

Graduation Plan

Master of Science Architecture, Urbanism & Building Sciences



Graduation Plan: All tracks

Submit your Graduation Plan to the Board of Examiners (Examencommissie-BK@tudelft.nl), Mentors, and Delegate of the Board of Examiners one week before P2 at the latest.

The graduation plan consists of at least the following data/segments:

Personal information	
Name	Lizanne Maat
Student number	4671775

Studio		
Name / Theme	De Veldacademie: Resilient Rotterdam	
Main mentor	Ir. J.A. (Jacques) Vink	Architecture and the Built Environment
Second mentor	Ir. F.R. Schnater	Architectural Engineering and Technology
Argumentation of choice of the studio	I chose the Veldacademie for my graduation studio because it provides a hands-on approach to researching Rotterdam's neighborhoods. I aspire to be an architect directly connecting with users, steering away from a top-down approach. My interest in addressing social and societal issues aligns with the Veldacademie's community-focused ethos. Being physically immersed in my research subject allows me to understand urban dynamics from a ground-up perspective. This community-centric approach resonates with my academic goals and offers a practical opportunity to contribute to improving local spaces.	

Graduation project	
Title of the graduation project	Breaking the Cycle: Innovative Residential Solutions for Home-Seeking Youth in Rotterdam
Goal	
Location:	Katendrecht, east side head of Kaappark
The posed problem,	Homeless youth fall between two stools because they are not entitled to homeless shelters (because of a lack of care need), but they often cannot fall back on their social/family network either. This starts the rollercoaster of couch-sleeping which brings psychological problems and causes young people to drift towards homelessness at a sensitive age. This can cause (health) problems to accumulate.
research questions and	<p>How can a residential building facilitate the physical, social, and mental needs of home-seeking youth?</p> <p>Sub-questions</p> <ol style="list-style-type: none"> 1. What characterizes the social support accessible to youth seeking a stable home? 2. What are the social, physical, and mental needs of home-seeking youth to become self-reliant? 3. What kind of housing concept would be most beneficial for home-seeking youth?
design assignment in which these results.	Design a form of collective housing in Katendrecht where home-seeking youth can form a safe home where they can work on the five pillars of self-reliance.

Process

Method description

3.0 methodology

To investigate the needs of home-seeking youth, several methods will be used. To answer the question “What are the physical, social, and mental needs of home-seeking youth?” interviews, workshops, and case studies will be done. The knowledge attained from field research will be strengthened by literature research.

3.1 support system for home seeking youth

First, Research will be done on what kind of housing system this youth is trapped in. To understand the causes and solutions for this target group, it is important to know what they must go through to get proper housing and find the pitfalls in the system. This will be done by researching the governmental and municipal policies and an **interview** will be done with the municipality to get a better understanding of how the policies are applied. Next to that, **Personas** will be created, and the target group will be further explained.

3.2 Needs of home-seeking youth

Interviews will be held with professionals who encounter the target group. An **Interview** is done with a homeless youth shelter for youth with age 18-23. Next to that: a **workshop** is done with youth in Rotterdam, to find out what youth needs surrounding the building and what housing preferences they have. This research will be strengthened by **literature** research to create more knowledge about the different needs of home-seeking youth.

3.3 Desired Housing Concept

To answer the last question “What kind of housing typology would be most beneficial for home-seeking youth?” **interviews** and **case studies** will be done to find different housing concepts for home-seeking youth.

Literature and general practical references

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Reflection

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

In this research, I aim to explore the integration of housing solutions and architectural guidelines for home-seeking youth. The objective is to address their needs effectively, preventing the accumulation of (health) problems and contributing to the overall resilience of Rotterdam as is the goal of the studio. The study seeks to establish a practical connection between innovative housing solutions and architectural frameworks to create a more supportive environment for youth in search of stable homes.

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

This research is crucial as it aims to directly impact the well-being of home-seeking youth in Rotterdam. By integrating housing solutions with tailored architectural guidelines, the study addresses the unique needs of this demographic, preventing (health) problems and enhancing community resilience. The practical connection between housing and architecture underscores the importance of holistic urban development, offering tangible solutions for creating sustainable and supportive communities.