A NEW "PRODUCTION + LIVING" HOUSING MODEL
FOR THE URBAN POOR IN ADDIS ABABA, ETHIOPIA

LIVING IN - BETWEEN

GLOBAL HOUSING STUDIO
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SITE EXISTING SITUATION
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Merkato: the most intense commercial center in Addis Ababa
An exceptional place in Merkato where the grid road system introduced by Italian during the colony period ends.
SITE EXISTING SITUATION
FUNCTIONAL ZONES

An existing "production+living" pattern in Addis with overlapping on the borders.
INDIVIDUAL PRODUCTION
1. on-plot income >> economic sustainable
2. production-selling chain >> social sustainable

COLLECTIVE PRODUCTION
1. each family scale production work independently
2. no strong connections between space and different production types

EXISTING PATTERN
The existing “production+living” pattern looks chaotic at the first glance, but what is the latent logic and the potential beneath it?
CHALLENGES
SITE CHALLENGES

1. the ringroad on the west side
SITE CHALLENGES

2. The big commercial centers on the north and east side.
SITE CHALLENGES

3. the condominium project on the south side
EXISTING SITUATION + CHALLENGES >>> OPPORTUNITY
OPPORTUNITY 1: CENTRAL PARK >>> SERVE FOR THE WHOLE CITY
OPPORTUNITY 2: REVISE THE RELATION OF "PRODUCTION+LIVING" >>>
ARTICULATE BOTH SIDES OF MERKATO
URBAN DESIGN HYPOTHESIS
URBAN DESIGN HYPOTHESIS

On the west side of the site is the existing "production+living" pattern and the closer to the site the more production activities would happen.
URBAN DESIGN HYPOTHESIS

The east side of the site is the place where becoming closer to the core of Merkato. So it mainly accommodates commercial activities.
URBAN DESIGN HYPOTHESIS

The border of the ground floor is designed to articulate both sides of the Merkato with several front commercial streets and back production alleys.
With the ground floor mainly functions as collective (for production) and public (for commerce) space, the residential volumes on the top realize a more private space.
The commercial streets always have a direct link with the surrounding roads which creates a continuity of the public space.
URBAN DESIGN HYPOTHESIS

LANDSCAPE CONTINUITY

A series of lifted platforms are designed to negotiate with the topography. The morphology of the platform is to encourage the continuity of the landscape from central to surrounding.
UNIQUE SPACE CREATED BY THE NEW TYPOLOGICAL FIGURE
FRONT SIDE: COMMERCIAL STREET
URBAN DESIGN HYPOTHESIS
FRONT SIDE: COMMERCIAL STREET
BACK SIDE: PRODUCTION ALLEY
CENTRAL CORE: URBAN PARK
A series of lifted platforms are designed to negotiate with the topography. The morphology of the platform is to encourage the continuity of the landscape from central to surrounding.
URBAN DESIGN HYPOTHESIS
LANDSCAPE CONTINUITY TOWARDS OUTSIDE: CITY
DIALOGUE WITH THE EXISTING FABRIC
ACCESSIBILITY
FACADE DESIGN
FACADE DESIGN CONCEPT

Solid & massive plinth for production and commercial space on the ground floor.

A in-between bamboo shading functions as a buffer and provides with penetratable space.

White residential box (made of concrete block with plaster) grows from the plinth.
FACADE DESIGN

production alley elevation

commercial street elevation

west elevation
THANK YOU !