THE WORK-LIVE UNIT

The 500 m² work-live unit is divided into two spaces. One space (above) is primarily used for work. This space has large glassing on two sides, providing plenty of daylight and exposure of exhibits and of the work process. The other space (below) is primarily used for living. This space is enclosed and has only a few windows to provide sufficient privacy. Both spaces have direct external access on ground level. In addition, the workspace has direct access to the roof via an external staircase.

DOMINO, 1914

The Domino House by Le Corbusier is the icon of the industriализed production methods and the flexible open space of the 20th century building structure.

MANIFOLDS, 2007

The Manifold structure is the proposal of a 21st century building structure, which provides flexibility through diversity and individuality through mass customization.

“多层”即是由21世纪提出来的词，它可以是3层或更多层，它是一种新的建筑结构，它的结构是由多个独立的房间组成，每个房间都可以独立使用，也可以组合使用。本文中的“多层”是指“Domino”的变形，它可以表示一个抽象的数学模型，每一个点在其中与相邻的点形成空间，从而形成一个复杂的网络，它在空间中十分别致。www.dictionary.com

FLEXIBILITY THROUGH DIVERSITY!

Instead of an open empty space, which can theoretically be altered in all possible ways, but usually never is, the manifold structure provides a wide range of different spatial possibilities. The same section of the manifold can be used for different activities – or the same activity can unfold on different sections of the manifold.

通过多样性来定义！

尽管空白的空间理论上可以被任何可能，但是事实上，我们都不会。本文中的“多层”即是由“Domino”的变形，它可以表示一个抽象的数学模型，每一个点在其中与相邻的点形成空间，从而形成一个复杂的网络，它在空间中十分别致。www.dictionary.com
PUTTING THE UNITS TOGETHER

The individual work-live units can be put together in many different ways, to fit the foundations of existing building structures and/or to fit different needs for common interior spaces in-between the units.

CLIMATE

The work-live units have floor heating on ground floor. The heat of the living space becomes passive floor heating for the work space. Windows are used for natural ventilation.

The large glazing is single layered when facing an interior corridor and double layered when facing the exterior. Likewise, the enclosed wall of the living space is not isolated when facing an interior corridor but isolated when facing the exterior.

The glass roof between the units provides skylight to the spaces in-between the units and the spaces inside the units.

MASS CUSTOMIZED SPACES

The roof of each work-live unit consists of a simple longitudinal steel structure between two load bearing concrete walls. The large glazing can be freely composed of individual pieces of second hand glass, thereby making each facade unique.

The manifold structure of each unit can be folded in its own unique way. It is a simple steel construction which can be covered by recycled wood, thereby making not only the structure but also the surface of each manifold unique.

Each work-live unit has its own private roof which can be designed according to individual needs and desires. The individual roofs are connected to each other by small bridges and can be accessed directly from the work space of each unit.

模块空间

每一个工作生活单元的屋顶覆盖有不同大小的矩形和方形的单个单元，这些单元可以自由组合，形成不同的空间结构。每个单元的屋顶结构，表面可以使用再生木材和再生材料覆盖，这样不仅使每个单元的屋顶结构不同，而且每个单元的材质也不同。

每一个工作生活单元都有它自己独立的屋顶，它们可以有用户自己的需求进行设计。各种单元屋顶通过小桥连接在一起，所以你可以从每个工作空间直接前往其他人的工作空间。