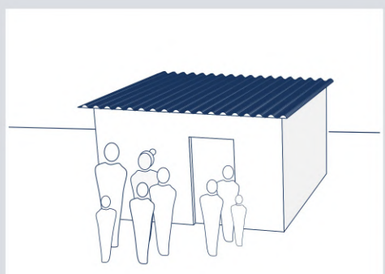
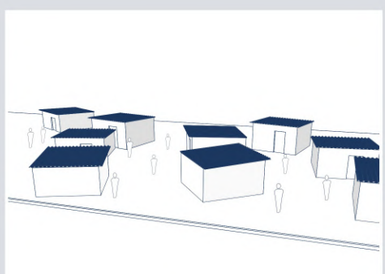
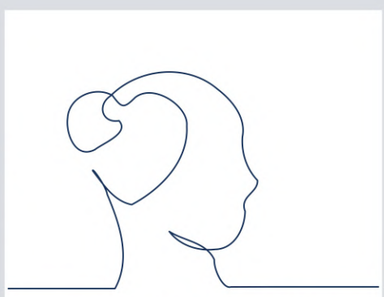
4 Impilo Complex

Consept:

Recognizing the multifaceted nature of the issues plaguing Khayelitsha, the proposed complex aims to take a comprehensive approach, focusing on uplifting the community without uprooting its residents. By prioritizing mental health support, fostering community engagement, and implementing targeted interventions in areas such as security, economic development, and ecological sustainability, the project seeks to create a framework for sustainable transformation. By empowering residents to actively participate in the improvement of their surroundings and addressing the root causes of their challenges, the complex aims to foster resilience and self-sufficiency within Khayelitsha, ultimately leading to a more vibrant, inclusive, and thriving


communal living

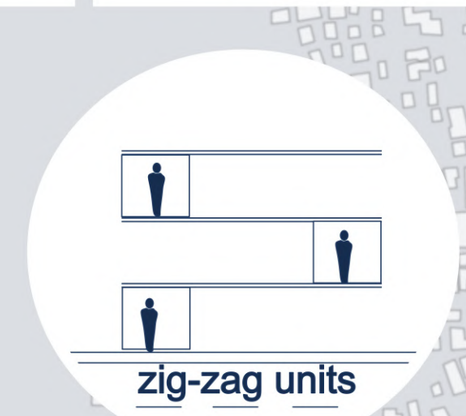

public space


mental health


culture


existing street


stacked street


zig-zag units

Context and Problem Statement:

Khayelitsha is emblematic of the deep-rooted social and economic challenges faced by South Africa. Stemming from historical injustices during apartheid, informal settlements like Khayelitsha have become a permanent fixture, separate from the growing economy of Cape Town. It serves as the only viable option for many marginalized individuals and families, and this prohibits them from reaching and even comprehending their full potential.

Despite various interventions aimed at addressing specific issues within Khayelitsha, such as housing, infrastructure, and employment, the underlying problems persist. The community grapples with issues like high population density, inadequate security, economic stagnation, environmental degradation, cultural disconnection, and poor mental health. Previous approaches fail to grasp the complexity of the situation, merely scratching the surface of deeper systemic issues. There is a critical need for a holistic complex that acknowledges and addresses the interconnected nature of these challenges to foster sustainable change within Khayelitsha.


commercial roof

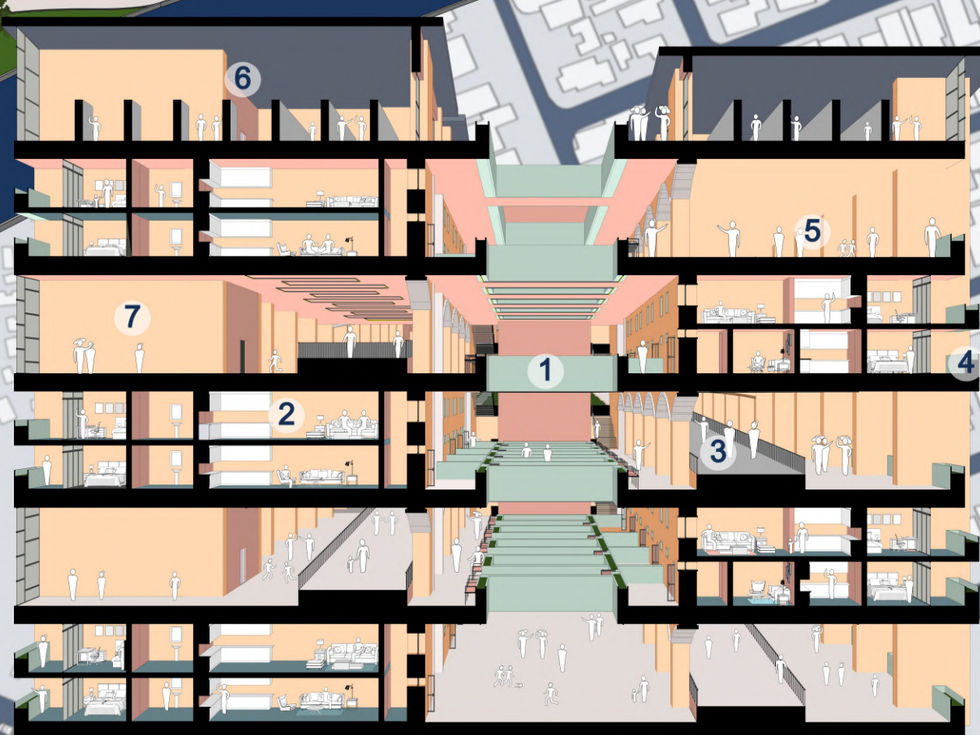

public intersection


partitioned unit entrance



section

1 void
2 residence unit
3 access ramp
4 planter box
5 walkway
6 retail space
7 vertical circulation core



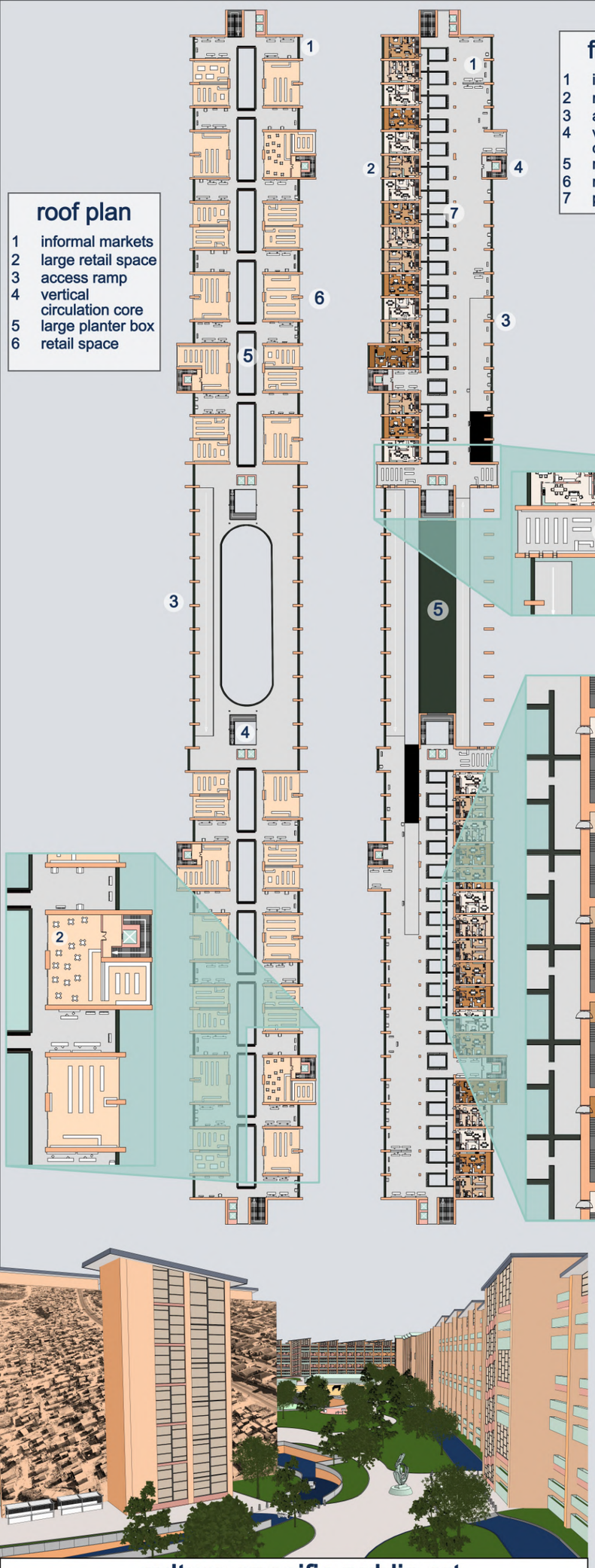
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roof plan

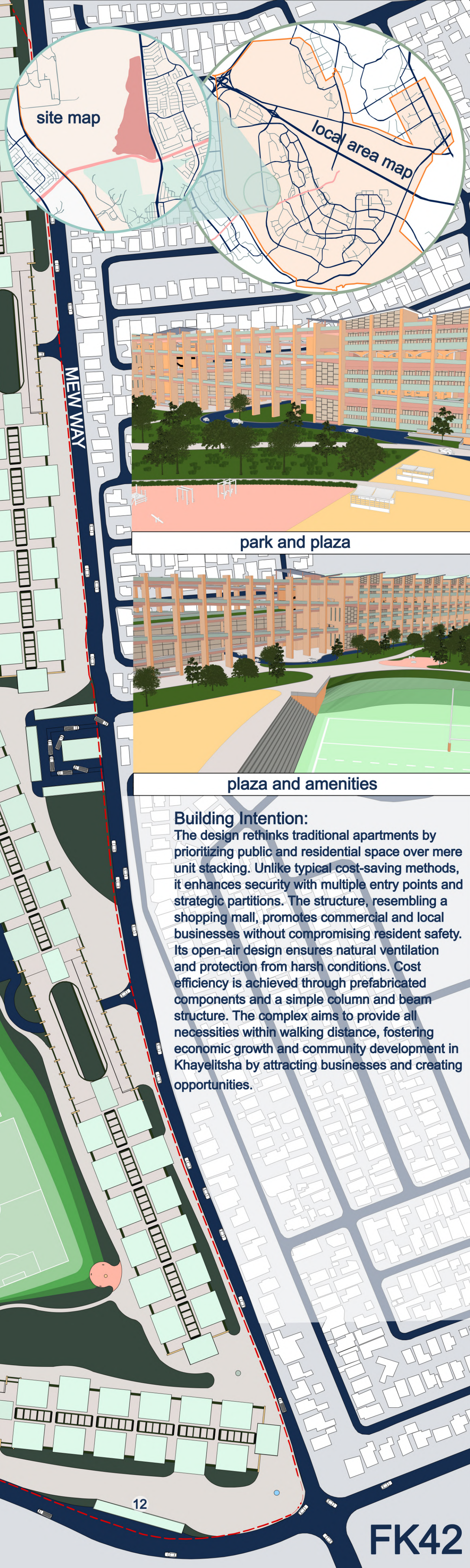
1 informal markets
2 large retail space
3 access ramp
4 vertical circulation core
5 large planter box
6 retail space

first floor

1 informal markets
2 residential space
3 access ramp
4 vertical circulation core
5 roof park
6 retail space
7 partition planters



culture specific public art



park and plaza

plaza and amenities

Building Intention:

The design rethinks traditional apartments by prioritizing public and residential space over mere unit stacking. Unlike typical cost-saving methods, it enhances security with multiple entry points and strategic partitions. The structure, resembling a shopping mall, promotes commercial and local businesses without compromising resident safety. Its open-air design ensures natural ventilation and protection from harsh conditions. Cost efficiency is achieved through prefabricated components and a simple column and beam structure. The complex aims to provide all necessities within walking distance, fostering economic growth and community development in Khayelitsha by attracting businesses and creating opportunities.

Mental Health:

This design attempts to answer the underlying problems of high density, security, economic stagnation and poor infrastructure. Therefor along with user centric design that is spacious and provides more opportunities will help the situation. The apartment complex concept embraces the existing community, and this allows for the intervention to truly be holistic. Although it tackles a small percentage of the population it creates a framework for future development and mental wellbeing would definitely improve in such conditions.

site plan

1 rugby field
2 soccer field
3 clubhouse
4 outdoor gym
5 braai area
6 shopping centre
7 playground
8 plaza
9 park
10 place of religion
11 taxi rank
12 bus stop
13 statue
14 residential parking

FK42