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| Project | L41 Home |
| Location | Vancouver, British Columbia, Canada |
| Architect | Michael Katz, Architect, and Janet Crone, Designer |

The L41 home, designed by Vancouver architect Michael Katz and designer Janet Crone embodies the idea that one can enjoy life in a home of only 23 m² (250 sq ft). The thrust of the design is to create an affordable and livable home in a small space.

Every interior space is cleverly designed. There are no swinging doors to taint the clean walls or add unnecessary obstacles. With a convertible living-bedroom space, the occupant can store unused furniture, such as a bed, computer

desk, cabinets or drawers in the walls. One of the featured examples of this is a pull-down blind behind the couch that can be converted into a projection screen. In contrast to ultra-small or micro-homes, L41's kitchen is U-shaped and of a regular size, allowing the occupant to prepare meals comfortably.

The L41 home was designed to appeal to diverse groups. Similar to Ford's Model T car, the architects intended to provide an affordable product. With this

Below: Rear view showing the convertible living-bedroom space.



Top: The principal entrance to the unit.

Middle: View of the efficiently-designed kitchen.

Bottom: View of the living-bedroom area.



in mind, the design of the units is modular and can be expanded or customized based on clients' needs. Furthermore, the houses can be configured to become a single unit or an entire apartment complex.

Environmentally aware and appreciative of the impact of mass production, the architects designed the house with engineered, cross-laminated timber made from beetle-killed pine trees and structurally sturdy modules that can be used singly or stacked together to form a mid-rise building. Concerns for energy and resource efficiency were also a key factor. Green technologies such as LED lighting, green roofs, heat recovery ventilation and solar heating not only ameliorate the occupants' living carbon footprint, but also educate the community about the environment.



Above: View of the bathroom with the shower stall.



Top: Computer render of a two-storey unit.

Middle: Computer render of a wide span unit.

Bottom: Computer render of a cluster made up of L41 homes.

