ReHousing 2006

KALHOEFER - KORSCHILDGEN - ARCHITECTS Cologne - Germany

ADAPTABLE HOUSING

Demographic change and alternative housing models

ADAPTABLE HOUSING promotes an availability of different relevant spaces at one place - either short term or long term orientated, relate to specific cycles or rhythms of life. The conventional architectural space offers limited shapes and functions - ignoring the ambiguity, inconsistency and complexity of today's life. ADAPTABLE HOUSING is interested in an optional architecture, changeable and adaptable spaces that allow different perceptions and interpretations for living...As well as "-architecture is not interested in the final frozen state but in a process, in a space of assembling: an intelligent infrastructure - rich, functional and stimulating.

ADAPTABLE HOUSING is a catalyst for different options of acting and vitalizing the users consciousness of their individual needs. Housing has to offer flexibility in functional, spatial, atmospherical and mental terms due to short-term, seasonal and biographical cycles. This flexible and dynamic background puts the user in the centre of _designing' to usurp his/her environment instead of being a passive, determined and submissive guest. These options engender a psychological act of freedom and self-confidence for a serene user who is always aware of the further potentials and configurations hovering above the physical space. ADAPTABLE HOUSING wants to create a rich and complex environment that allows different interpretations and might help to redefine – in a permanent process - an authentic living beyond fixed expectations and clychés.

Expander th on spatial flexibility of apartments

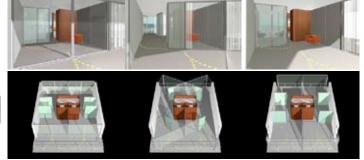
Theme: This study deals with spatial options within standard sized apartment buildings. Common apartment structures are equipped with flexible components to provide spatial elasticity concerning short or long term cycles:

optional use of the balcony
optional use of the balcony
optional number of rooms
optional response to the climate

New Typologies

Elements: Inner core offers a fixed set of sanitary equipment and circulation. Flexible elements allow an adapting to changing needs of the user:









Mies_update
mporary flexible residentials, "Weis

Theme: Connecting up with Mies van der Rohe's ideas of the 'largest liberty in the way of using' or the 'flowing space' the project interprets the floor-plans of its apartners building on the background of contemporary techniques and materials. Breaking up conventional spatial categories and hierarchies such a 'living' structures can be adapted to the user's short and long-term needs.

le the hard wall shells take up technical infrastructure, the extendioneumatic volumes can be easily deformed in three-dimensions lat a well as furniture use). These volumes can be informed additionly by means of new coatings with:
heat and electrical conductivity
light and information conductivity















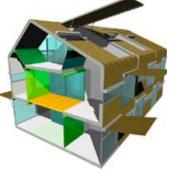
Wild card - Interspaces assignment for a new row house development

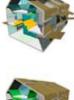
Using a typical volume of a 2,5 storey row house this investigates a new inner three-dimensional layout offering transmittance and flexibility between the rooms as well as en inside and outside.

ents: Optional room separations offer different spatial connections: flexible roller shutter walls provide alternative room layouts (riddable floor elements ("tatami" like) can also be used as a bench within a double storey space as a result an optional "wildcard" space can be created depen ding on different needs



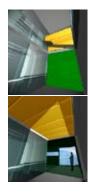












Extension: Tournesol Extension of a villa from the 1970s

Theme: The owner of an existing house on a site with a prominent view but daylight problems was asking for an extension without taking his summer seating place. The concept is looking for a maximum daylight location for that addition and different options of connecting - depending on the season.

Elements: The new space is constructed as a twistable structure. Offering two different positions and spatial relations causes a change of

registration from the particular of the standard pavilion (summer) offers a new patio and new views winter garden extension (winter) offers a direct access from the house

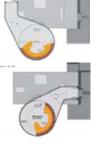














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Flexible modifications of existing buildings

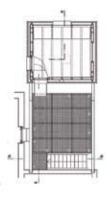
Today we live in a world of constant and accelerated change, in a society that is "always and everywhere": "always" as concentration or densification of time through constant activity and "every-where" as extension of our mobility. As a consequence living layouts need a new diversity and an extension of possibilities, a plurivalent ambiguity and complexity. Different aspects of our life: politics, information and transport systems, work and leisure conditions, public space as well as the private world – are all affected by this notion of an "always and everywhere". So many everyday objects incorporate this multi-valence and reactivity, architecture/housing doesn't - in most cases.

On the one hand patterns of life are increasingly fractured in relation to career, relationships and health. Our society is affect by a dramatic demographic change, caused by migration and aging, as well as by new computerized and nomadic conditions. On the other hand property and real estate cycles have softer terms concerning anortisation, lifespan of businesses, and also change of fashion and state-of-the-art tendencies have an impact on our living. Theses aspects of a changed environment have economical, ecological and social dimensions and require a special kind of complexity in architecture. ADAPTABLE HOUSING promotes an availability of different relevant spaces at one place - either short term or long term orientated, relate to specific cycles or rhythms of living.

Fahrt ins Gruene



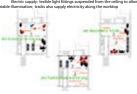






Mobile interior: Do it yourself Conversion of a house from the 1920s

Brief: A terrace house in a co-operative settl









Le grand bleu









time pavilion



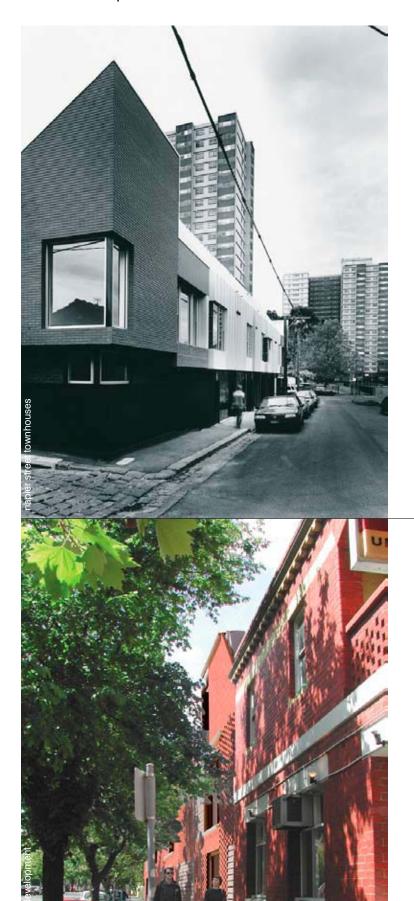


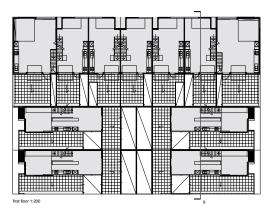


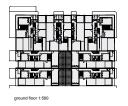


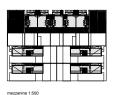


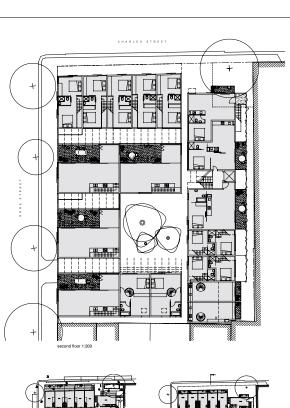
Kerstin Thompson Architects



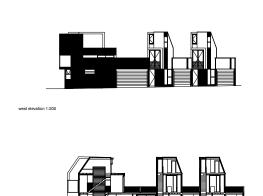








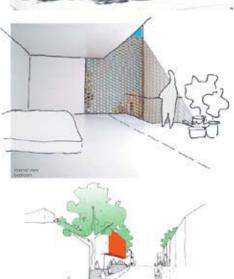
Kerstin Thompson Architects







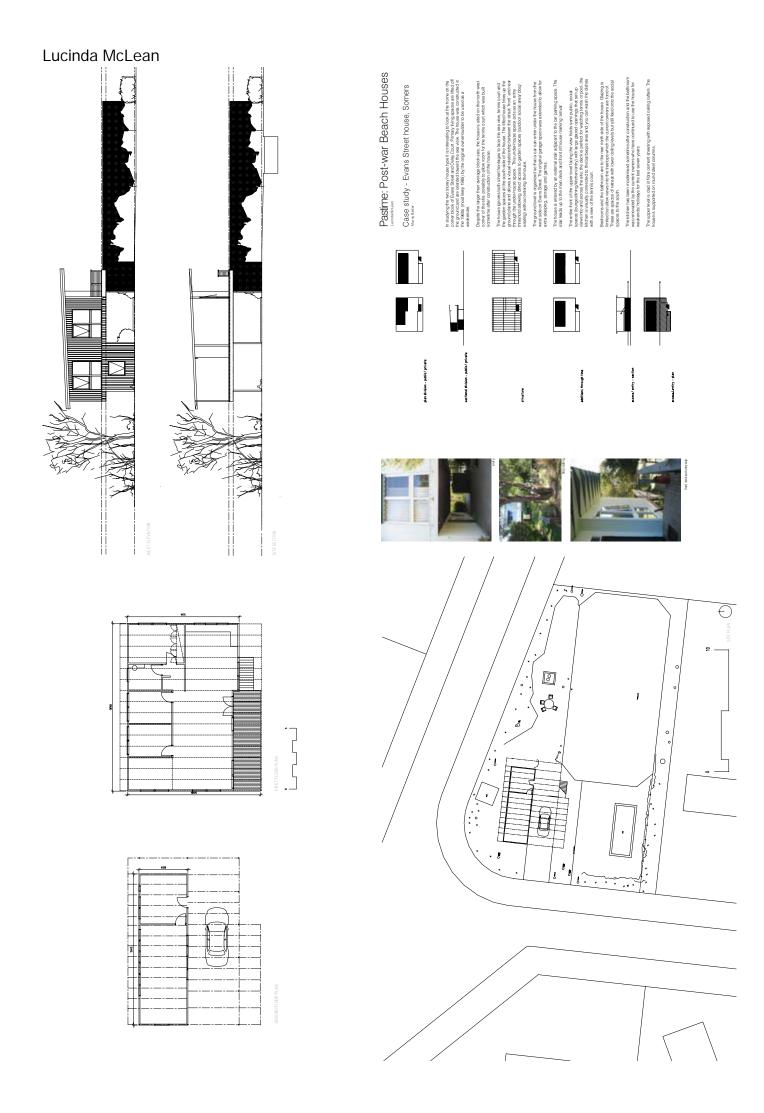




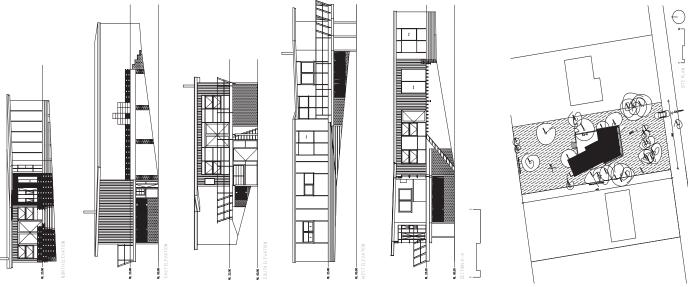
napier street townhouses Fitzroy (1998 - 2001)

gore street mixed use development Fitzroy (2004-) status: planning approval received

kta kerstin thompson architects



Lucinda McLean





Pastime: Post-war Beach Houses





Lucinda McLean

Pastime: Post-war Beach Houses

Case study - Bayview Road house, Merricks Beach



























































































































































































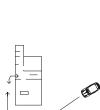


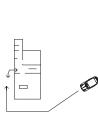






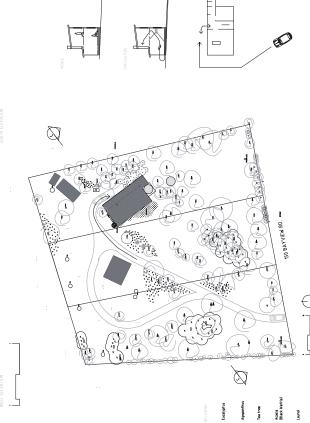


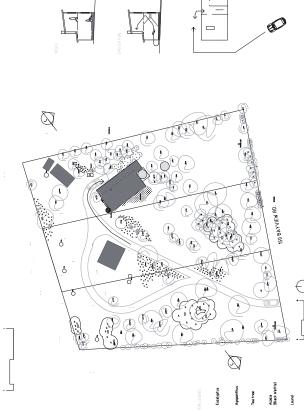






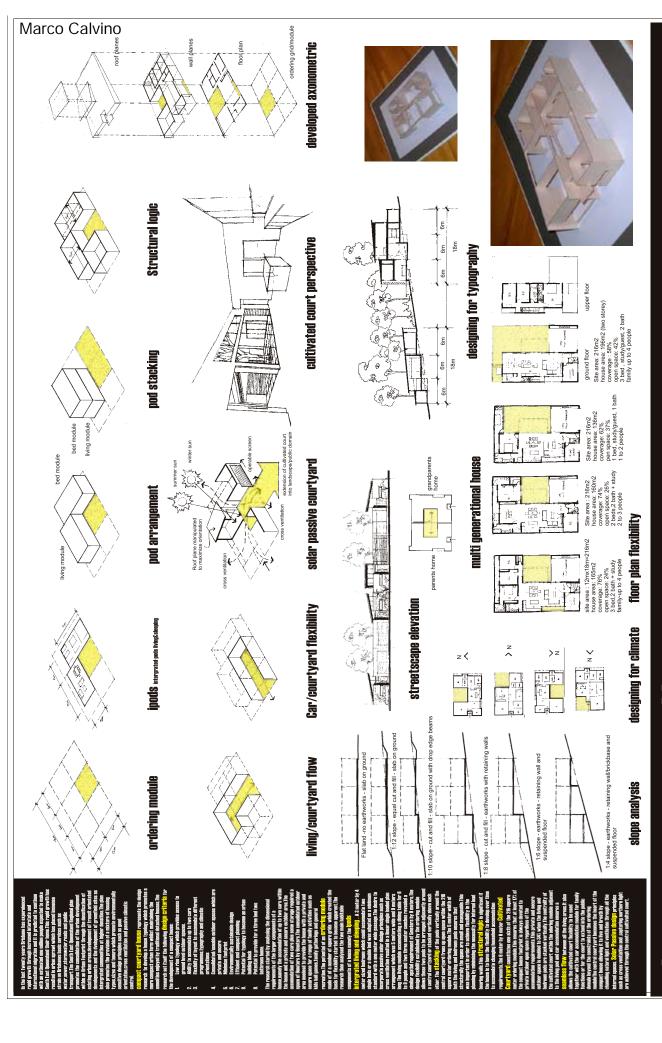












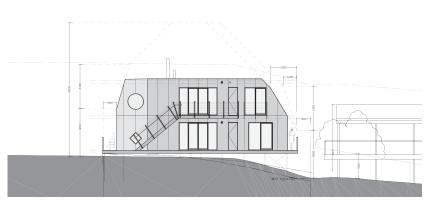
1e compact courtyard house

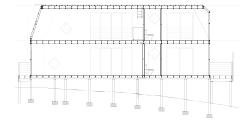
marco ramaccio calvino

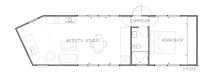
micro development of house typology



The Lovenasium-A 4D housing case study.



















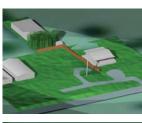


















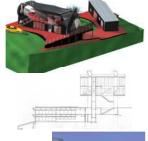






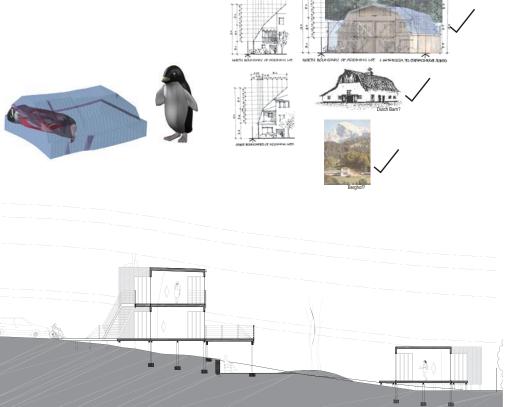






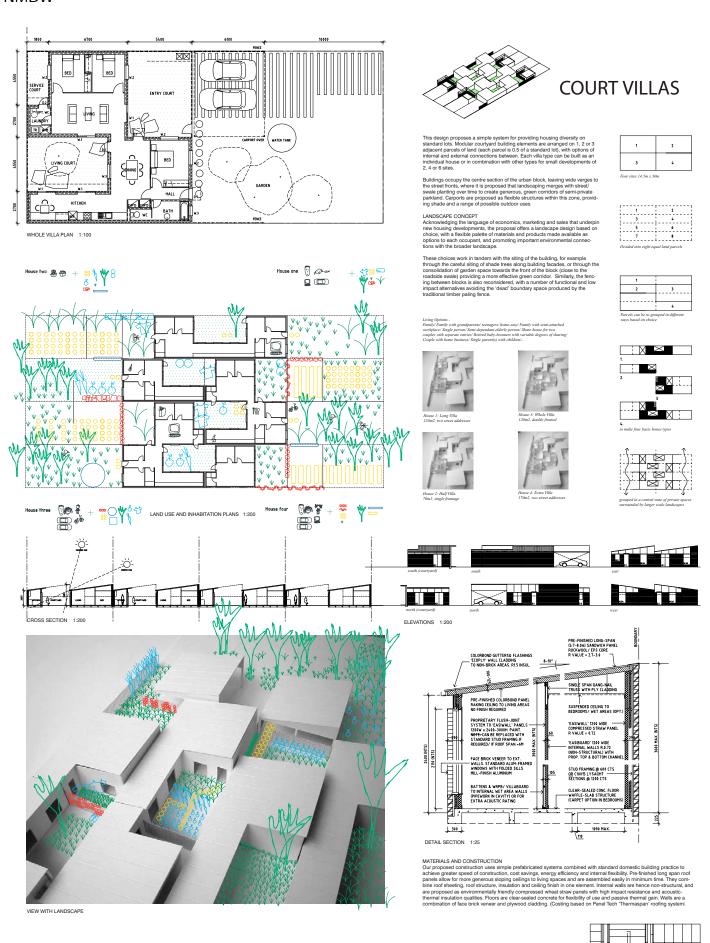


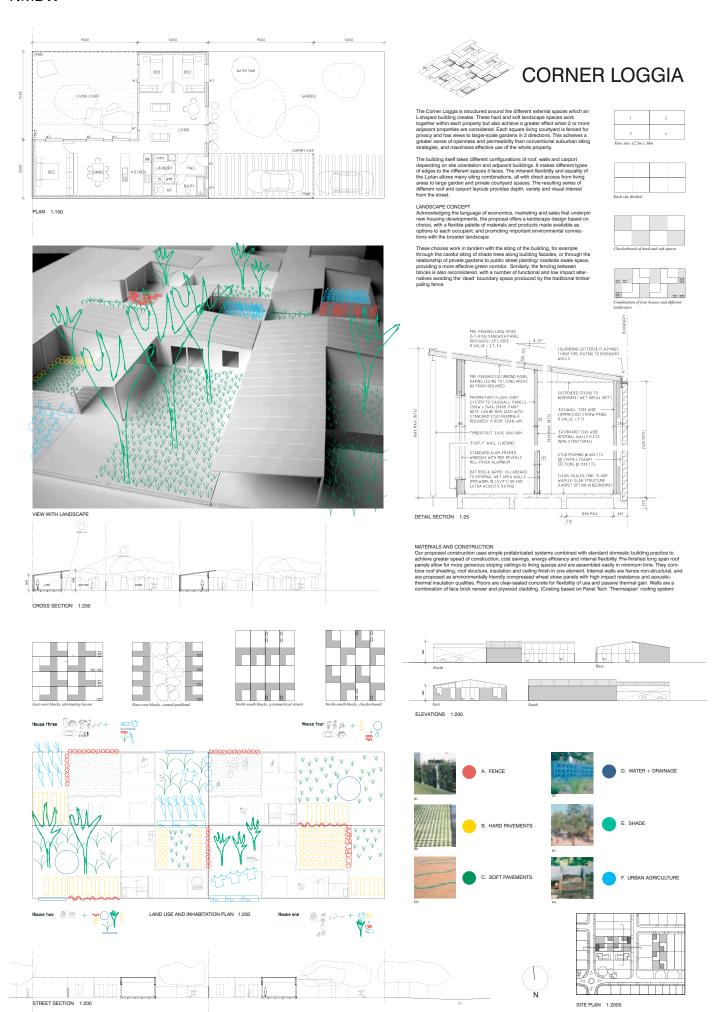


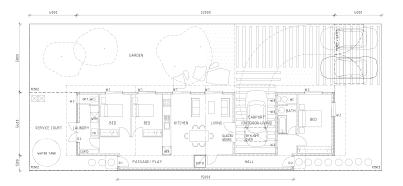




STREET SECTION 1:200









LONG COTTAGE

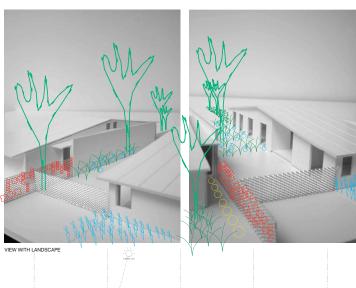
sion of the lot brings the large-scale planting of 'backyards' in contact
street and allows good solar access to all rooms. South-facing brick
ry walls of adjoining lot-line houses are treated as landscape elements
planting with climbing vegetation. The cottage has a stretched and
oportion from within the property, but avoids overlooking or overshad-
and appears modest in foreshortened perspective from the street. The
consolidates external private spaces to achieve a generous scale - like
anne black and don

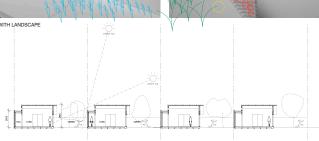


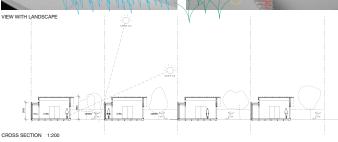




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LAM BEAM/ GANG-NAIL TRUSS SUPPORTS PANELS AT 5700 (TS DETAIL SECTION 1:25





