A. GRADUATION PLAN

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	Max van Steen
Student number	4359712

Studio		
Name / Theme	Public Building Graduation Studio 2020-21 THE NEW MUSEUM | Art + the City Re-Wired	
Main mentor	Henk Bultstra	Architectural Design
Second mentor	Florian Eckardt	Building Technology
Third mentor	Sang Lee	Theory Research
Delegate of the Board of Examinators	Saskia de Wit	Landscape architecture
Argumentation of choice of the studio	The chair of Public building has always intrigued me and it did even more after doing the Msc1 and Msc2 studios of PB. The assignment of designing a museum sounded like an interesting graduation subject. The museum can be seen as the ultimate form of the public building and a typology which has been executed much by the large architectural firms. A lot of inspiration can be drawn from this, but it also gives the chance to (party) reinvent the existing typology.	

Graduation project	
Title of the graduation project	Regenerating for the local - *A research for the design of a multifunctional urban waterfront with cultural functions*
Goal	
Location:	Maashaven Zuidzijde, Tarwerwijk, Rotterdam, The Netherlands
The posed problem,	There is a strong cultural division between the North and South of Rotterdam what leads into the fewer access to culture and lower demand for culture in the South of Rotterdam. Knowing this, the redevelopment of an underused unconnected waterfront in the South of Rotterdam into a cultural area can lead to unwanted social effects, like no social and cultural connection to the neighborhood and by this it could lead to gentrification.
research questions and	The main question is: How can the regeneration of a waterfront into a cultural area add social and cultural value to the Tarwewijk and Rotterdam South? The research that follows from the main question focusses on three hypothetic parts of the solution. The first one is multifunctionality. This subject will be researched through the

	questions: What does multifunctionality entail? How can multifunctionality benefit the cultural area? How can multifunctionality be beneficial to the neighborhood? And how do multifunctionality and multiculturality relate to each other? The second subject is identity. The sub questions for this are: What creates this identity? How can identity benefit the museum? How can identity be beneficial the neighborhood? The last subject is connection. In this part there will be focus on How can tangible and intangible connections can be established between the site and the neighborhood with as main goal to integrate the waterfront development with the neighborhood.
design assignment in which these result.	The ultimate goal of the design is to create a cultural area which adds value for the everyday life of the people of Rotterdam Zuid. The three themes described in the previous question are the potential means to reach this goal. The design aims to connect low culture with high culture. By this it will try to narrow the cultural division between Rotterdam Zuid and Rotterdam Noord. It will do that by focusing on the themes multifunctionality, identity and connection and dealing with the design challenges that come with those themes.

Process

Method description

For every of the three subjects firstly there will be done a literature research to theorize the subject and get a grip on the main principles of the subject matter. I will research what others have done in the field of multifunctionality, identity and connection and from there I will try to come up with my own hypothesis about these subjects. After that case studies will be conducted where the aspects of multifunctionality, identity and connection will be analyzed. After that site specific research will be done to form a conclusion about the information that is gained from the literature and the case studies.

Literature and general practical preference

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Dovey, K. (2009). Becoming Places: Urbanism / Architecture / Identity / Power https://doi.org/10.4324/9780203875001

Eijnsbergen, D. van. (2009). Tokyo : multi use projects (dissertation). Arko.

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Hein C. Port (2016) Cities and Urban Waterfronts: How localized planning ignores water as a connector. WIREs Water. 3:419–38.

Lees, L. (2012). The geography of gentrification: Thinking through comparative urbanism. Progress in Human Geography, 36(2), 155–171. https://doi.org/10.1177/0309132511412998

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Peng, J., Strijker, D., & Wu, Q. (2020). Place Identity: How Far Have We Come in Exploring Its Meanings?. Frontiers in psychology, 11, 294. https://doi.org/10.3389/fpsyg.2020.00294v

Per Aurora Fernández, Mozas, J., & Arpa, J. (2014). This is hybrid : an analysis of mixed-use buildings. a t architecture.

Torabi, Z. & Brahman, S.. (2013). Effective factors in shaping the identity of architecture. 15. 106-113. 10.5829/idosi.mejsr.2013.15.1.2357.

Trancik, R. (1986). Finding lost space: Theories of urban design. New York: Van Nostrand Reinhold. https://elibraryarchitecture.files.wordpress.com/2015/03/finding-lost-space.pdf

Zivkovic, Jelena & Lalović, Ksenija & Milojevic, Milica & Nikezic, Ana. (2019). Multifunctional public open spaces for sustainable cities: Concept and application. Facta universitatis – series: Architecture and Civil Engineering. 17. 205-219. 10.2298/FUACE190327012Z.

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

1. The main element that connects my graduation project with the studio of Public building and is that is it focused on people. In all of the subjects of multifunctionality, identity and connection people are the root of the subject. Where the chair of Public Building focusses on design for everyone (the public), my research and design does the same thing by researching the subjects that make a better city for everyone. The research can be related to the track Architecture and the track Urbanisation but the three subjects of multifunctionality, identity and connection will be implemented on an architectural detailed level.

2. In this research and design I want to redefine the way cultural area's and museums are looked upon to make them more attractive to a wider audience that normally wouldn't visit a cultural area or museum. It aims to create an alternative to the classic typology of the museum. The research and design try to show that a museum or cultural area can also function in a more social and inclusive way. This case can then be an example for future projects.