

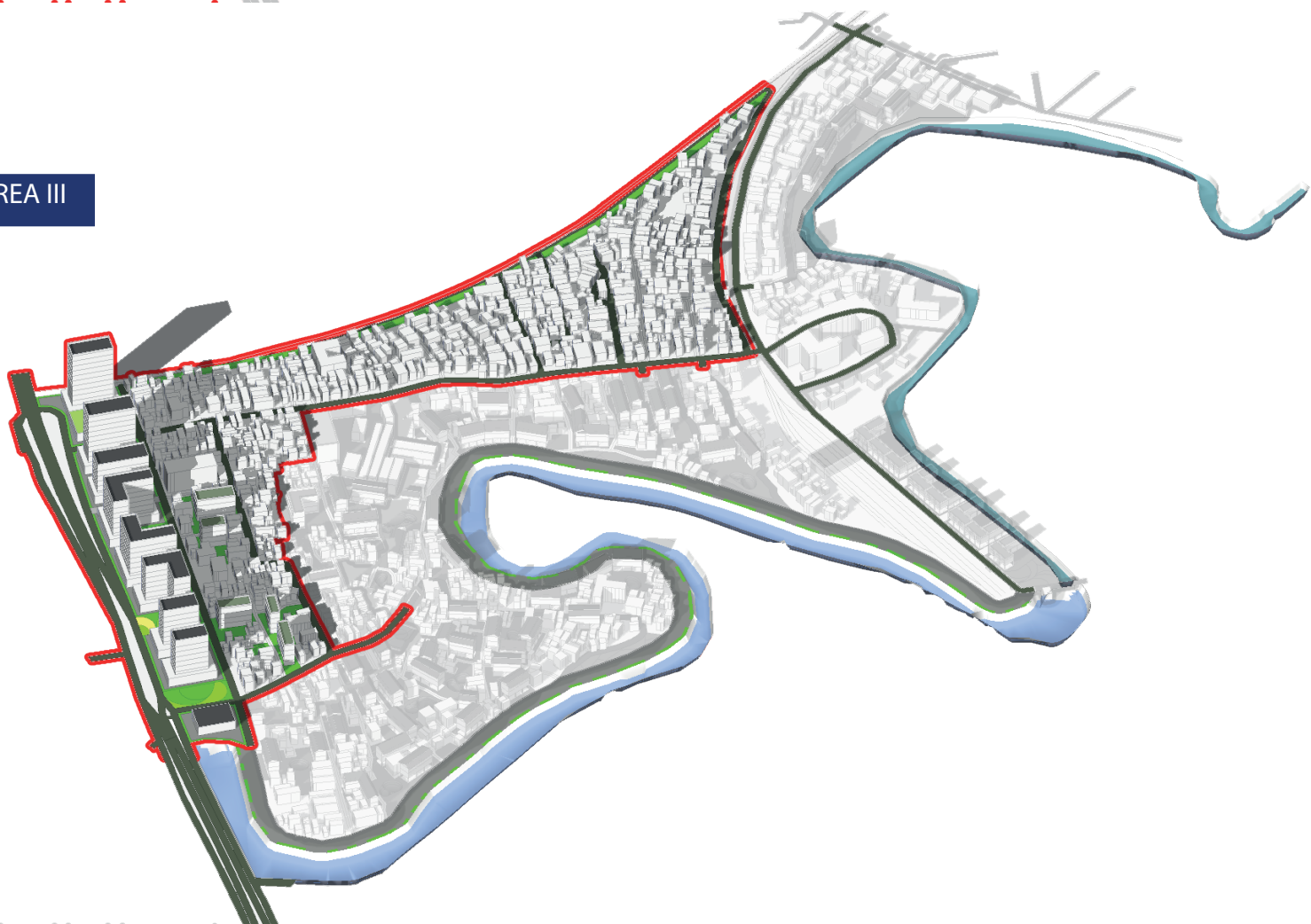
AREA I



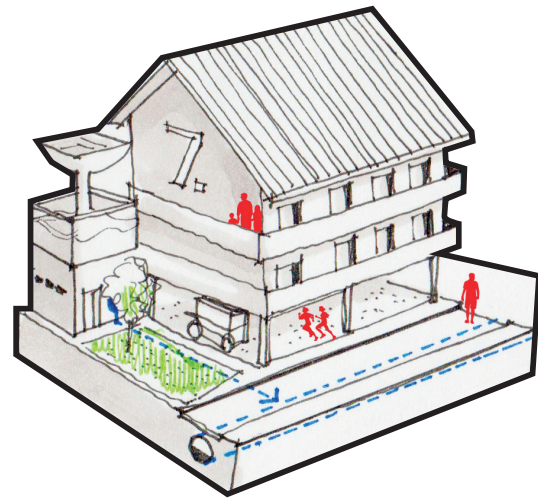
AREA II



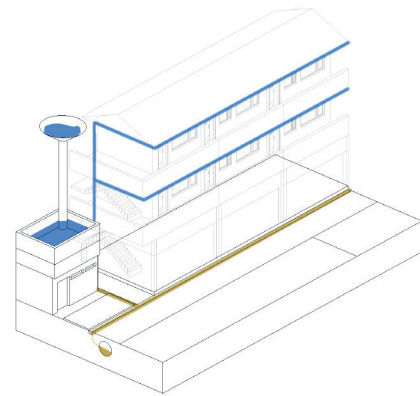
AREA III



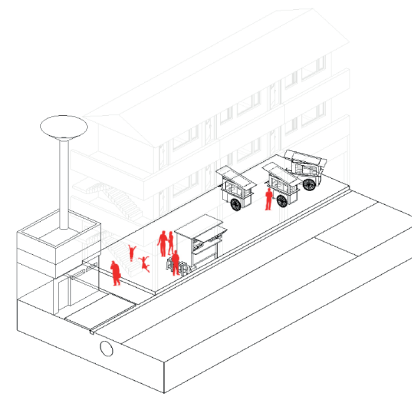
Co-housing pattern



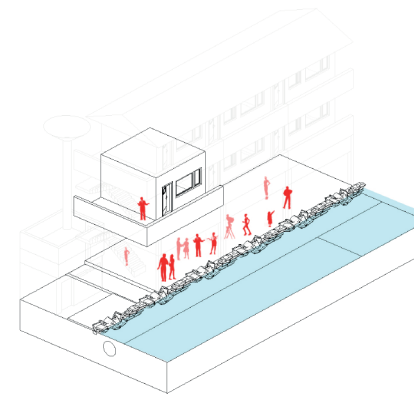
Rainwater harvesting and water treatment



Storage space



Communal self defense



Programs



communal maintenance



rainwater harvesting

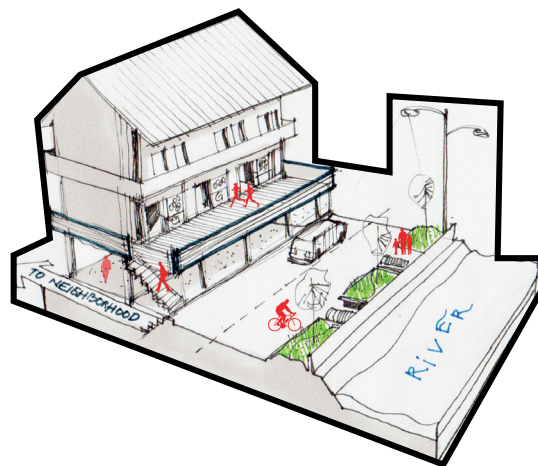


communal self-defense

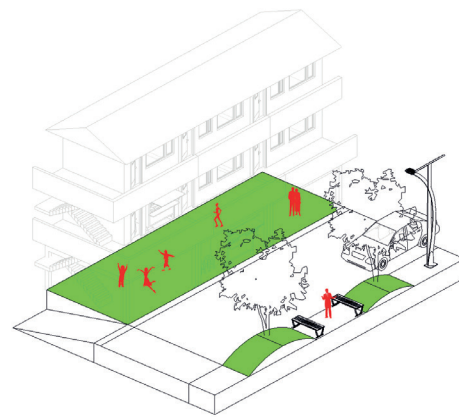


storage

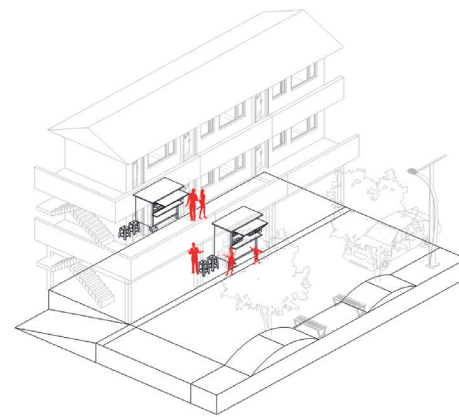
Active waterfront pattern



Ground floor activation



Initiation of anchor activities such as kiosk and taverns



active promenade

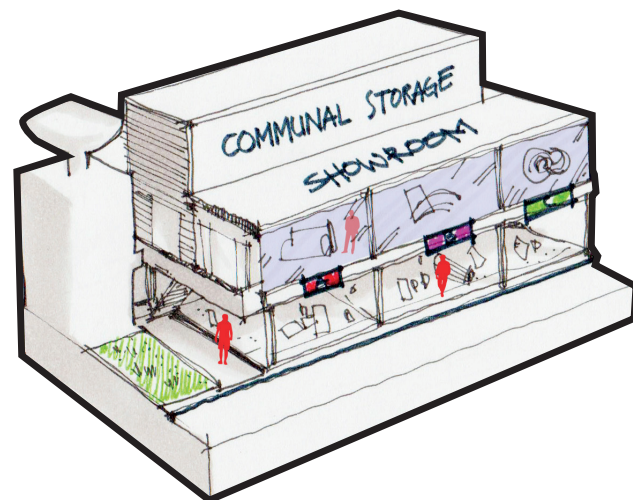


groceries and/o cafeterias

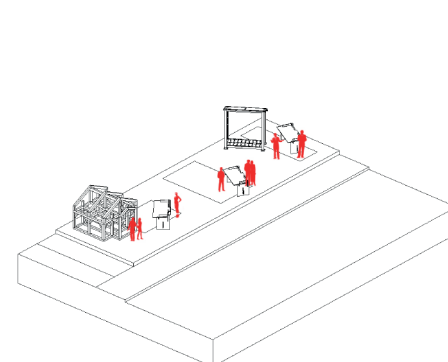


ground floor public space

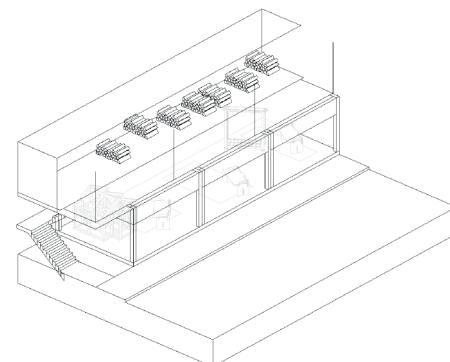
Flood-proof workshop pattern



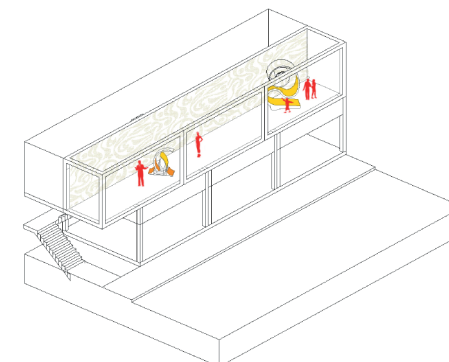
Shared workshop space on the ground level



Shared storage



Showroom space communally used for exhibition



open workshop

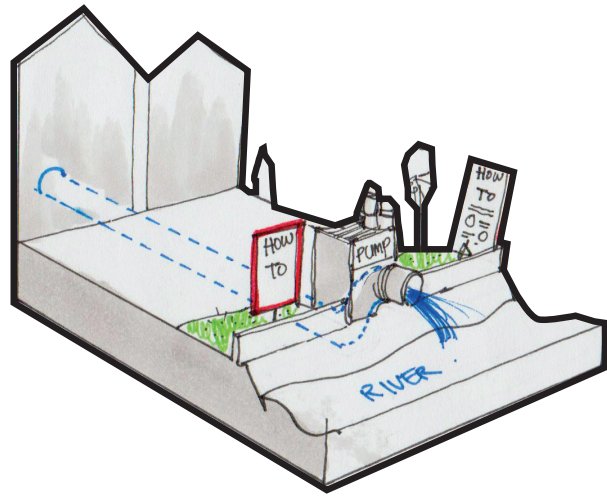


showroom

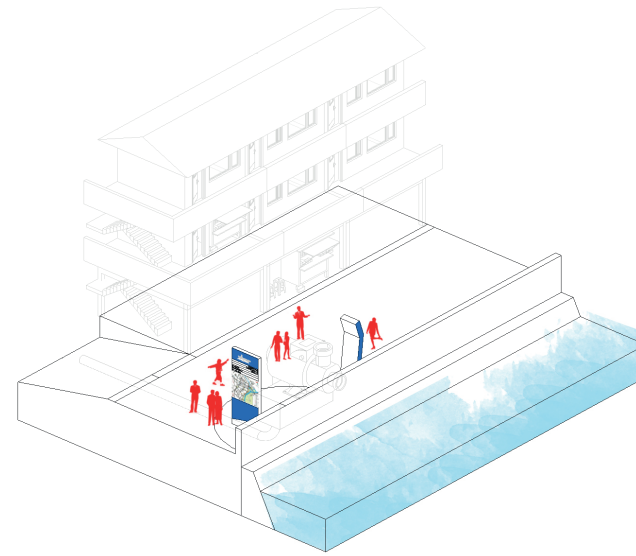


communal storage and resources

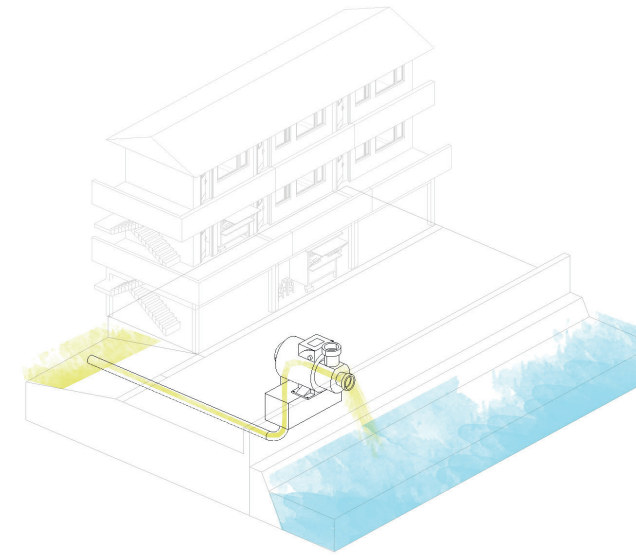
Educative infrastrcture pattern



Interactive utilization of the machine builds a sense of belonging to the facility



Direct mitigation of flooding is supported by using flood pump to reduce the flooding water as fast as possible



Programs



flood water pump

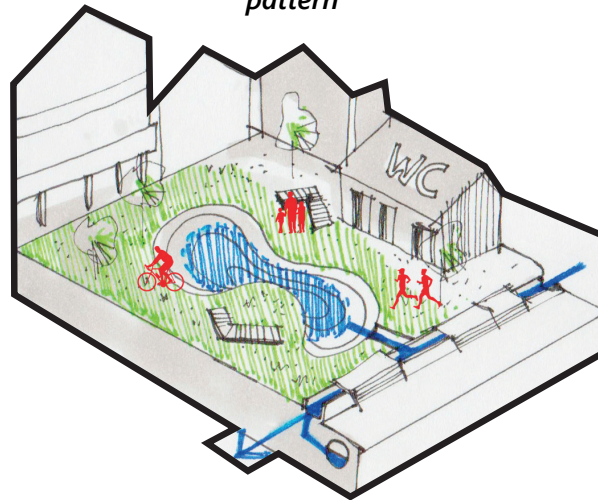


interactive installation

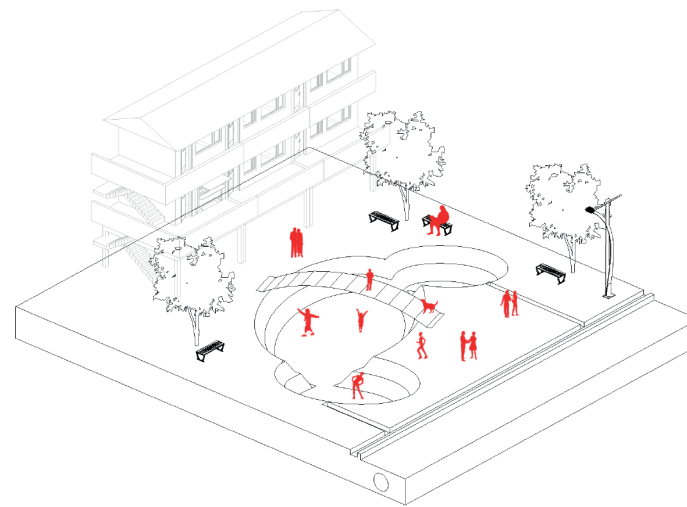


flooding mitigation

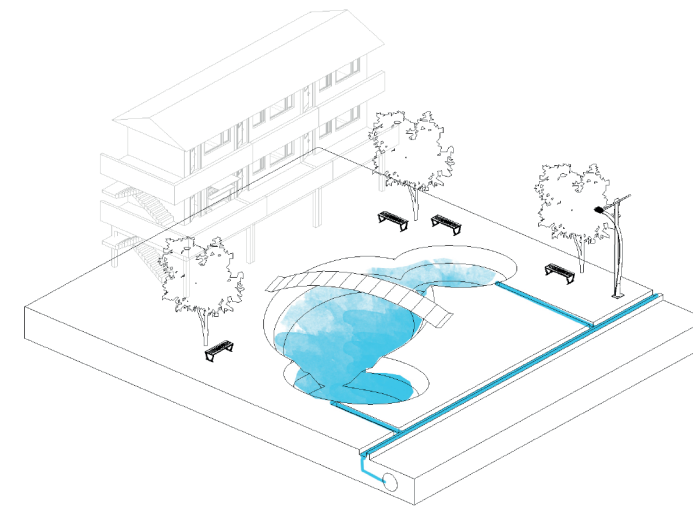
Recreational detention pond pattern



Engineering infrastructure of detention pond which can be used also for recreational space



During the wet season and flooding this infrastructure naturally filtrate the water to ground layer



flood retention pool

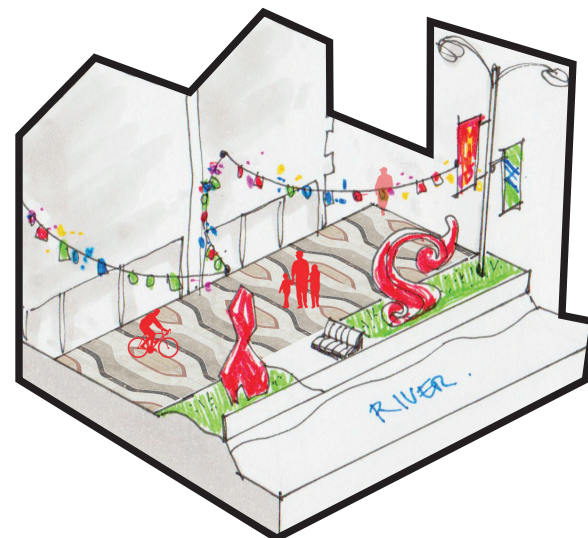


local public space

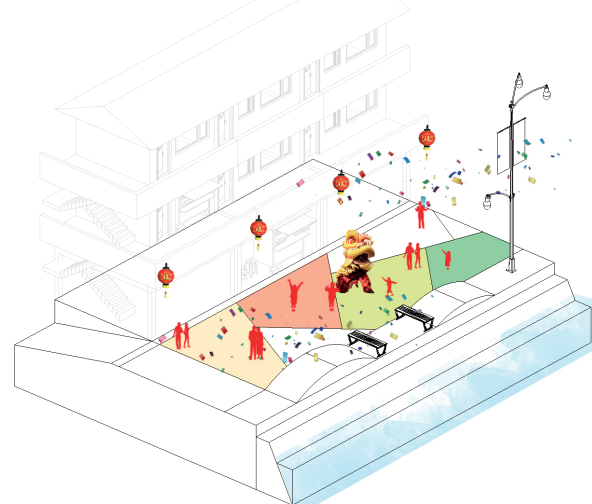


urban farming

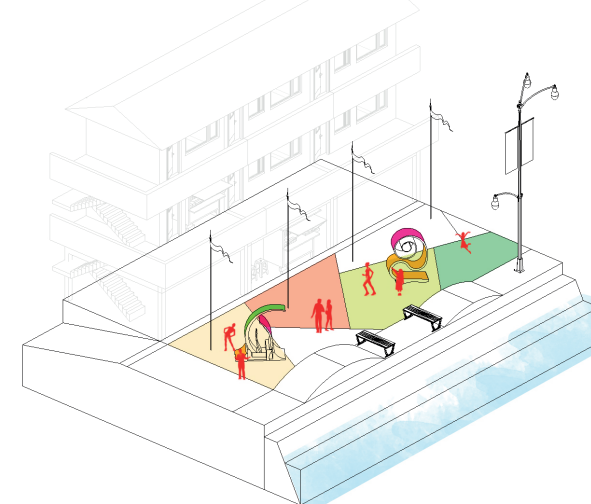
Thematic waterfront pattern



Festive activities accommodated on this pattern to revive the existence of public space



Public installation along the space creates more interactive activities



waterfront festival

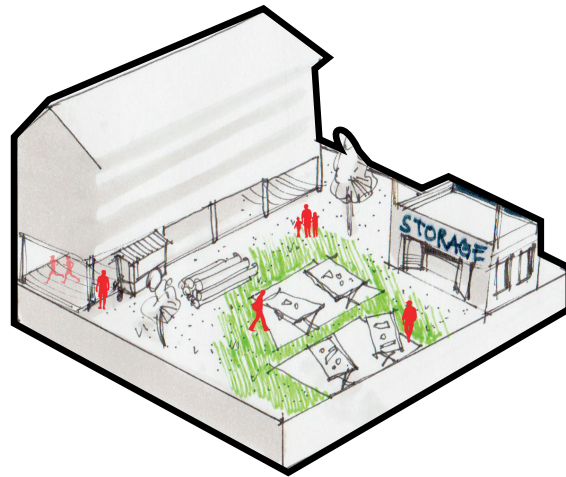


public installation

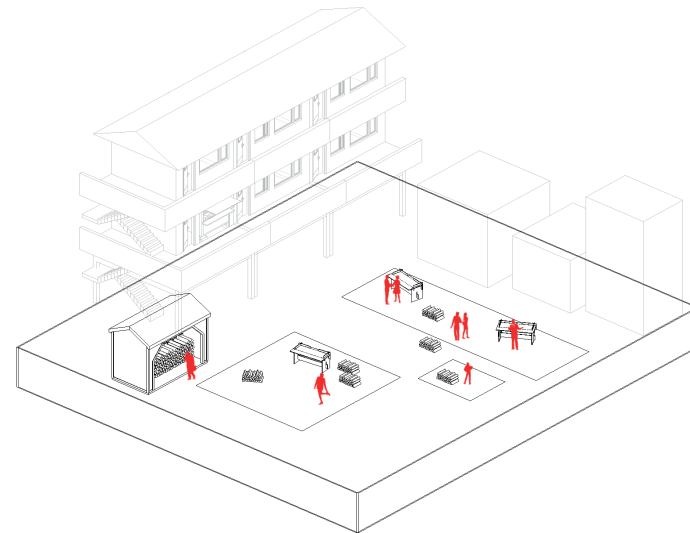


'Kerja Bakti'

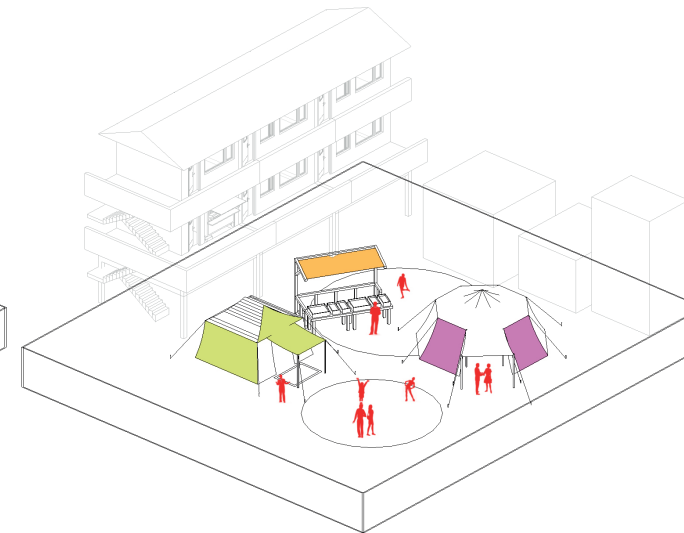
Open co-working space pattern



Communal shares of the space for workshop activities



Local market initiated on the space to contracts sense of belonging to the place



Programs



communal market

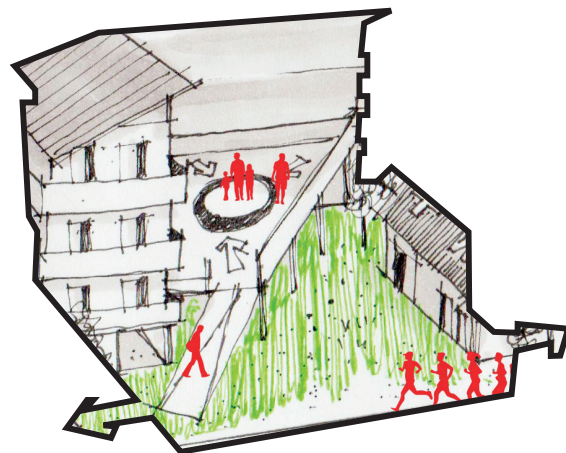


public workshop

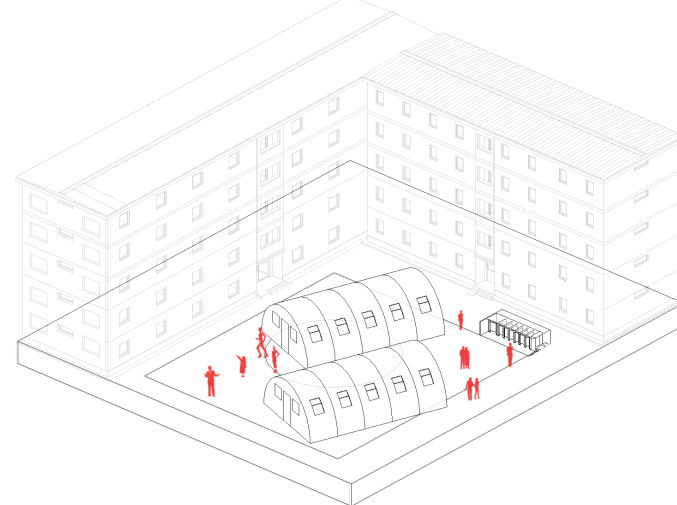


communal storage

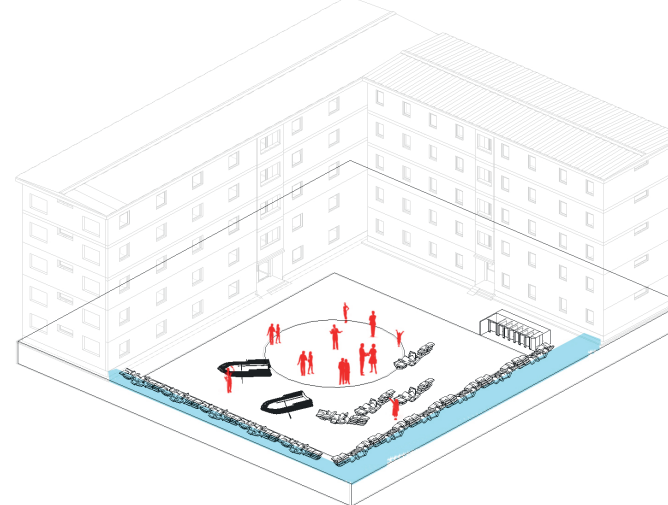
Building transformation pattern



Temporary space for resettlement



Communal defense to flooding

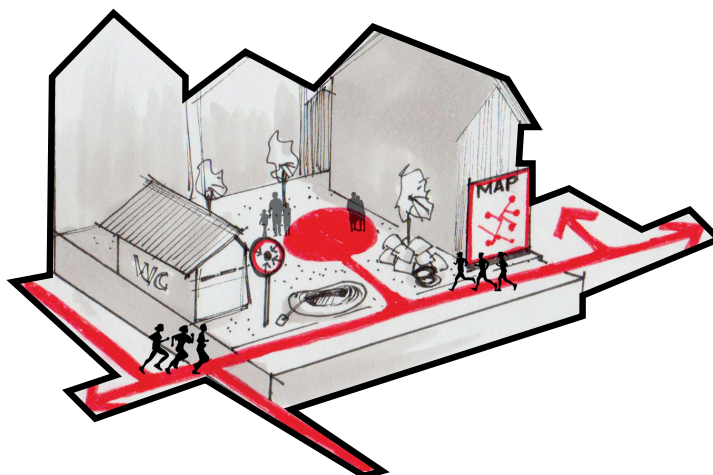


temporary resettlement

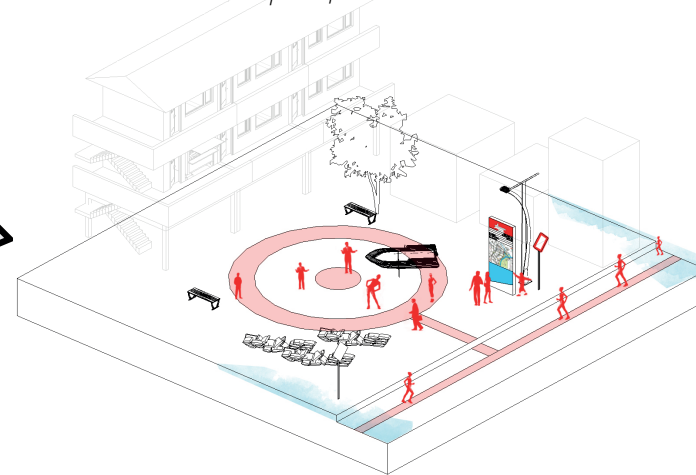


evacuation center

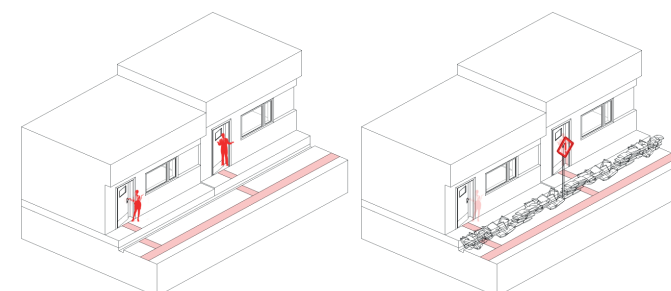
Evacuation zone pattern



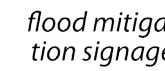
Allocated space for evacuation zone



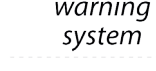
Directional path on the alleys helps evacuation process



flooding evacuation

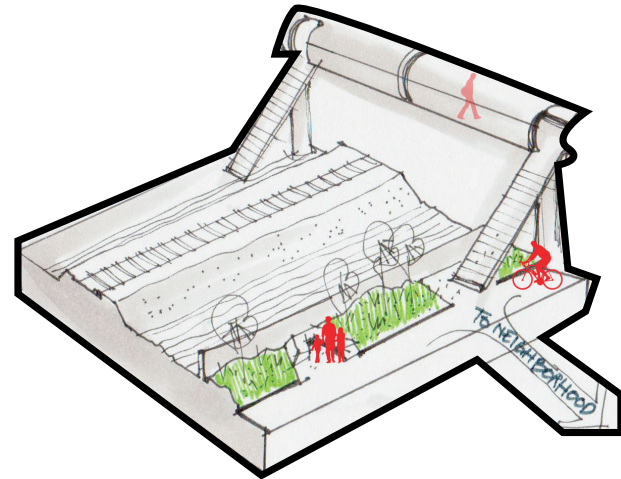


flood risk meter

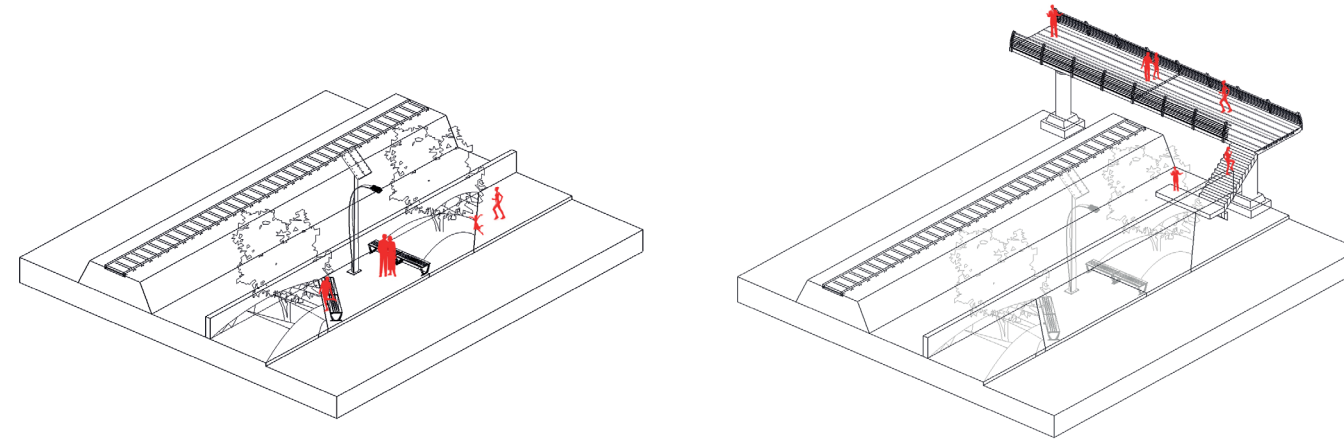


Active border pattern

Activation of space along the border improves the spatial and social quality



Better connection from and to neighborhood is enhanced by installation of pedestrian bridge on the border



Programs



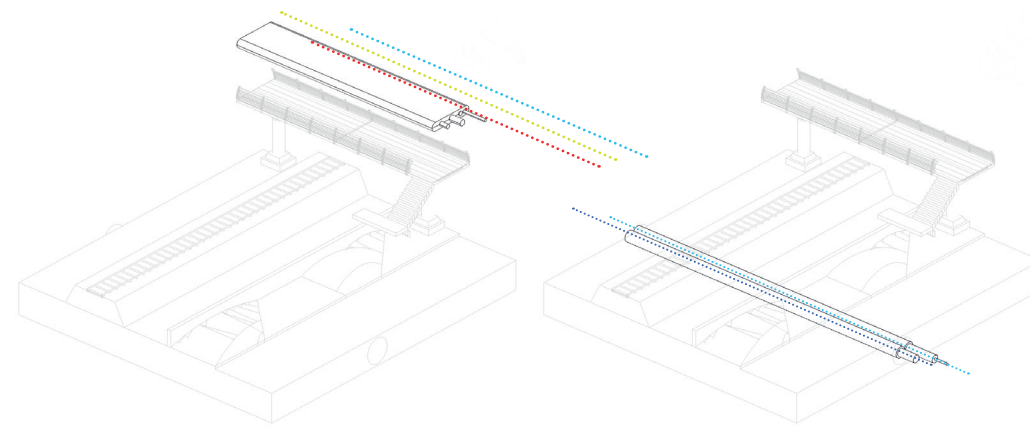
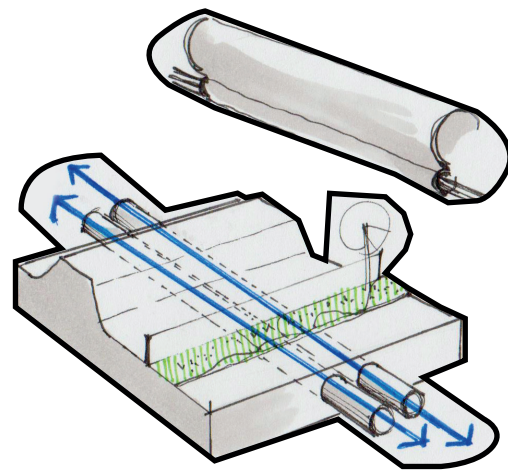
active open space



pedestrian connection

Infrastructure network connection pattern

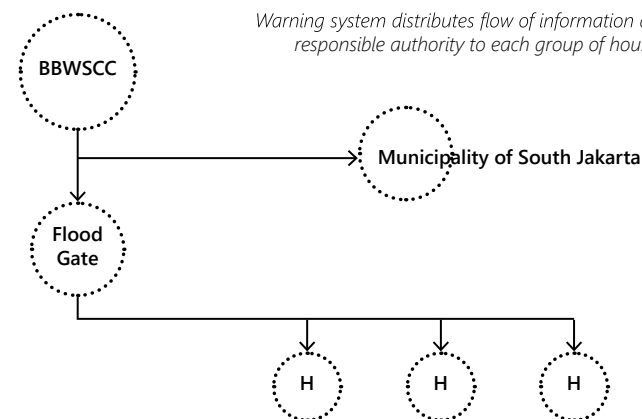
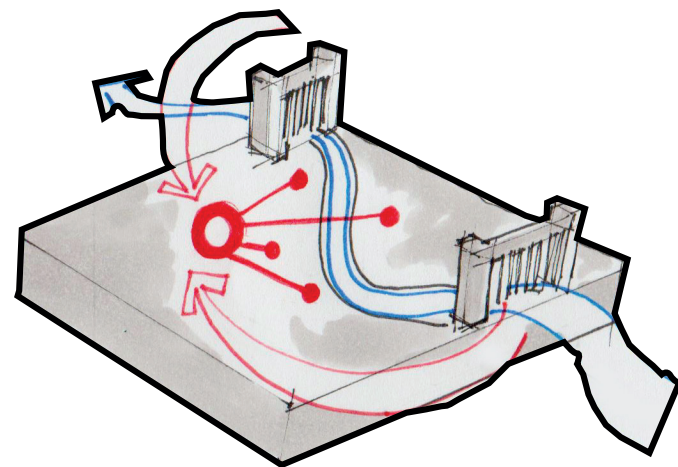
Better connection of infrastructure is proposed by installing underground and overground channel on the neighborhood border



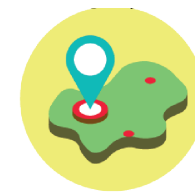
underground infrastructure connection

Mitigation network+warning system pattern

Warning system distributes flow of information directly from responsible authority to each group of households



early mitigation system

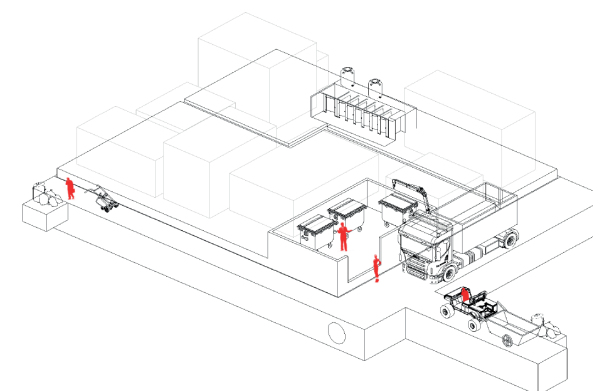
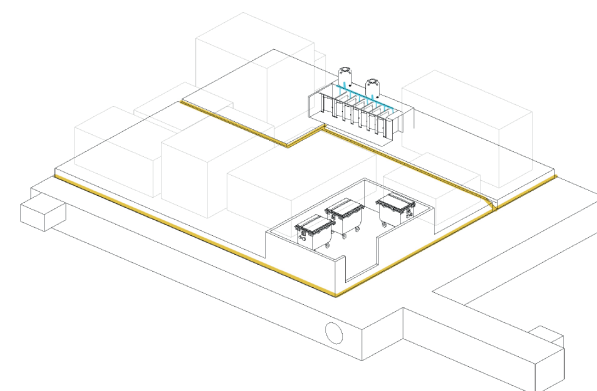
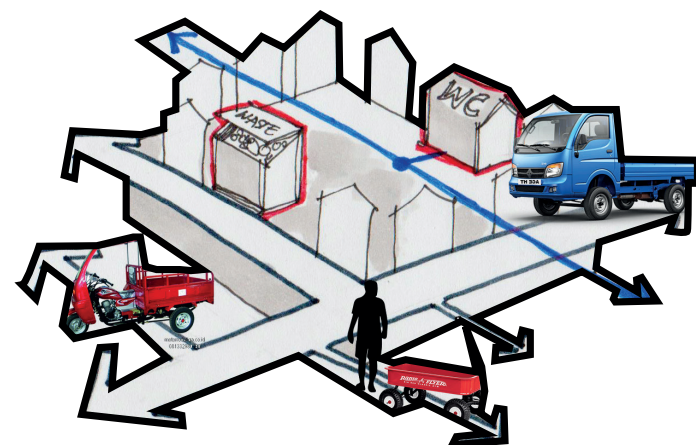


local-communal procedure

Waste and Public facilities network pattern

Provision of basic infrastructure such as public bathroom is initiated with a direct connection to broader network of infrastructure

Improvisation of waste management by reaching every single corner of the neighborhood using different type of transport mode



centralized waste collection

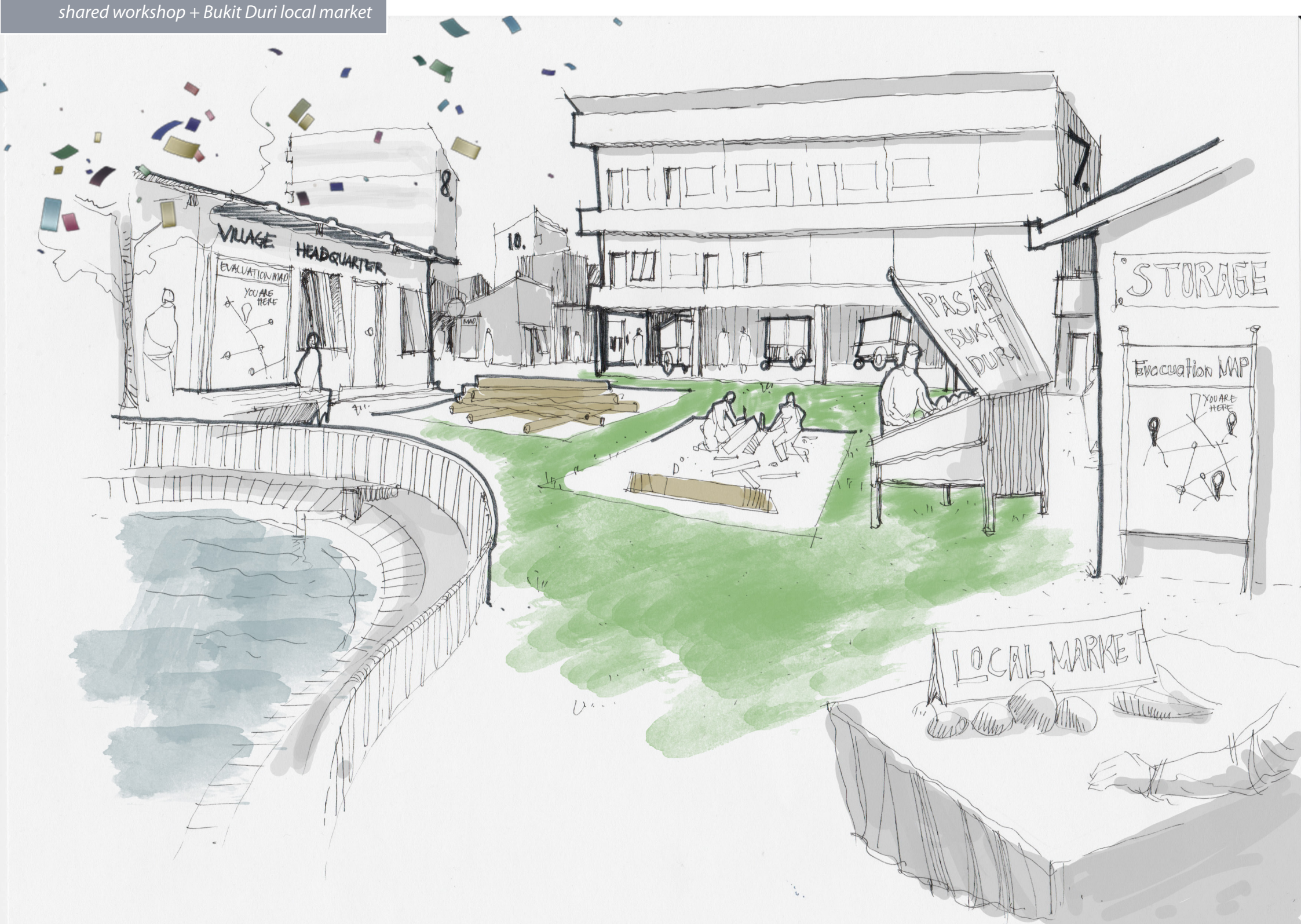


public bathroom infrastructure

recreational detention pond



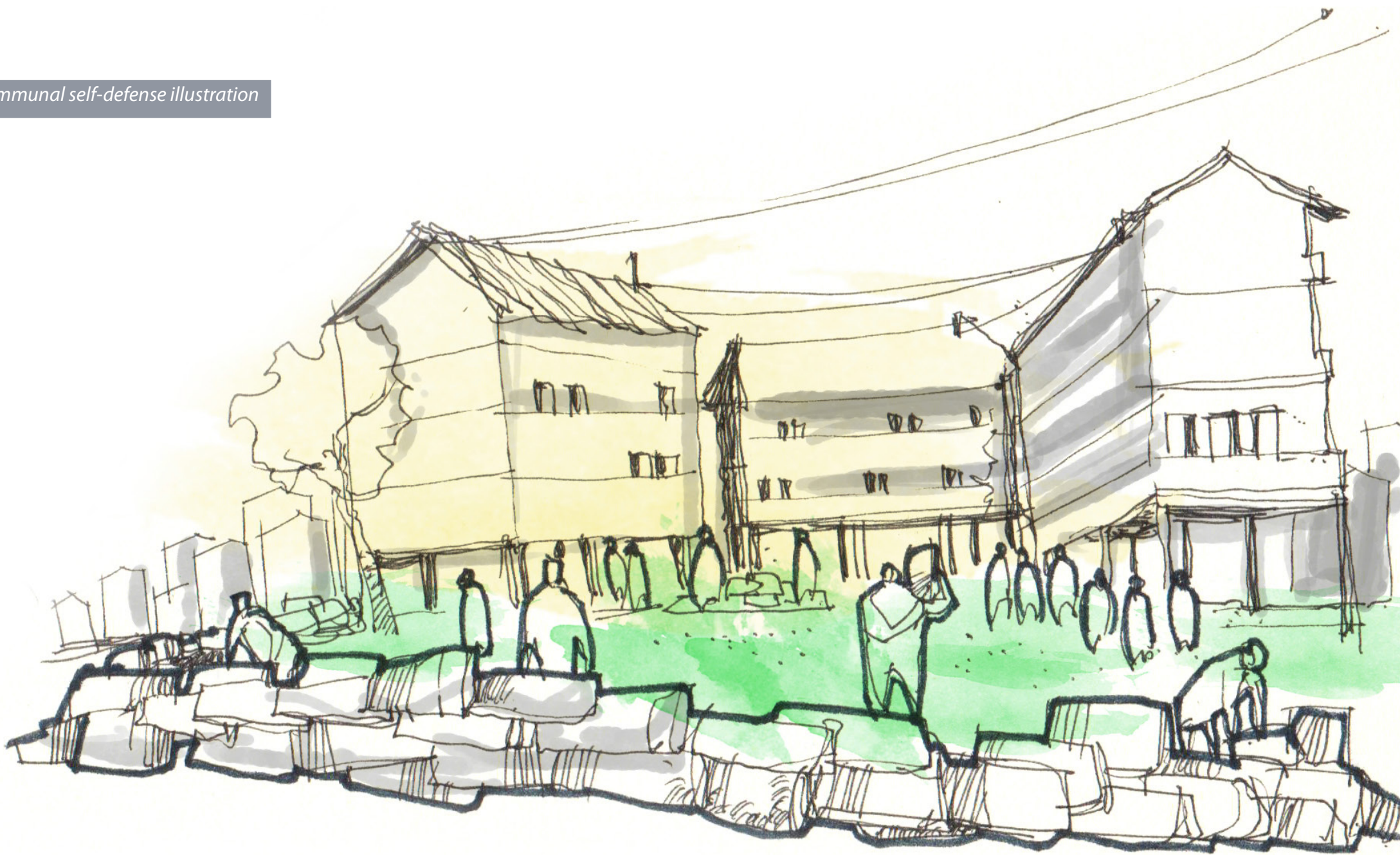
shared workshop + Bukit Duri local market



space in between co-housing



communal self-defense illustration



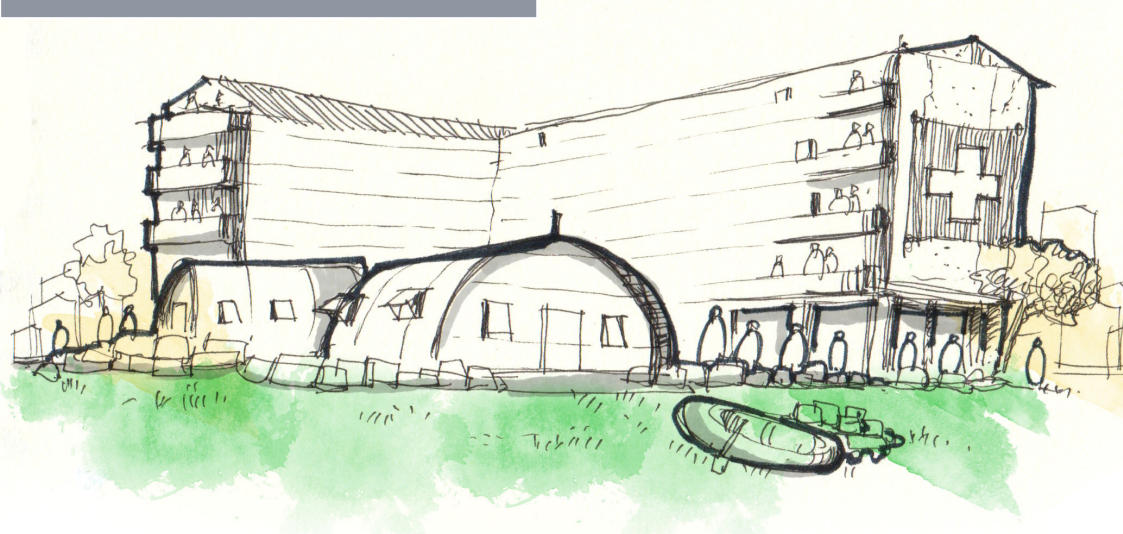
active promenade



wood workshop area



resettlement and evacuation zone



active space in the border

