Inclusive Interiorities

A focus on women; towards more inclusive designs
1. Managerial concept

2. Design
   a. Urban level
   b. Building level
   c. Unit level

3. References
1. Managerial concept
“An ability to control economic resources lends power to these women and provides them with credibility in negotiations and general decision-making in the house”

“People who provide support to each other [...] individuals join together to take actions towards overcoming obstacles and attaining social change, individual, and/or collective empowerment can result” 1
Helped by the NGO, the community chooses 10+ representative members of the Women Community Organization, also called Self-Help Group. The WCO and NGO discuss and evaluates the needs formulated by the community members: participatory approach.
2. This organization would act as a credit cooperative, being more reliable as a group, and supported by the NGO. The bank would allocate money, which would be distributed by the Community Organization to the individuals, under micro loans.
3. Which would be used for productive activities and setting up businesses which could be led by women, in order to become financially independent and to provide a 2nd income to the household. These micro loans allow for quick repayments, as activities or needs might evolve quickly.
Cooperation and discussions take place with the developer, in order to take into consideration the needs of the inhabitants. Involving the users in the design process will result in a sensitive design, in line with the desires of the inhabitants, which will create a sense of ownership and enhance commitment towards the built environment. The main goal is to integrate women in public life as both actors and decision makers.
5.
The WCO stands as an interface with institutions, while receiving the support of the NGO (skills training, rights’ education...). It provides a reliable core, a support network outside the families. The WCO becomes a platform for the community to share:
- responsibilities
- ideas
- problems
- access to monetary funds/ economic pressure
2. Design

Urban level
Adopting an accupunctural approach ensures the persistence of existing resources, networks and social bonds.
The study area is located in Nalasopara, a city 45km north of Mumbai.
The Baithi Chawls, a recurrent housing typology in Nalasopara
Chosen location for a slum redevelopment alternative
Improvement of the street network
Hierarchisation of the network
Existing urban axis
Massing
Public edges
Semi-public edges
Private lanes
Public squares
Public program
Semi-public open spaces
Communal open spaces
2. Design
Building level
Structural grid
Thresholds
Dwelling units
Dwelling typologies per income groups
Open spaces
Ground floor plan 1.200
Typical upper floor plan 1.200
Public program
Communal program
Home-based program
Gendering of the space throughout the day
Gendering of the space throughout the day
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Gendering of the space throughout the day
Water management
Climate section
Climate section
Shade
Structural system

Ceramic finish (crushed tiles from demolition)

Recycled concrete vault

Recycled bricks: demolished bricks + concrete mix

Recycled concrete beams

Ceramic flooring (crushed tiles from demolition)

Recycled concrete blocks in between recycled concrete beams

OPTIONAL ROOF:

Bamboo finish

Bamboo trusses

Recycled concrete beams
Floor system

1. (recycled) Concrete columns
   200x200 mm

2. Primary (recycled) concrete beams
   200x200 mm

3. Secondary (recycled) concrete beams
   20x200 mm

4. Flooring (recycled) concrete beams
   150x70 mm

5. (recycled) concrete blocks
   250x400x150 mm

6. Concrete slab
   50mm

7. Ceramic tiles (reused from demolished buildings)
   25mm
Public facade - 1.100
Intreior façade - 1.100
2. Design
Unit level
Typical floor plan - 1.100
Window details 1.20
Window details 1.20
Window details 1.20
Dwellings - Multifunctional space - Sleeping
Dwellings - Multifunctional space - Working/ Seling
3. References