

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	Roelof Bastiaan [Ronald] Vink
Student number	5889464

Studio	
Name / Theme	Advanced Housing Design
Main mentor	Klijn O.
Second mentor	Kuijlenburg R.
Argumentation of choice of the studio	I envision my future career as an architect in private villa construction. Over the past few years, I have been actively involved in this field and have seen many developments in housing design, particularly in technical aspects, facade design, floor plans, and client interactions. This process has moved at such a fast pace that I feel I may have skipped a foundational step — a foundation to understand how we cannot simply design based on current principles, but rather with the principles that the future offers us. These principles form the foundation of the studio: sustainable, gender equal, social, and affordable. What is my stance on these principles, and how do I ensure that designs are not only well-constructed but that the deeper layers in the design are also well thought out and clear? Ultimately, I want to use this studio to work towards a summarized goal: How do I ensure that I design a safe, comfortable, future-proof, and fitting home?

Graduation project

Title of the graduation project

To be conti – new - ed

Goal

Location:

The intersection between Oostgaag, Westgaag and Molenweg.
Midden-Delfland

The posed problem,

The challenging task of intervening in a complex polder- and architectural structure in a modern and appropriate way that aligns with a changing climate.

research questions and

In what way can Dutch vernacularity assist contemporary homecoming?

design assignment in which these result.

The design of a complex, with the historical rich context integrating, structure. This should consist of a:

- Urban plan which functions as the basis for the design of a variety of architectural dwellings.
- The architectural design that complements the urban setting, the history, and the modern way of living
- The intertwined principles of this studio

Process

Method description

The entire process is best described as a “research-by-design” approach. Though the act of designing, the questions that are crucial for executing the final design emerge. A design that is shaped by numerous iterations, over and over new research and insights.

The research part should be divided in 3 main parts, mainly chronological:

1. Pre-iconic

The identification of visual elements, simply by stating what is present.

The methods used in this part of the research are:

- Sitevisits and -analysis
- Historical map analysis
- Comparative research
- design as research

2. Iconic

Examines the meaning of the elements by looking at what they represent. Seeking for a meaning behind the gathered information.

The methods used in this part of the research are:

- Design as research
- Historical research
- Literature research

3. Iconological

Goes a step further and seeks to understand the deeper meaning of elements by placing them within a broader cultural, historical or social context.

The methods used in this part of the research are:

- Historical research
- Descriptive research
- Primary source study
- Trend analysis
- Scenario study

Literature and general practical references

My research is still all-over-the place. Therefore a nice overview of all the literature used and aimed to be used in the rest of the process is not yet possible to display.

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)?

The goal of my master's at TU Delft, in short, is to become a good architect. Specifically, as explained in my choice of studio, with a focus on villa architecture. This began for me in MSc 1, when I followed the 'Fundamentals of Housing Design' studio. I learned a great deal about reinterpreting housing designs in the city. However, what I felt was missing there was the space and freedom that designing within villa architecture offers.

This studio provides that space and opportunity within its setting. Midden-Delfland is the perfect place for this. The theme of the studio, designing with a changing climate, is an indispensable aspect of villa architecture design. In the professional field, I see many requirements, desires, and possibilities that can only be expanded upon and better utilized.

When I look at the subject of my own project within the studio, it aligns seamlessly with the expectations I had at the start of the master's. Designing a complex set of dwellings in an open environment, while fitting within an existing complex 'foundation.' The connection with history, the present, and the future, I feel, adds a deeper layer and meaning to the design. And that is precisely what I have tried to explore and develop in the past period of this studio.

A project that not only aligns with this studio but for me is part of a whole with the goal: 'A strong foundation to build upon in the professional field.'

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

My research and design focus on intervention within a complex structure of the polders. The fact that there is ample research on complex structures in the urban setting, suggests that there is a point of tension. Yet it seems that the polders have not been considered in this context. Municipal documentation and my experience with the municipality of Midden Delfland reveals that numerous regulations exist for modern designs, plans, and implementations, but the history of the area is not a primary focus within.

The integration of new construction, which is a significant issue both now and in the future, will not bypass the polders. This makes it all more important to

develop an approach that acknowledges and works with the [historical] context of the polders.

From the first part of this studio, the conversation with local residents, it is clear that people are deeply concerned with the future of the area. The sensitivity required in this process is crucial for forming a vision based on qualitative grounds. The position I take as an architect should not be an defensive one, but rather a collaborative approach, working with society, the landscape, the context and history. This way of working is not only relevant for the preservation of Midden-Delfland but also in other polders.

