PERSONAL INFORMATION

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STUDIO

theme: Chicago, South Chicago - South Works
teachers: Kees Kaan, Mitesh Dixit, Olindo Caso
argumentation of choice of the studio: The studio offers the chance to develop my own knowledge and ideas

TITLE

title of the graduation project: Education Engine: Chicago South Works recycles knowledge

PRODUCT

Problem Statement:
The location of the project is situated next to the Lake Michigan in the area of South Chicago, which belonged to the former steel industrial zone, South Works. After hundreds of years the steel fabric closed their doors and disappeared from the location. When this happened most of the workers were unemployed. From that moment the South Chicago fell behind and the criminality grew. The combination of this crime, unemployment and poorly educated citizens, gives the neighborhood and the city a bad image.
The extension of the Lake Shore Drive creates the opportunity for the South Chicago and the South Works for new developments.

Research Question:
How to design a educational facility that can contribute by the revitalization of the South Chicago?

Sub-Questions:
What kind of qualities does South Chicago already have?
What is needed to improve the community life?
What kind of education is needed?
How to connect neighborhood and the educational facility?

GOAL

The goal is to design an educational facility that can help by revitalization of the neighborhood and their citizens, and with that improve the quality and image of the South Chicago.
The research will be based on three main research methods: theoretical, morphological and typological.

The theoretical research will give more insight in the development of urban planning in the cities. It also gives a perspective of integration of buildings and communities in the urban plan.

The morphological research is based on the case studies that are going to be projected on the location, South Works. This method will give insight in the scale and the program in relation to the location.

Finally a typological research will be more focused on building typologies and integration of the building at the location in the urban plan.

Combining the above mentioned research methods, and the location analysis, will result in a program requirement for urban plan and the building.

**Literature and general practical preference**

**Literature**


**Websites**

- http://www.chicagorecycling.org/index.htm
- http://www.constructiondigital.com/brochures/10615
- http://www.sustainable-chicago.com/archive/
REFLECTION

Relevance

Time planning

MSc 4 February - June 2014

week 3.1
Evaluation of design and research; definition of additional studies

week 3.2-3.6
Development of design, in relation to:
- volumetric studies, typology and other programmes
- plus materialisation, structure and climate design parallel additional research specific to the design
Extra consults for structure climate design etc. with experts

week 3.7-3.8
**P3 PRESENTATION**, first complete design presentation

week 3.9-4.3
Focus on elaboration of design, esp. building typology, interior and facade design with regard to materialisation, structure and climate design

week 4.4-4.5
**P4 PRESENTATION**, definitive design presentation
All aspects of the graduation project need to be finished, and communicated by way of drawings and models, plus report if applicable, identification of minor aspects to be elaborated for the ultimate P5 presentations
Deadline reflection

week 4.6-4.9
P5 PREPARATIONS

week 4.10-4.11
**P5 PRESENTATION**, conclusive public presentation of graduation project