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	Bram de Graaf
Student number	5730252

Studio		
Name / Theme	Veldacademie	
Main mentor	Jacques Vink	Architecture
Second mentor	Frank Schnater	Architectural engineering and technology
Argumentation of choice of the studio	I'm interested in designs that work for the user therefore I wanted to have a studio that allowed for social, urban and architectural freedom. Veldacademie could provide that.	

Graduation project	
Title of the graduation project	Designing for social cohesion

Goal	
Location:	Carnisse
The posed problem,	Excessive anonymous space adversely affects social cohesion influencing health in a negative way.
research questions and	Main Question: How can the built environment facilitate social cohesion? Sub questions: 1. What is the role of anonymous public space in the absence of social cohesion? 2. What are the needs of residents when it comes to social cohesion?
design assignment in which these result.	
By designing a residential area in Carnisse that provides the opportunity for a clean, manageable, and safe public space, as well as the possibility of appropriation, a residential block is created. This residential block facilitates optimal social cohesion and minimal anonymity for residents, which has a positive impact on their health.	

Process
Method description

During the graduation process I will make use of the conclusions from fieldwork and literature research. Those will be the foundation of the design choices that will be made in the coming semester. While considering different variants I can also use the research to reflect on the original concept. The project will take shape through sketching, modeling and using CAD

Literature and general practical references

Blokland, T. (2009). *Oog voor elkaar: veiligheidsbeleving en sociale controle in de grote stad*. Amsterdam University Press.

Bosch, E., & Doff, W. (2010). Wijkweerbaarheid in Oss. *MO/Samenlevingsopbouw*. http://resolver.tudelft.nl/uuid:aa0b61ba-486a-4e7e-b474-f1996c96dcde

Van de Wal, H., Van Dorst, M., Vonk, E., Van Vugt, E., & Leuenberger, T. (2015). *Privacy Script: de invloed van architectuur op sociale interactie in woongebouwen* (1ste editie). Thoth.

Van Dorst, M. (2005). *Een duurzaam leefbare woonomgeving*. Eburon Uitgeverij B.V.

Veldacademie, Wouters, A. S., Trienekens, O., Van Thiel, Q., & Van der Linden, R. (2023). *Woningbouw als sociale katalysator: Een verkenning naar de ruimtelijke voorwaarden voor sociale cohesie*.

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 studio topic is 'Resilient Rotterdam'. By designing for more social cohesion in a deprived neighbourhood the resilience will ultimately increase. The connection with architecture lies in rethinking existing pre-war neighbourhoods and coming up with a typology that starts with the needs from the users.

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

By using Carnisse as a casestudie for designing for social cohesion I'm contributing to a relevant sociologic and architectural question in Rotterdam Zuid. The knowledge I am using from the Veldacademie other literary sources is enriched with insights directly from the practice of a social, fysical and safety deprived area. By coming up with changes in the urban and architectural layers of the neighbourhood I can contribute towards a more social coherent city. Also my research and design can be

used as a concept/way of thinking because anonymous spaces in cities is a general problem in more cities than only Rotterdam.