AMERICAN UNIVERSITY OF BEIRUT Department of Architecture & Design Faculty of Engineering & Architecture

The Other Dimensions of Sport

UNDERGRADUATE DESIGN THESIS
IN ARCHITECTURE

By Hiba Nabil Itani May 19, 2020 AMERICAN UNIVERSITY OF BEIRUT

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THE OTHER DIMENSIONS OF SPORT

by HIBA NABIL ITANI

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ABSTRACT

The standard of sports in Lebanon is at an all-time low. The country's capital, Beirut, suffers from a lack of sports infrastructure and sports culture that is vital for the advancement of Lebanese athletes. More importantly, the approach to sports in the region is lacking. Reaching full potential in sports rests not only on the physical strength of the athlete, but also on the mental and spiritual. Al-Wah'a is a holistic athletic center of excellence that aims to support Lebanese athletes in reaching their full potential and achieving national and international success. Community involvement in sports is a crucial factor in total athlete performance, thus, the sports-system is brought together by a dynamic public-private program that serves the country's top athletes in addition to the community as a whole. Embedded in nature, the center establishes a spiritual connection by closely following biophilic principles of design. In addition, Al Wah'a offers advanced research, learning, and counselling through different programmatic divisions to ensure constant intellectual advancement. The project thus offers a holistic approach to sports by ensuring the balance of all three aspects of mind, body and soul.

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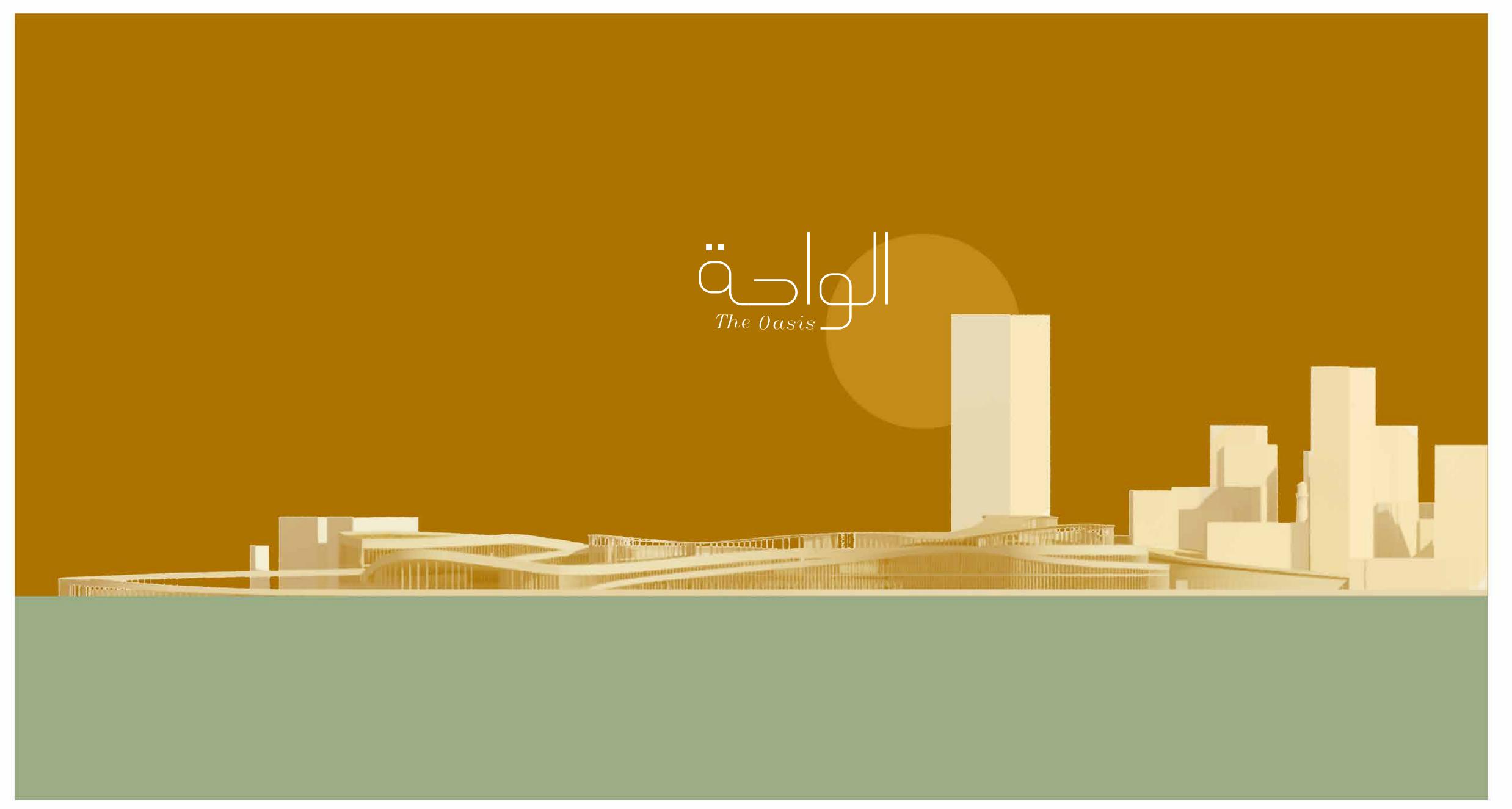
The Other Dimensions of Sport

HIBA ITANI / MAY 2020

"Sport has the power to change the world. It has the power to inspire. It has the power to unite people in a way that little else does. It speaks to youth in a language they understand."

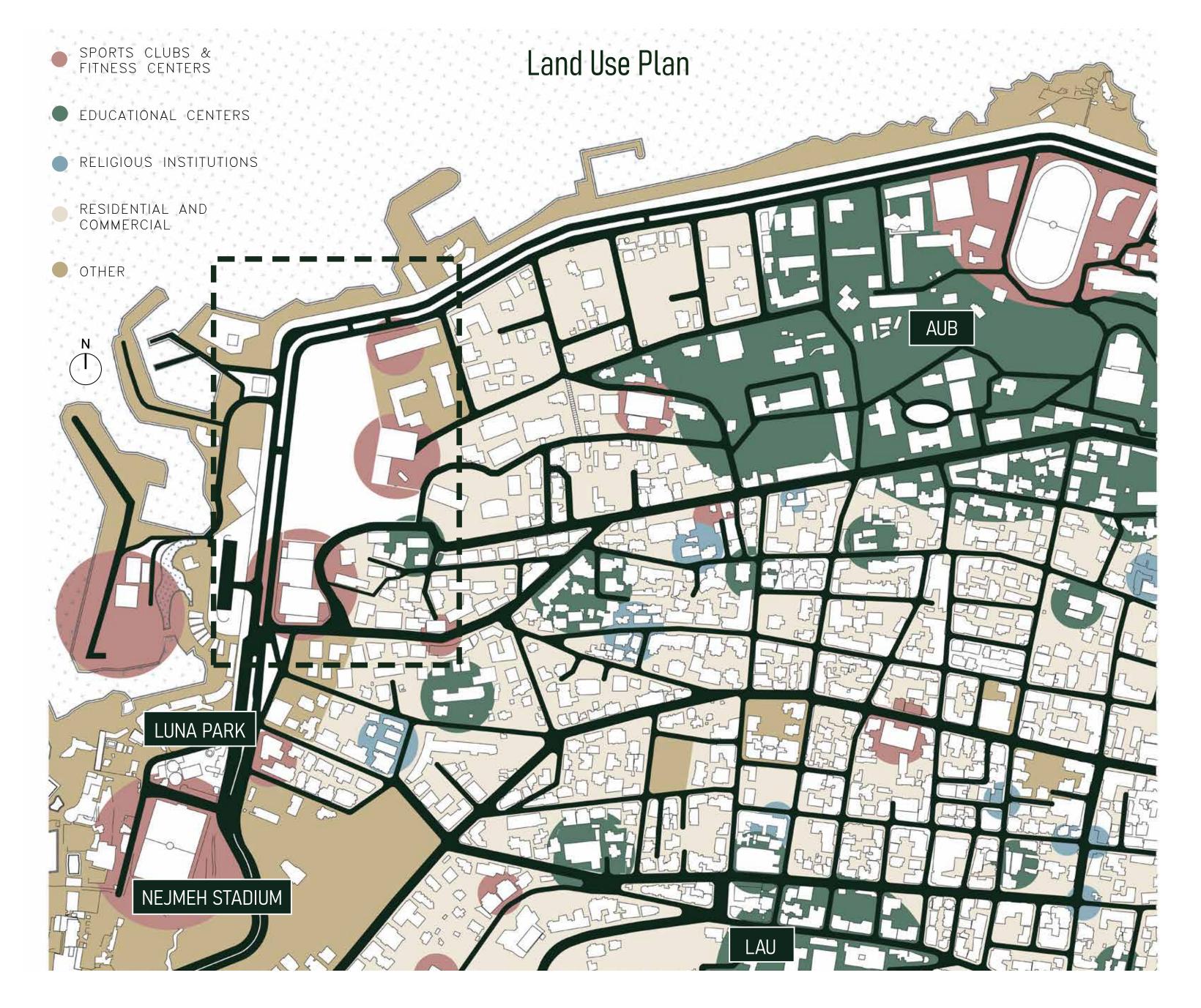
- Nelson Mandela

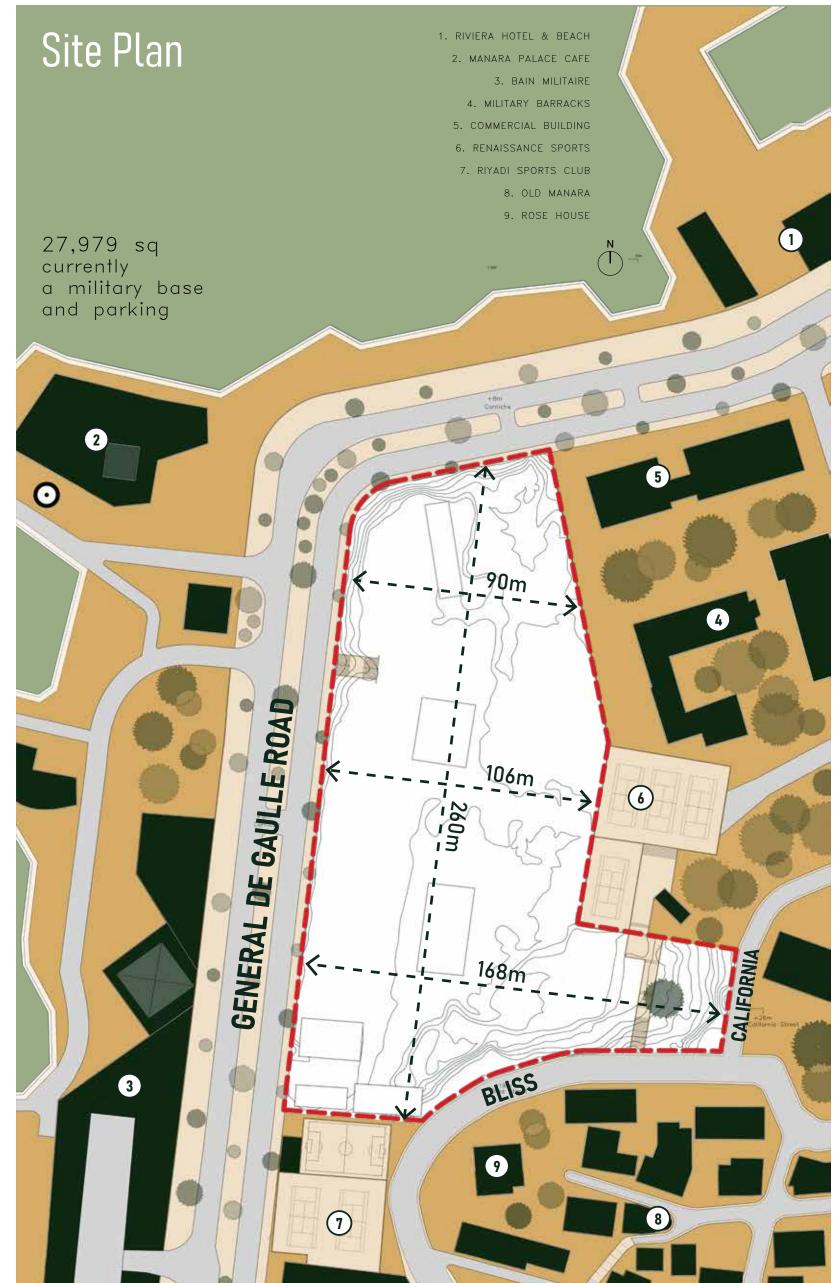
The standard of sports in Lebanon is at an all time low. The country's capital, BEIRUT, suffers from a LACK OF SPORTS INFRASTRUCTURE and SPORTS CULTURE that is vital for the advancement of Lebanese athletes. More importantly, the APPROACH TO SPORTS in the region is lacking. Reaching full potential in sports rests not only on the physical strength of the athlete, but also on the MENTAL and SPIRITUAL.



Al-Wah'a is a HOLISTIC ATHLETIC CENTER OF EXCELLENCE that aims to support Lebanese athletes in reaching their FULL POTENTIAL and achieving national and international success.

COMMUNITY INVOLVEMENT in sports is a crucial factor in total athlete performance, thus, the SPORTS-SYSTEM is brought together by a dynamic public-private program that serves the country's top athletes in addition to the community as a whole.

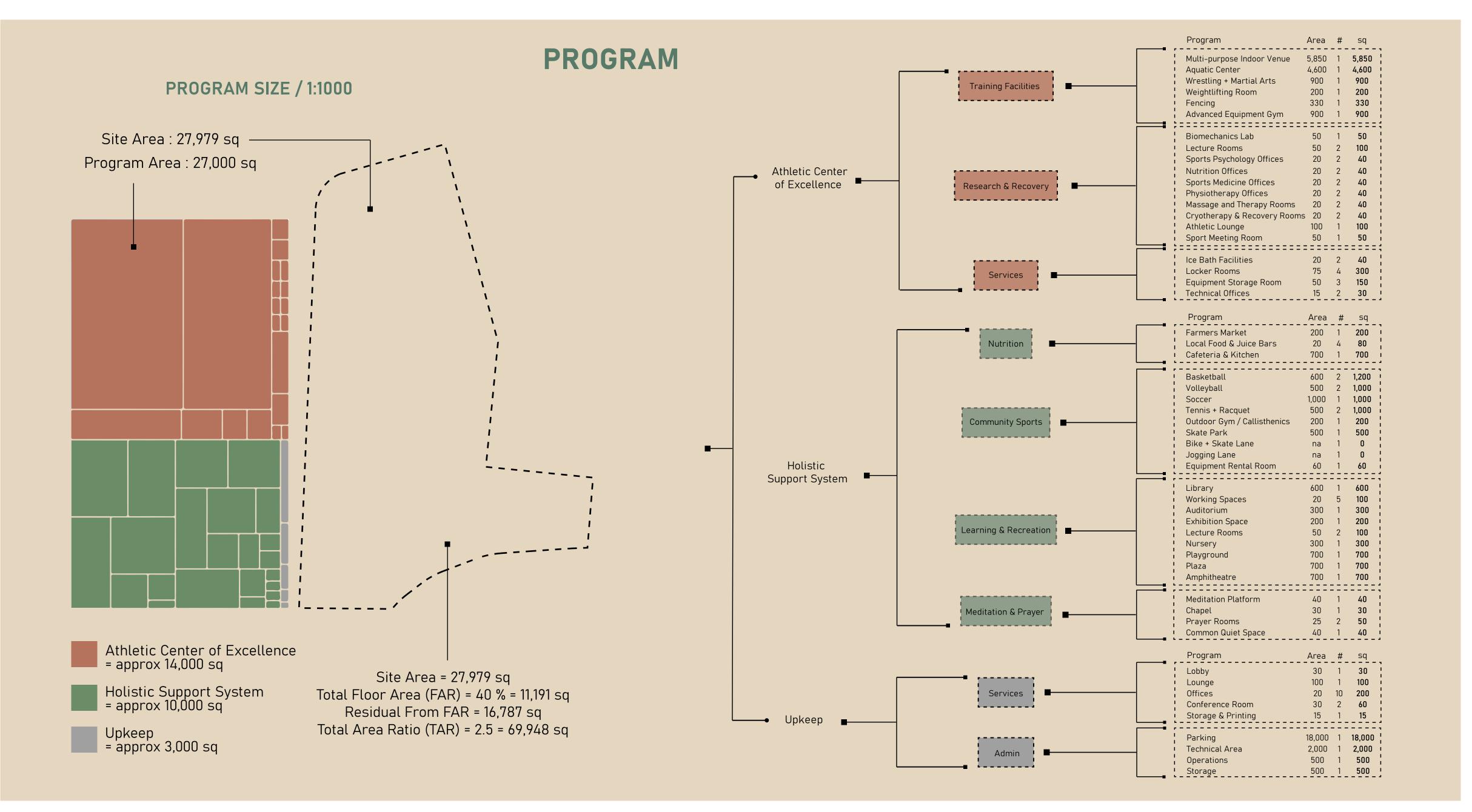




3. Site / Page 7



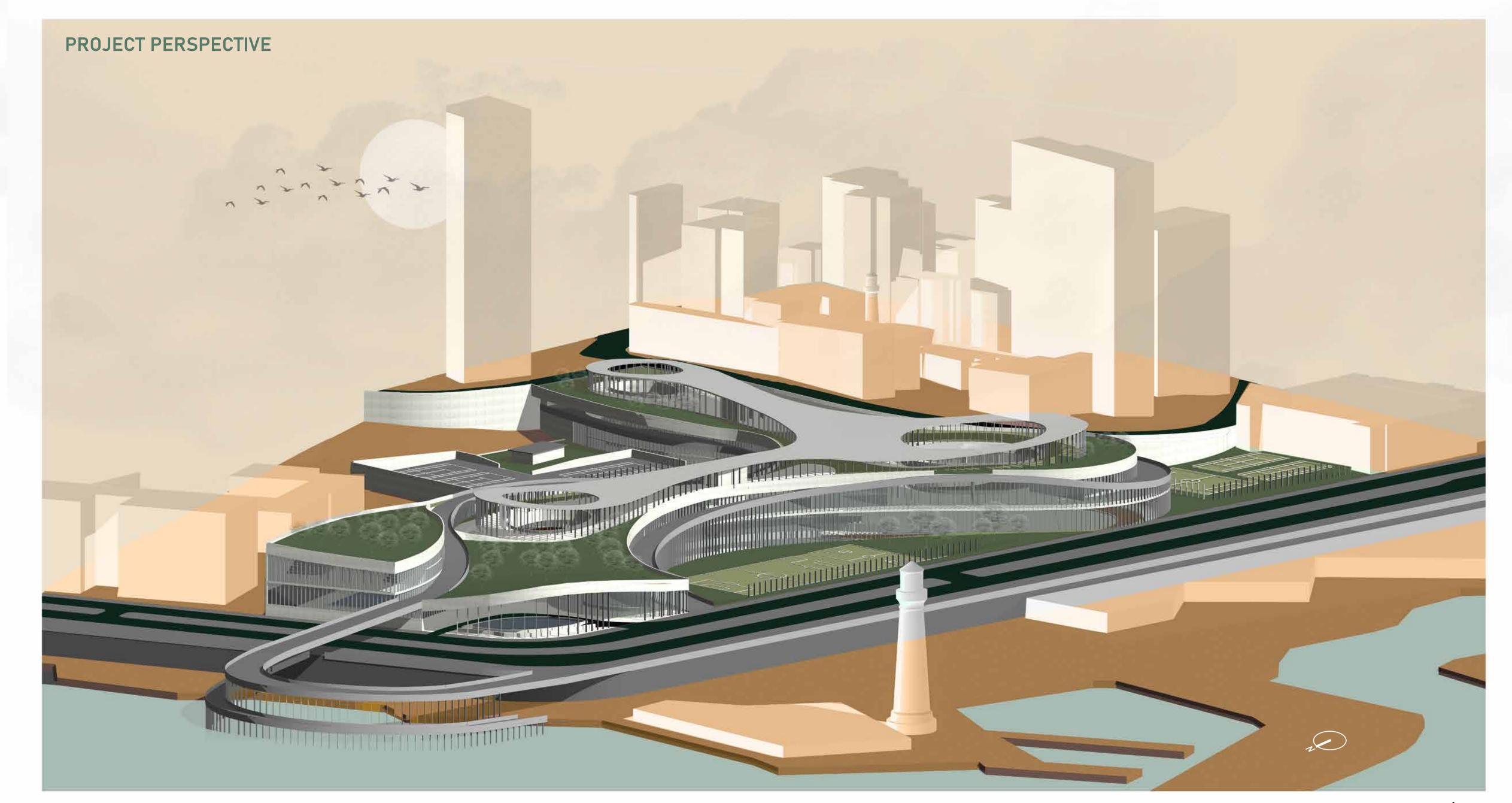
Embedded in NATURE, the center establishes a spiritual connection by closely following BIOPHILIC PRINCIPLES OF DESIGN. In addition, Al Wah'a offers advanced research, learning, and counselling through different programmatic divisions to ensure constant intellectual advancement. The project thus offers a HOLISTIC approach to sports by ensuring the balance of all three aspects of MIND, BODY AND SOUL.



4. Program / Page 10

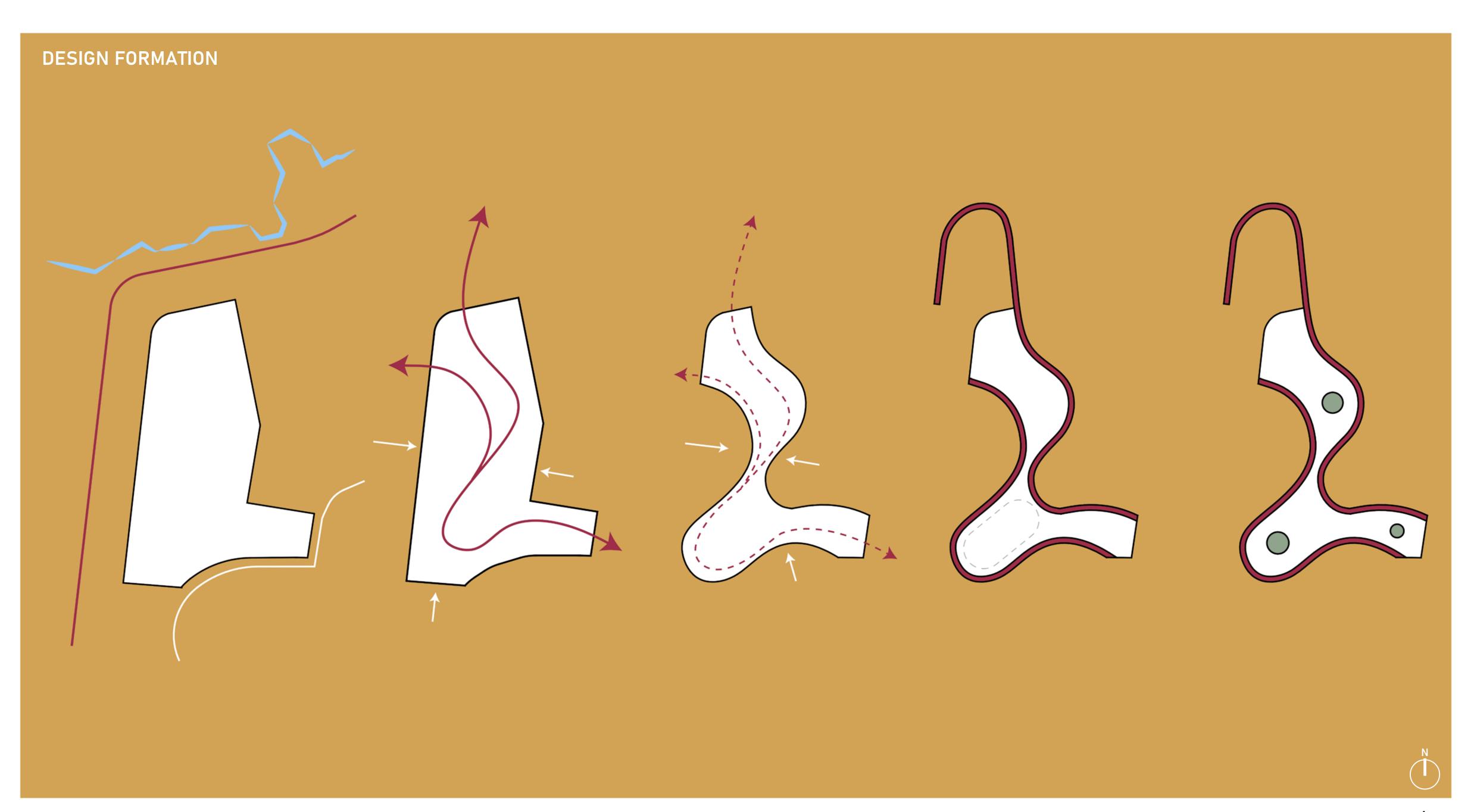


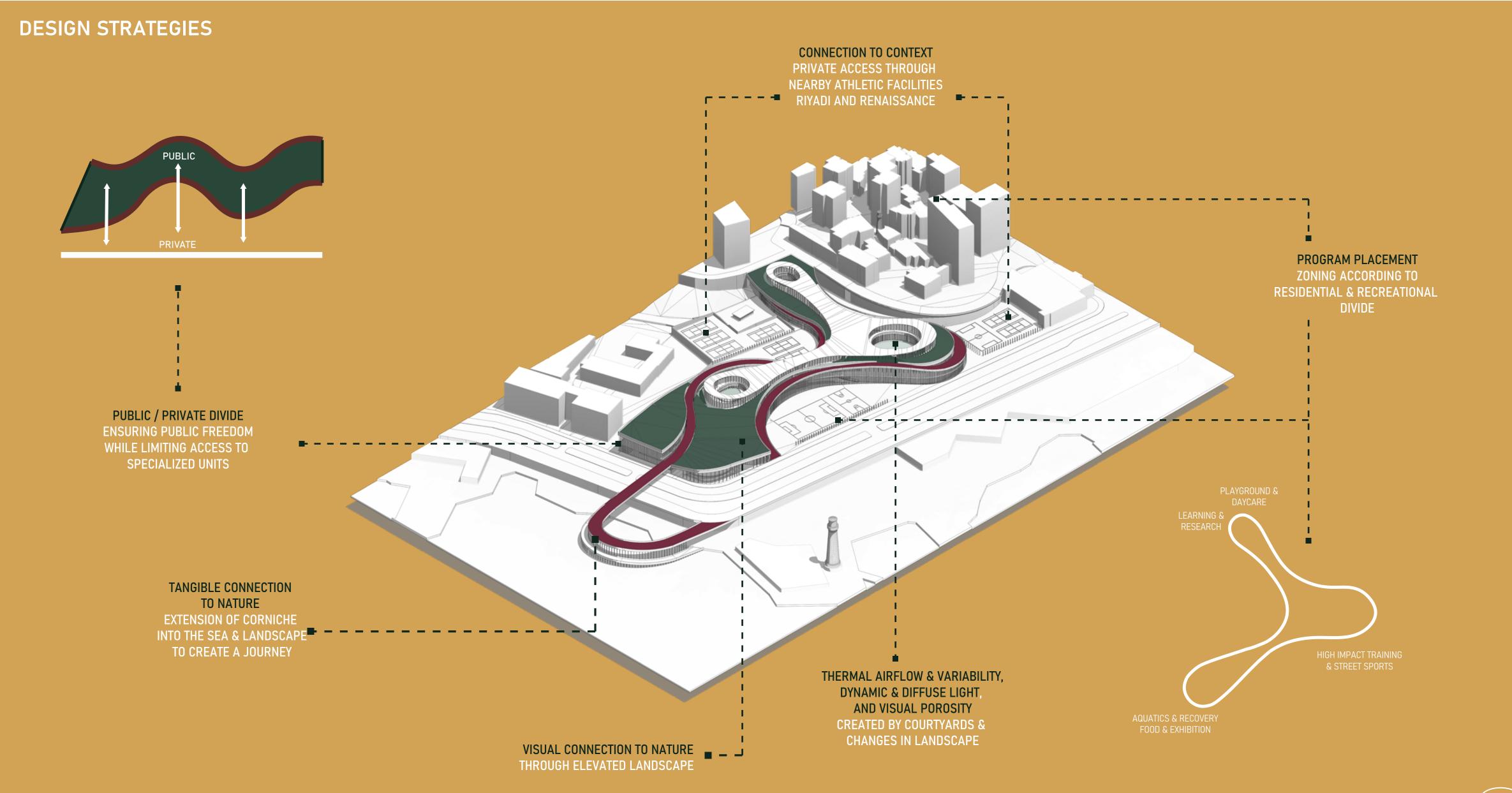
5. Conceptual Collage / Page 11



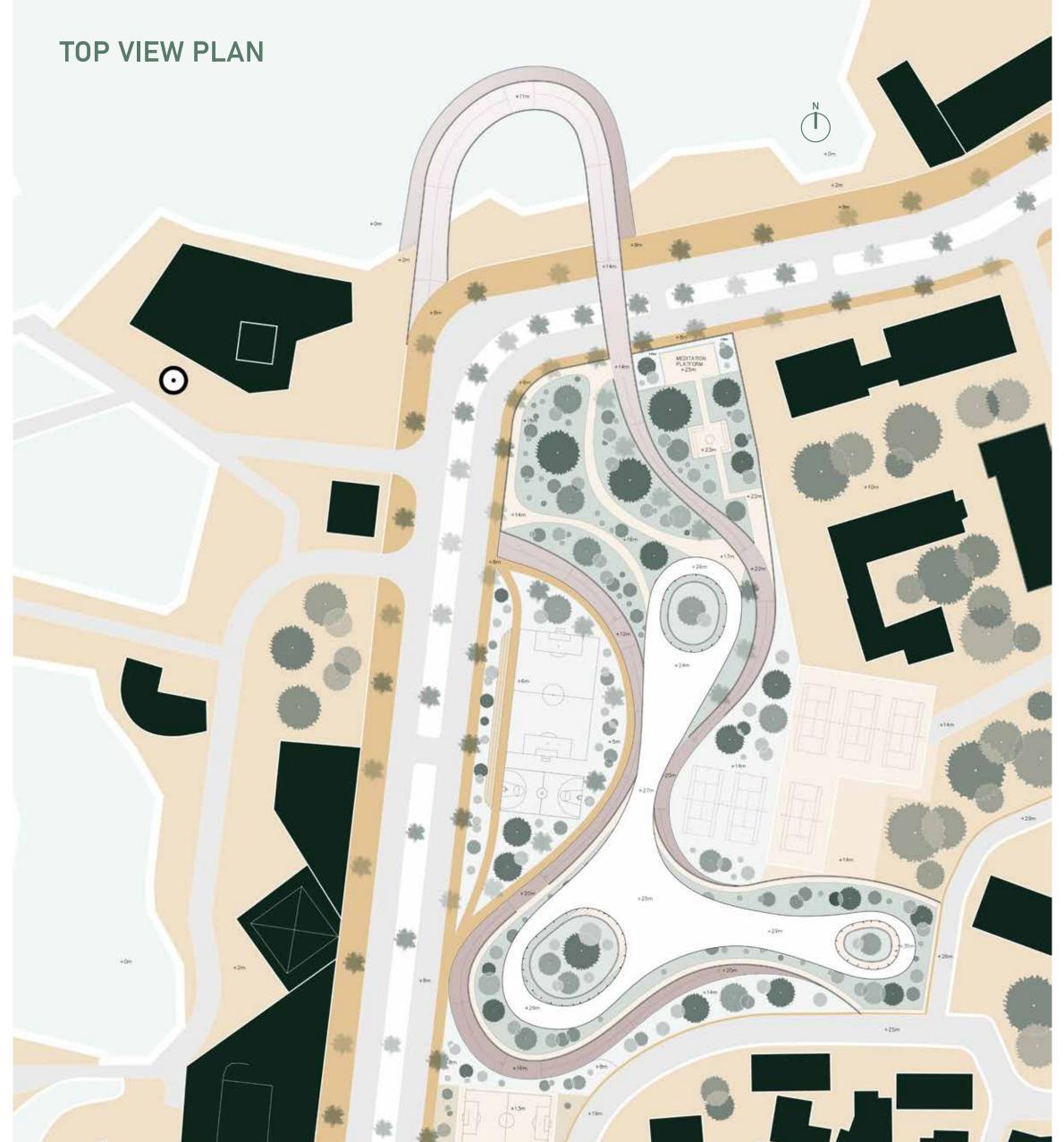
6. Project Perspective / Page 12

Located in a very strategic corner facing the sea, the design of the building is inspired by the physical characteristics of WATER WAVES. The CONTINUOUS LANDSCAPE seems to flow, vibrate, and intertwine with the more organized programs to create moments of connection and discovery. Through the PUBLIC-PRIVATE partnership model (PPP) and programmatic SELF-SUFFICIENCY, Al Wah'a improves public spaces, encourages community and public activity, and HARMONIZES the surrounding context.



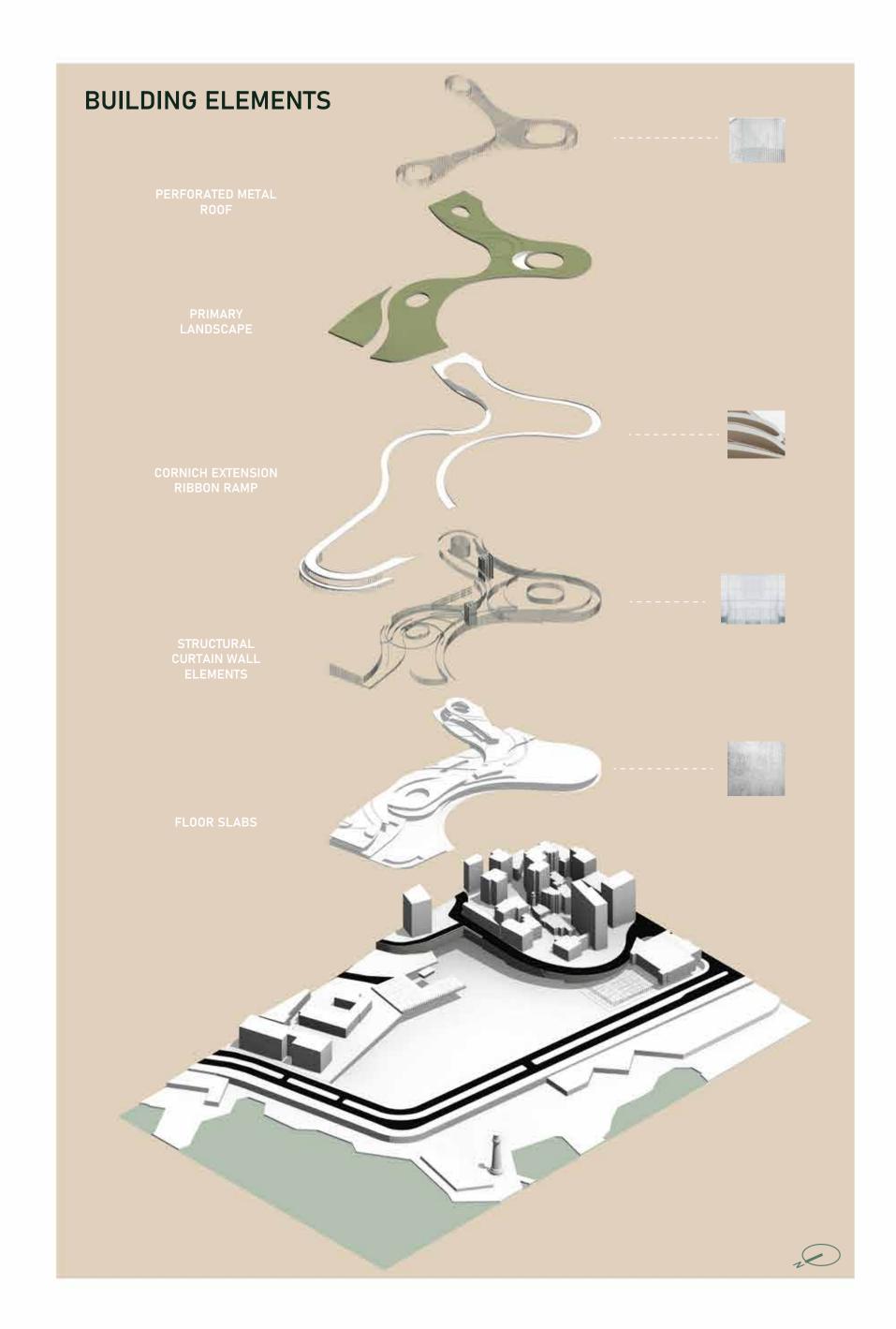


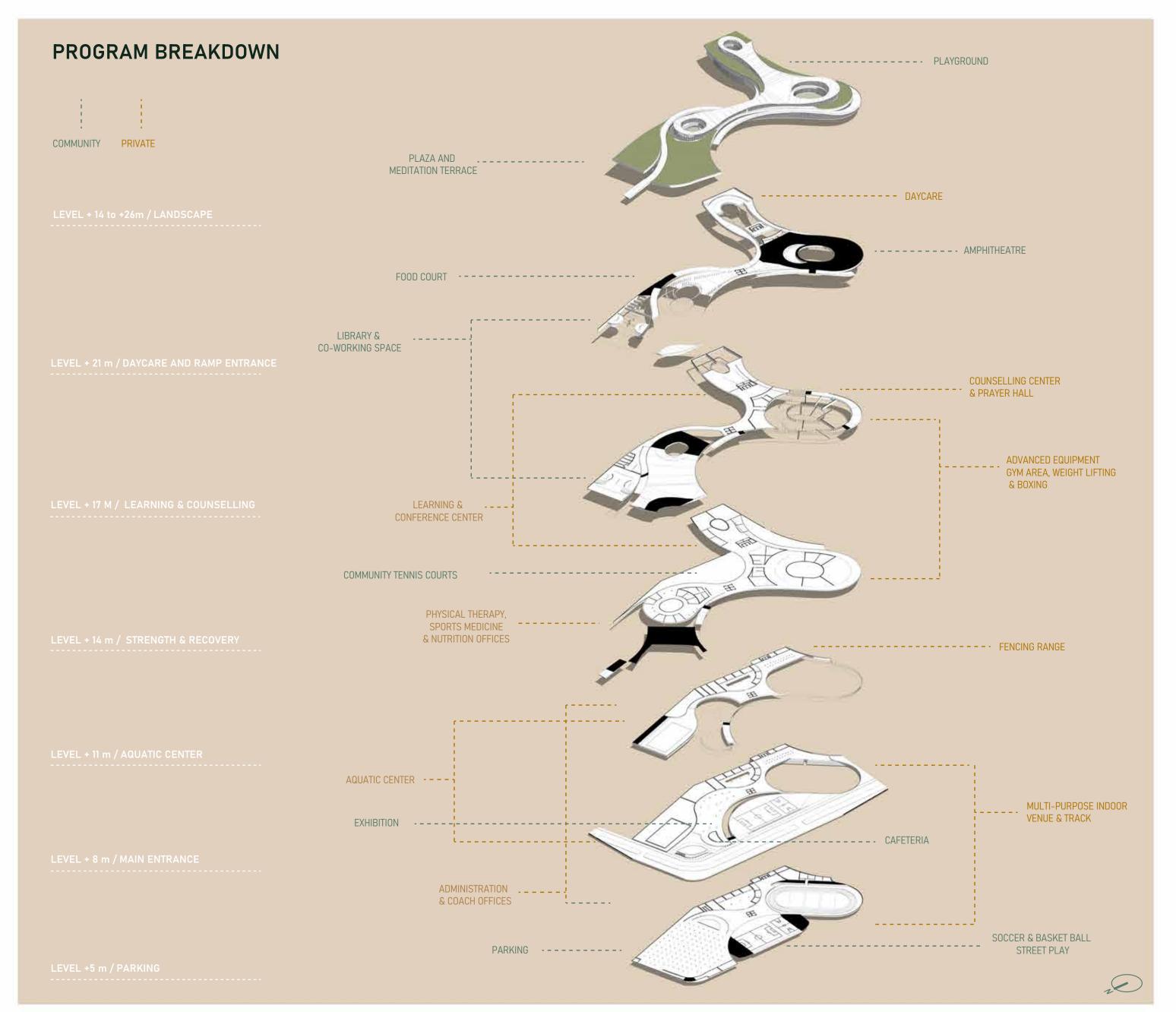




8. Top View & Landscape Plans / Page 16

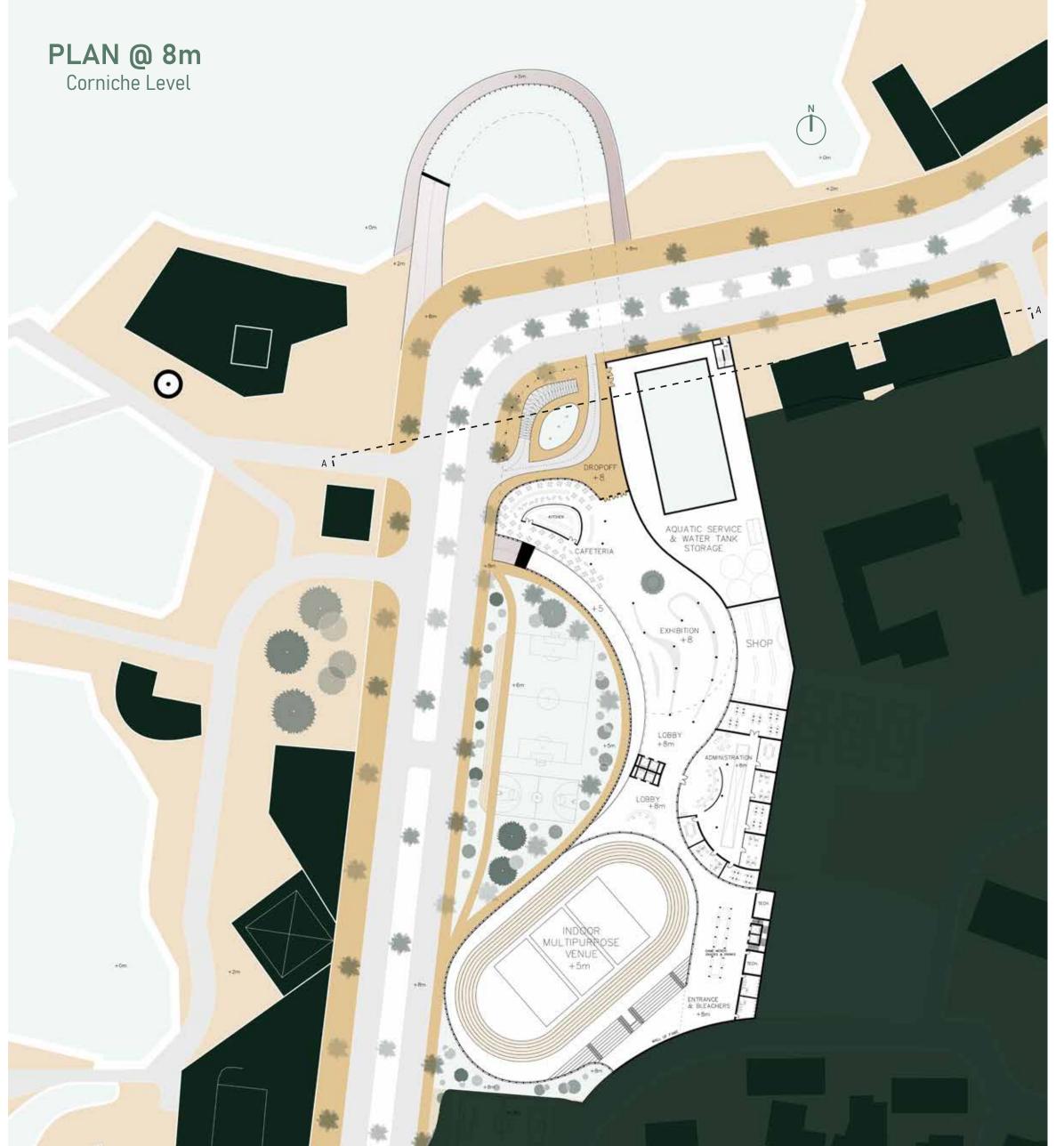






9. Project Breakdown / Page 18





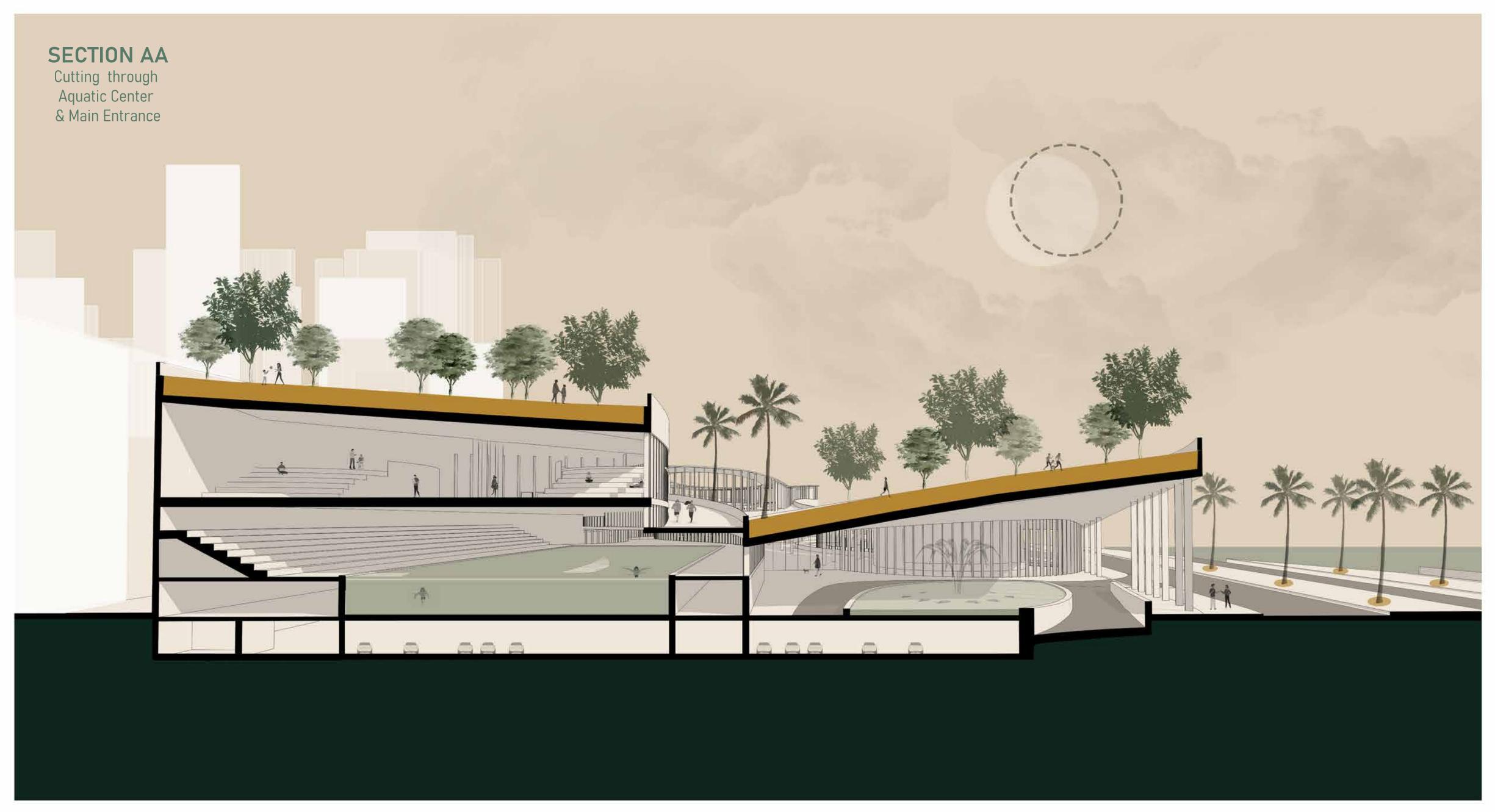
10. Project Plans / Page 19

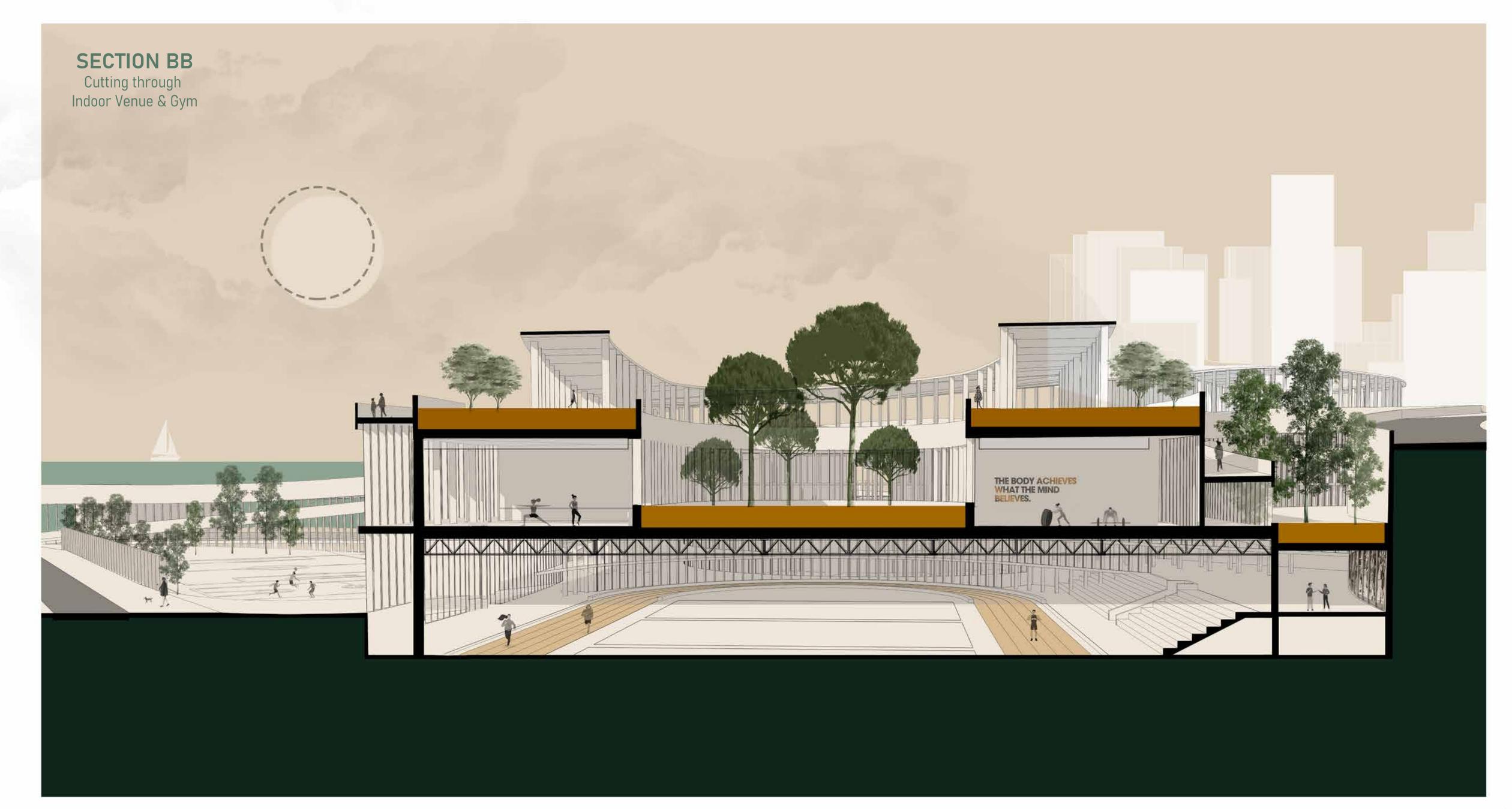




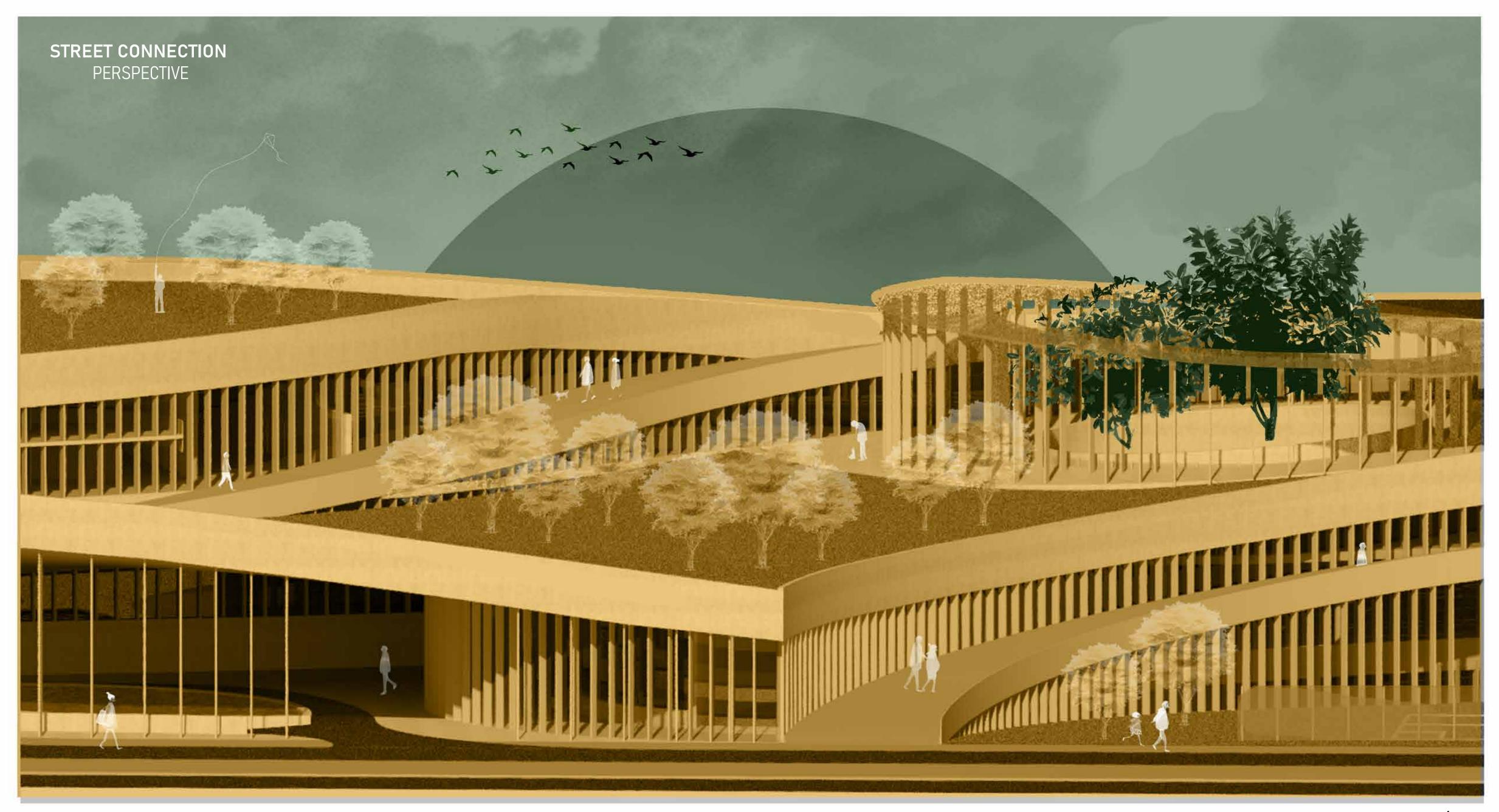


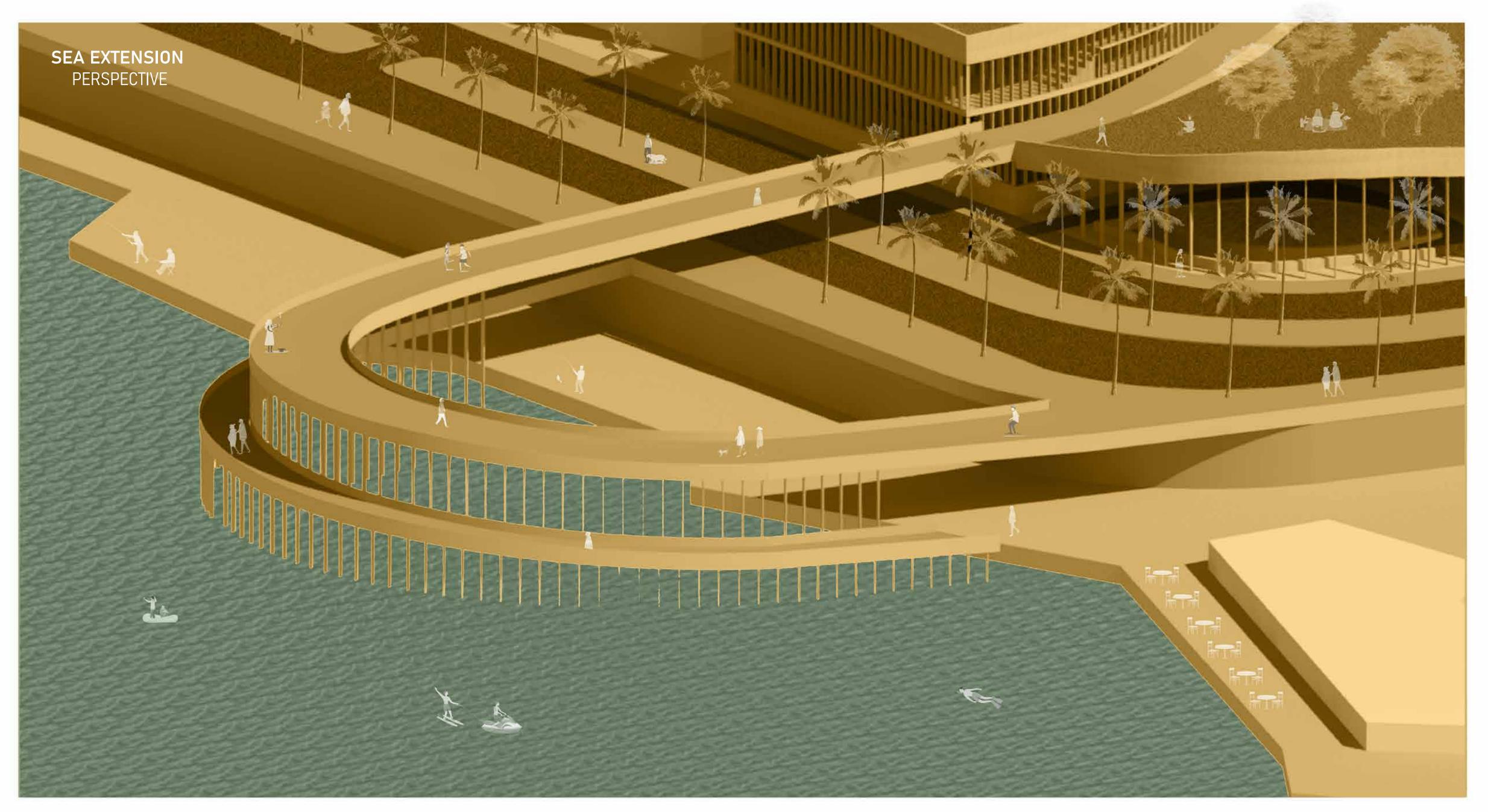


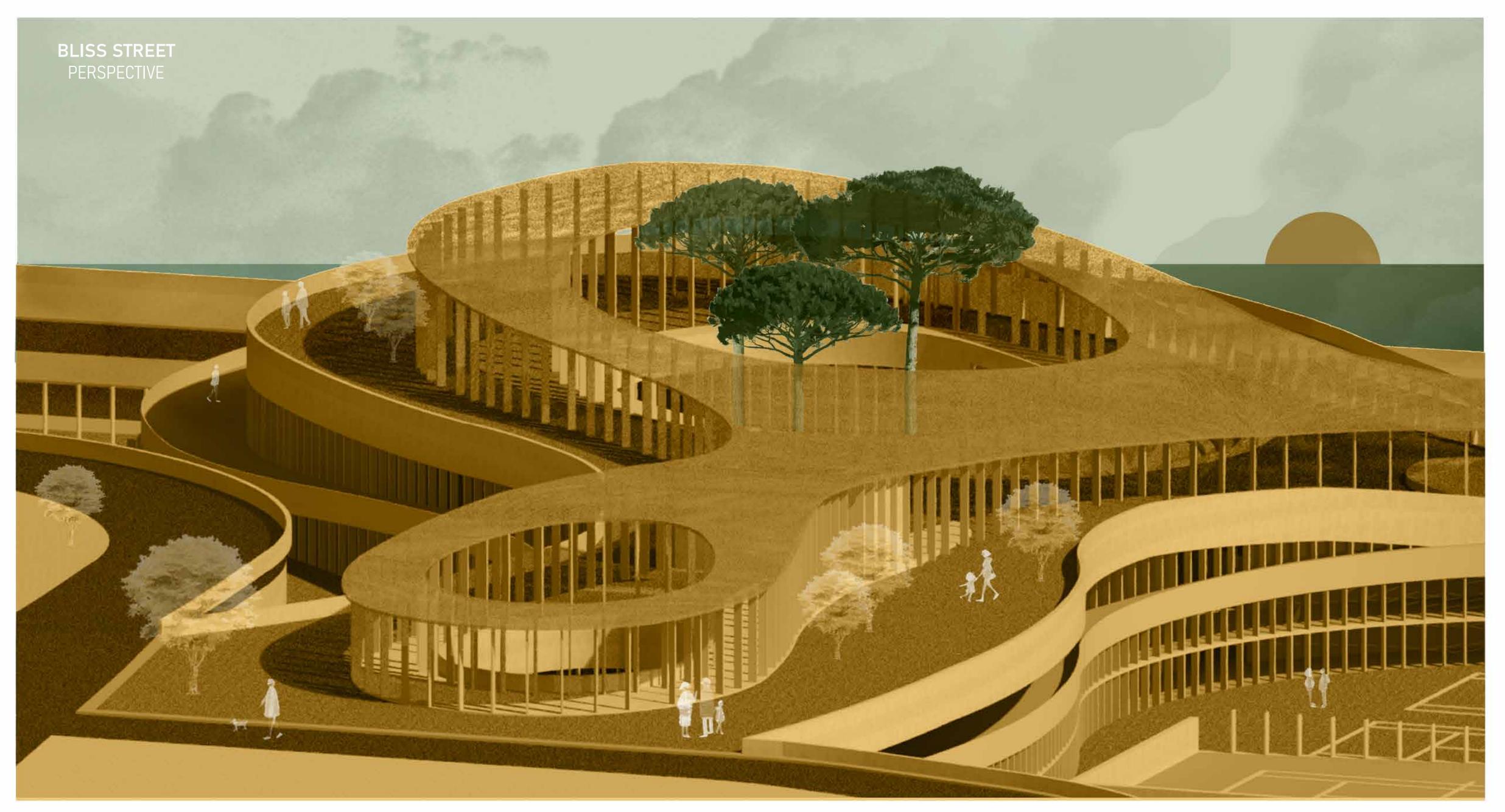












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