

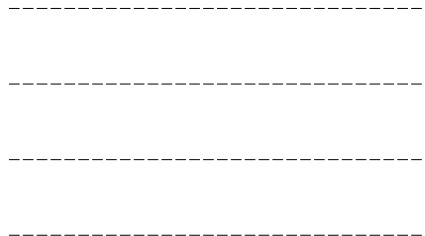
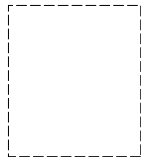
**SELF-SUFFICIENT COLLECTIVE HOUSING.
EL EJIDO, ALMERÍA. SPAIN.**

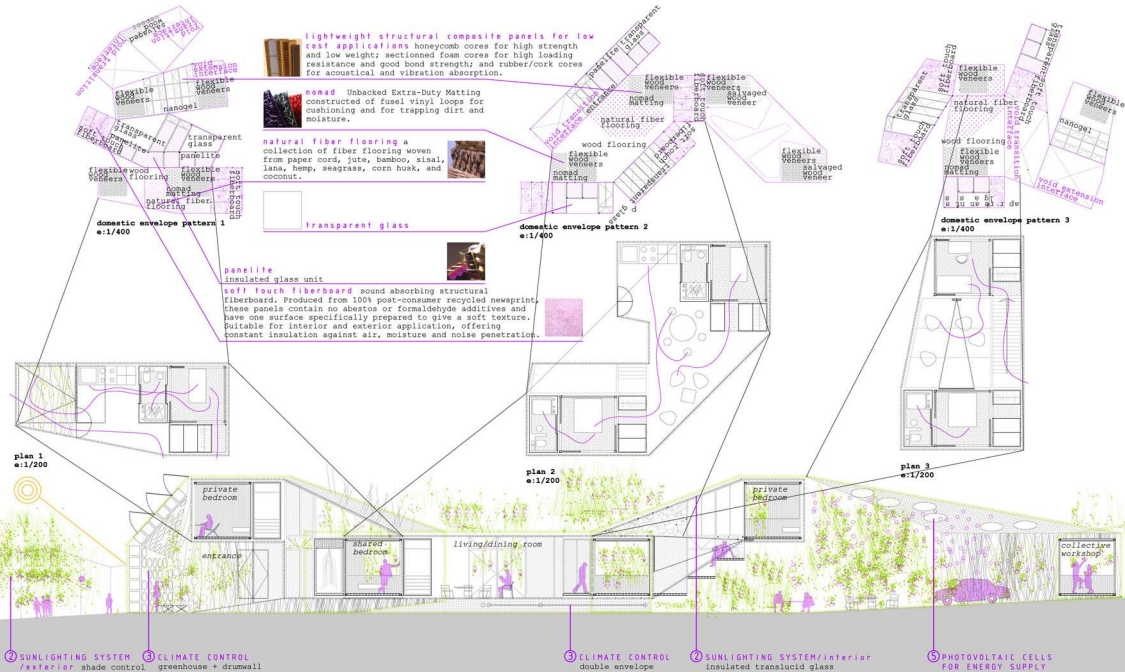
**[Honourable Mention] 1st Advanced
Architecture Contest: self-sufficient
housing. IAAC international competi-
tion** //

Size: 125 dwellings scattered across
the greenhouses // **Type:** Housing //
Structure: Prefabricated light struc-
ture // **Project description:** The
proposal looks for the maximum use of
passive systems directly related to
local conditions. In winter, thanks to
the greenhouses and drumwalls sys-
tems, there is a hot air distribution
and storage through the double envel-
opes. In summer, the greenhouses work
as cooling systems: the warm air
inside is extracted through the chim-
neys. Other passive systems are used:
natural sunlighting systems; natural
ventilation; dry garden landscaping;
rainwater usage by collective
collectors.//

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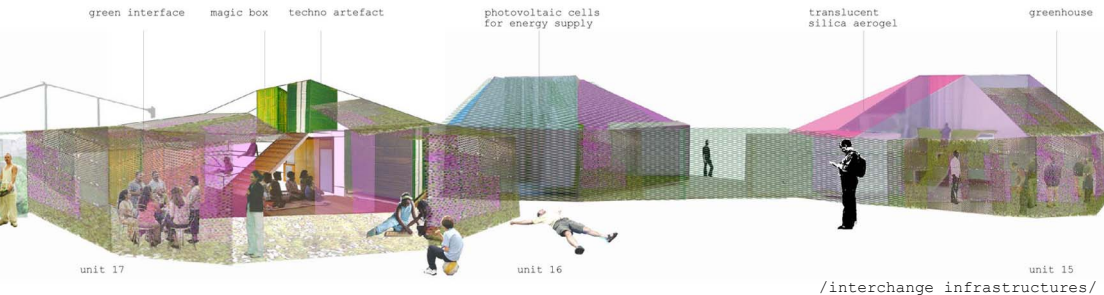
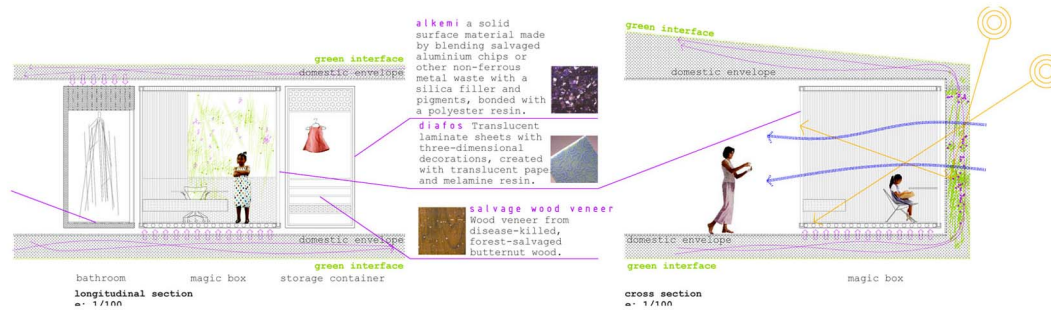
Size: 125 dwellings scattered across the greenhouses // Type: Housing // Structure: Prefabricated light structure // Project description: The proposal looks for the maximum use of passive systems directly related to local conditions. In winter, thanks to the greenhouses and drumwalls systems, there is a hot air distribution and storage through the double envelopes. In summer, the greenhouses work as cooling systems: the warm air inside is extracted through the chimneys. Other passive systems are used: natural sunlighting systems; natural ventilation; dry garden landscaping; rainwater usage by collective collectors.

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2005

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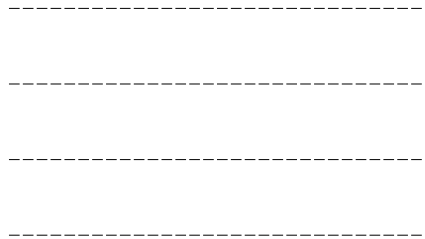
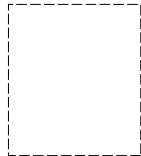
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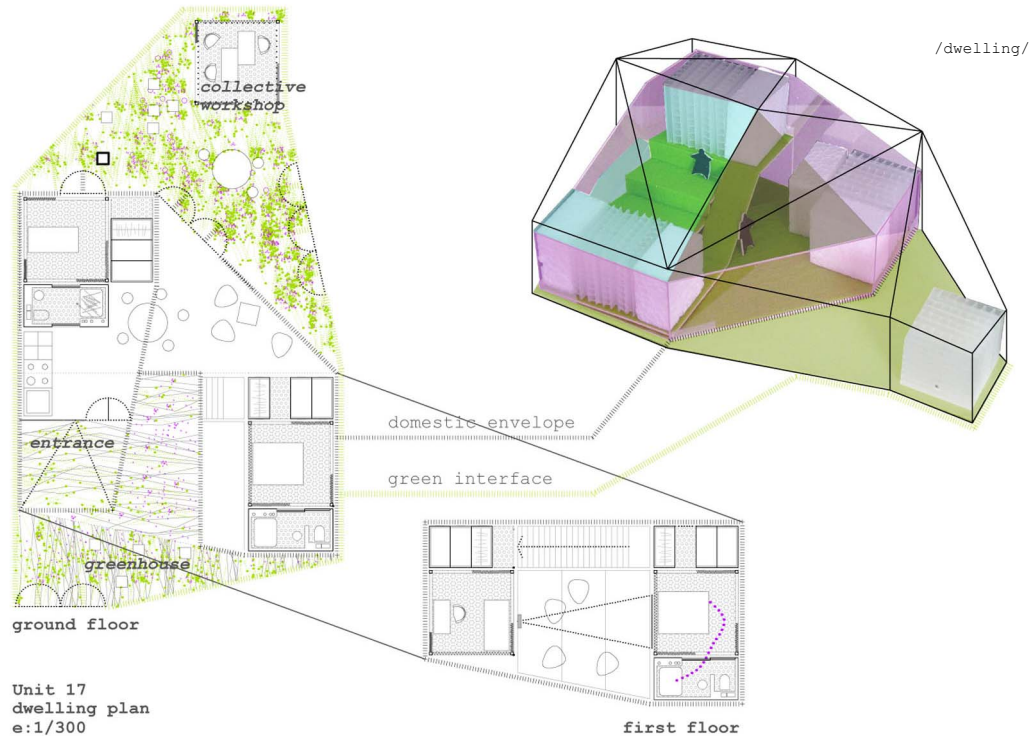
Size: 125 dwellings scattered across the greenhouses // Type: Housing // Structure: Prefabricated light structure

Project description: The proposal looks for the maximum use of passive systems directly related to local conditions. In winter, thanks to the greenhouses and drumwalls systems, there is a hot air distribution and storage through the double envelopes. In summer, the greenhouses work as cooling systems: the warm air inside is extracted through the chimneys. Other passive systems are used: natural sunlighting systems; natural ventilation; dry garden landscaping; rainwater usage by collective collectors.

2007
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Unit 17
dwelling plan
e:1/300

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