

MILD HOME AND ECO GREEN VILLAGE COMPETITION OF IDEAS

COMPETITIA DE IDEI MILD HOME AND ECO GREEN VILLAGE

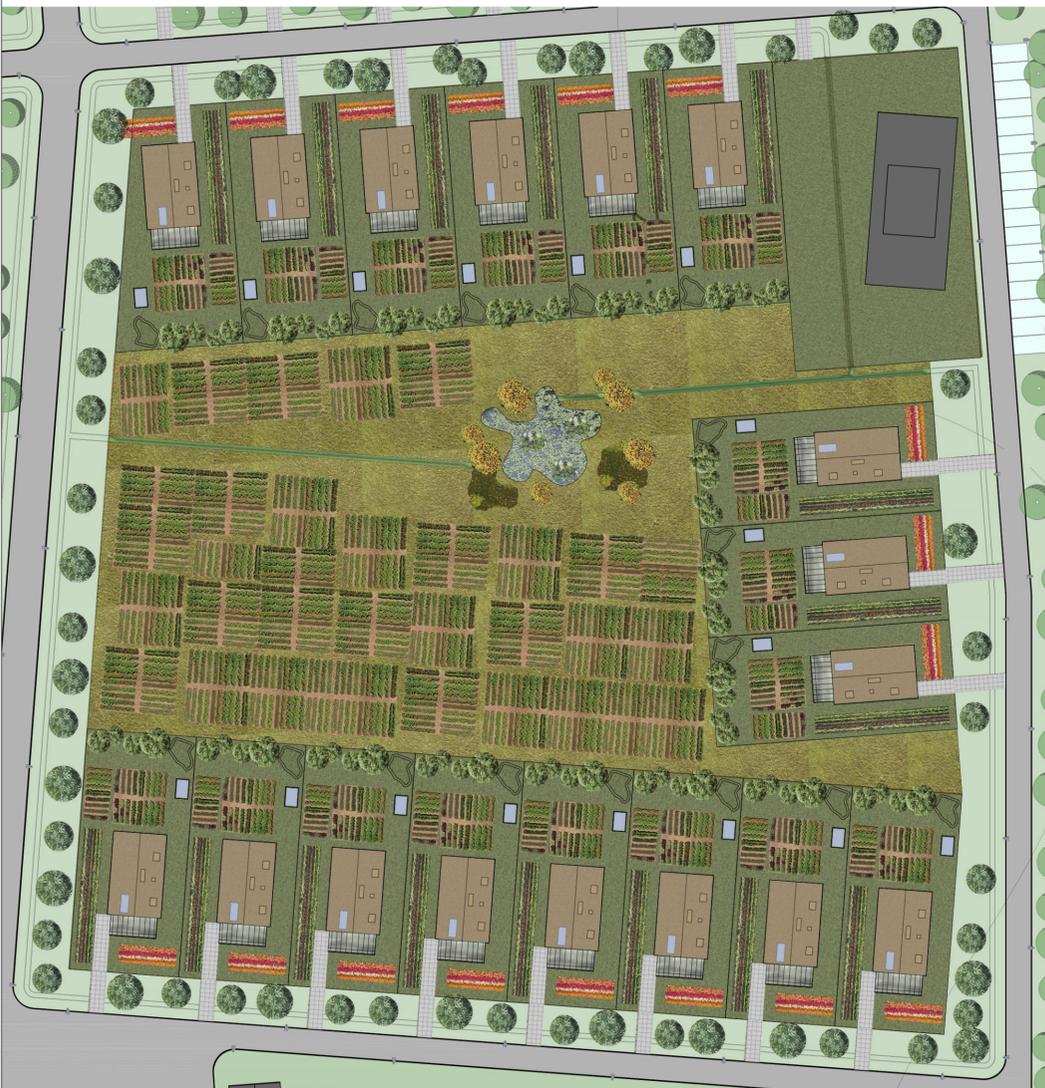
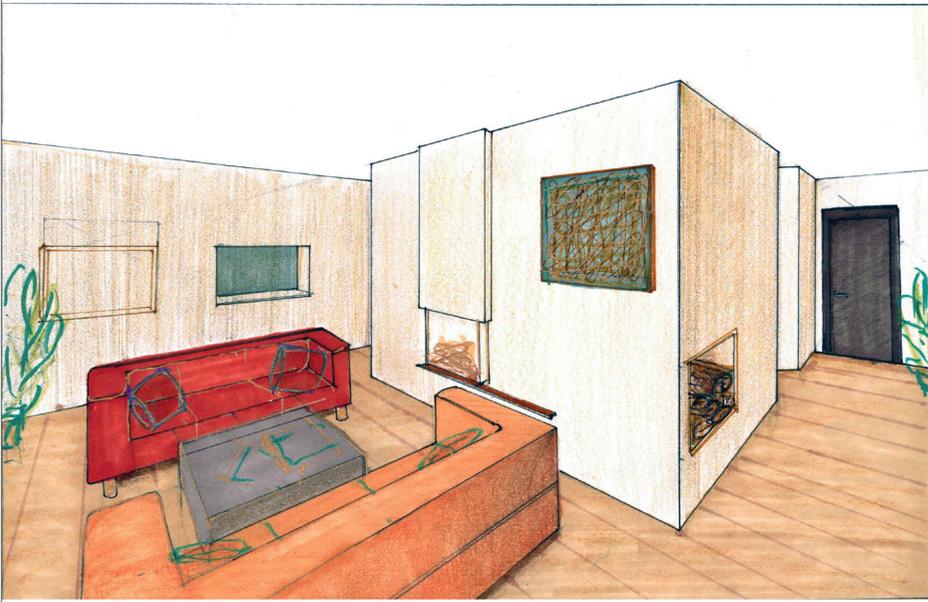
My Modular, Intelligent, Low cost, Do it yourself nearly zero energy House for our Eco Green Village



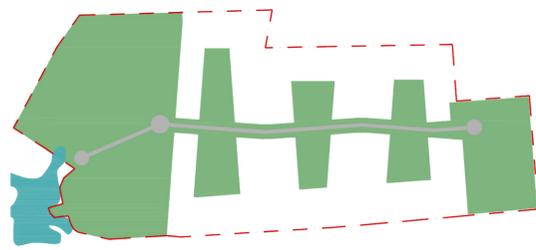
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Street profile scale 1/200



Plot layout scale 1/500



GREEN AXIS BETWEEN TWO LARGE GREEN AREAS:CONNECTING THE LAKE SIDE, THE WILLOW PLANTATION/PARK, THE COMMON GARDENS AND THE FRUIT ORCHARD

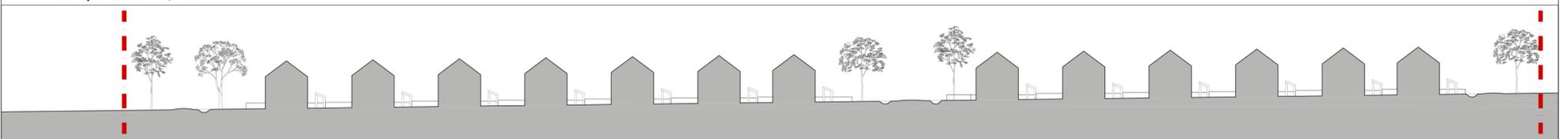


GREEN, BUILT AND ROAD AREAS INSIDE THE ECOVILLAGE. COMMON BUILDINGS ARE LOCATED ON THE MIDDLE AXIS OF THE VILLAGE

Site-plan ecological design:

- Water
 - o Grey water treatment ponds
 - o Willow plantations regulating rainwater runoffs
 - o Rainwater harvesting for gardening
 - o Permeable paving allowing rainwater infiltration in the soil
 - o Street drenches direct the excess rainwater to the garden ponds
- Materials
 - o Permeable paving
 - o Branch fences
- Energy
 - o Solar panels covering the parking lots
 - o Solar powered street lighting

- Waste
 - o Rainwater and grey water will be used on-site
- Transport
 - o Car use is restricted inside the ecovillage. Cycling and local public transportation will be encouraged - bicycle parking and 2 bus stops will be created at the edge of the ecovillage
- Land use and ecology
 - o The site-plan emphasizes mixing different types of green/natural spaces with constructions. These types of spaces are: common garden, private gardens, constructed wetland, willow plantations, fruit orchard, green streets planted with fruit and ornamental trees.
- Pollution
 - o Rainwater and grey water will be used on-site



Ecovillage profile scale 1/500