

REFURBISHMENT VIADUCT ARCHES: MAKING AN INFRASTRUCTURE ELEMENT PART OF THE URBAN SYSTEM

Posted on August 4, 2018 by martabuges



Categories: [EM2N](#), [FULL](#), [Middle Density](#), [Project](#), [Territory and mobility](#), [Urban Paradigms](#)

Tags: [Built landscape](#), [Future Urban Legacy Lab](#), [Infrastructure](#), [Landscape](#), [Monument](#), [New paradigms](#), [Project](#), [Refurbishment](#), [Switzerland](#), [Topography](#), [urban](#), [Urban infrastructure](#), [Urban Legacy](#), [Urban Paradigms](#), [Zurich](#)

urbanNext Lexicon

Refurbishment Viaduct Arches: Making an Infrastructure Element

Part of the Urban System

<https://urbannext.net/refurbishment-viaduct-arches/>

In this project we examine two essential questions: How can an infrastructure element that is a protected monument be programmed and made part of the urban system? In an era with an increasing amount of regulations (energy, hygiene, fire protection etc.) and greater demands for comfort, how can low-budget projects be carried out?



The viaduct is more than just a bridge. Like a mountain chain erected by human hand it appears in the town with a scale derived from the landscape and topography. The infrastructure element, originally used as a railway line, is to form a linear park that will be part of a culture, work and leisure mile. This reprogramming of the viaduct initiates two decisive urban impulses: a spatial barrier

ISSN : 2575-5374

urbanNext Lexicon

Refurbishment Viaduct Arches: Making an Infrastructure Element

Part of the Urban System

<https://urbannext.net/refurbishment-viaduct-arches/>

becomes a linking structure, and the outdoor spaces bordering it are upgraded.



ISSN : 2575-5374

urbanNext Lexicon

Refurbishment Viaduct Arches: Making an Infrastructure Element

Part of the Urban System

<https://urbannext.net/refurbishment-viaduct-arches/>



ISSN : 2575-5374

urbanNext Lexicon

Refurbishment Viaduct Arches: Making an Infrastructure Element

Part of the Urban System

<https://urbannext.net/refurbishment-viaduct-arches/>



The viaduct becomes a large-scale connecting machine and a linear building. We view this ambivalence as a fundamental quality and use it as the architectural leitmotiv to symbiotically connect the new uses with the viaduct structure. The characteristic Cyclopean masonry here forms the central atmospheric element. The new structures are deliberately restrained so as to emphasise the existing arches. In fitting-out the interiors the future users can choose from a kit of elements or design the spaces themselves.

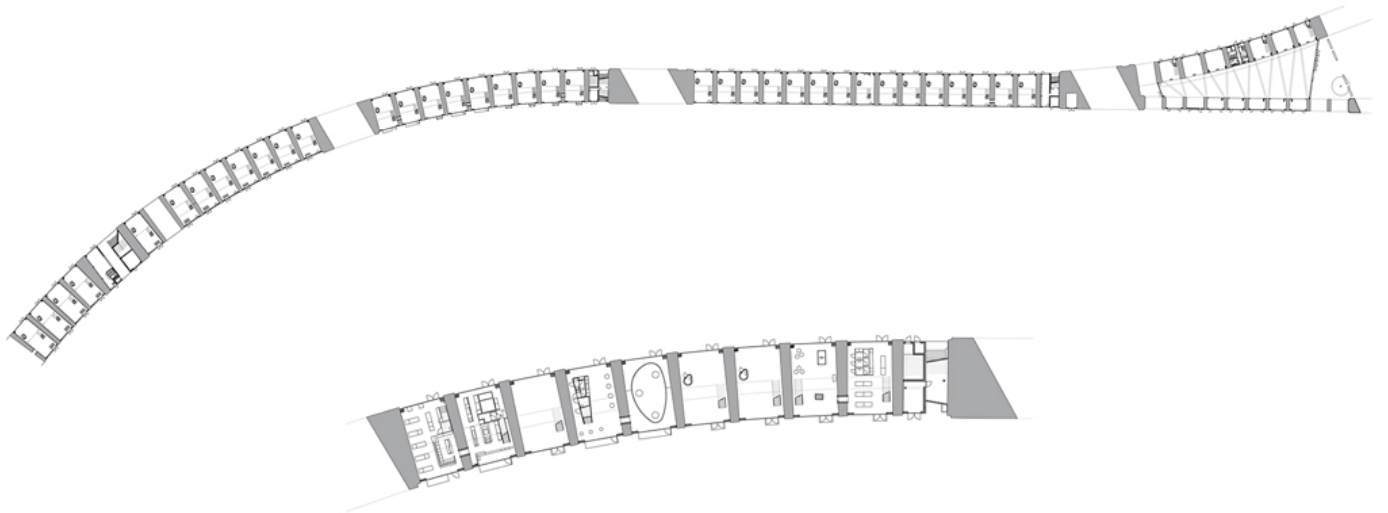
ISSN : 2575-5374

urbanNext Lexicon

Refurbishment Viaduct Arches: Making an Infrastructure Element

Part of the Urban System

<https://urbannext.net/refurbishment-viaduct-arches/>



ISSN : 2575-5374

