

Graduation Plan

Master of Science Architecture, Urbanism & Building Sciences



Graduation Plan: Advanced Housing Design

Personal information	
Name	Jasper Koops
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Studio	
Name / Theme	Advanced Housing Design
Main mentor	Ir. Olv Klijn Architecture and the Build Environment, Form, Space & Type
Second mentor	Dr. Anne M. Kockelkorn Architecture and the Build Environment, Form, Space & Type
Argumentation of choice of the studio	With the current housing crisis and ongoing urbanization, the importance of good housing has increased. I am very interested in self-sustainability and designing for the community, wherein dwelling design will play a major role in my opinion.

Graduation project	
Title of the graduation project	Active prevention of social isolation: Using mixed-used housing projects to enhance collective activities for people who are socially isolated

Goal	
Location:	M4H, Rotterdam
The posed problem,	The recent social trends have changed the houses from large family homes to small single-dweller apartments. Although living alone does not necessarily mean that solo-dwellers are lonely, they are more at risk of social isolation which can result into loneliness. It has especially been mentally taxing for people that lack strong social skills and are less likely to approach other.
research questions and	'How can mixed-used housing projects enhance collective activities for people who are socially isolated?'
design assignment in which these result.	Designing a large mix-used project that combines dwelling and industry on a site in the M4H area in Rotterdam

Process

Method description

Starting with literature research into the knowledge already present that can be used as a basis for further research. After that there will be a focus on several Case-studies to get more knowledge about integrating industry with dwellings design and on setting-up and maintaining communal initiatives/activities. These case-studies are analyzed through observation in addition to blogs and articles written about the case-studies.

Literature and general practical preference

Literature:

- Czischke, Darinka, Carla J. Huisman: "Integration through collaborative housing? Dutch starters and refugees forming self-managing communities in Amsterdam," *Urban Planning* vol. 3, no. 4 (2018): 156–65.
- Poulsen, M. N., Neff, R. A., & Winch, P. J. (2017). The multifunctionality of urban farming: perceived benefits for neighbourhood improvement. *Local Environment*, 22(11), 1411-1427.
- Huang, Y. C. (2022). City Loneliness: A healing practice in Amsterdam.

Case-studies:

- Afrikanerplein, Amsterdam
- The New Farm, Den Hague

Practical experience:

- Modular Urban Farming Panel project
- Public building studio focused on bringing together neighborhoods

Reflection

1. What is the relation between your graduation (project) topic, the studio topic (if applicable), your master track (A,U,BT,LA,MBE), and your master programme (MSc AUBS)?

I did the Public Building Studio. The design did focus on bringing neighbourhoods together through the public building and community forming is an important topic for my graduation design.

2. What is the relevance of your graduation work in the larger social, professional and scientific framework.

A new form of living together/community forming by using the industry as a foundation. Reducing social isolation for people that lack strong social skills in the process. Setting a step forward to bringing the industry back to the city, creating more self-sustainability for cities and countries for the future.