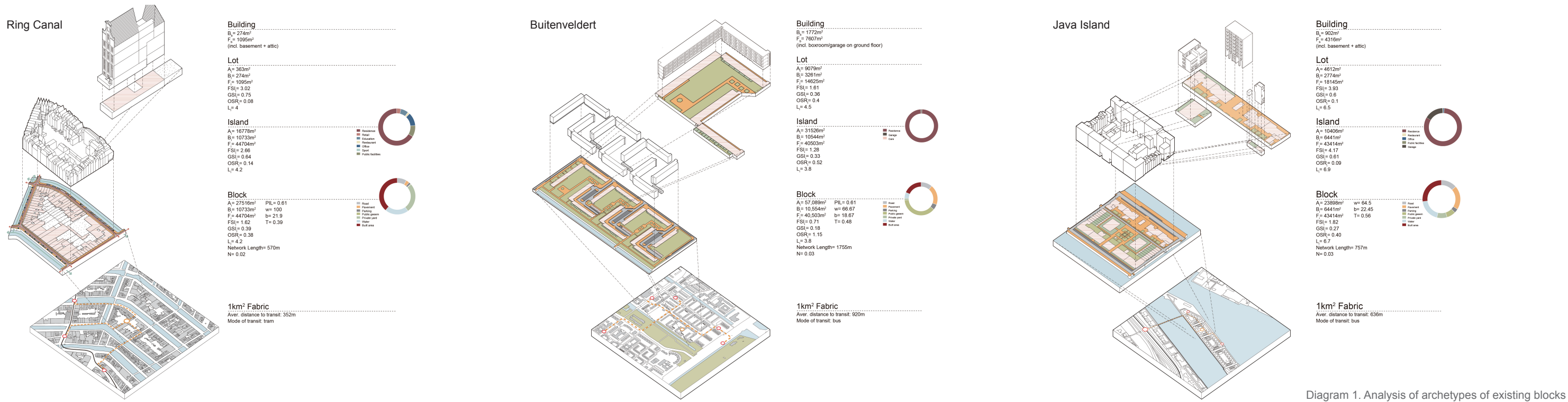


THE FUTURE OF URBAN BLOCK: SPATIAL PROPERTY, CAPACITY AND QUALITY OF LIFE

A Study on Densification and Livability towards The Coming Era of Automated Mobility in Amsterdam

As a foreseeable trend, the automated mobility could completely change the way we travel in the coming future (Soteropoulos et al., 2019). It draws out a question to urbanists: is the application of the new technological innovation an urgency in our agenda, or the utilization of it for other urban issues should be. It depends on our attitudes. As urbanists, should we follow the new technology, to accommodate it, or tell it what we want, to guide it in practices? This project is based on the latter one. Like many other mega cities over the world, Amsterdam is also facing to the explosive of urban population. The following socio-economic and spatial pressures on the built environment like densification and concerns of livability are all the urgencies that we should put in the agenda of future urban development. Especially the present common forms of urban block are at the point of collapse due to its limited spatial capacity and performance on livability. What automated mobility can do? What kinds of forms and programs of urban block should be created with respect to the demands of higher density and better quality of life? This project aims at answering these questions by a series of design proposals of prototypes of future blocks.

