

# Graduation Plan

Master of Science Architecture, Urbanism & Building Sciences



## Graduation Plan: Architecture

Submit your Graduation Plan to the Board of Examiners ([Examencommissie-BK@tudelft.nl](mailto: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:

<b>Personal information</b>	
Name	Pieter Andreas van der Weele
Student number	5076048
<b>Studio</b>	
Name / Theme	Heritage and Architecture – Touch and Feel
Main mentor	Lidy Meijers Design Mentor
Second mentor	Wido Quist Research Mentor
Argumentation of choice of the studio	My fascination with old buildings (including 20 <sup>th</sup> century buildings)
<b>Graduation project</b>	
Title of the graduation project	Reuse of the V&D Department store in Leiden
<b>Goal</b>	
Location:	Aalmarkt 22, Leiden
The posed problem, research questions and design assignment in which these result.	Vacant department store, in need for a new destination.  Is the intricacy of the construction details and the craftsmanship of the facade related to the urban context of the building?  The new design will take Van der Laan's principles with regards to the detailing of the facades into consideration. The new design can consciously (depending on the architect's position towards heritage) follow or contrast these principles. The design decision need to be justified and based on research.
<b>Process</b>	
<b>Method description</b>	
The main methods used in the research up to this point were: Archival research of existing literature related to the V&D department stores	

Observation – analysis of the surrounding architectural context. This made it possible to draw comparisons between the buildings and the surrounding context, something that was crucial for the development of the research plan and the provision of answers leading to conclusions. As concluded from the research, it is very likely that certain materials were used in the facades to “imitate” the surrounding architecture.

## Literature and general practical preference

- Wattjes, G. J., *Constructie en Architectuur van Winkelpuijen*, (Amsterdam: Uitgevers Maatschappij Kosmos, 1926)
- Van Beekum, R., *Architect Jan Kuijt Wzn . 1BB4-1944 Bouwen voor Vroom & Dreesmann*, (Amsterdam: Cultuurhistorische Uitgeverij Stokerkade, 2018)
- Kuipers, M., De Jonge, W., *Designing from Heritage: Strategies for Conservation and Conversion*, (Delft: TU Delft - Heritage & Architecture [Fac. Architecture], 2017)
- Groot, M., *V&D Leiden: Een oud kleed past geen nieuwen mensch, elk jaartij heeft een eigen wensch*, Article in the book: *Leidsch Jaarboekje 1993*, (Leiden: Nautilus Leiden, 1993), pg. 129-154
- Coenen, J., *The Art of Blending*, (Delft: VSSD, 2006)
- Roos, J., *Discovering the Assignment: Redevelopment in Practice*, (Delft: VSSD, 2007)
- Kuipers, M., *The Architectural Memory*, (Delft: VSSD, 2010)
- Lucas, R., *Research Methods for Architecture*, (London: Laurence King Publishing, 2016)
- Berlage, H. P., *Hendrik Petrus Berlage Thoughts on Style 1886-1909*, Translated by Iain Boyd White and Wim de Wit, (Santa Monica: The Getty Center for History and Art, 1996)
- ICOMOS, *The Burra Charter: the Australia ICOMOS Charter for Places of Cultural Significance*, (Burwood Victoria: Australia ICOMOS Incorporated)
- Groat, L., Wang D., *Architectural Research Methods* (Hoboken, NJ: John Wiley & Sons, 2013)
- Van Bergeijk, H., *Buitenlands Bezoek aan Hilversum*, (Article in the book: *Het werk van Dudok: 100 jaar Betekenis*, pp. 48-51), (Delft: Delft Digital Press: 2015)
- Lerner, P., *The Consuming Temple: Jews, Department Stores, and the Consuming Revolution in Germany: 1880-1940*, (Ithaca, NY: Cornell University Press, 2015)
- Wiener, A., *Das Warenhaus: Kauf-, Geschäfts-, Büro-Haus* (Berlin: E. Wasmuth, 1912)
- De Standaard 68 (1939)*, “Een Nieuw Gebouw te Enschede”, (Amsterdam: H. de Hoogh en Co., 24 April, 1939), issue 20555, 68, pg. 4
- Van der Goes, B., *Familie Van der Laan Bouwde Leiden Vol*, Article in the Newspaper *Leidsch Dagblad*, (Leiden: Leidsch Dagblad, 24 June 2004), pg. 4
- Remery, M., *Katholieke Architectuur in de Twintigste Eeuw: De Vier Architecten van de Leidse Familie Van der Laan*, (Hilversum: Uitgeverij Verloren, 2018)

## Reflection

1. My graduation topic is about the research of materials in the façade of heritage buildings. This is part of the research conducted in the heritage and architecture studio, which looks at heritage buildings from many perspectives in different scales. This includes the urban context of the building, the building as an architectural object, and the construction details/materiality. The heritage and architecture studio is one of the graduation studios in the Architecture MSc tracks of the Faculty of Architecture and the Built Environment of the TU Delft. Conservation and adaptive re-use are very important in the field of architecture. Now that many buildings in our urban landscapes like department stores are becoming vacant, there is a call for transformation of these buildings so they can be useful for new uses. Adaptation is more sustainable than demolition and new construction in an environmental, social and economic manner.
2. I believe that it is very crucial that architects don't only value construction materials in relation to their physical state (use value, new-ness value etc.). They should instead try to look at the design principles and stories behind the use of certain materials as well as the way these are assembled. This is what I emphasize upon in my research. If architects can see the intangible behind the materials, they can value materials that without the proper research could seem unimportant. If these materials are conserved in the redesign phase of the building, next generations will get the chance to see the design principles and goals of the original architect, which are many times found in the construction details and materials. The adoption of these principles by the heritage architect can lead to calculated and theoretically consistent re-use projects.