Introduction

The FactoryHome is a mixed-use development that has been designed to offer a flexible and adaptable office environment. The design philosophy of the FactoryHome is based on the concept of a transition zone, which aims to facilitate a healthy and dynamic community by promoting interaction between live and work spaces. The FactoryHome is located in a mixed-use urban setting, which allows for a seamless integration of work and residential spaces.

Influence of the site context

The site is situated on a busy street corner, which provides a vibrant and lively atmosphere. The street is a central location for both work and leisure activities, which adds to the dynamic nature of the development. The surrounding context has been heavily influenced by the need for a transition zone that can accommodate both live and work activities.

Design concept

The FactoryHome is designed to provide a range of accommodation options suitable for different family stages, ranging from a single individual to a family of four. The concept of a transition zone is central to the design, as it allows for a flexible and adaptable environment that can accommodate both live and work activities.

Long term adaptability

The FactoryHome has been designed with long-term adaptability in mind. Features such as a modular system of live and work units, a secondary construction framework, and a perimeter of heel proof grating ensure that the development can adapt to changing needs. The building is designed to be flexible, allowing for different types of work to take place.

Short term adaptability

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The plan of the FactoryHome indicates a working day on the left (work units open) and after work/weekend scenario on the right (live units open). The plan has been based on a 1500x1500mm grid system to allow future adaptation to an office environment and to allow coordination with various building elements. Also note the absence of columns in the central space, allowing the space to be used for a wide variety of purposes. One of the most important features of the building is the flexibility of the facade, which can be adjusted to meet the needs of the users. The facade can be extended for work space or retracted for private space, depending on the needs of the occupants. The interplay between work and live units is also evident in the plan, with work units dual access and live units dual access from the central space.