KEBUN RIMBA USJ 7

SUNPATH

Allocation of trees to provide shade from the sun.

CIRCULATION

Active zones are defined by vehicular footprint of site.

Shrink vehicular footprint by containing tarmac and allowing pedestrian access on west frontage.

SMELL

Car emissions on west frontage.

Introduce fragrant greenery as olfactory buffer from road.

VIEWS FROM SITE

Unfavourable views from tarmac.

Introduce decidous trees as visual buffer.

ON SITE VEGETATION

Farming programs are segregated from existing play area.

Disperse program throughout site to intergrate elements of play with farming.

"They rustle over the forest floor with selipar jamban, with keen eyes scanning the trees for signs of ripe fruit, while the little one's curiosity is sated with the uncharted flora."

"As they collect, the mother's paranoia of their child wandering off is contained through deliberate education of traditional horticultural knowledge to their children, passing down ancient knowledge about nenek moyang's ways back in the day. They teach them about the different types of fruits, herbs and their medicinal properties, and the best ways to prepare them."

Kebun Rimba proposes an escape from the bustle of contextual urbanism through an intervention of decidous vegitation buffers that screen away the outside world, which encourages a self sustaining ecosystem between site forces, with various programs of urban farming that emulate the symbiotic bond of the mother and her child.

TREES ON THE GROUND

Rain Tree
Canopy Shading Device

Golden Shower Tree
Placemarker of Play

Sandoricum Koetjape
Delicacies of the Garden

Tecoma Tree
Visual Refresher for Seasons

PLANTS ON THE GROUND

Pandan
Cooking Ingredient

Lemongrass
Fragrant Forage

SO

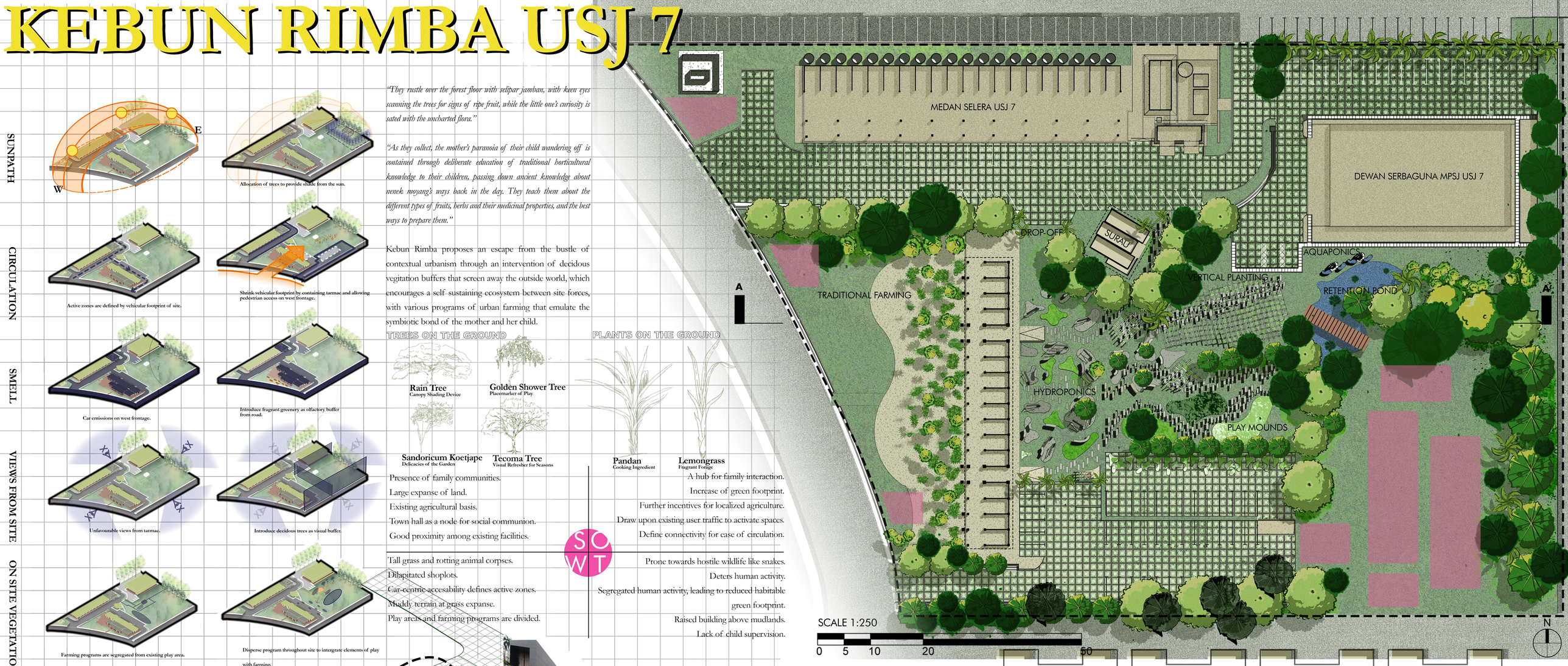
Presence of family communities.
Large expanse of land.
Existing agricultural basis.
Town hall as a node for social communion.
Good proximity among existing facilities.

A hub for family interaction.
Increase of green footprint.
Further incentives for localized agriculture.
Draw upon existing user traffic to activate spaces.
Define connectivity for ease of circulation.

WT

Tall grass and rotting animal corpses.
Dilapitated shoplots.
Car-centric accesability defines active zones.
Muddy terrain at grass expanse.
Play areas and farming programs are divided.

Prone towards hostile wildlife like snakes.
Deters human activity.
Segregated human activity, leading to reduced habitable green footprint.
Raised building above mudlands.
Lack of child supervision.



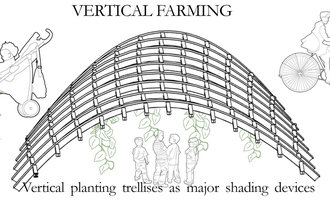
TRADITIONAL FARMING

VERTICAL FARMING

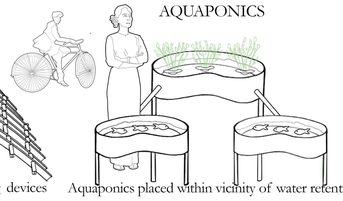
AQUAPONICS

HYDROPONICS

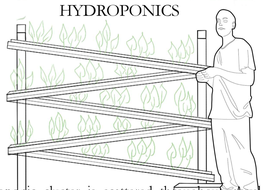
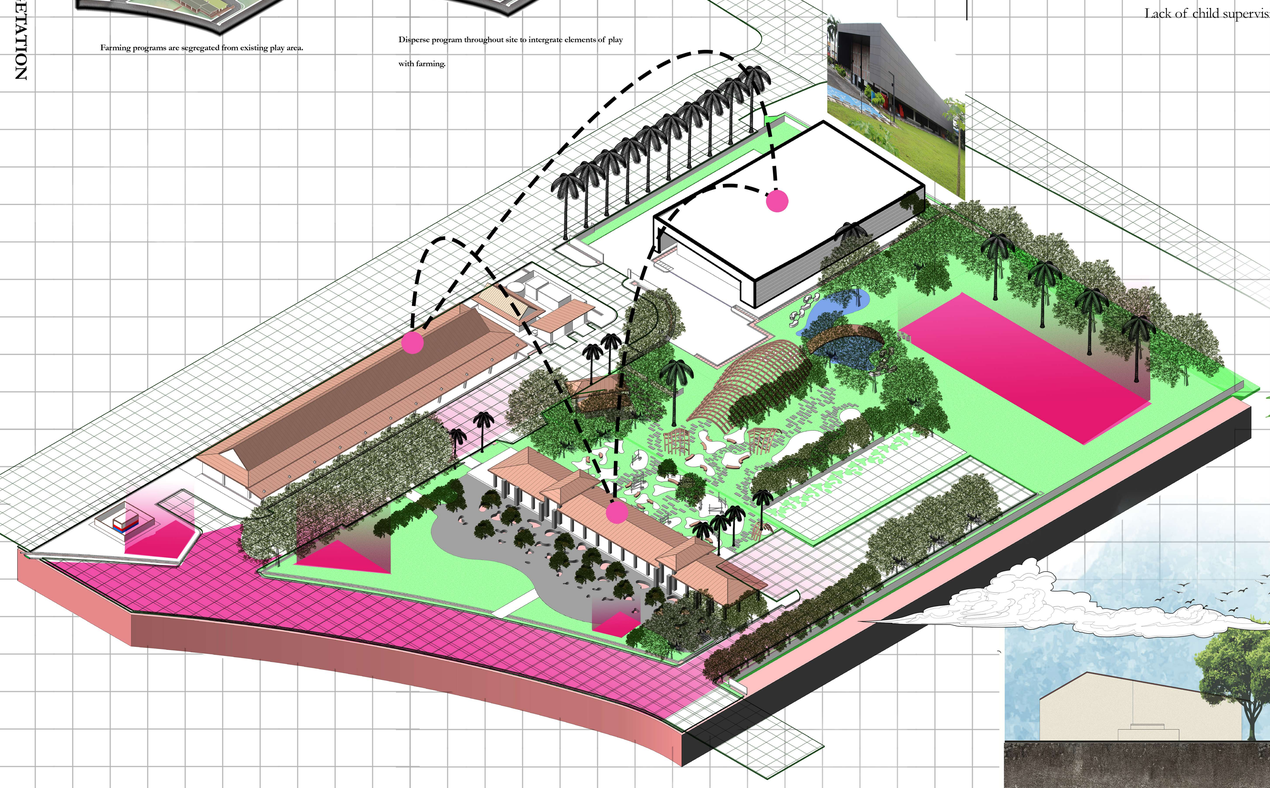
Traditional soil farming at west frontage compells users to be drawn towards the site with sweet and acidic scents of Pandan and Lemongrass. The planters also induce community gathering during harvest.



Vertical planting trellises as major shading devices which centralize activities of harvest and gathering, overlooking play mounds where mothers can harvest with a worry-free state of mind for their children.



Aquaponics placed within vicinity of water retention pond, providing a sustainable secondary source of water that sustains the contain mini-aqueos ecosystem.



Hydroponic cluster is scattered throughout open green land, activating the space with a permeable screen where the interjunction of play and harvest can transpire safely.