

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	Ana Olivia Poenariu	
Student number	6052088	
Studio		
Name / Theme	Urban Architecture	
Main mentor	Sam Stalker	Design Tutor
Second mentor	Eireen Schreurs	Research Tutor
Third mentor	Anèt Meijer	Building Technology Tutor
Argumentation of choice of the studio	This studio offers many perspectives on how to work on an architectural project starting from an urban scale. I chose this studio because I will benefit from the setup of how research and design are intertwined and I appreciate that we can propose our own brief and architectural intervention.	
Graduation project		
Title of the graduation project	Patchwork of transition spaces	
Goal		
Location:	Antwerp, Hoboken	
The posed problem,	The construction of the industrial site in Hoboken has taken over many houses and private places. After the industry was shut down, the residents have been living next to abandoned halls. In recent years, a community of artists has taken over some of the deserted halls.	
research questions and	How to create a connection between the inhabitants and the new proposed living spaces? How to transform an abandoned industrial site into a livable space? How to represent the inhabited and vacant spaces though drawing?	
design assignment in which these result.	Housing complex focused on shared spaces and restoration of an industrial building with ateliers for artists	

With the fast digitalization of our world, drawing is a tool that is used less and less among architects. I think it can have a strong influence on how we understand the context of a project and on how we design and think on paper. Through my graduation project I want to focus on the connections that we, as architects, create between different spaces, but also on the traces of history that some buildings reveal and how do we connect to the past when designing something new. I also want to focus on the community of artists that has appropriated some of the spaces and how to connect this community to the other inhabitants. The transition spaces in between will be an opportunity to create a sense of community and belonging through shared commons.

Process

Method description

Drawing will be the main research tool that will be utilized. Drawing architecture is an exploration into the urban realm and a gateway towards understanding the context. Text description and photographs will also be used to conduct research on site. Connections should be understood as an umbrella term that refer to both connections in space and connections in time. Connections in space can relate to different scales, starting from an urban scale to the scale of detailing material connections. When talking about time, connections can represent the historical value of a building. Through this concept, the use of a building can be investigated in different periods of time.

Literature and general practical references

Thomas, Helen. 2018. Drawing Architecture. London: Phaidon Press Limited

This book presents inspirational drawings from all times. It showcases the variety of techniques, concepts and personalities of authors that transcend through drawings. It is very useful especially for the description of each drawing which helps me understand the ambitions of the drawings and the techniques used.

Flores, Ricardo, Eva Prats, and Fabrizio Gallanti. 2023. Drawing without Erasing and Other Essays. Edited by Moisés Puente. Köln: 2G Essays, Verlag der Buchhandlung Walther und Franz König.

Flores & Prats believe in the capacity of drawing by hand to generate multiple and complex strata of knowledge about a space or a place, so they use it to guide the successive steps in their design process. These essays have captured my interest because they address a lot of the topics that could answer my questions: communicating by hand, choosing the right tools, constructing a drawing.

Campbell, Hugh. 2020. Space Framed : Photography, Architecture and the Social Landscape. London: Lund Humphries.

This is a book about photography and how fine-art photographers frame constructed space. This could be a very good book that can answer my question about choosing viewpoints.

Bosman, Lex. 2023. The Creation of Space : And the Connection between Models and Drawings as Design Tools. Turnhout, Belgium: Brepols.

The essays in this volume address the problem of translating a three-dimensional space into a two-dimensional drawing. Both drawings and models are tools very often used by architects, but

sometimes it is not clear how the two go together to explain the design. I think it would help me to get a better understanding of how we use different tools to represent the creation of space.

<https://drawingmatter.org/>

Drawing matter is a repository of new and historical writing on architecture and drawing. It explores the role of drawing in architectural thought and the Drawing Matter Collection houses many thousands architectural drawings assembled over the past 25 years.

<https://divisare.com/>

Divisare is an online archive of contemporary architecture. It is the result of a careful selection and classification of projects over the last 20 years. It has many sections of interest, including 'architects' notebooks', 'architectural drawings', 'architectural models', 'photo essays'.

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)?

My graduation topic is an exploration of connections into different scales, which I think fits very well with the topic of the studio. The result will be a complete design of an architectural project. The design will answer to the needs of the inhabitants, and it will be an integrated proposal for urban regeneration.

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

Within the larger social framework, my graduation project will aim to offer an innovative solution for the regeneration of abandoned industrial areas. Despite the fact that new technologies do not require such large halls for production, the existing industrial buildings can last for centuries. Within the architectural profession, we should try to carefully design these places so that we reintegrate the urban life into such areas.