

INSIDE AND OUT OF THE BOX: A DO-IT-YOURSELF GUIDE TO EXPANDING SPACES

A SCENARIO FOR THE FUTURE:
A Future of Limited Resources
 With the passage of time, small changes reflect diminishing resources. Sustainable practices within the home will include urban and roof gardens as a viable source of food. Private living spaces are cellular, but higher in density. Areas of interaction are important with this environment. These areas are associated with cooking, eating, working, and play. Higher percentages of automation lead to larger percentages of self-employment and self-sufficiency with a dependency on the internet and digital information highway. All "stuff" can be re-used, recycled, and re-invented by the individual for their own purposes or for a larger trade network.

Depending on the DIY Culture
 The role of the architect will be in advancing the DIY culture that connects the inhabitant with the body through the building process and the use of the hand. Living in tight spaces, with existing buildings, and then making them seem larger captures the essence of this culture.

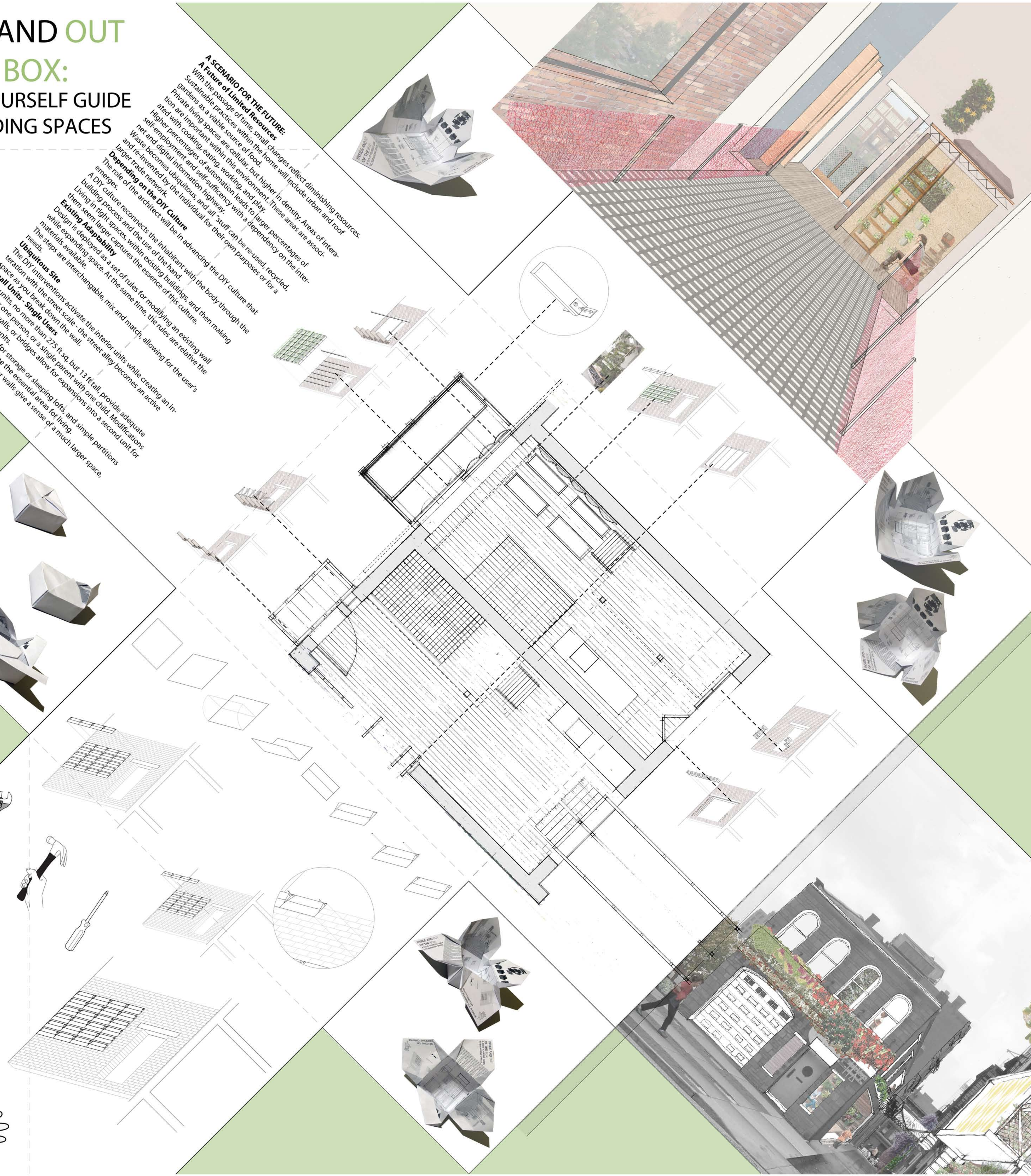
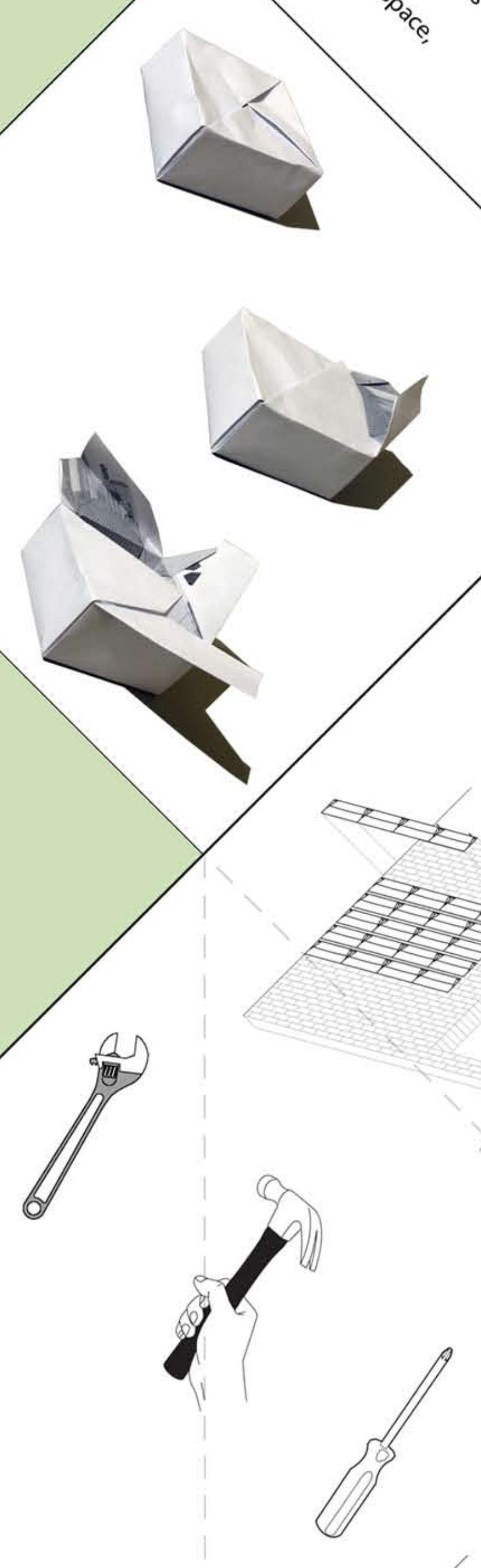
Existing Adaptability
 Design is deployed as a set of rules for modifying an existing wall while expanding space. At the same time, the rules are relative to the materials available. The steps are interchangeable, mix and match, allowing for the user's needs.

Ubiquitous Site
 The DIY interventions activate the interior units while creating an iteration with the street scale - the street alley becomes an active space as you lean down the wall.

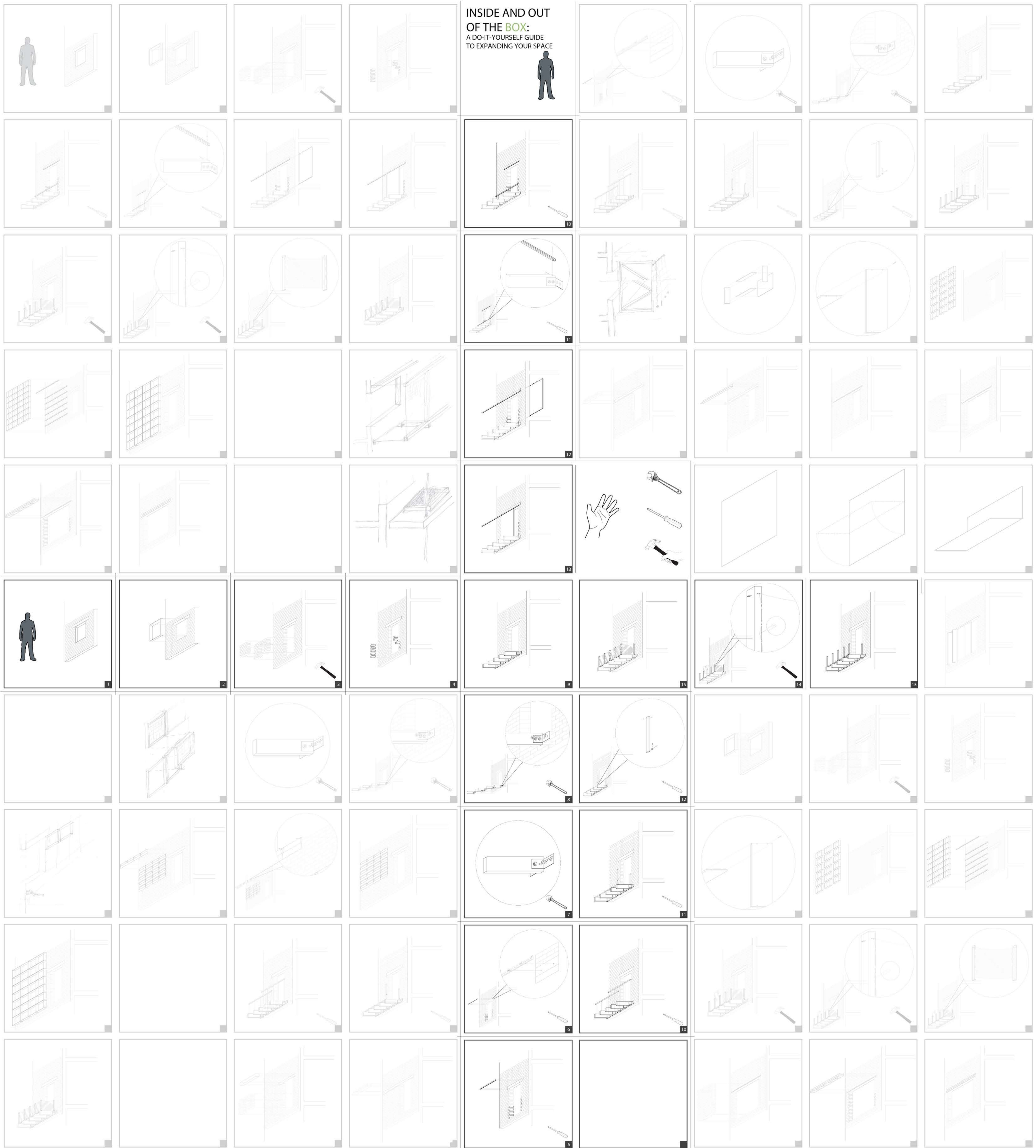
Small Units - Single Users
 Tight units, no more than 275 sq. ft. but 13 ft tall, provide adequate space for one person or a single parent with one child. Modifications to interior walls, or bridges, allow for expansions into a second unit for larger family units.

Tall spaces allow for storage or sleeping lofts, and simple partitions with the space zone the essential areas for living.
Opening up the exterior walls give a sense of a much larger space, and other views.

DIY EXPANSIONS IN SMALL SPACES

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