

# Graduation Plan

Master of Science Architecture, Urbanism & Building Sciences

## Graduation Plan: All tracks

<b>Personal information</b>	
Name	Sjoerd Arjen Rijpkema
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<b>Studio</b>		
Name / Theme		Dutch Housing
Main mentor	T.W. Kupers Ir. P.S. van der Putt	Architecture and Dwelling Architecture and Dwelling
Second mentor	Ir. F. Adema	Architectural Engineering and Technology
Argumentation of choice of the studio	The Netherlands is faced with a massive task of creating a million new homes before 2030. This makes researching and experimenting to develop the Dutch Dwelling of the future essential and a useful tool for my future.	

<b>Graduation project</b>	
Title of the graduation project	A new standard for Urban Family Living

<b>Goal</b>	
Location:	Minervahaven, Amsterdam
The posed problem,	<p>The Netherlands is, according to Dutch minister Kajsa Ollongren, faced with a massive task of creating a million new homes before 2030. As the housing stock is increasing, as well is the call to densify the city in order to maintain surrounding green. This is also the case for Amsterdam. The Minervahaven is an old harbour within the ring of Amsterdam which is appointed by the municipality to be transformed into an highly urbanized area. When looked upon the composition of the inhabitant types of Amsterdam, we can recognize a trend. Young families are leaving the city, moving to outskirts and surrounding municipalities. There seems to be a mismatch, in an increasing amount families cannot find a dwelling or think that living in the city is not suitable for children. This is an undesirable trend, as children determine to a large extent the support of many facilities, make cities alive and maintain the cities culture.</p> <p>The one million new homes, to be built to a large extend in the bigger cities in high density, need amongst other things to accommodate these urban families and mitigate the exodus.</p>
research questions and	<p>Main question: In what suitable way can we house urban families in high density?</p> <p>Sub questions: What is a suitable family dwelling?</p>

	How can the transition be softened from dwelling to public street? Wat is a suitable neighbourhood for a family?
<b>design assignment in which these result.</b>	Create a suitable family dwelling complex incorporating amongst other things a smooth transition from private to public and different supportive facilities for families.

## **Process**

### **Method description**

The research is done by literature research and case studies. Based on these findings a project brief is created, this brief is the starting point of the design.

### **Literature and general practical preference**

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## **Reflection**

The graduation topic fits well within the studio topic: between standard and ideals – Havenstad Amsterdam. The focus lies upon the one million homes that needs to be created before 2030. For family dwellings, a new standard needs to be developed in order to maintain this group for the city, this graduation project tries to answer this. In a larger scientific framework it can be said that this topic combines research of densifying cities and research about high-rise to families, especially urban families.