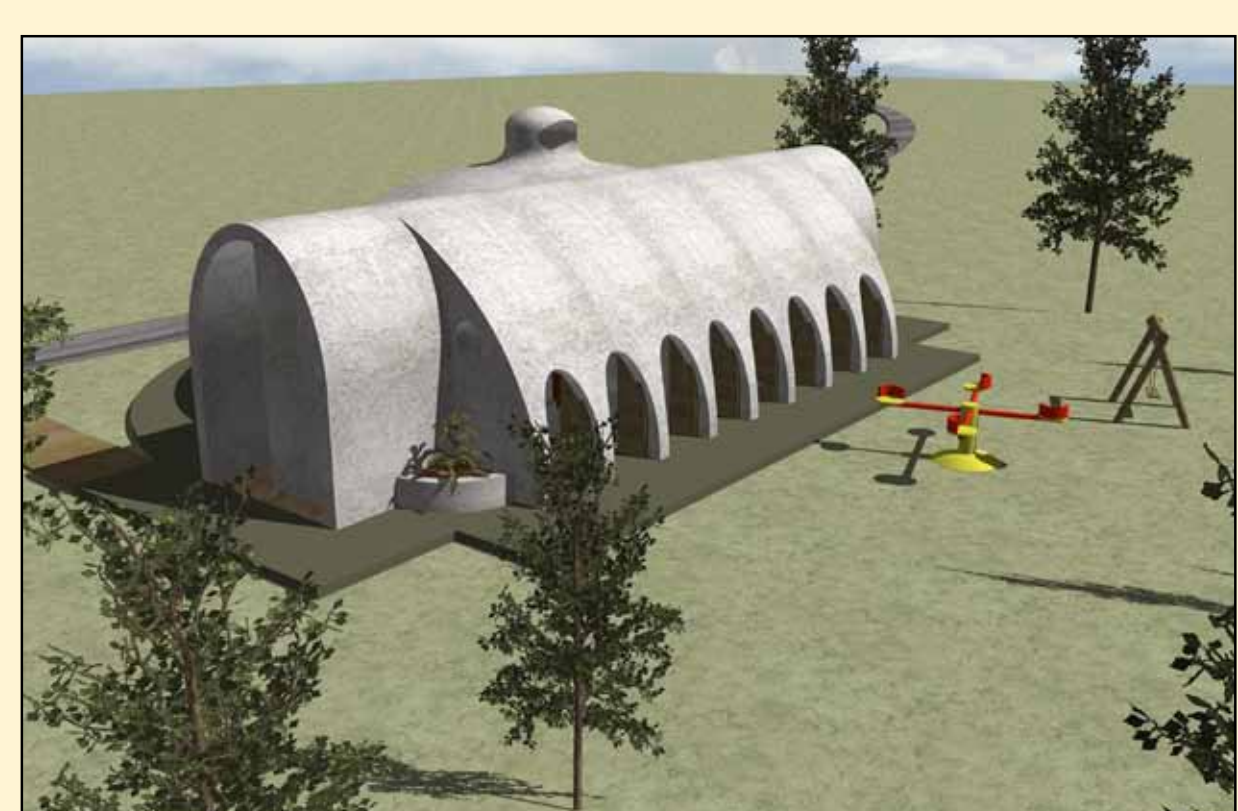
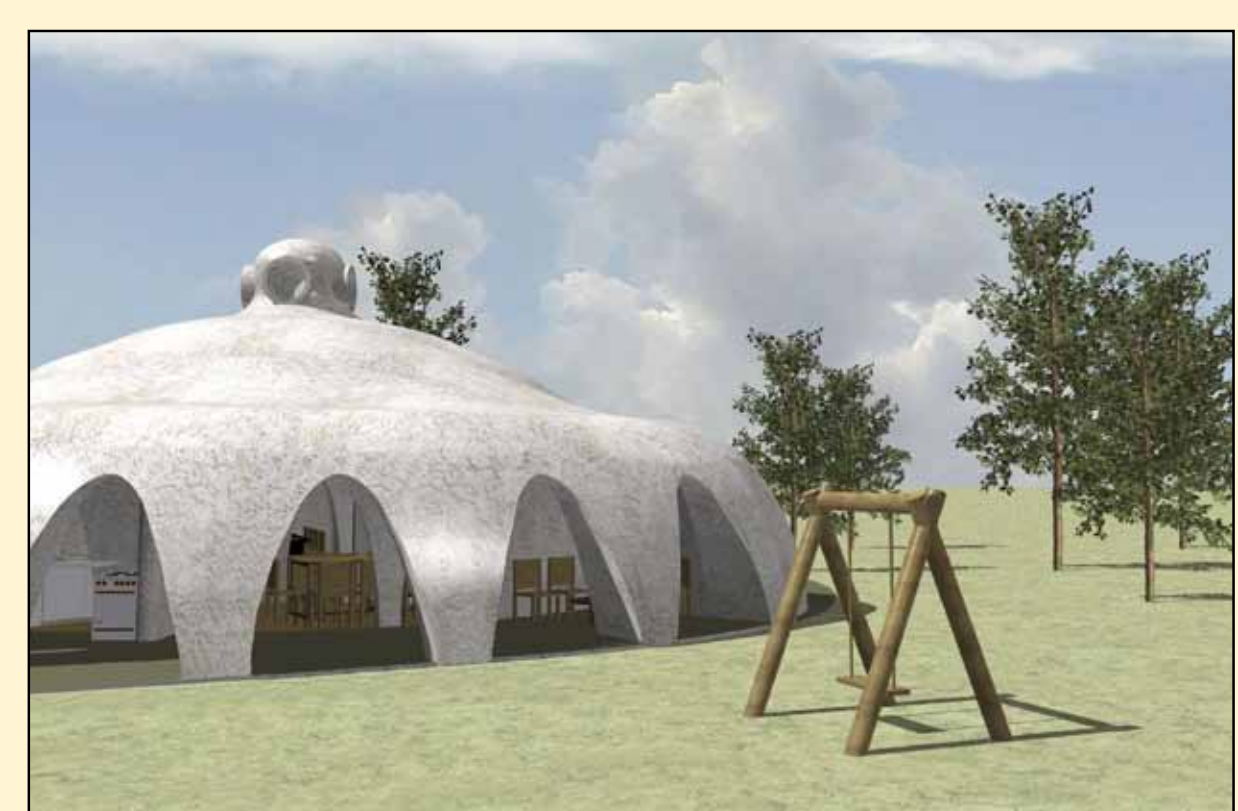
building 2: floor plan
single family home, nuclear family with 14 persons



building 3:
single family home for 14 persons
(multi-generation house)



building 6:
farmhouse with 2 small shops
(for direct marketing)



single family home, nuclear family with 8 persons
single family home, extended family with 14 persons



Büro für organisches Bauen
Dipl. Ing. Architekt Udo Heimermann

Im Auelsgarten 4
53474 Bad Neuenahr-Ahrweiler
Tel: 02641-7254
www.heimermann.de