Graduation Plan

Master of Science Architecture, Urbanism & Building Sciences
Graduation Plan: All tracks

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<tr>
<td>Name</td>
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<td>Student number</td>
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and living environment, they see sharing as the new way of owning and sustainability is part of their lifestyle. Micro apartments with amenities for this target group is a solution which I want to research and design in this graduation project.

| research questions | 1. Which solutions can be used to keep the rent low, but keep the living comfort high?  
2. Which types of micro apartments and which smart solutions can be distinguished?  
3. What do the new urbanites need in their apartments or in the building and is simultaneously a valuable contribution to the city? |
|---|---|

| design assignment in which these result | The main topic for the building is affordable micro apartments. The building will also hold different amenities which the residents share or which are shared with the rest of the city. |

**Process**

**Method description**
The research will be done by analyzing existing micro apartments. This is a quantitative study. Case studies are used to explore micro apartments and their amenities. Next to these case studies, a comparable literature research will be done. Several articles and magazines are read about micro apartments and the target group of the building, the new urbanites.

**Literature and general practical preference**


Neufert E., Neufert P. (2002). *Neufert*. Chichester, UK: John Wiley And Sons Ltd
The location of this graduation project is on the west side of the city centre of Amsterdam. In this area, a lot of households (68%) consists of one person. The average home occupation is 1.5 persons per household. By looking at the age of these persons, 26-29 years is most present (±2.300 people, 12%) and 30-34 years is second most present (±2.100 people, 11%) (Janssen M, 2003).

A part of this group is called the new urbanites. The municipality of Amsterdam explains them as follow: ‘Persons of Dutch- or other Western origin (excluding Eastern Europe) who come from outside Amsterdam and were 18 years or older when they moved to Amsterdam and are not older than 55 years’. This is a growing group of residents in Amsterdam. In the area around the project, the group is more as 40 percent of the population (Janssen M, 2003).

By looking at the current housing market in Amsterdam, it has a tropical climate. The housing prices are exploding, the costs of an average apartment in the city 303.000 euro\(^2\). In the popular parts of Amsterdam, an apartment of 75 to 100 square meters will cost as soon more than 2,100 euros per month\(^3\). The city is searching for affordable housing in the inner city, because a diverse range of target groups keeps the city vital.

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Time planning

First 10 weeks

Week 1: Architectural design
- urban plan
- apartments
- amenities
- facade

Week 2: Research
- Literature
- Case study
- Site visit

Week 3: Technical design
- Construction
- Climate
- Material

Week 4: Presentation
- Model
- Posters
- Presentation

Week 5: Architectural design

Week 6: Research

Week 7: Technical design

Week 8: Presentation

Week 9: Architectural design

Week 10(P3): Research

Second 10 weeks

Week 1: Architectural design

Week 2: Research

Week 3: Technical design

Week 4: Presentation

Week 5: Architectural design

Week 6: Research

Week 7: Technical design

Week 8: Presentation

Week 9: Architectural design

Week 10(P5): Research

Legend:
- Dark green = deadline
- Light green = working on it
- Grey = re-evaluate components