

## Orientation

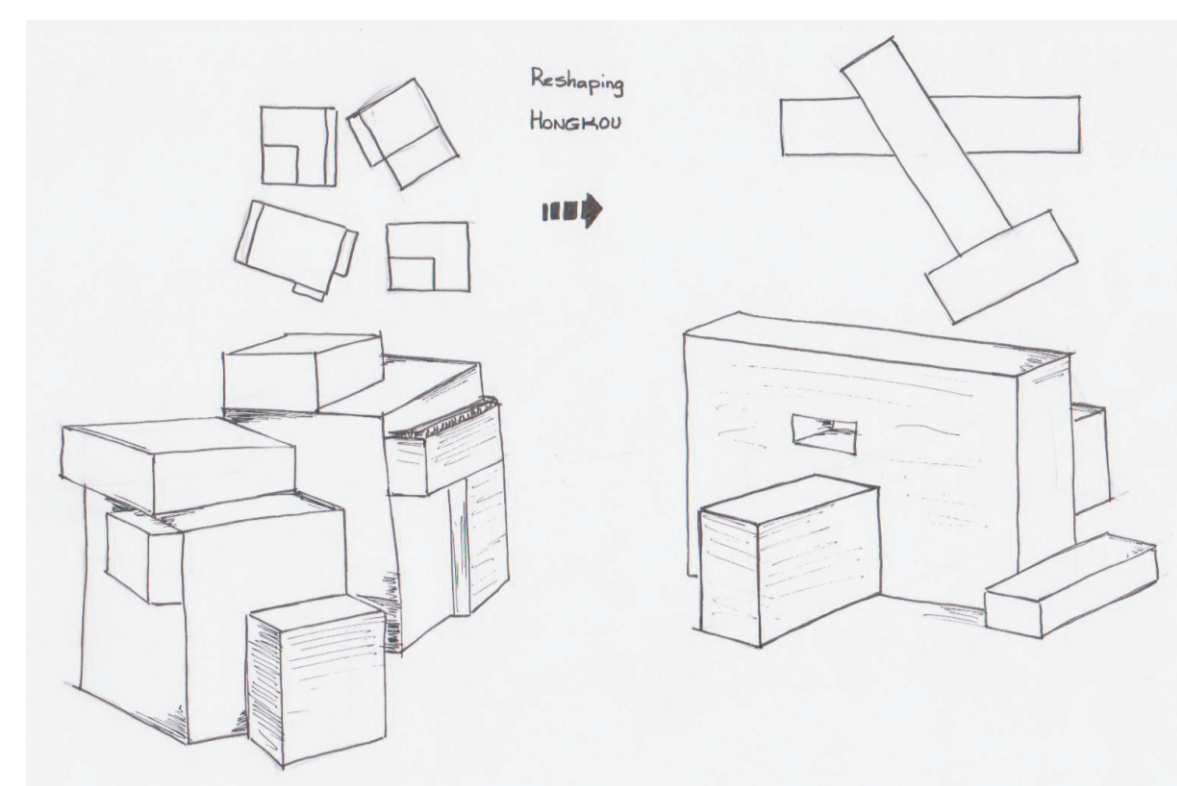


Feng Shui is a Chinese philosophy, belief and a technique, which was used in the traditional Chinese Architecture for choosing the site and the orientation of the buildings and gardens, according to local features, such as, water, stars, compass and wind. Even the meaning of Feng Shui in Mandarin states these elements. Feng Shui means: Wind, Water.

This was used in ancient China as a system of Aesthetics and it was believed that Feng Shui Techniques would use the laws of heaven and earth to help improve life by receiving positive «Qi», and to maximize the potential of land.

Qi, means the flow of energy and in Feng Shui, it would include the orientation of structure and its interaction with the surroundings microclimates, slope of the land and soil quality.

## Orientation Design Strategy

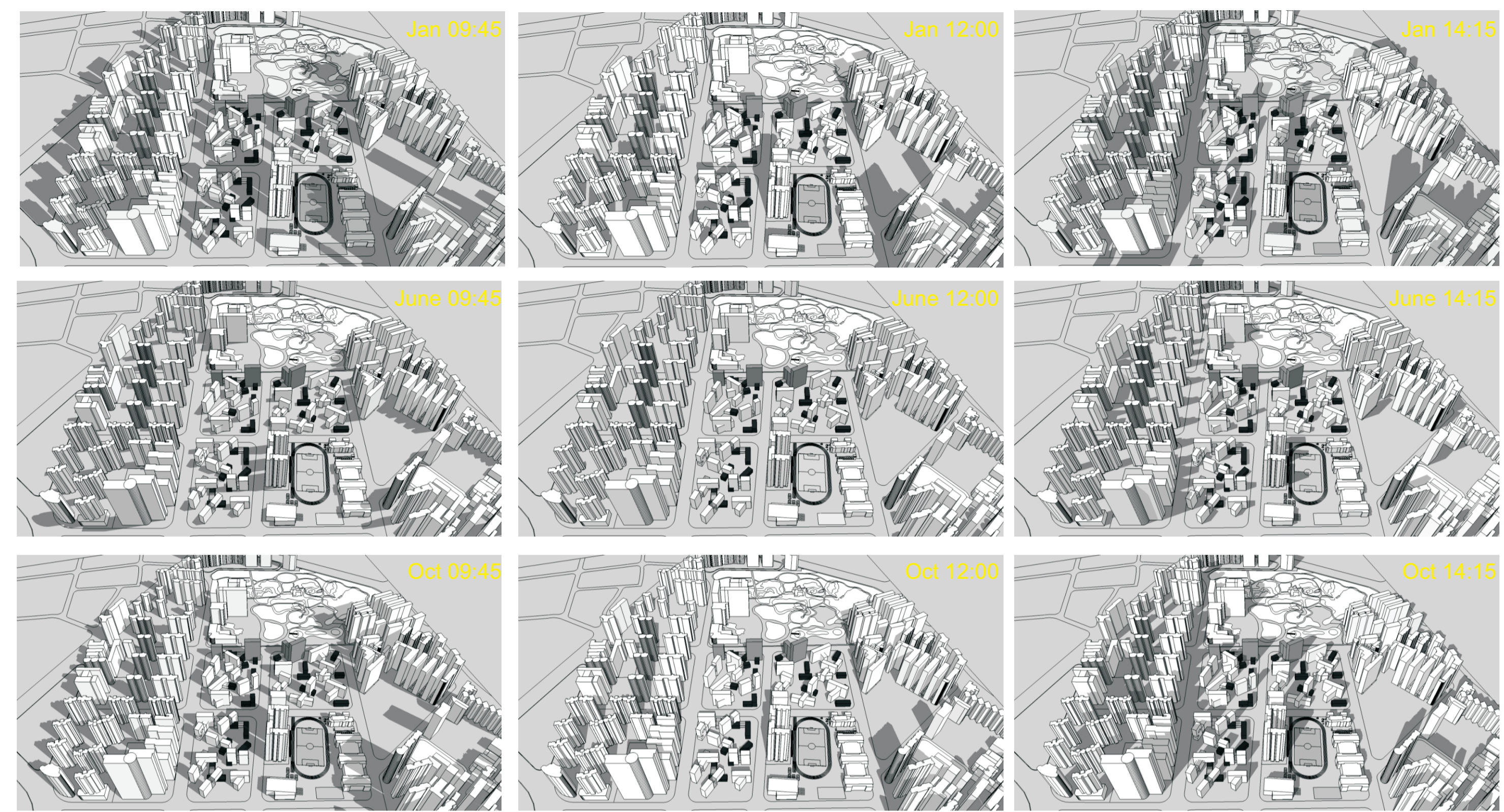


The orientation of the buildings in today's Hongkou is very much random. I wanted to keep the same irregularity in direction, while keeping in mind how to maximize the benefits of using the sunlight for lighting the building and minimizing the negative effects of the heat gain on the southern facade.

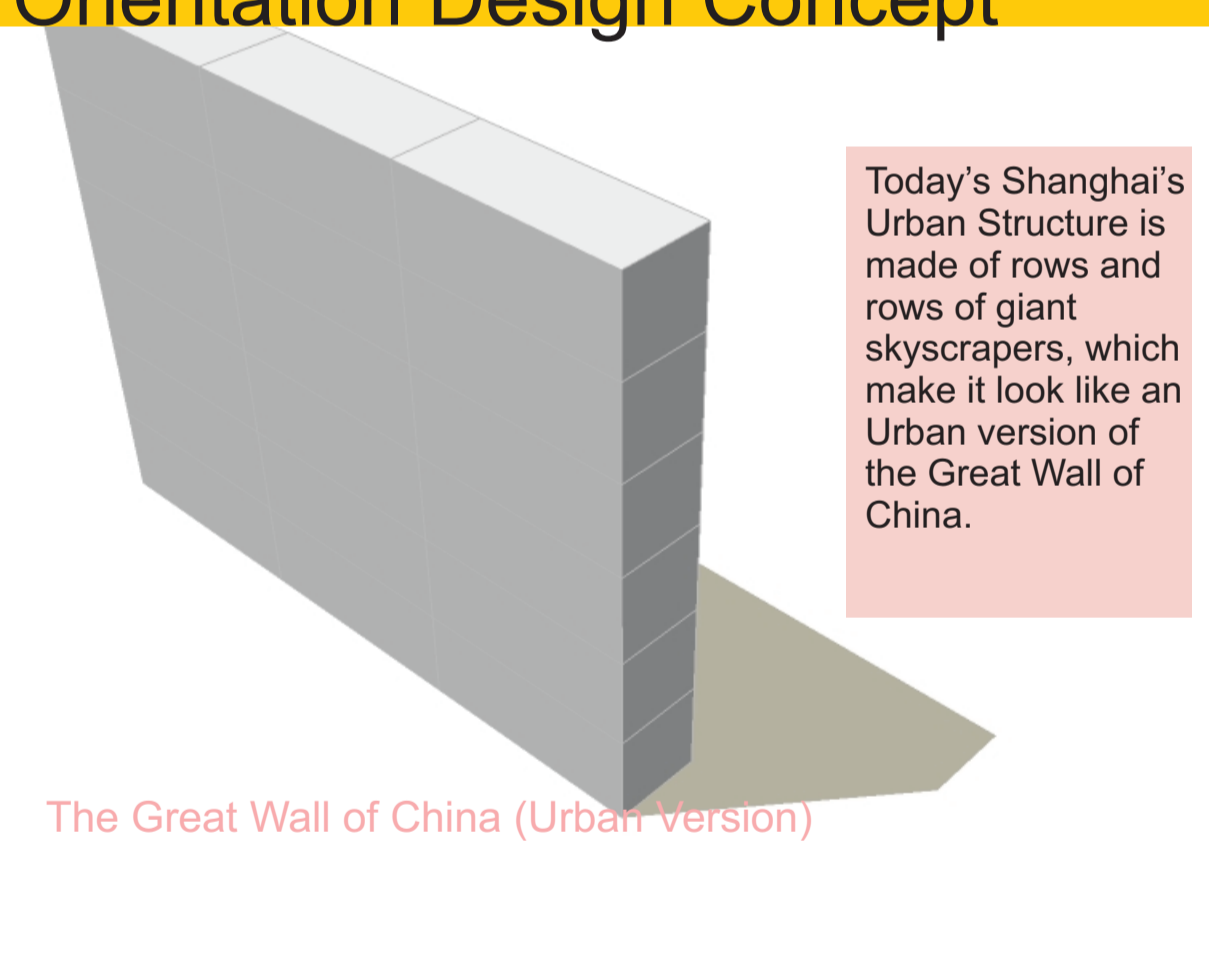
The Masterplan and the orientation of the buildings, are carefully designed and calculated, in order to provide the best use of sunlight for all buildings and all of the residents.

This will also give our project a unique characteristic in the neighborhood and it makes it very different from other buildings. Qi, means the flow of energy and in Feng Shui, it would include the orientation of structure and its interaction with the surroundings microclimates, slope of the land and soil quality.

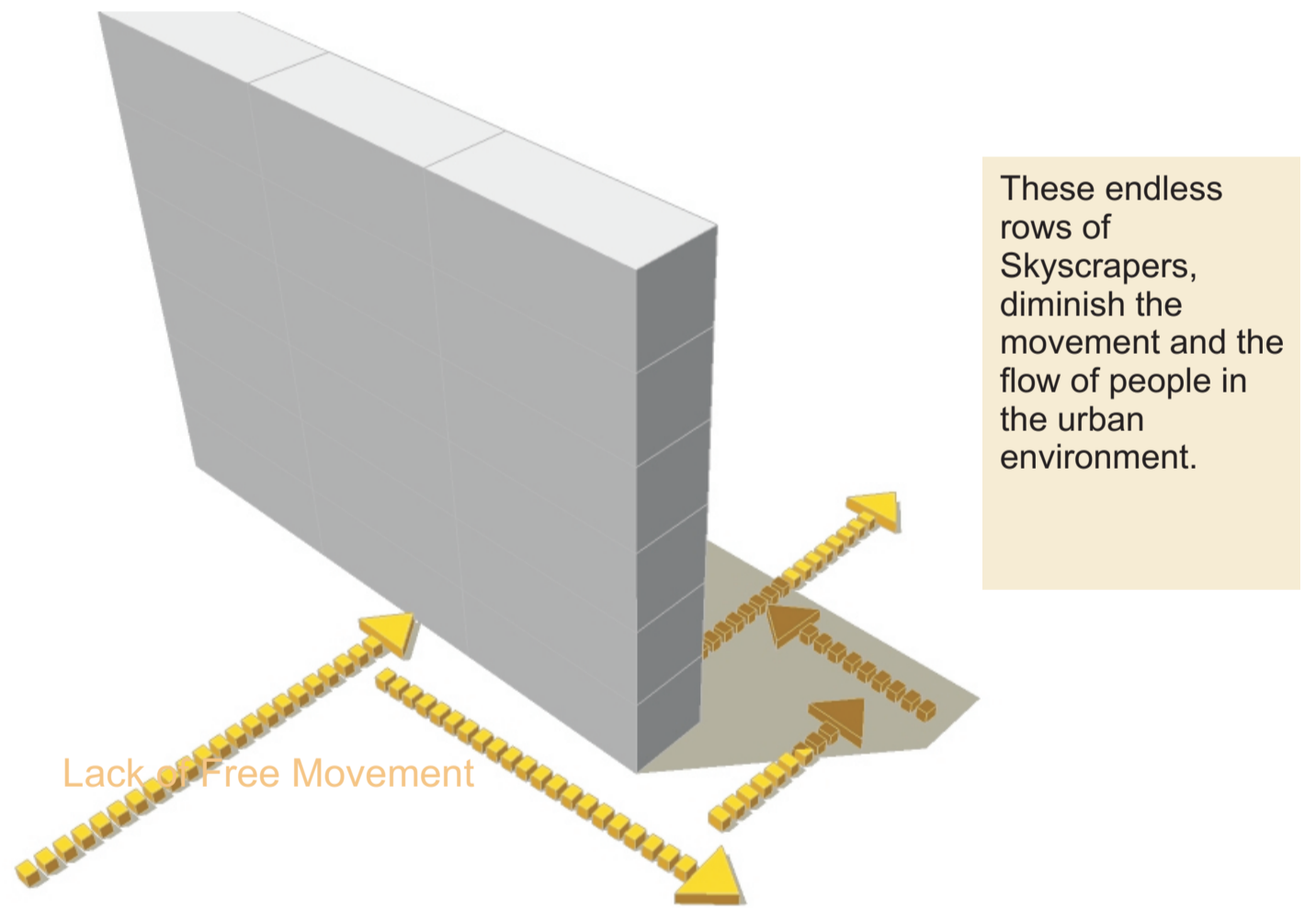
## Shadow Analysis



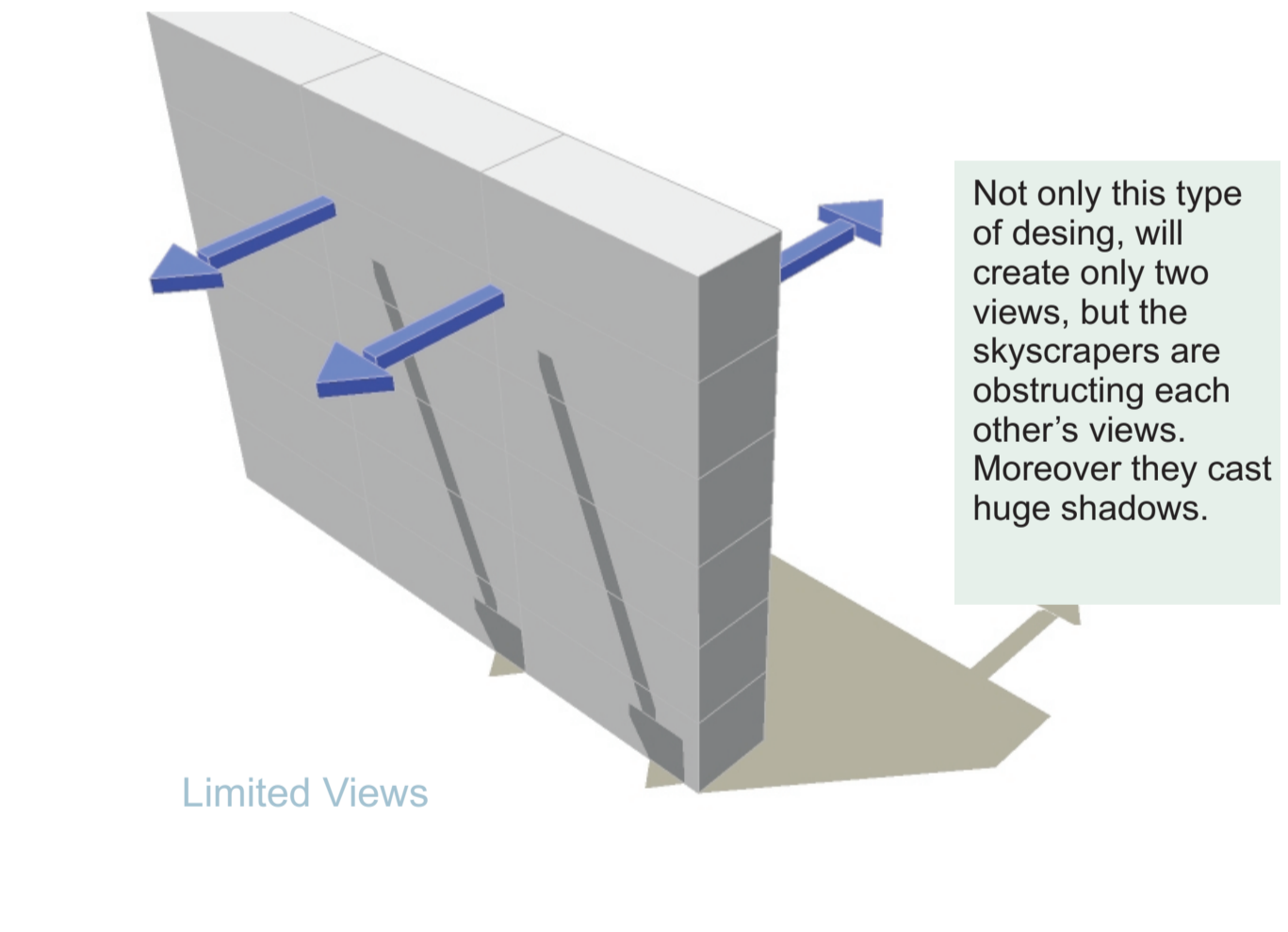
## Orientation Design Concept



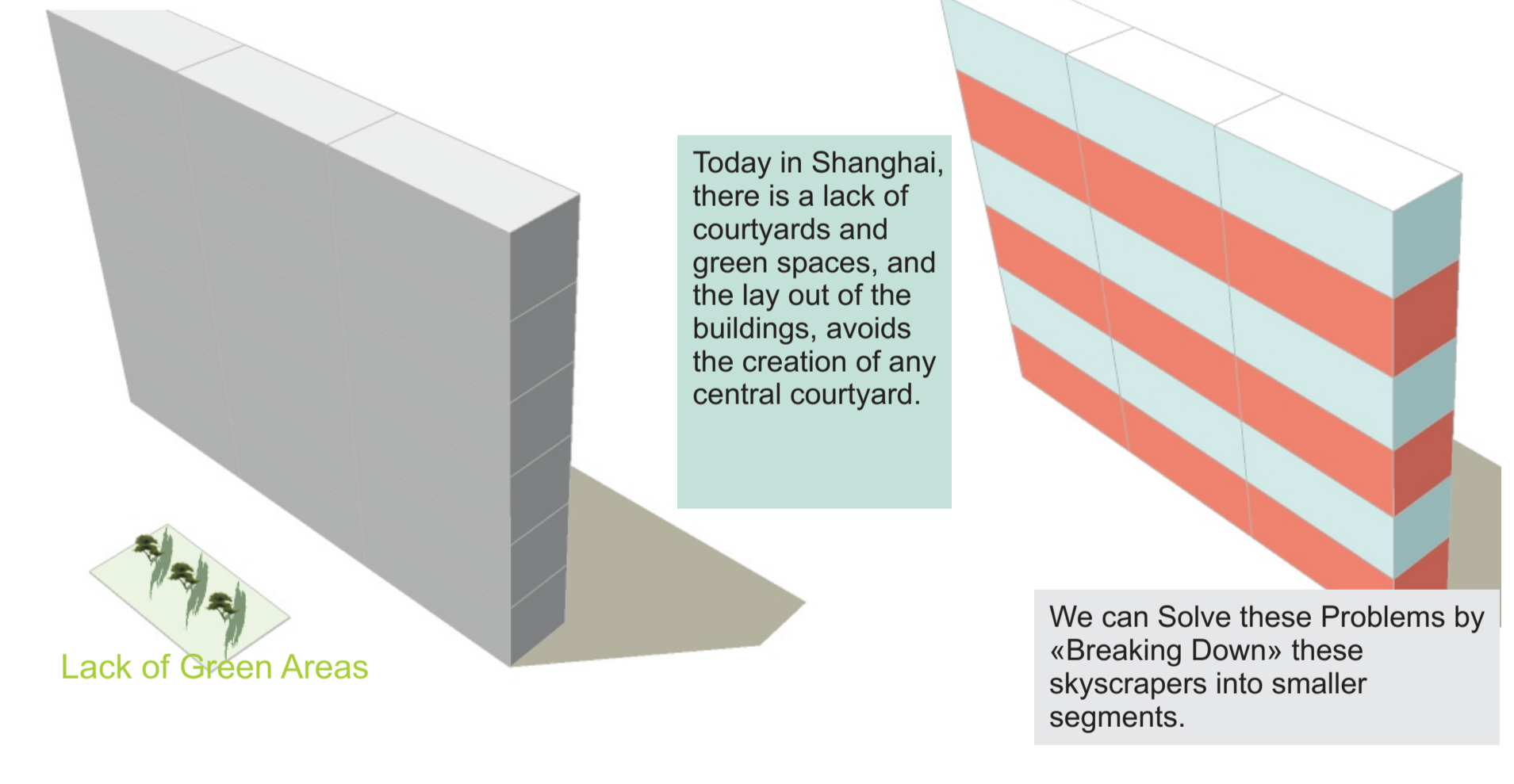
Today's Shanghai's Urban Structure is made of rows and rows of giant skyscrapers, which make it look like an Urban version of the Great Wall of China.



These endless rows of Skyscrapers, diminish the movement and the flow of people in the urban environment.

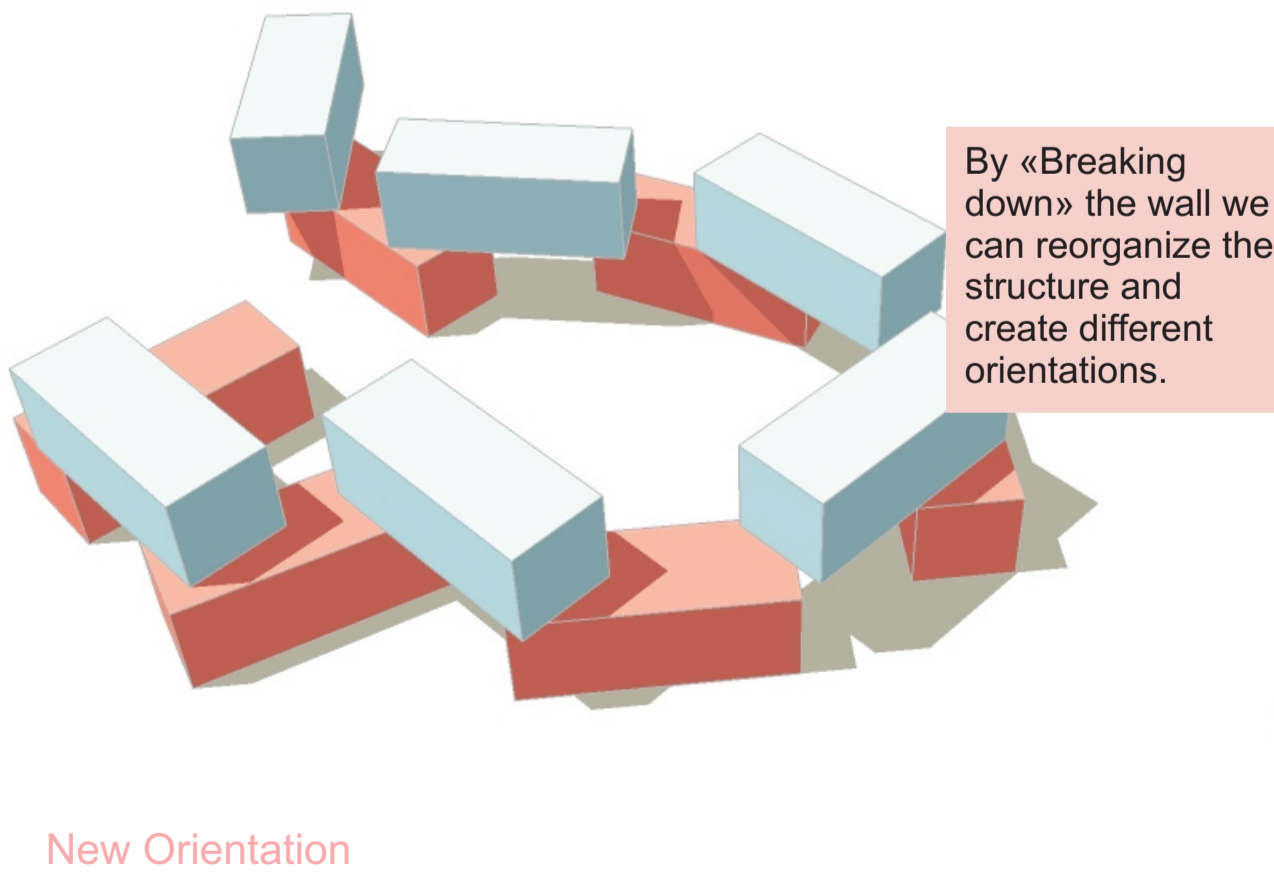


Not only this type of design, will create only two views, but the skyscrapers are obstructing each other's views. Moreover they cast huge shadows.

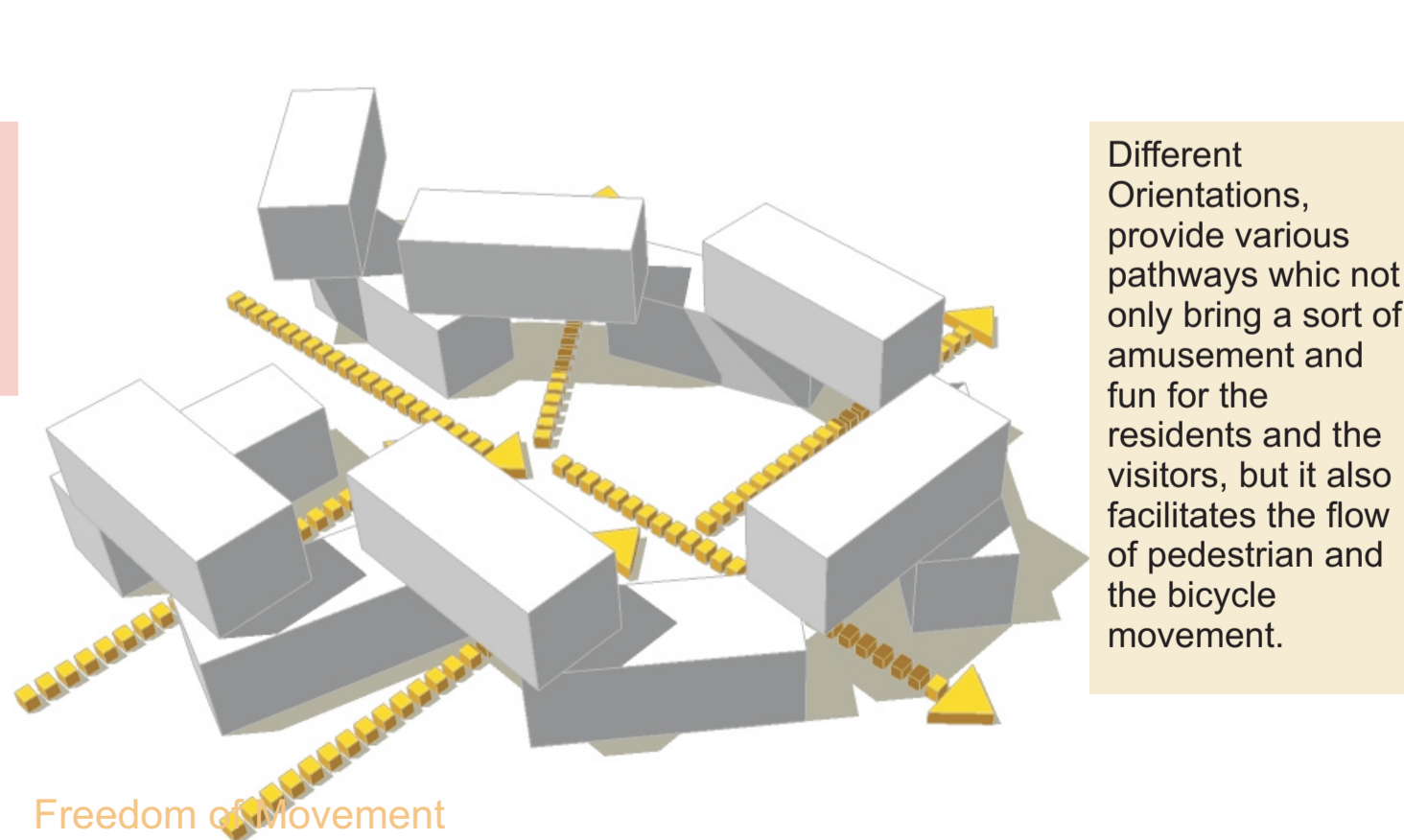


Today in Shanghai, there is a lack of courtyards and green spaces, and the layout of the buildings, avoids the creation of any central courtyard.

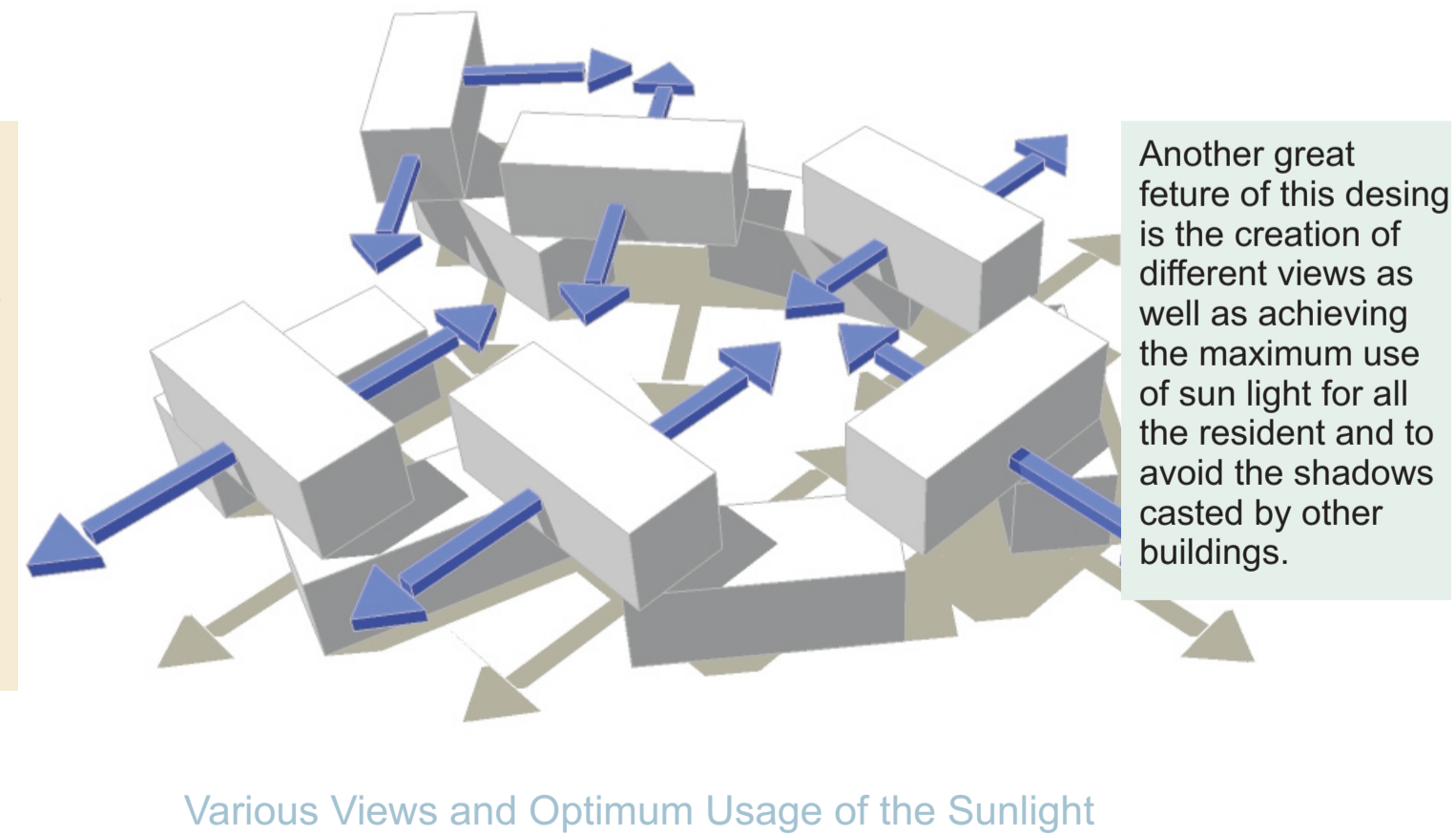
We can Solve these Problems by «Breaking Down» these skyscrapers into smaller segments.



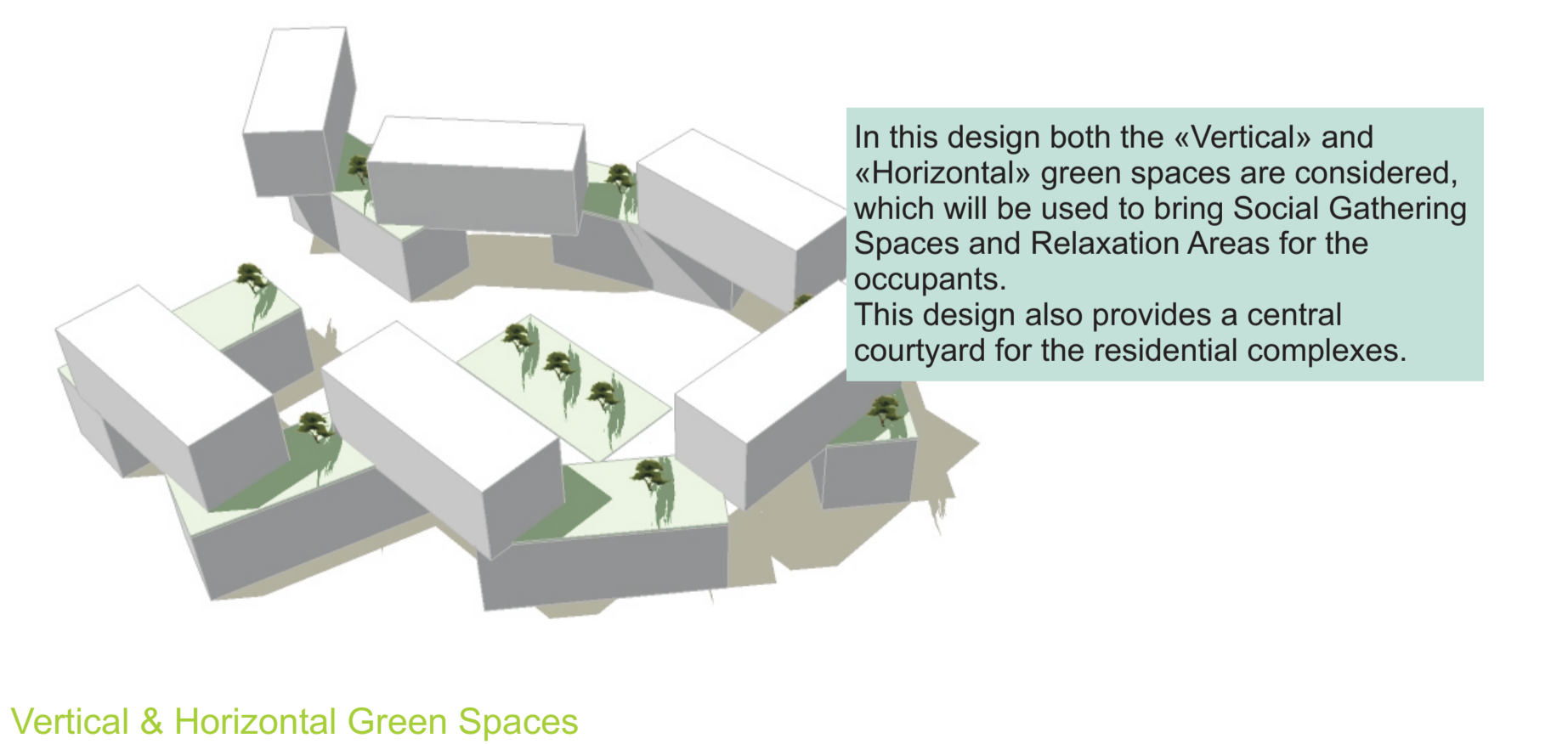
By «Breaking down» the wall we can reorganize the structure and create different orientations.



Different Orientations, provide various pathways which not only bring a sort of amusement and fun for the residents and the visitors, but it also facilitates the flow of pedestrian and the bicycle movement.



Another great feature of this design is the creation of different views as well as achieving the maximum use of sun light for all the resident and to avoid the shadows casted by other buildings.



In this design both the «Vertical» and «Horizontal» green spaces are considered, which will be used to bring Social Gathering Spaces and Relaxation Areas for the occupants. This design also provides a central courtyard for the residential complexes.