

Mass Housing

MASS HOUSING

- Group of individual dwellings or appartement houses
- Ususally of similar design and built by the same organization/management
- Design to facilitate housing to large population working for or belonging to certain organization

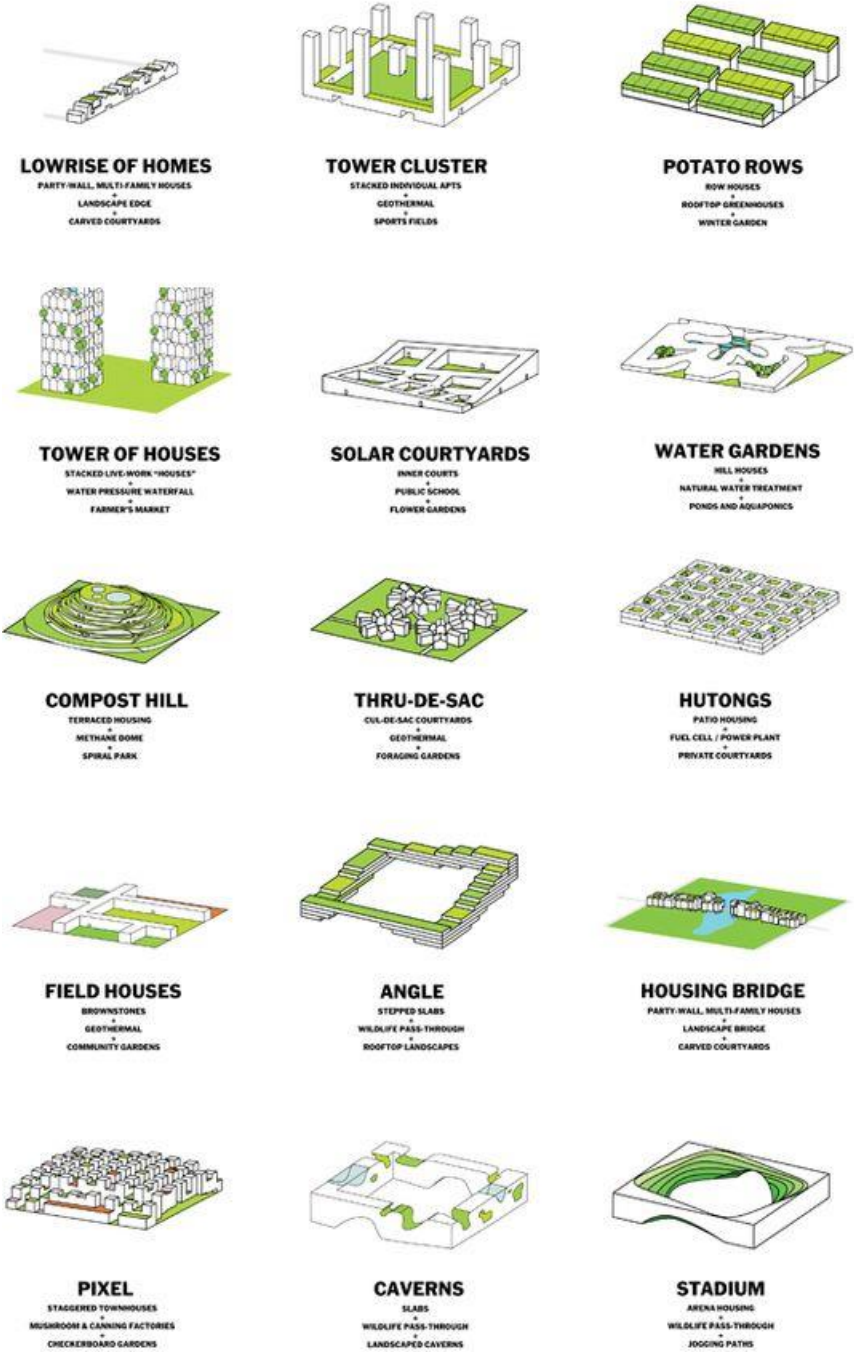




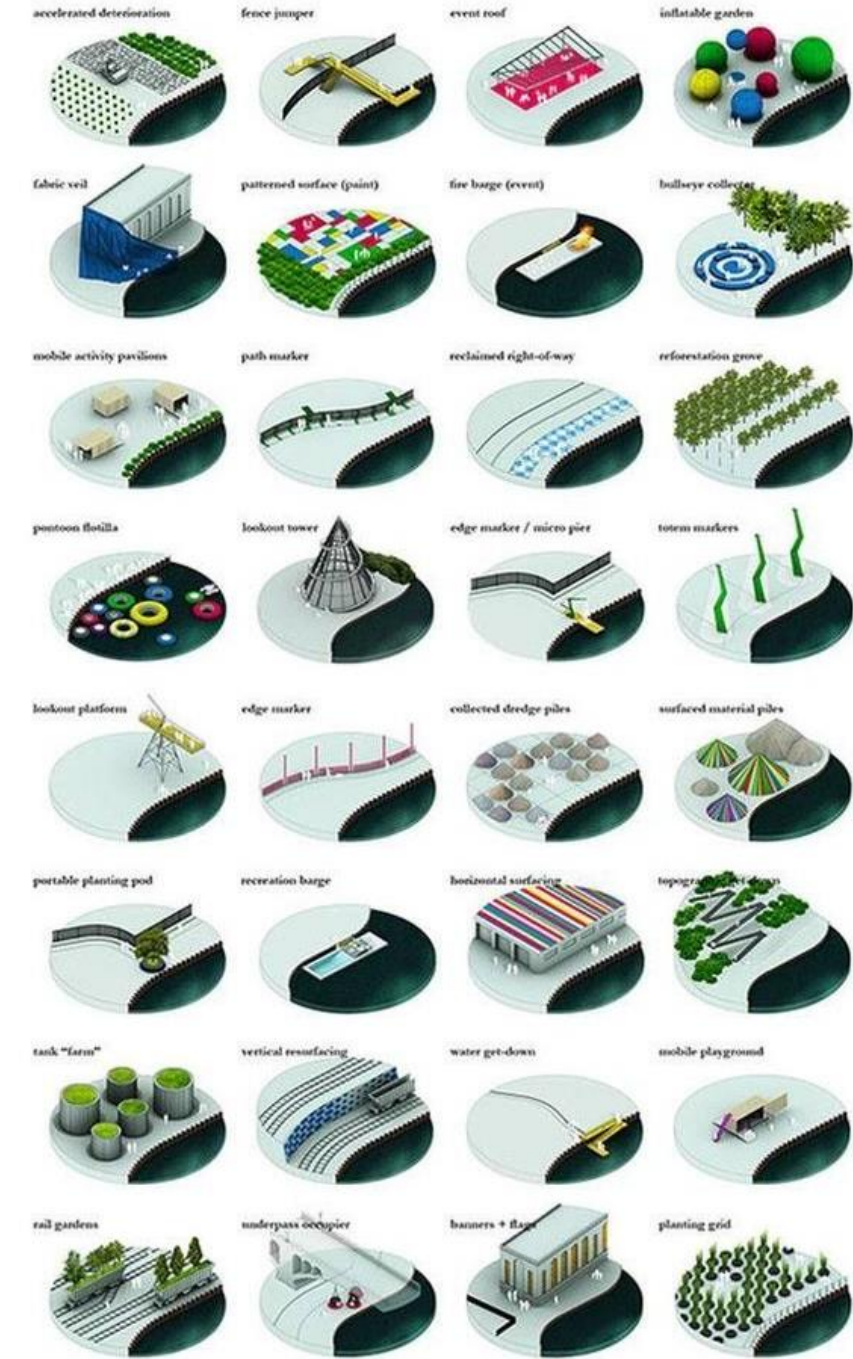




Housing Typologies



Design Instruments



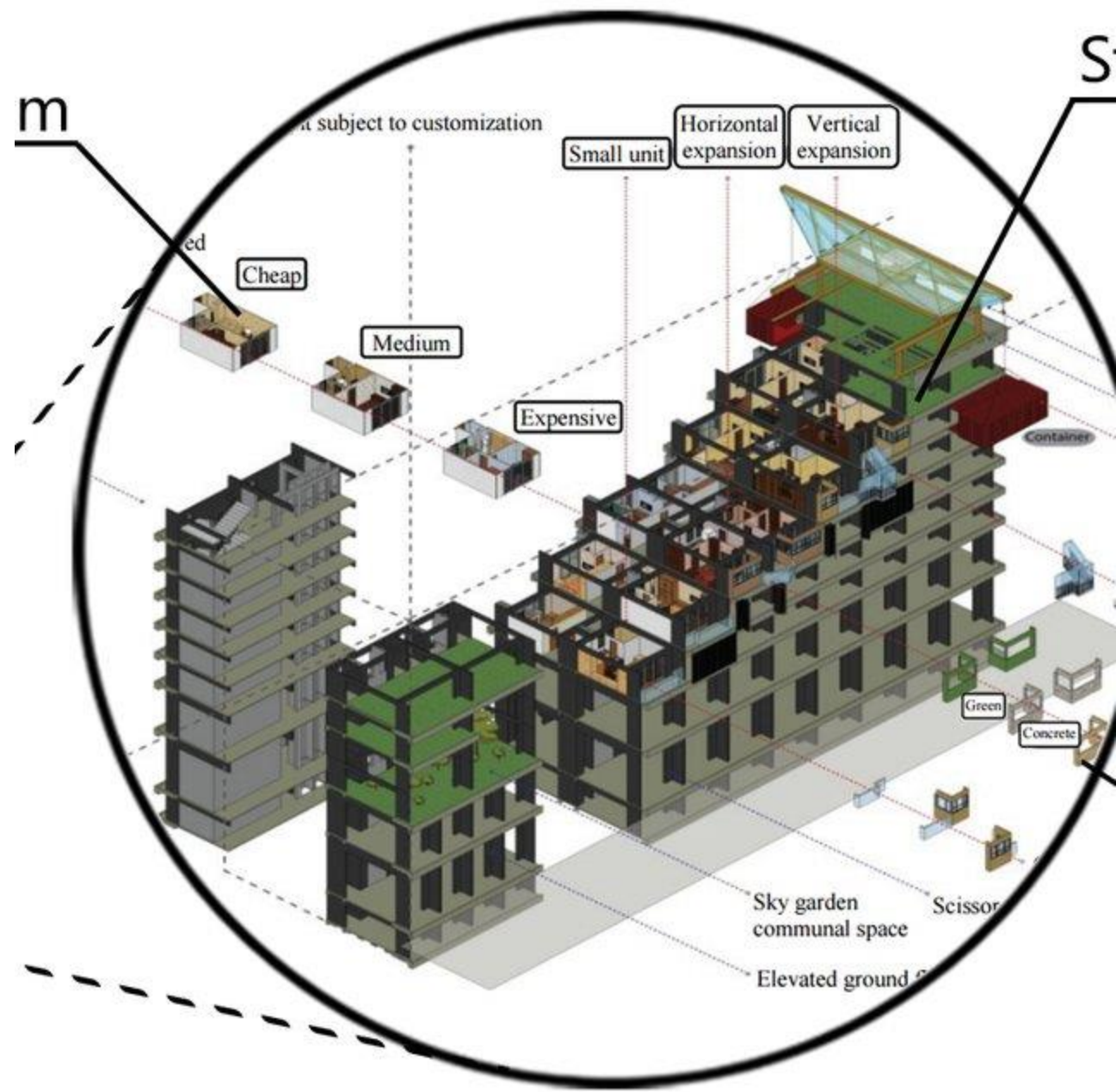
MASS HOUSING AN ARCHITECTURAL SOLUTION

Model T produced in 1908 by Ford Motor Company was the first car to be manufactured by ASSEMBLY LINE PRODUCTION rather than HAND CRAFTED METHOD and became the AFFORDABLE car for mass Americans.

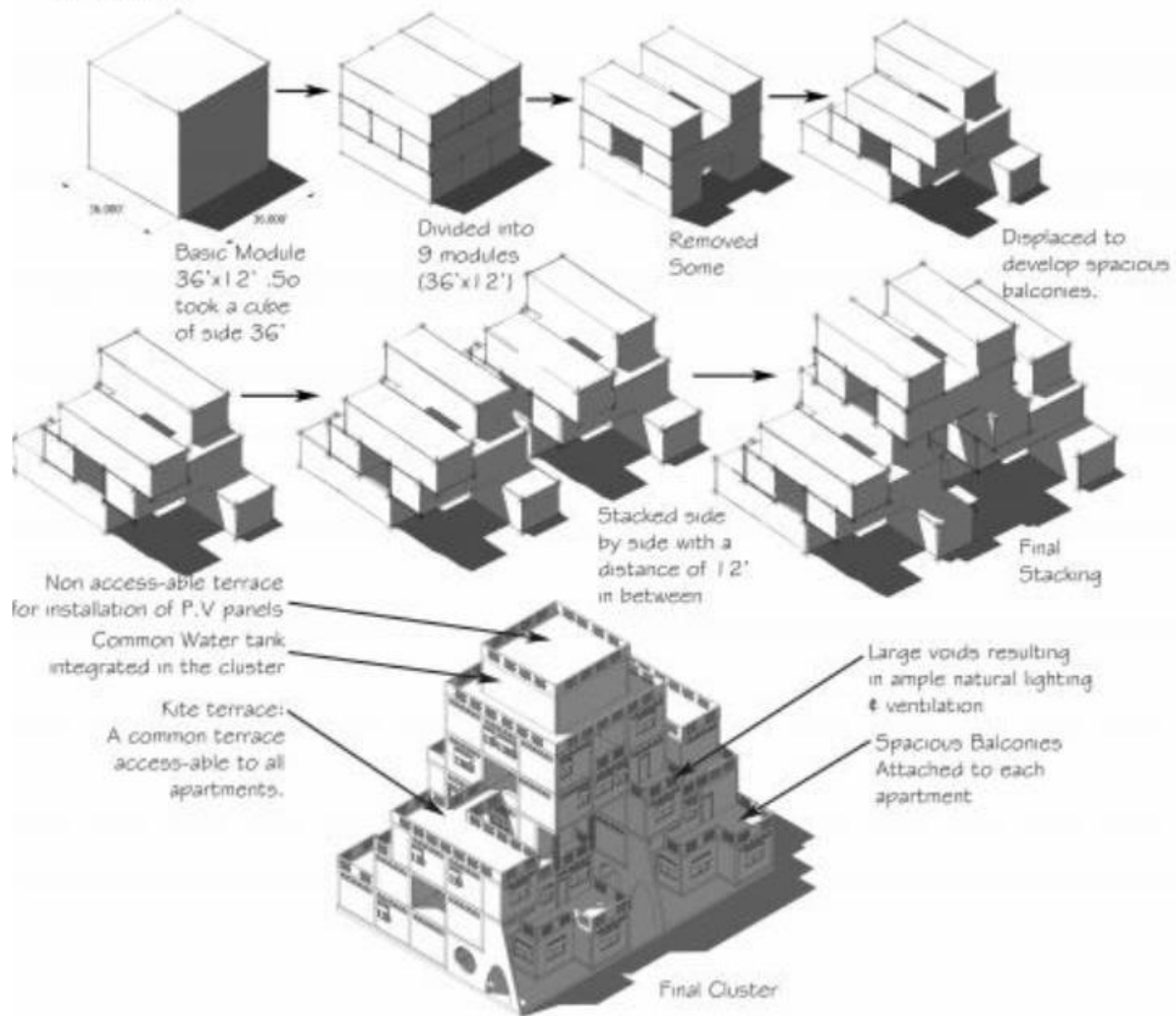


Housing in India is still HAND CRAFTED brick by brick and layer by layer and are un-affordable to large population

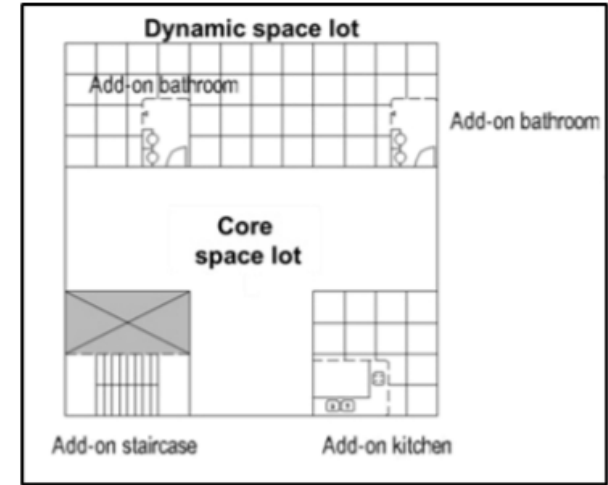




Derivation:

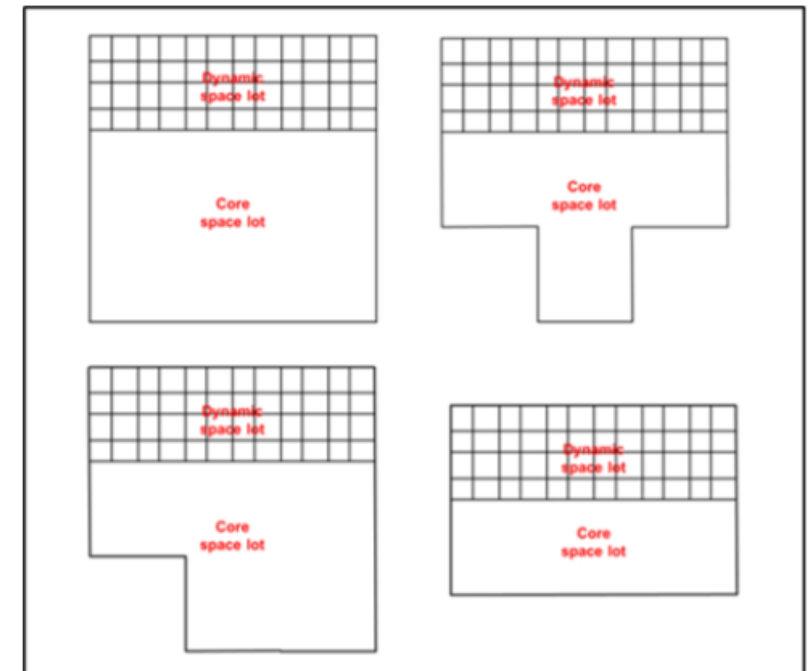


Reconsidering the Design of High-rise Mass Housing in Tropical Climates - A Case Study in Malaysia



Basic architectural plan

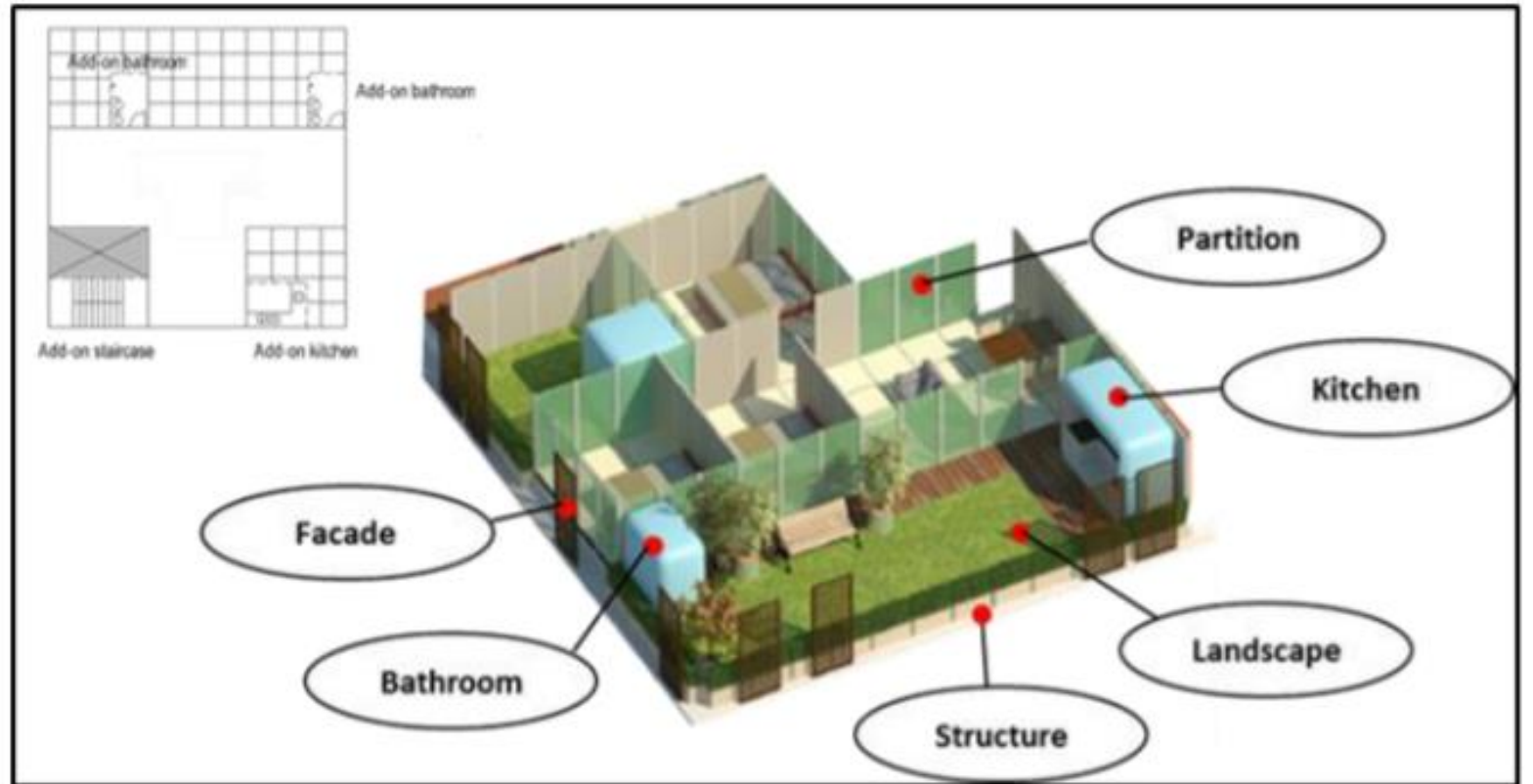
Various shapes of basic dwelling unit



Different variations in the arrangement and partitioning of D3 basic dwelling unit



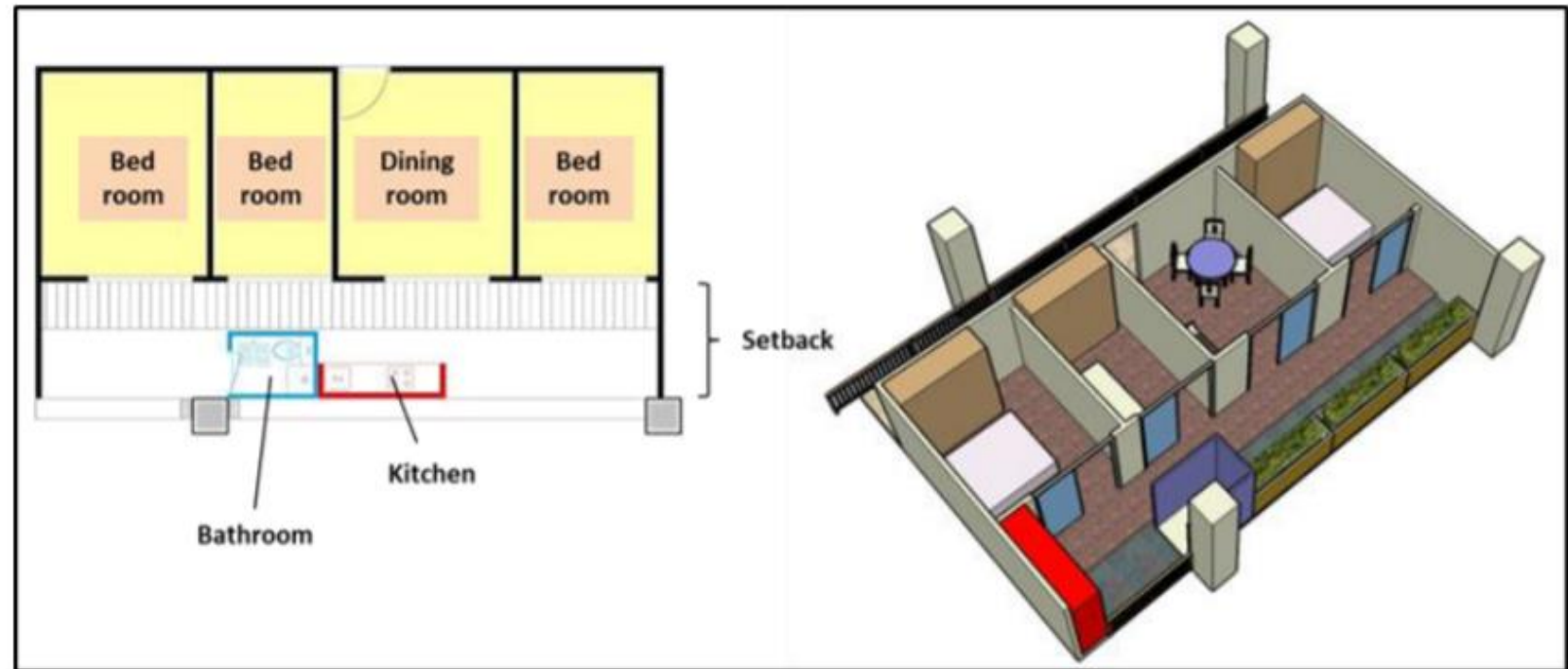
Independent buildings system



Examples of flexible façade combination



Typical D3 apartment layout



FAKTOR DESAIN *MASS HOUSING*

- Penataan ruang dan fungsional
- Potensi untuk memperluas ruang untuk meningkatkan penggunaan penghuni
- Memaksimalkan pencahayaan dan ventilasi alami
- Kontinuitas konsep perumahan tradisional menjadi pengembangan perumahan kontemporer modern