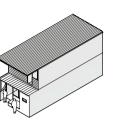


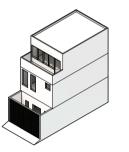
1 Layer - Batawi house

Traditional Single layer house build from wood and cheap bricks. Usually with a garden. From 2 to 12 inhabitants.



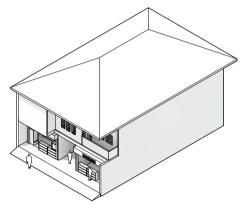
2 Layers - New kampung house

Build from cheap bricks and steel-plating.
Houses one or two families.



3 Layers - Mid income house

Expansive mid to higher mid income house as found in the inner city kampungs. Build from concrete or a combination of a concrete structure with brick walls. Side walls are always closed due to neighbor that attaches his house onto this wall



2 to 4 Layers - Kost

A kost is a housing complex for the jakarta workforce. Houses immigrants, people that live in the suburbs and other people from out of town. A kost can have many rooms, a kost like this around 16 rooms for 1 to 2 people.



3 to 4 Layers - Shop houseLarger shop house build from a

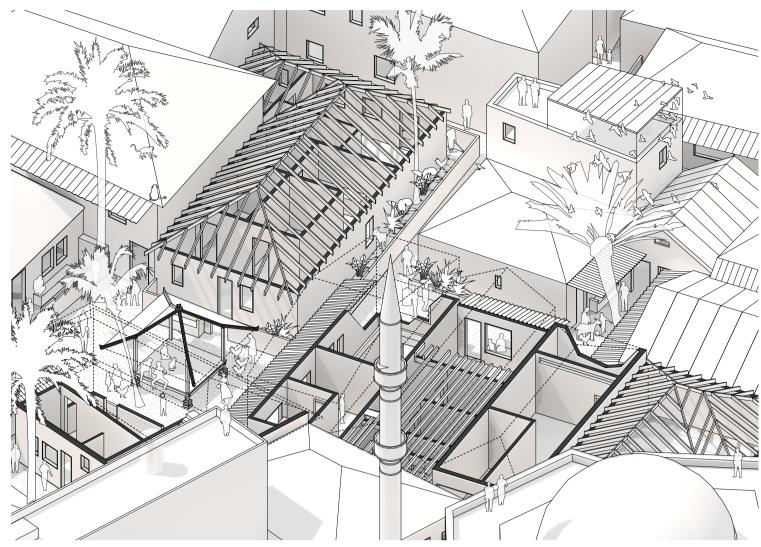
concrete structure with brick walls. Build by a mid income entrepreneur with a large warung.

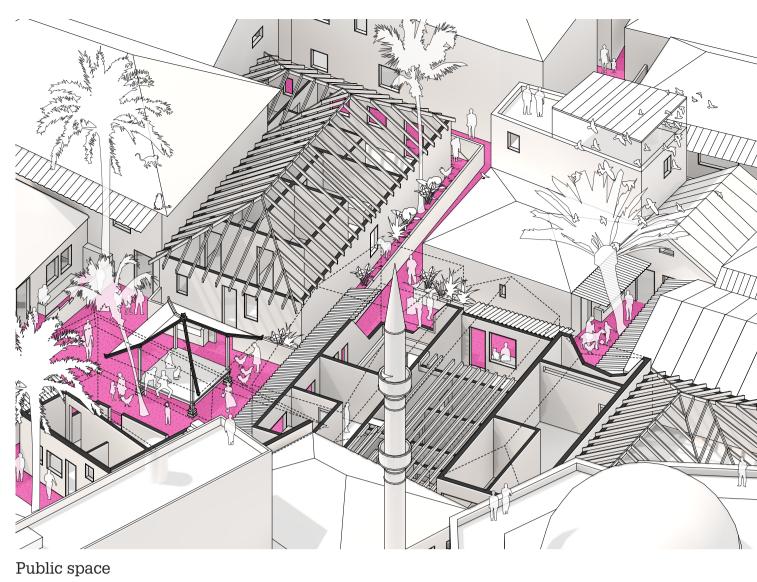


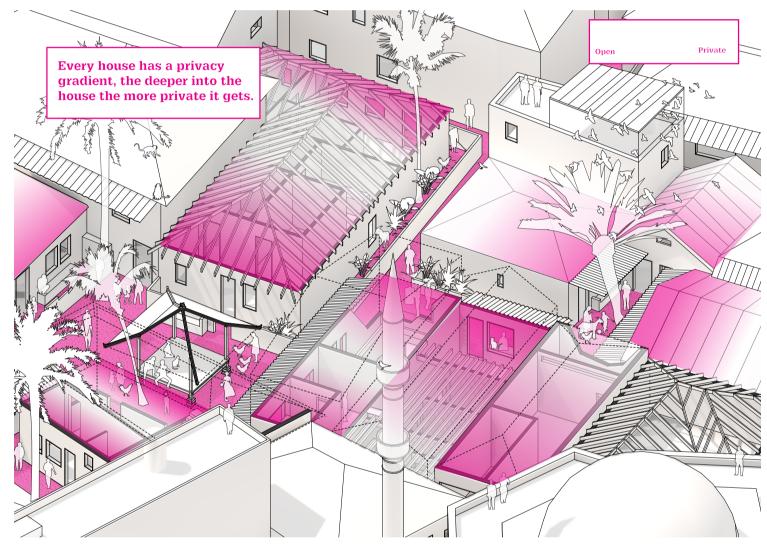
2 layer - Kampung chophouse

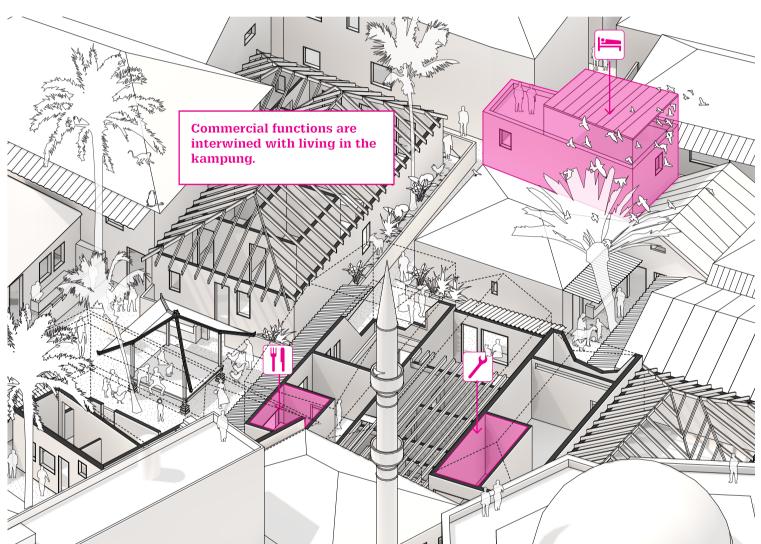
Low Mid income family with a shop (warung) at the ground floor. Build from bricks and steel-plating.





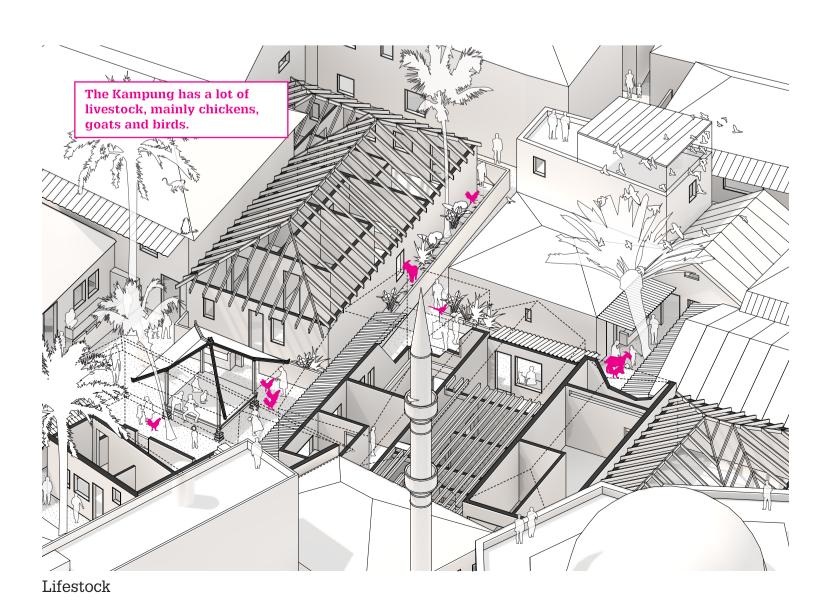


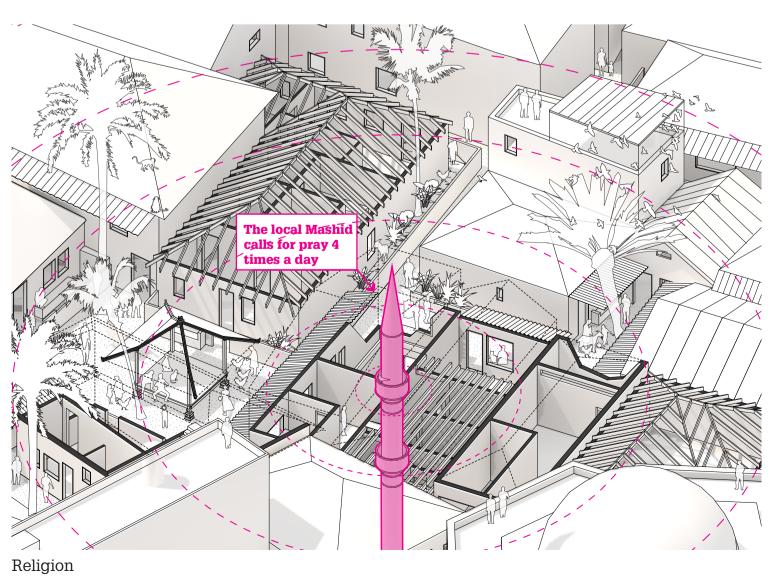


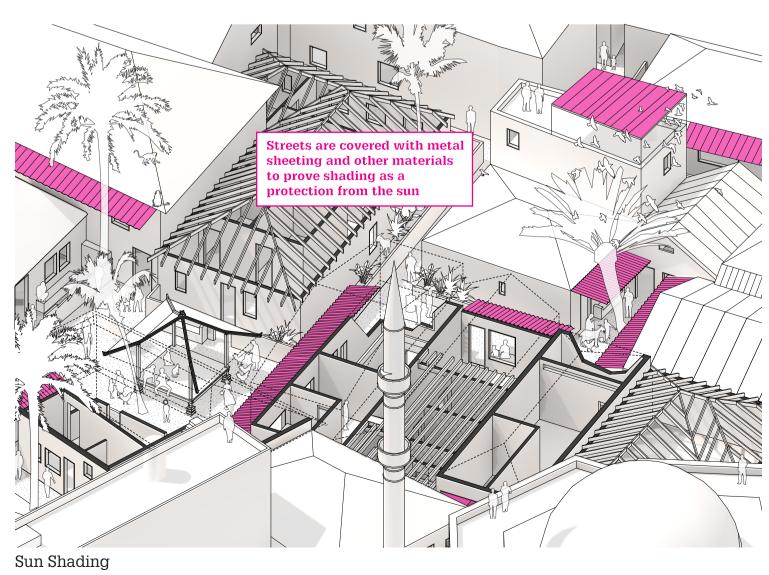


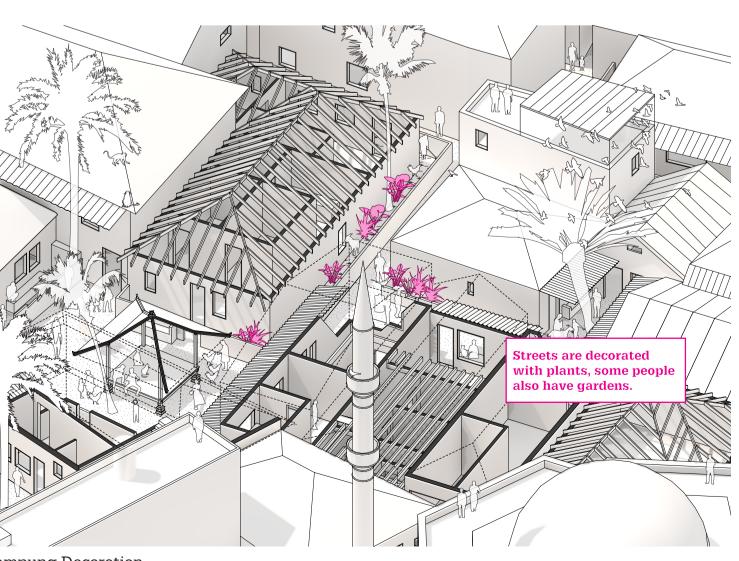
Privacy gradient









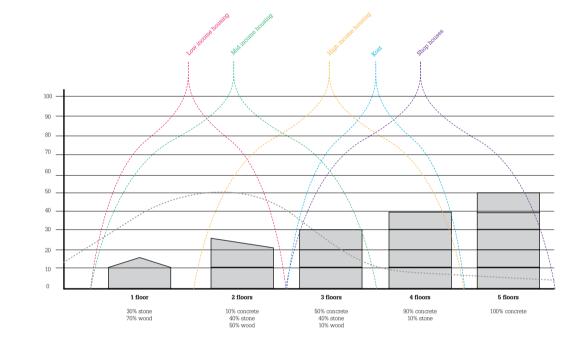


Kampung Decoration

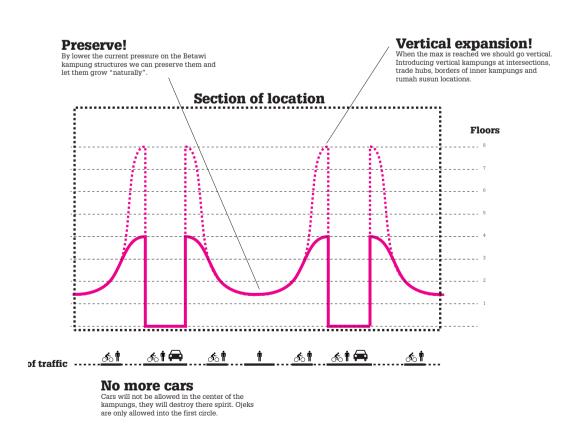
Density need according to Jajakarta's goals

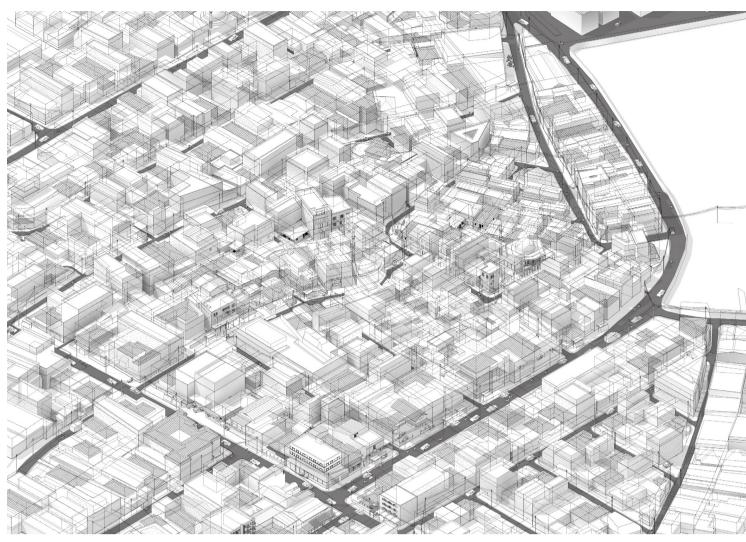
ADD NUMBERS

Capacity of the Kampung



A new Density spread.

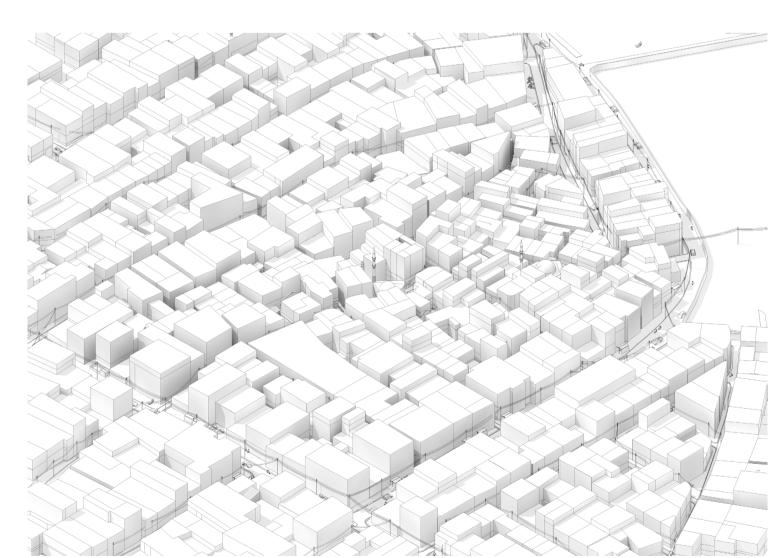




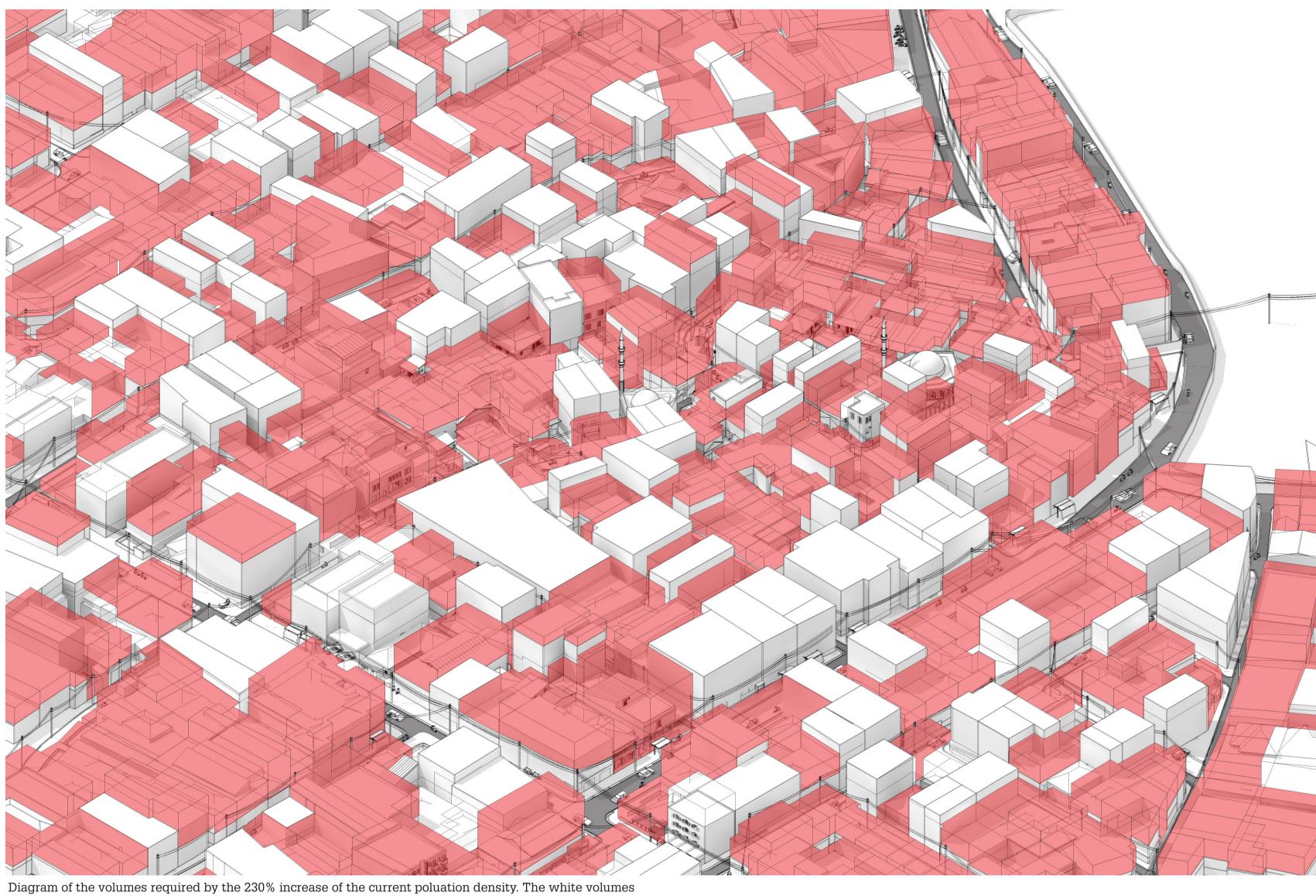
Height needed for Jajakarta (av. floorheight 4 floors, equal spread).



The current capacity for growth from the kampung



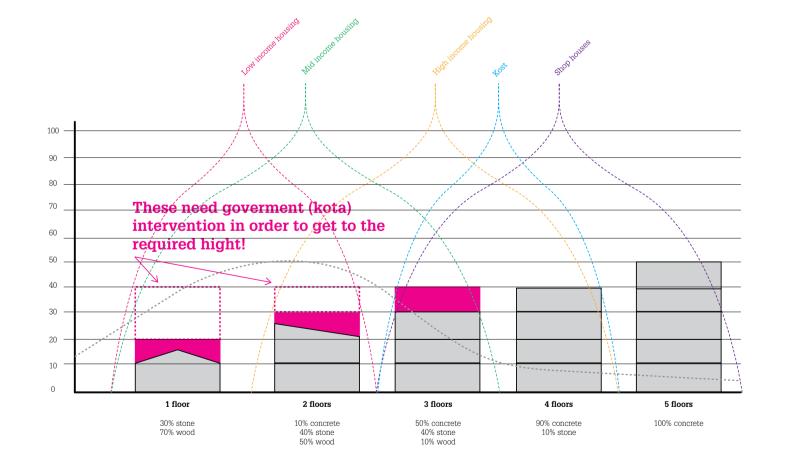
New density pattern with an avarige floorheight of 4 floors, varying from 3 to 6 floors.



resemble the maximum volume reachable by the kampung. Red volumes represent the volumes which can't be build by the individual kampung inhabitants. The project foccusses on these red areas and formulated various tools, strategies and typologies in order to bridge this gab.

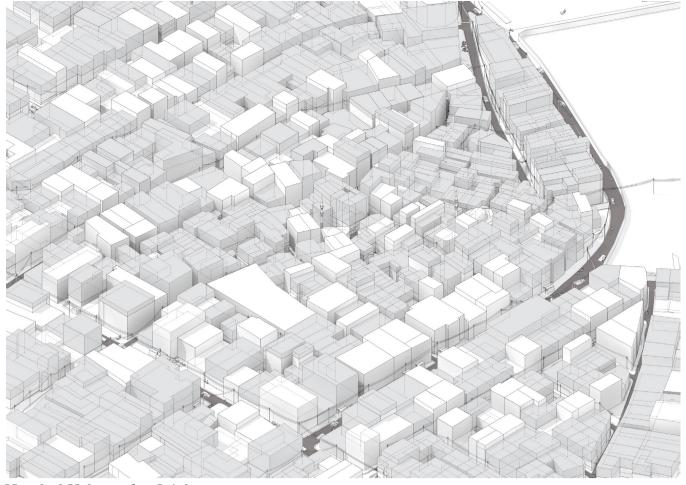
Hypothesis:

The bottum-up designed kampung has a limit to its size of roughly 1,3x its current size. Theirfor top-down Kota should provide assistance to allow a doubling of density to happen, as a new form of the kampung improvement program (KIP). This KIP 2.0 should consist of various rules, infrastructural tools and architectural elements, a toolbox for densification.





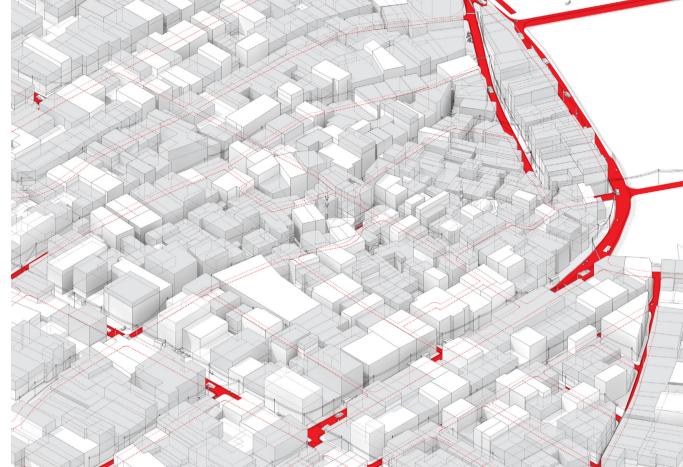
Streetview Needed volume for Jajakarta



Needed Volume for Jajakarta



Streetview new infrastructural system



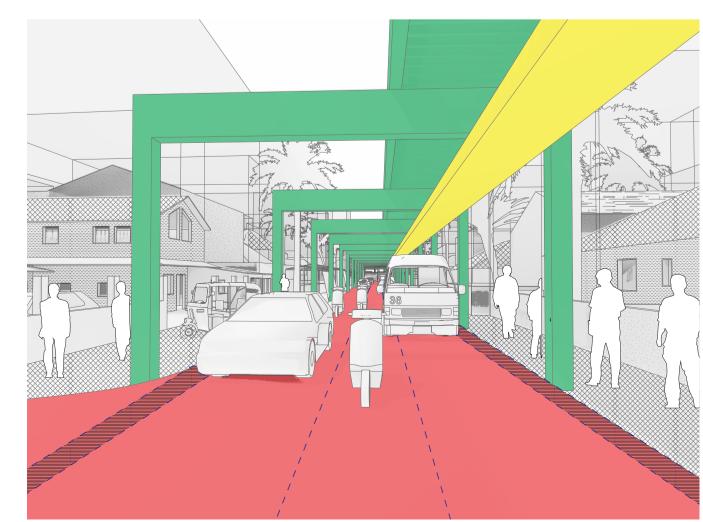
New infrastructural system



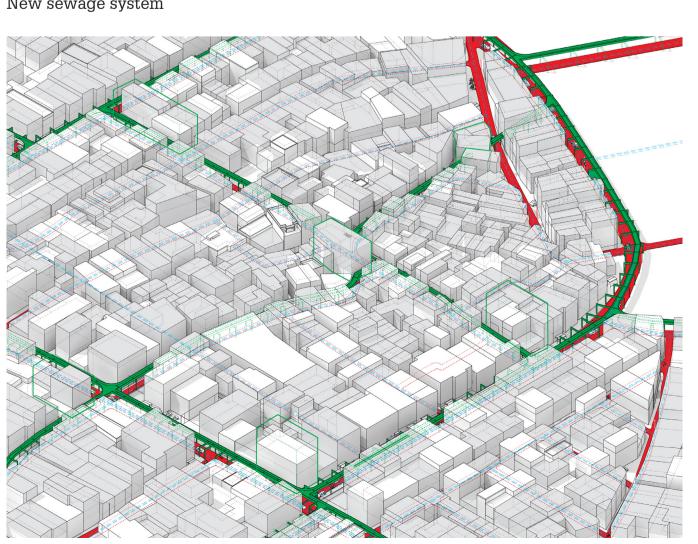
Streetview sewage systems



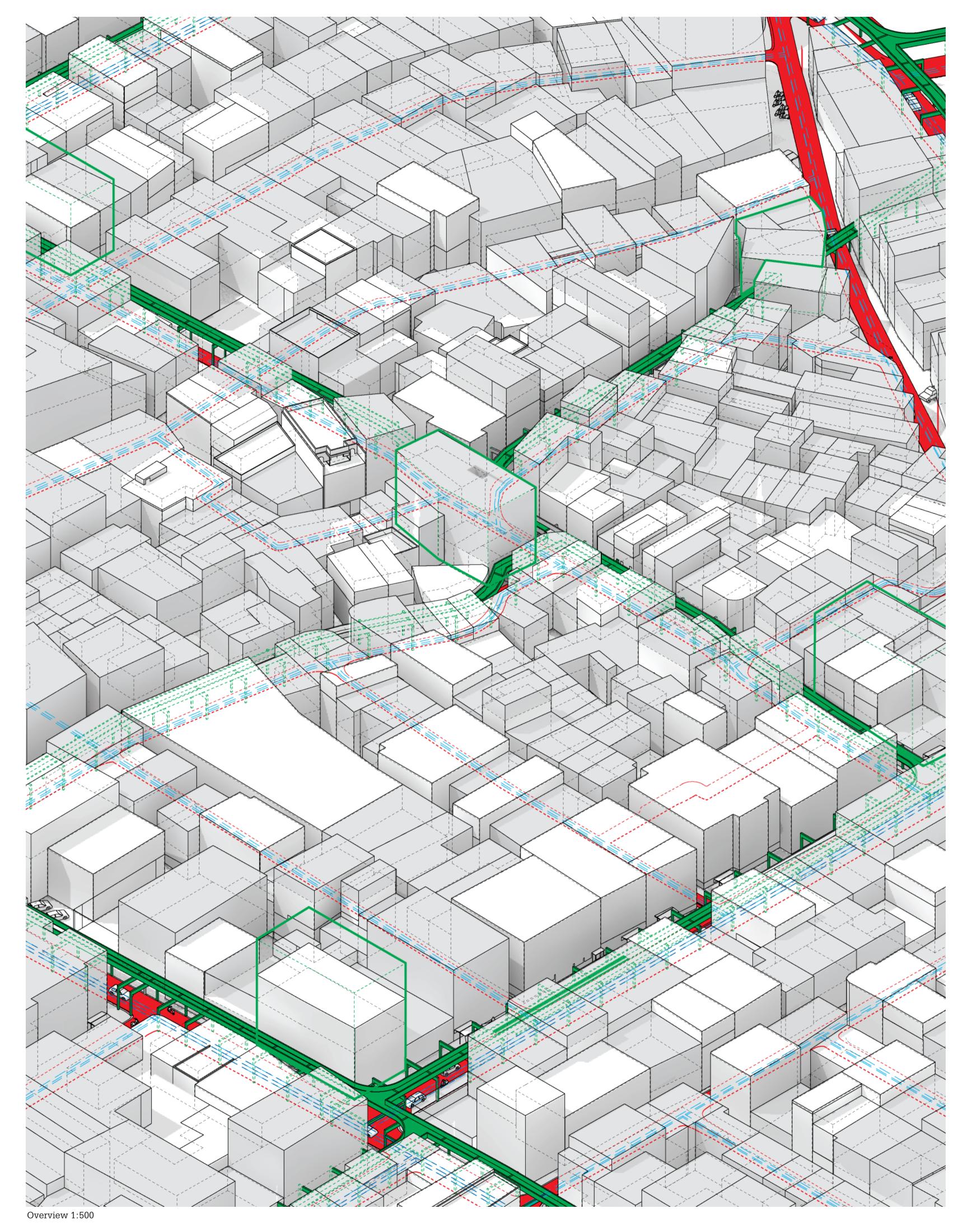
New sewage system

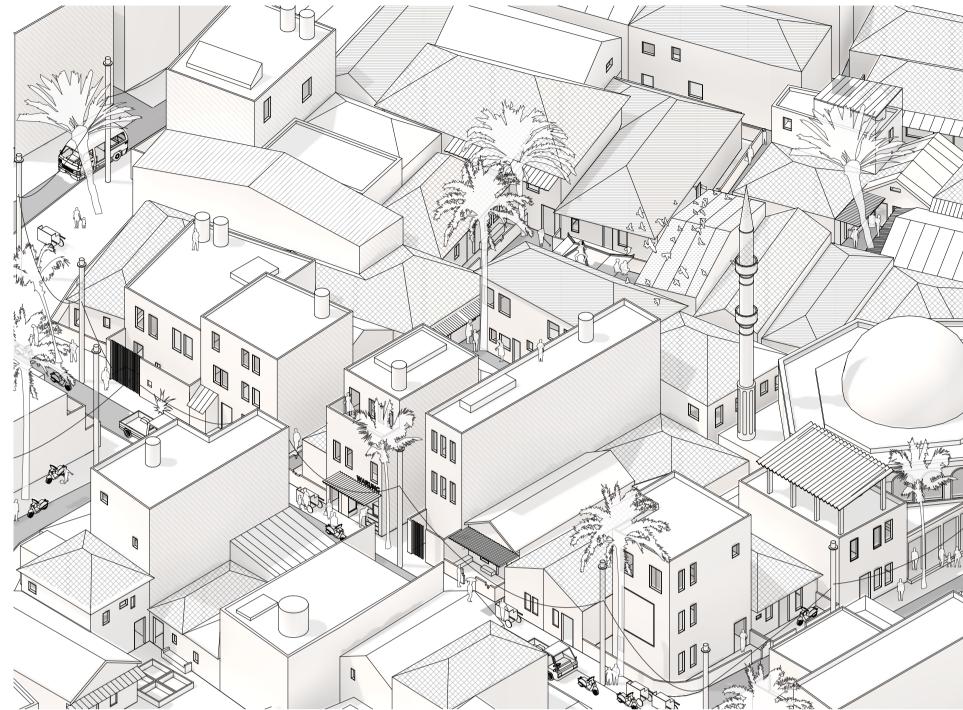


Streetview Electric Ojek Highway

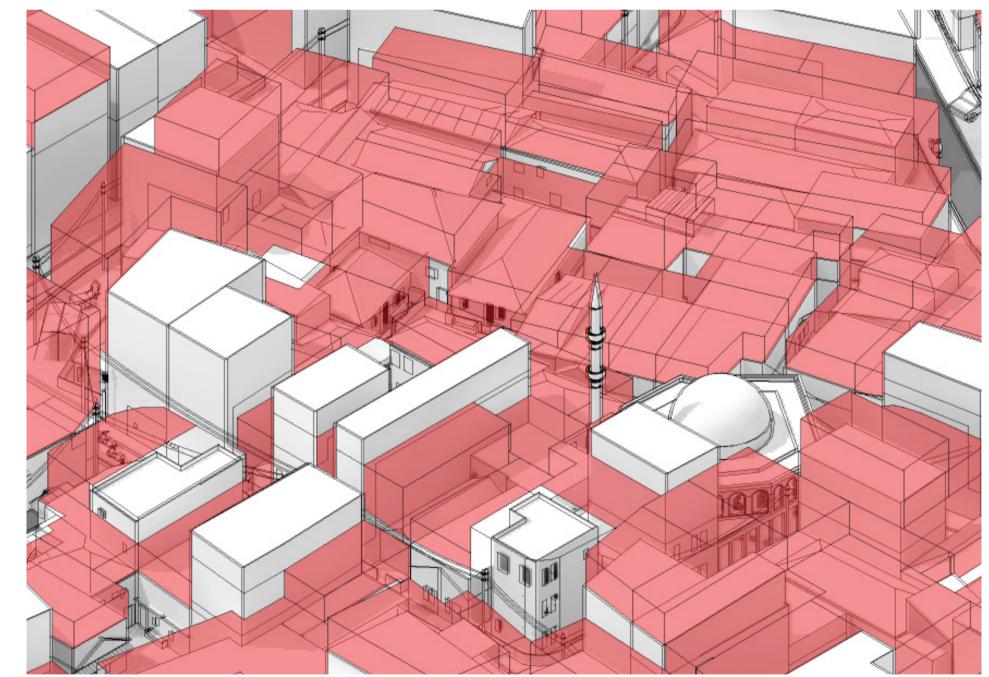


Electric Ojek Highways

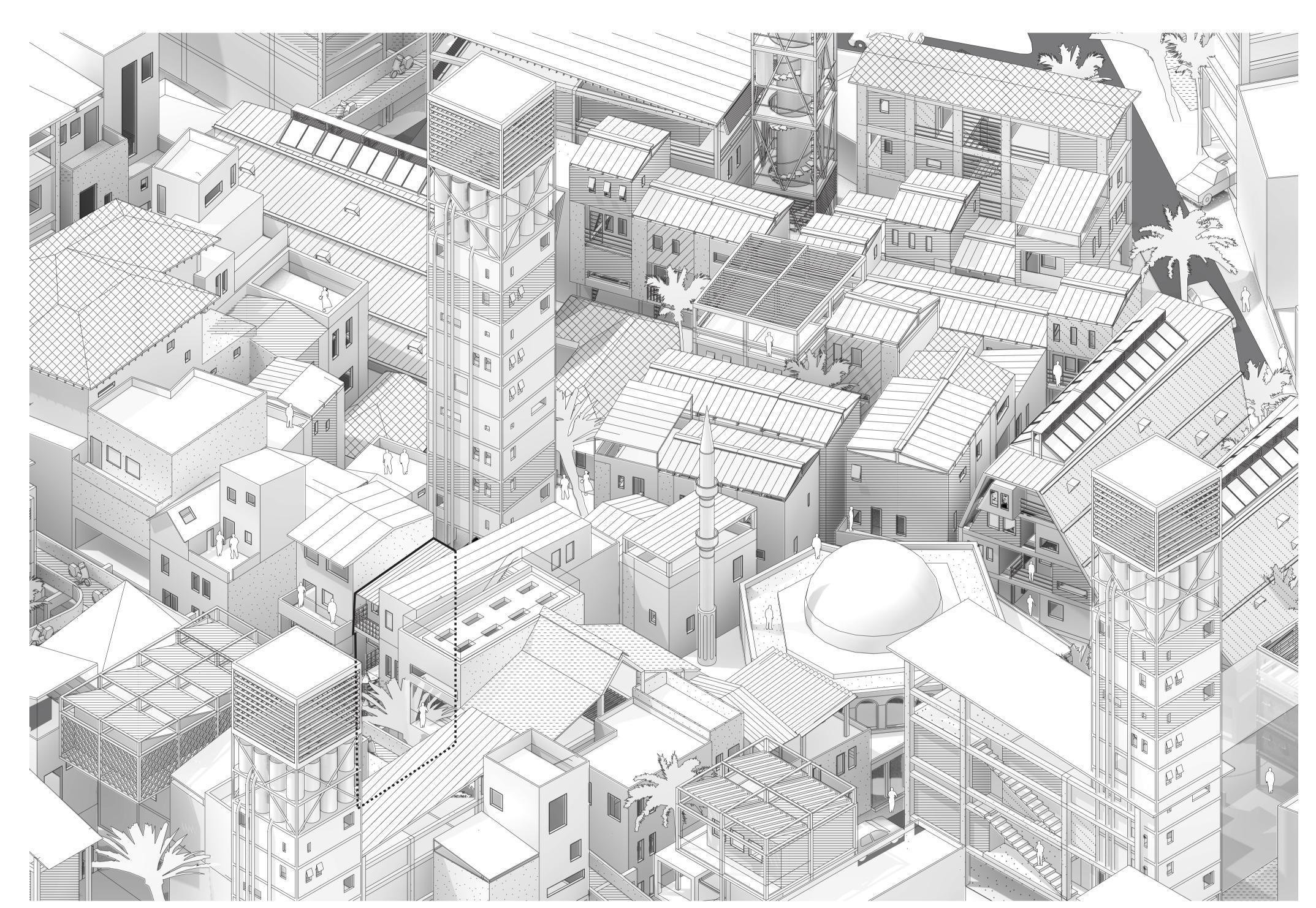




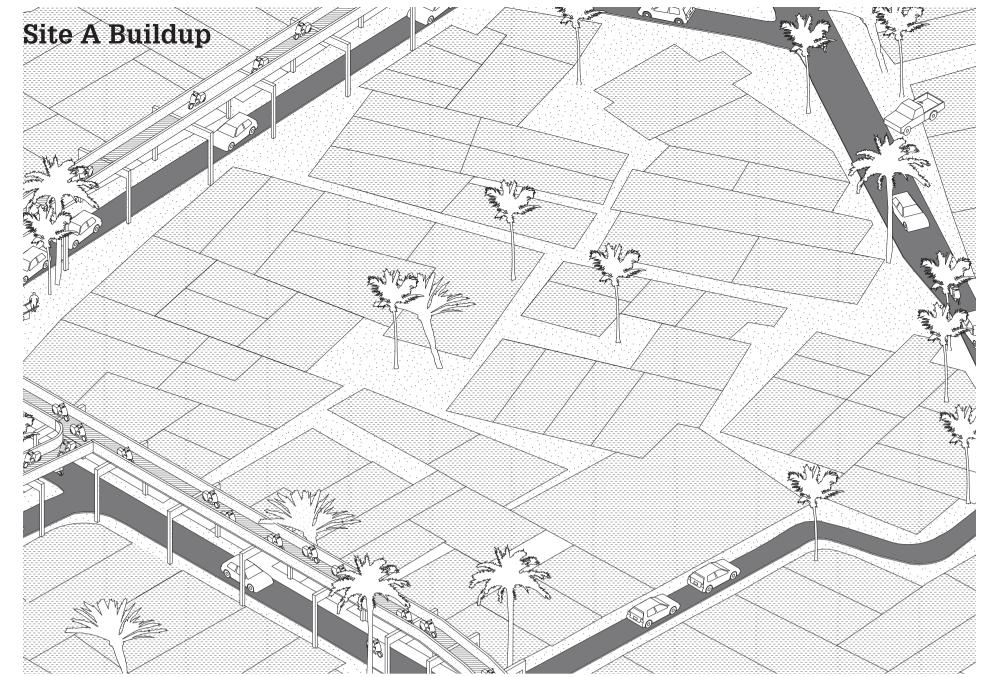
Current situation Site A



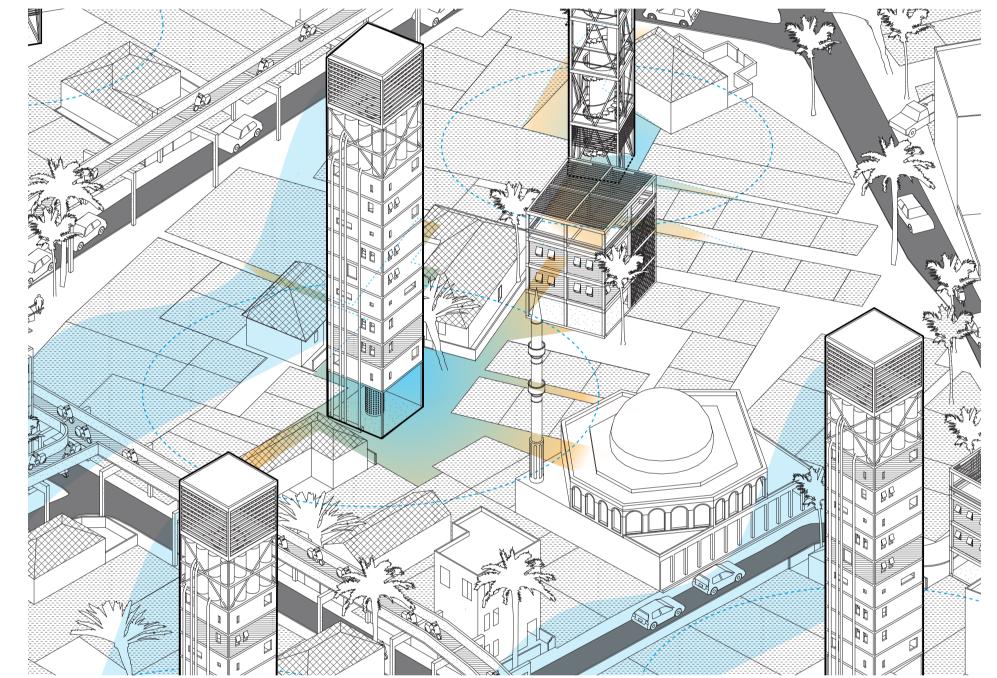
Required Density spread and capacity



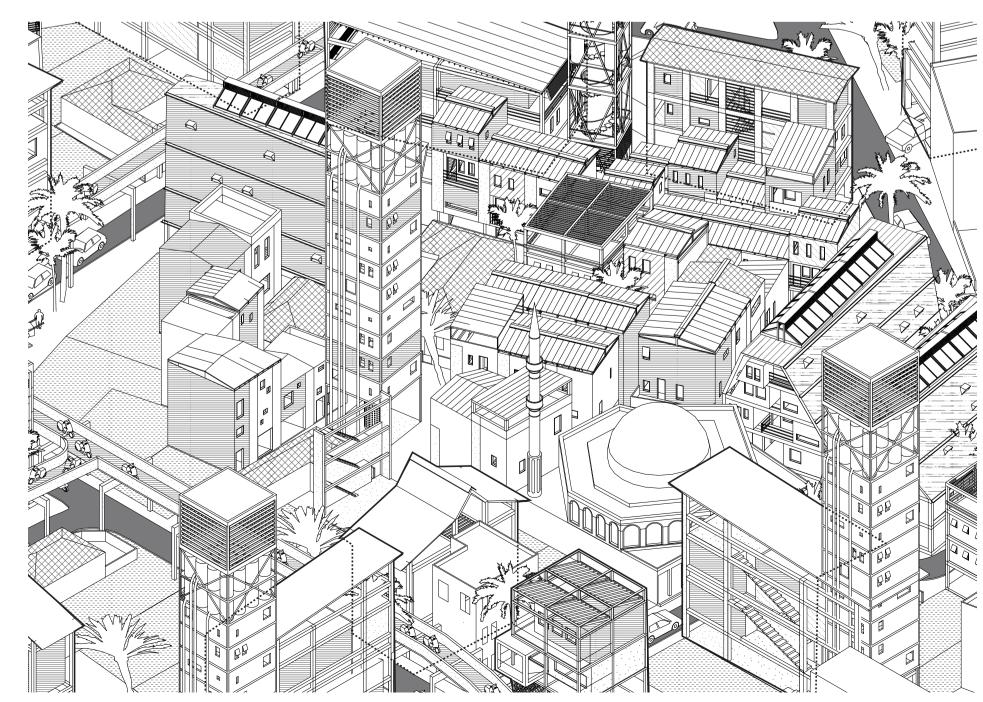
Future situation site a



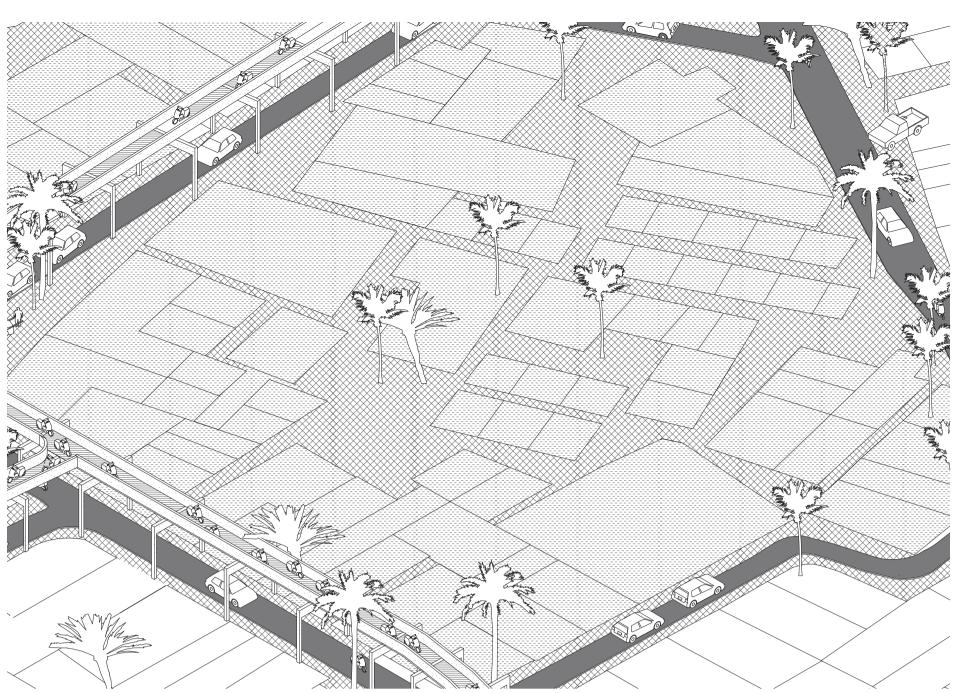
1. Current plot division

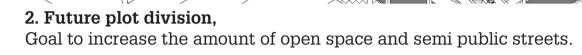


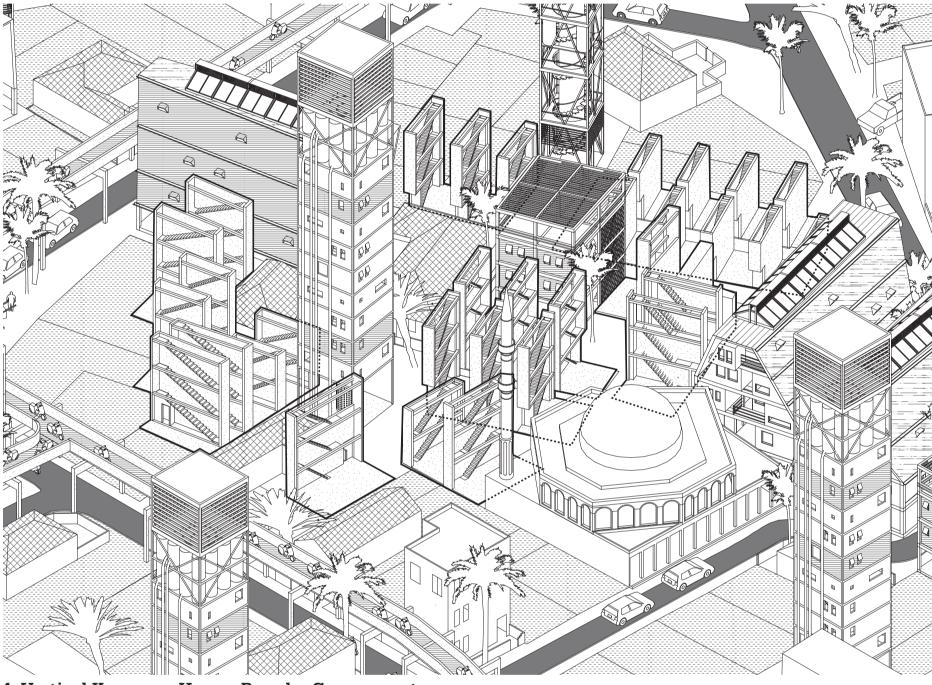
3. Windcatchers



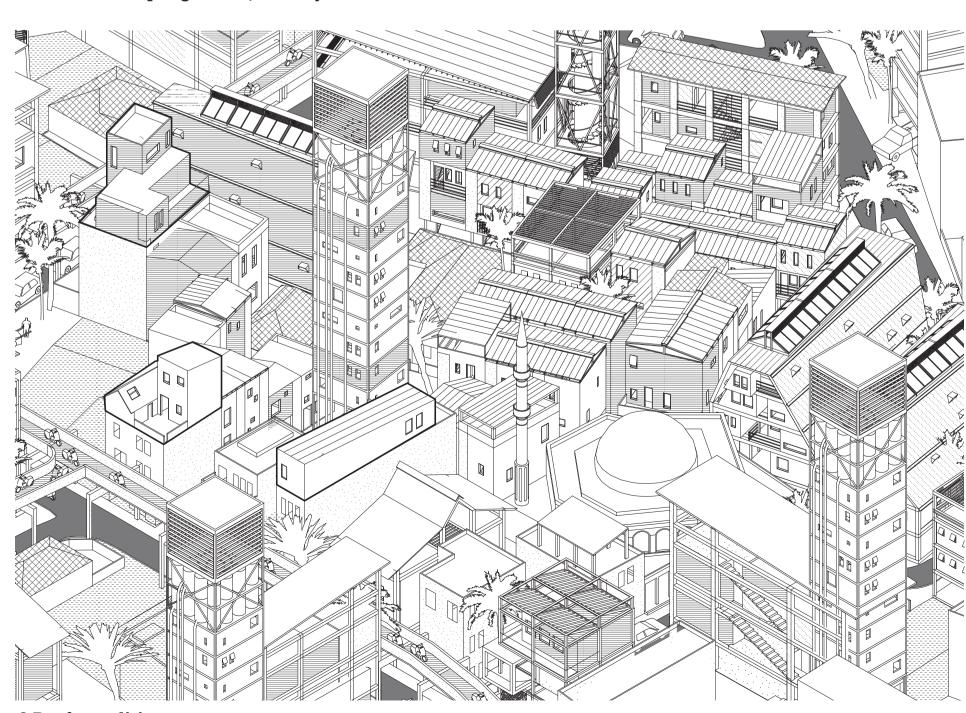
7. Vertical Family House, Construction by government, filled in by large kampung families



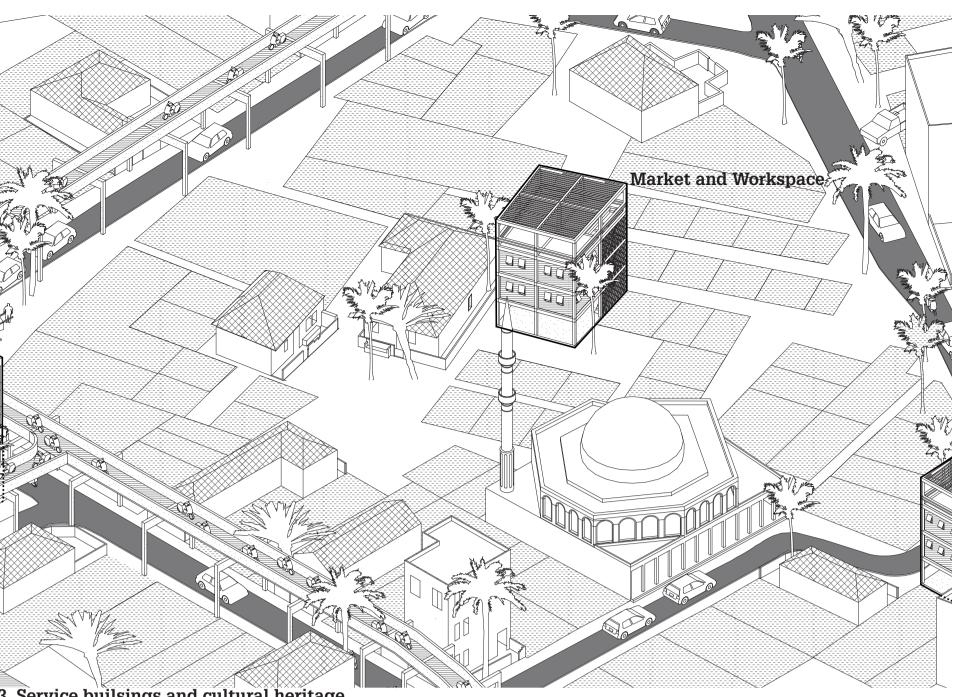




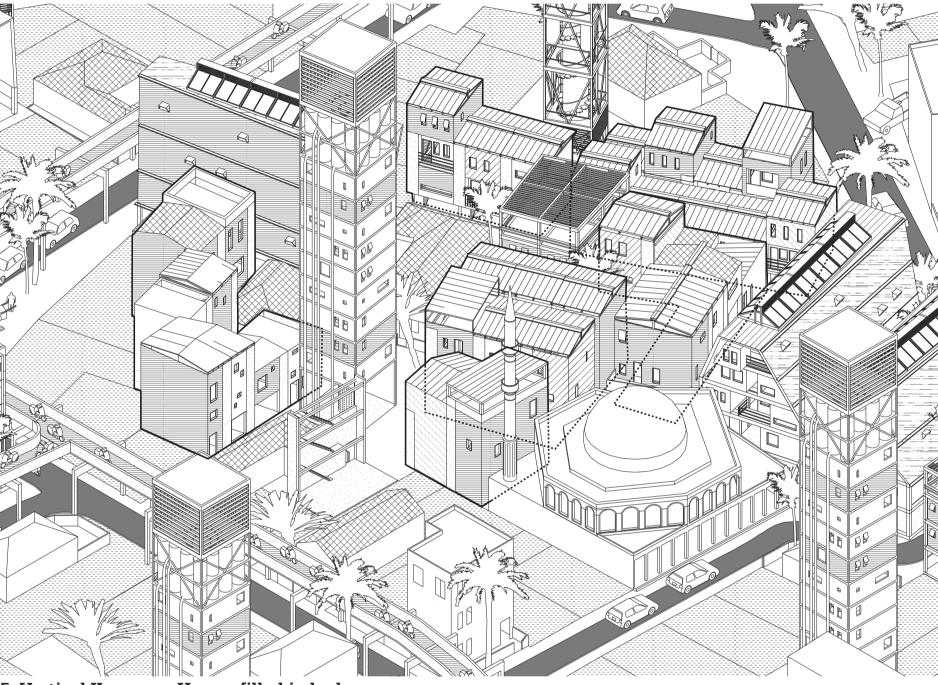
4. Vertical Kampung House, Base by Government



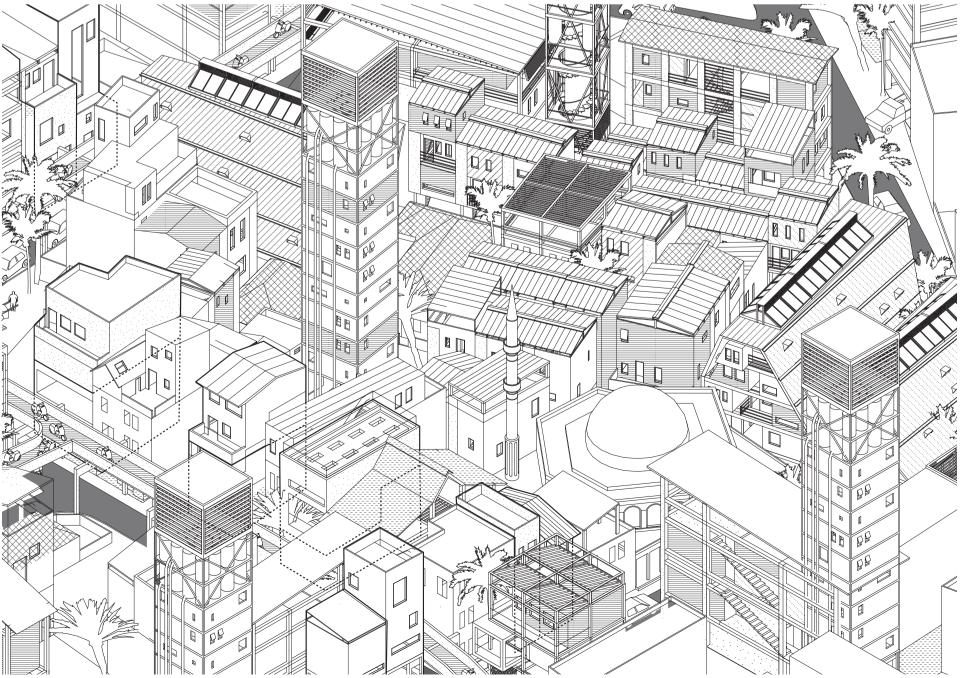
8 Rooftop aditions



3. Service builsings and cultural heritage



5. Vertical Kampung House, filled in by kampung



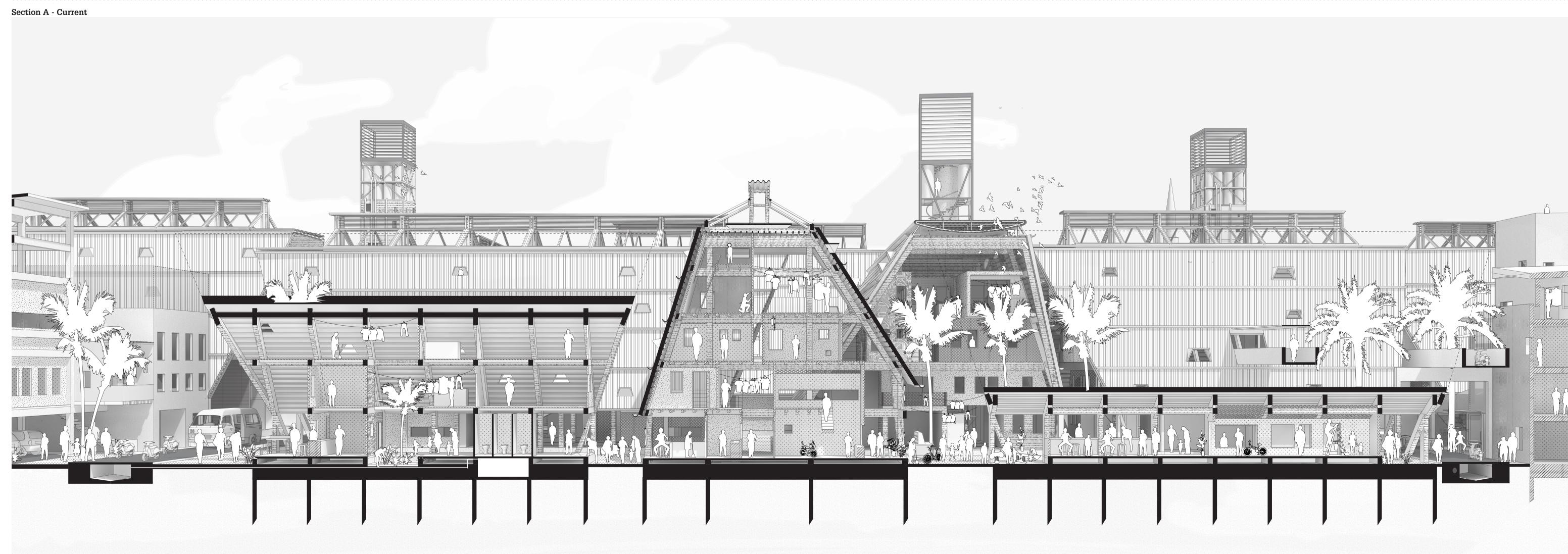
9. Split buildings



Section A - Current







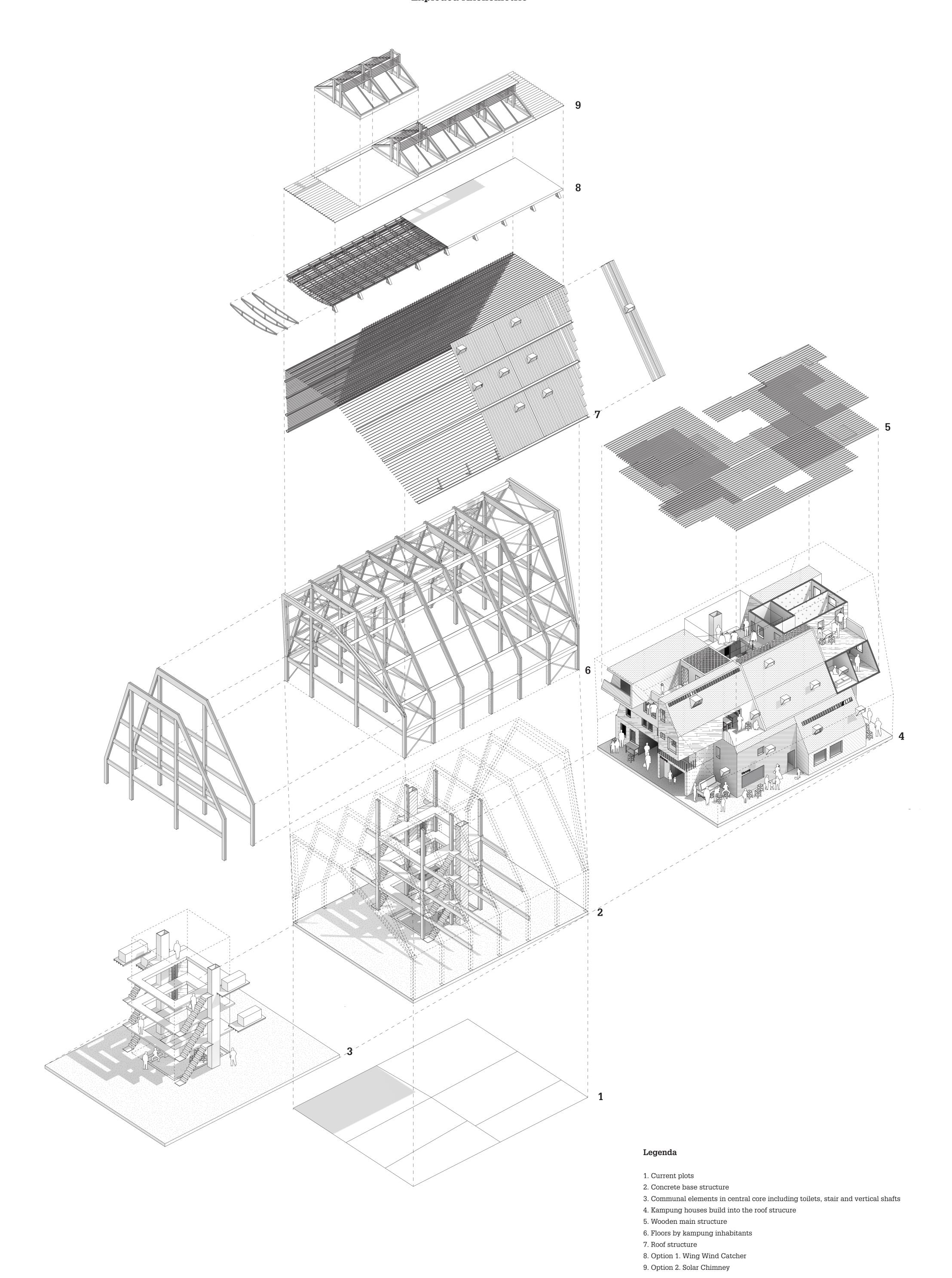


Section A - Current



Communal Roof

Exploded Axonometrie



Details Communal Roof

