Illinois
OBSERVATIONS
Chicago remains one of the most economically, socially, and physically segregated cities in the United States.
Typical block in south Chicago is rectangle 90 meters by 180 meters. The block is divided into the narrow lots which were created by the developer back in 19th century. A small alley runs lengthwise down the middle of the block enabling back access to the properties. Blocks used to be completely homogeneous and filled with workers cottages. During the time, cottages were enlarged and rebuilt. Today in south Chicago we can find two typologies: single family house which is similar to 18th century workers cottage and multi-family house which is enlarged cottage containing 2-4 living units. Moreover, there are back-houses along alleys that mostly serve as garages and storage spaces but some of them are turned into additional living space.

Big parts of the South are composed of monofunctional neighbourhoods.

35% multi-family housing
60% single family housing
5% non residential
SITE ANALYSIS
View of the Chicago skyline from the north side of the site
POSITION
As a response to segregation, the new development needs to be \textbf{Integrated} into the existing neighbourhood.

To make the new development of South Works sustainable, the adjacent neighbourhood needs to be improved alongside with the new development. To make this happened, They will need to \textbf{function as ONE}.
Attract a variety of ethnicity's
Inclusion
Permanence
Flexibility
Create job opportunities
Mixed use
Foster a sense of pride
Change
URBAN STRATEGY
Holistic city

Adding a diversity of now **missing functions** and providing a **better connection** with the rest of the city
Holistic city
(Holistic city)
(South Works)
Conditions

Housing
Holistic city
Public transport
Conditions
(South Works)

P5 04 07 2014
Holistic city
Health Conditions
(South Works)
P5 04 07 2014
Micro districts based on the holistic approach ensure programmatic diversity and add identity on a smaller scale.
Program of new development

- 25% Residential Program
- 4% Cultural Program
- 43% Commercial Program
- 9% Institutional
- 15% Leisure
- 4% Industry

Projects:
- CONCERT VENUE
- VENUE
- CTA & BUS STATION
- VOCATIONAL SCHOOL
- SPORT CENTER
- FOOD MARKET
- ART DISTRICT
- NEW MEDIA PLATFORM
- TECH CAMPUS
- OBAMA LIBRARY
- MUSEUM
- SPORT CENTER
- FOOD MARKET
- ART DISTRICT
- NEW MEDIA PLATFORM
- TECH CAMPUS
- OBAMA LIBRARY
- MUSEUM
Proposed intervention
Neighbourhood amenities &
Drivers for new development
Proposed intervention
Neighbourhood amenities & Drivers for new development

Amenities & Drivers are central points in these districts. Each district supports at least one of them, some both.
Food market

The in- and outdoor market is introduced to improve the now lacking access to healthy products and therefore placed within the neighbourhood.

Sport area

A low access sport area will contribute to a healthier lifestyle and will include all ready more popular features like the Velodrome.
Providing affordable **vocational** training, continuing education, and a first step towards higher education, the community college gives residents the tools to succeed. Students stimulate the local economy.

**Vocational school**

The CTA (red line) is extended to the site to provide a better connection to Chicago city, thereby providing better **accessibility** to a larger public and **extending the reach** of the neighborhood.

**Public transport**
concert venue

The concert venue works as an independent structure introducing this part of Chicago to a larger public, because it will be able to facilitate concert throughout the year despite the harsh climate.

Tech Campus

Google Chicago purchased Motorola Mobility and will move the Motorola headquarters into Chicago. Motorola teamed up with 3D systems to 3d print the interchangeable phone parts.
The spacial framework will be the backbone of the future development and therefore needs to contribute to the task of the Holistic city that was formulated out of the position...
The existing neighborhood is based on a strong grid pattern. On the edge of it, there are discontinuities in the grid which disconnects the neighborhood fabric from the south works area and Michigan lake.
The lakeshore is a very important element of the Chicago lifestyle.
Spacial system
Connect the existing neighbourhood to the waterfront with a pedestrian strip
Spacial system
The disconnects are reconnected and the grid will be extended to the waterfront. The grid supports the holistic approach by creating a strong physical connection merging the areas into one.
Spacial system
Spacial system
CONNECTOR
Connector
Proposed “anchor” elements Urban strategy

Proposed programme first development

Connector
Goal:
Providing better accessibility to a larger public and extending the reach of the neighbourhood

How:
Reliable transportation to and from site
Goal:
Motivate a healthy lifestyle, get people on the streets and relate to lake shore and the new park. Make public transport more accessible.

How:
Divy bike hub
Concert Venue

Goal:
Introduce this part of Chicago to the bigger public and give it identity

How:
The venue works as an independent structure
Goal: Reflecting the new mix of program and a diversity in people of the future development

How: Start-up companies, education, library and Tech
MEDIA PLATFORM
Program
Neighbourhood amenities & Drivers for new development

START-UP OFFICE SPACE
3500M2

MEDIA PLATFORM
1150M2

MEDIA LIBRARY
1000M2

EXPOSITION
800M2

COMMERCIAL SPACE
600M2

CONFERENCE SPACE / MULTI-PURPOSE AUDITORIUM
600M2

CAFE/RESTAURANT
500M2
Program
Neighbourhood amenities & Drivers for new development

Facilitate interaction

START-UP OFFICE SPACE
3500M²

MEDIA PLATFORM
1150M²

MEDIA LIBRARY
1000M²

EXPOSITION
800M²

COMMERCIAL SPACE
600M²

CONFERENCE SPACE / MULTI-PURPOSE AUDITORIUM
600M²

CAFE/RESTAURANT
500M²
START-UP OFFICE SPACE
3500M²

MEDIA PLATFORM
1150M²

MEDIA LIBRARY
1000M²

EXPOSITION
800M²

COMMERCIAL SPACE
600M²

CONFERENCE SPACE / MULTI-PURPOSE AUDITORIUM
600M²

CAFE/RESTAURANT
500M²
Building shape
Displacement of core
Displacement of core

CORE

VOID

FREE SPACE
Displacement of core

- Continuation public space
- Vertical interaction
- Reusability
- Climate
Continuation public space

Vertical interaction

Reusability

Climate
The building as framework for change
REUSE PROJECTS

Excess of space

Large flexible floor spaces

Ceiling height

Identity

Light quality
Large flexible floor spaces
Ceiling height

01

W +21.500

W +25.000

W +17.500

+7.500

+13.500

+17.500

+21.500

+25.500

+29.500

+33.500

+37.560

+37.746
Comfort without compromise

Hoogstaande flexibiliteit

• Koelen én verwarmen
• Hoge koude-/warmte-overdracht
• Gelijkmatige temperatuurverdeling
• Volledige toegankelijkheid tot plenum
• Volledige integratie van inbouwelementen
• Energiezuinig
• Onderhoudsvrij
• Flexibel in vormgeving
• Geluidsabsorberend
• Geluidsisolerend
• Brandveilig
• CE-gemarkeerd

AdeRo

Samenstelling van het AdeRo sandwichpaneel

Klimaatelementen hoeven niet losgekoppeld te worden

Eenvoudig montagesysteem d.m.v. snelkoppelingen

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Light quality
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TG Tri glazing