



Dynamic Architecture is the most efficient response for Provisional Housing. This is accomplished by incorporating the functional concepts of Mobile Structures that are part of our daily life into a livable space unit.

Mobile Structures that expand and collapse for a utilitarian purpose such as packaging, umbrellas, chairs, dividing screens and origami have proved to be an optimum solution to our space needs. This plus National Symbols like the eagle and a High-Tech expression are the inspiration for the response to this challenging project for Provisional Housing.

With all this combined we try to provide an appealing piece of architecture with a unique personality.

A Kit of Parts made of an aluminum structure with panels provides infinite possibilities for the handling of the unit throughout its life span, optimizing production, use and recycling.

The provisional unit is a Sustainable Building capable of performing as a standalone unit for a few weeks until it is hooked to the city's grid of utilities. It is equipped with a solar panel system, temporary water and drainage system. All this make our building green reducing the carbon footprint.

The unit is provided with a Support Module that contains the bath room, the kitchen with a communication tower, a survival kit cabinet with frozen food, blankets and first aid kit and a mechanical cabinet.

On the roof are the HVAC System, the Solar Panels with the converter and batteries and the water tank.

When the support module expands on the sides it generates two wings of living space used as bedrooms or living areas.

The unit is for a family of four members or two roommates. If only one side of the unit is expanded it will become a single occupant unit. There is the possibility to interconnect two units if the need to provide housing for a larger family is required.

The advantages we get by utilizing a collapsible and expandable building consisting of a kit of parts are:

Factory produced at a fast rate, easy to store in small facilities, more units transported per trip, fast and easy set up and deconstruction, self efficient for a short term, easy maintenance and recyclable.

All of these facts not only make our project cost effective in all ways but time effective.