OBAMA PRESIDENTIAL LIBRARY

P5 Presentation
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Tutors:
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1. City of Chicago

2. Masterplan for South-Chicago

3. Obama Presidential Library
CHICAGO
Illinois

Cook County

City of Chicago

South-Chicago

$55,010

$52,539

$46,195

$34,001
Relative medium income of a family

- Illinois: $55,010
- Cook County: $52,539
- City of Chicago: $46,195
- South-Chicago: $34,001
How do trigger decentralized urban strategy for blighted areas in recession?
From strict phasing to opening the whole area
Developer → Proposal

Create opportunities for local community

Contribute to the local infrastructure/energy grid
Create opportunities for local community

Contribute to the local infrastructure/energy grid

Developer, negotiator between local initiatives, landowner and developers

Landowner and local initiatives
Changing the perception of South-Chicago
CONTEXT
chicago north side
chicago north side hotels
chicago north side apartments
chicago northside toyota

chicago south side
chicago south side crime
chicago south side shooting
chicago south side violence
Issues
Unemployment
High crime rate
Bad connectivity
No free time activity
Monofunctional suburb
Low education
No political power

Absent
Knowledge of participation and action on political level
Engagement in one’s own development
Obama as a role model
ABOUT THE FOUNDATION

The Barack Obama Foundation is tasked with planning the development of a Presidential Library that reflects President Obama’s values and priorities throughout his career in public service: expanding economic opportunity, inspiring an ethic of American citizenship, and promoting peace, justice, and dignity throughout the world. Additionally, the Foundation envisions a facility that, through its mission, initiatives, and physical and virtual presence, can become an anchor for economic development and cultivate a strong relationship with the library’s surrounding community.
PRESIDENTIAL LIBRARY
Presidential libraries are huge failures

An expert explains why Bush's national monument will likely degenerate into an empty, wasteful, gimmicky albatross

ANTHONY CLARK
- Rarely include public programs within it
  The exhibits tend to be vainglorious and outdating
  The buildings tend to be too large only for exhibiting and storing
  Built on private money and thereafter given to the government

+ Archive is the symbolic key for its existence
  Brings together researchers, visitors, locals and politicians
  Invites other facilities and initiatives to the area
  Strongly part of the American civic culture

Issues of presidential libraries
G.W.Bush - 9/11 “terror art”
D.W.Eisenhower’s tomb
1. Presidential library as an urban catalyst

2. Reduce excess program
   Bring together various users
   Design it for performance

3. Bring together formal and informal
URBAN STRATEGY
Private investors
Hotels, restaurants, offices, entertainment

+ Public park
Public amenities

Presidential Park
PROGRAM
I was a big believer then, and still am, that diplomacy can be very useful and profound.

George W. Bush
Presidential Library

- Archive
- Office
- Museum

Existing

-
Presidential Library

Obama Presidential Library

South-Chicago neighborhood

Existing Reworked

Archive

Open shelf

Office

Archive

Office

Office network

Museum
Presidential Library

Obama Presidential Library

South-Chicago neighborhood

Archive

Office

Museum

Library

Polyvalent space

Open shelf

ASE

Treasure hall

Curated spaces

Realtime exhibitions

Public library

Office network

Local initiatives

Open

Treasure

Curated

Realtime

Public

Existing

Reworked
Presidential library

Obama presidential library
+ South-Chicago neighborhood
Optional areas:
Permanent exhibit gallery
Temporary exhibit gallery
Exhibit production rooms
Orientation theater
Auditorium
Gift shop
Presidential Suite
Foundation offices
Food and catering service
G.W. Bush auditorium

T?W auditorium
G.W.Bush Iraq war simulation game

External curators i.e. Rotor
Random principle
Structure as organizer
Technical distribution
Lobby stack effect with heat exchange.
Fresh air distribution withing columns
Water collecting and grey water usage for underfloor heating
Pre-spun hollow columns d=300mm
Building as a framework for materials to be filled in
**Facade**
Insulation concrete
LC 8/9 [N/sqmmK]
450mm, U=0.59 [W/swmmK]

**Roof**
Low vegetation with
UV-res plastic coated insulated concrete
LC 8/9 [N/sqmm]
600mm, U=0.4 [N/sqmmK]

Prestressed downstand beam slabs

Load-bearing structure
High-strength concrete
C 80/90 [N/sqmm]
200x200mm

No insulation line
Normal-weight concrete

- Cement
- Water
- Sand
- Gravel

Insulated concrete

- Cement
- Water
- Expanded glass
- Expanded clay

Insulated slag concrete

- White pigment cement
- Water
- Expanded glass
- Expanded slag

Fine washed concrete detail

Insulated concrete
Insulated concrete

Patrick Gartmann - House in Chur
Thick Oak wooden frames

Double Glazing

Insulation pillow

Insulated concrete

White coated metal ceiling panels

Underfloor heating