

Graduation Plan

Master of Science Architecture, Urbanism & Building Sciences



Graduation Plan: Advanced Housing Design

Personal information	
Name	Hannah Griffioen
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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	The questions about available housing and their affordability is something that are topics that I personally worry about. With people around me looking for homes and seeing older people stay in their now oversized homes is a discrepancy that I suppose is a solution to. I chose this studio the be able to discover some solutions to these problems. This studio focusses also more on the inclusion and with my personal interest in designing homes where people can age in place the inclusion topic was one that really matched.

Graduation project	
Title of the graduation project	Designing for the grey years: Designing age friendly housing for young retirees.
Goal	
Location:	M4H, Rotterdam
The posed problem,	There has been a housing shortage in the Netherlands for a long time. The natural flow of houses has been stunted for a long time. Also the society is growing older and the elderly are living longer. With the closing of the care homes the elderly stay in their homes and halt the natural flow of the houses. In this research there will be looked into the possibility to design appropriate housing for young retirees. The design does not focus on the elderly, since these people are not prepared to move. Only if they have to because of health issues. So, by designing for a target group below these elderly, the hope is to get people to move to a new home that is appropriate for them to grow old in, instead of trying to convince elderly that don't want to move, to move.

research questions and	<p>The research question that is posed to come to solutions for these types of housing is: "How to create architectural spaces that would benefit the interaction between young retirees and motivate them to move?"</p> <p>The sub questions to answer this are:</p> <ul style="list-style-type: none"> - Who are the young retirees? - Are they willing to move? - What risks are in their future? - What kind of houses are the young retirees looking for? - What can the retirees do with their new free time? - How have buildings been designed to allow people to grow old?
design assignment in which these result.	<p>The design brief from the studio is to design a plan where housing and industry are combined in the old M4H harbor in Rotterdam. My personal brief that comes with the studio brief is that the housing should allow for people to age in place and have communal functions within the building that will help with building op social contacts within the building.</p>

Process

Method description

To find the answers to the questions literature studies, interviews and case studies have been used. The case studies featured in this research are the Vindmøllenbakken in Stavanger Norway and the OCMW Nevele in Belgium.

Literature and general practical preference

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Reflection

The designing for the young retirees is a different type of target group and one that is willing to live in a more communal way. This lets us explore a new type of housing that is not standard in the Netherlands yet.

As mentioned in the problem statement, there is not much available housing for people that are thinking of moving around the time that they retire. It is a topic that is very current. So, by researching what makes these people want to move and what kinds of apartments they can move to can help open the housing flow again. The design will show a solution to create housing where people can grow old, but not have the stigma of living in a care home.