

AVATAR ARCH./ PETER LANG



Florence, I

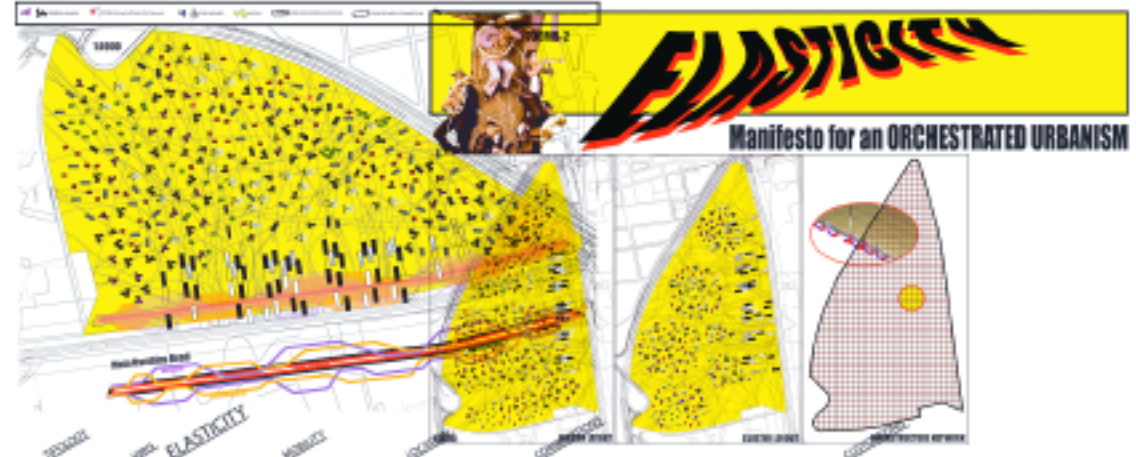
elasticity.
Manifesto for an Orchestrated Urbanism

Authors: Nicola Santini, Pier Paolo Taddei, Peter Lang, Michele Salvi, Eleonora Caudai, Diana Lombardi, Giulia Mancini, 2004
elasticity is a highly elastic spatial and architectural urban infrastructure designed to support flexible living systems in adapting to short and long term requirements. elasticity can be seen as an orchestrated urban system in which competing and inter-related city rhythms keep the architectural urban infrastructure in continuous transformation and movement.

These movements include: alternating traffic cycles, advancing and retreating commercial infrastructures, multiple use recreational and leisure activity spaces; short, medium, and long term residential living cycles and time-share activities. Play cycles determine the rhythmic patterns for the entire system. The Site - 3 Housing Site Proposals: 1) Cluster Layout; 2) Ribbon Layout; 3) Diffused Layout. AMPOSTA has become the experimental locus for the first elasticity, a large-scale proposal for an alternative suburban-peripheral lifestyle in a park environment. The increasingly popular global trend for people to move to the green suburbs from the city centers has by and large been ignored by architects, who see the

patterned, retro-styled, and landscaped residential neighborhoods a form of "low" architecture scarcely worth addressing. Worse, the current forms of "new Urbanism" and catalogue housing are extremely inefficient and wasteful. Houses built to last 10 years are made to look monumental and permanent. Decentralized sprawling landscapes are energy-inefficient and transportation nightmares. elasticity proposes a manifesto for a new way of living, providing a series of alternative site options connectable to an infrastructure network set in a green park landscape. Residential systems: TH (Tree House) and RRP (Recycled Rolling Plastic House). The TH is a variable height re-combinative clustered housing unit that is suspended above the park landscape. It can be arranged to house single families or serve as mini-hotels or residential dormitories. The RRP is a pre-fabricated roll-over housing unit designed for variable assembly.

The Periodic Table: The Periodic Table is a general chart that describes the rhythmic movements of this novel form of orchestrated urbanism according to different life cycles, to promote customization and individualization as well as recycling back into the system.



PERIODIC TABLE

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Dogologue

Starting "Panche" the dog, and his all seven friends. All characters in the story are fictional. The dog Panche is real.

T.H.
Tree House

Looks like a good doghouse. Like a walk, eh pancho?

Hand to stay outside while I go up and change clothes. Oh! Good dog.

RRPH
Recycled Plastic Roll Houses

How coming? Hand? What a dog. I can't stop talking to the ground.

When look at that, I thought new plastic has arrived in the neighborhood.

Hand! I can't see your moving!

Hand! I thought you were about to go! I don't understand! Please come to the table.

Confidently, what's the movement get in?

OCCUPANCY SYSTEMS