

## Perminant Meanwhile:

A Self Build Approach to more Autonomous and Low Carbon ways of Development.

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A site addressing the Canal next to the Paul Hankar Instituut.

### Questions of the Thesis:

The Thesis explores a development that gives more autonomy over the built environment and promotes inclusive and collective growth. It means to address the disconnection between existing social ecologies and new developments within metropolitan cities, as well as ingrained issues of waste and emissions within the construction industry.

It looks at existing design agencies, circular economy hubs, charities and social-cultural organisations within brussels and imagines what a development might look like if facilitated on site by them with the already established social and economic problems of the city known by each. Toestand, a non-profit organisation, that manages meanwhile use projects, will be the main overseer of the development for the duration of its growth.

### Major Architectural Themes

The design work focus on how this emergence can be facilitated. The architectural themes being explored are the densification of an urban gap, creating a masterplan with plots for self build and a hub area for social exchange and promotion of self build agency.

Within the Hub Area an upper deck within a new block is explored as a devise to enable ‘A Take on a Townhall’ that is more attune to autonomous organisations than traditional townhall typologies. The upper deck must be read as open, host a range of public spaces that are passively surveyed and overlap with a social exchange hall below.

The self build aspect of the wider masterplan is routed in the works of Piers Taylor and seeks to satisfy a phenominological thesis of architecture. Subsiquently the ‘Take on a Townhall’ building creates a sense of being within the city and is a place to engage in it’s sensory, social, political, economic and historic contexts. Through ‘engaging’ a collective contiousness of the challenges facing the built environment will be reached, eventually allowing a true vernacular to emerge.

Overlapping and intermediate spaces between inside and out have been explored to draw the city into buildings or flush the buildings out into the city. Its material composition seeks to heighten ones awariness of material resourcing and address the fragility of autonomous movements while asserting the institutions perminance within the metropolis.

### Contemporary and contextual issues

Embodied Carbon, Phenominology, Bottom up urbanism & Autonomy, Housing Crisis, Densification, Stigmatisation, Gentrification.

**The Ethical framework** being explored is how to strengthen the relationship between the built environment and people of a particular place. Tackling issues of embodied carbon by engaging in a socially led self build approach that is intertwined with ciruclar economy networks and the selection of local upcycled or biobased materials.

### A particular approach or research methodolog/ area.

Research has been carried out into contemporary autonomous movements and projects within metropolitan cities. The research looked at the relationship between communities, power, professionals and how built form is realised by self led communities or overseers. These developments have been looked at through a len of phenominology as well as their ability in solving many social and economic problems within european metropolitan cities.



Piers Taylors Emerged Architecture: Creating a New Vernacular

An emerged architecture is defined as an architecture that emerges from its context. It’s formal, spatial and tectonic qualities are not the result of an interpretation or poetic comment on the place but a true embodiment of a places material resources, the materials qualities, social, cultural and economic contexts. It also embodies a collective sense of the physical reality of a place and the world through collective and inclusive participation of the spatial and construction processes.

The cities and towns shown in ‘Architecture without Architects’ are architectures of emergence. The Thesis views Peter Zumthors Therm Vals is an architecture of interpretation of place and fetishisation of material and atmosphere. It ignores economic and social contexts in favour of satisfying a phenomenological thesis of architecture. An emerged architecture can satisfy the need for a renewed sense of our embodied condition, the material world and phenomena while engaging economic, environmental and social contexts.

ADD the starting of a new vernacular