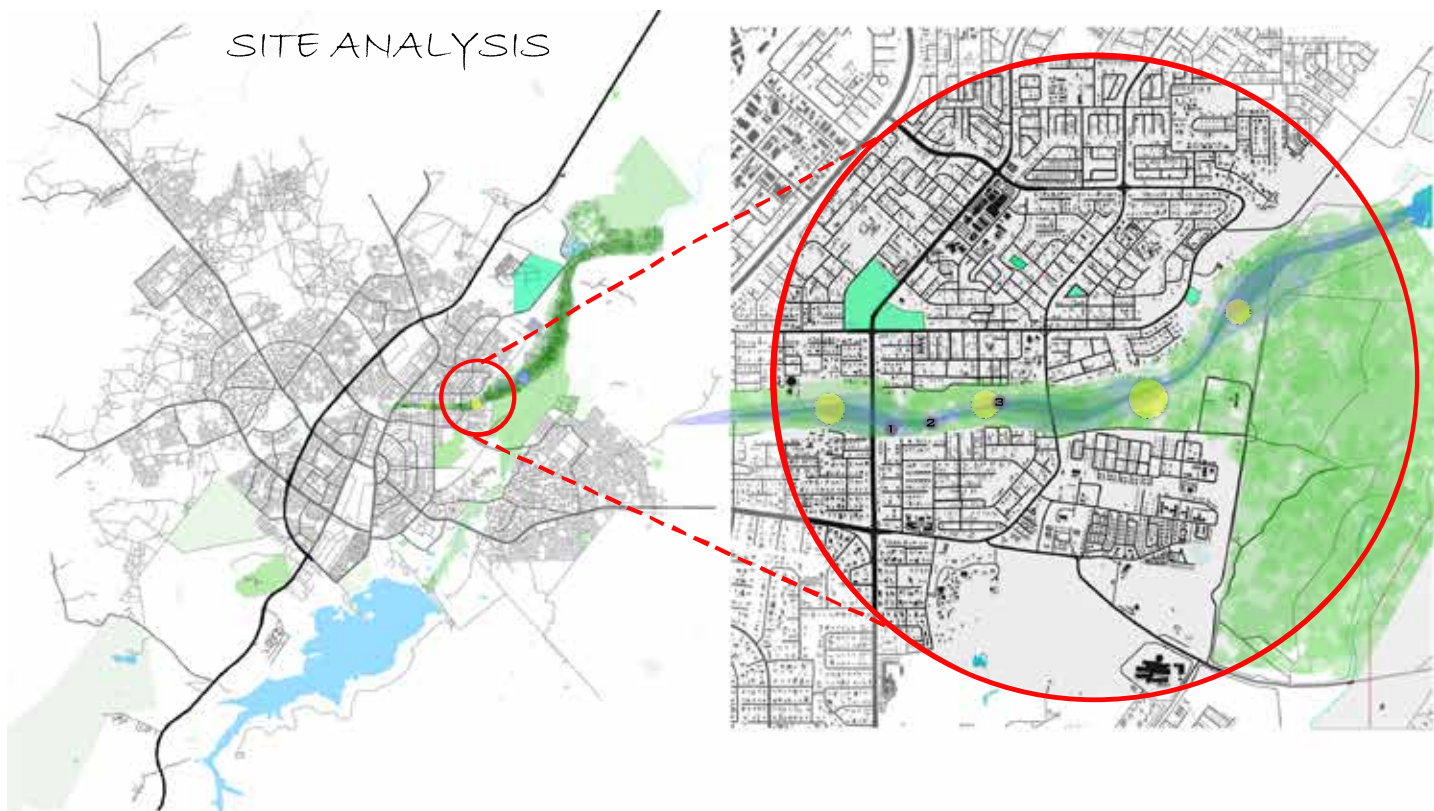




Contents
SITE ANALYSIS-4
CONCEPT SKETCHES-7
DESIGN DIARY-8-23
MAIN SECTION-24-25



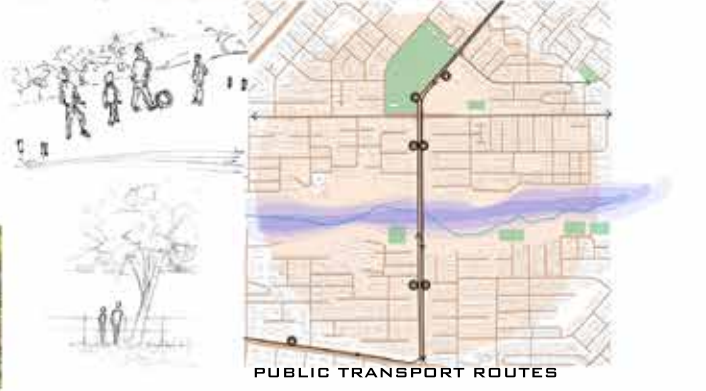
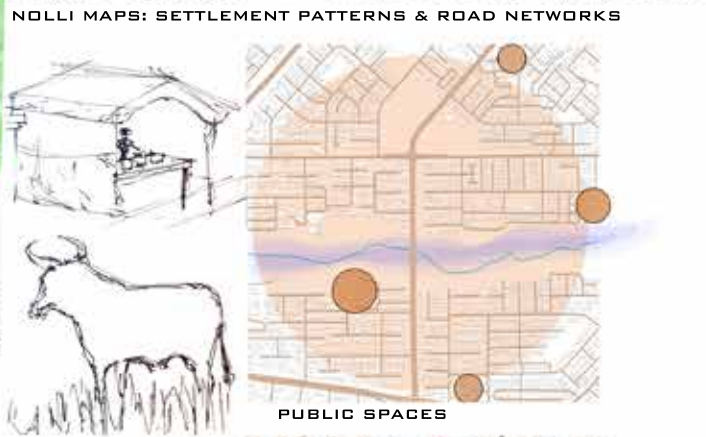
WATER PURIFICATION PROCESS

BIO SWALES

THESE ARE USUALLY VEGETATED CHANNELS THAT WHICH CONVEY STORMWATER RUNOFF, WHILST CLEANING OUT THE WATER BY REMOVING DEBRIS AND POLLUTANTS.

WETLANDS

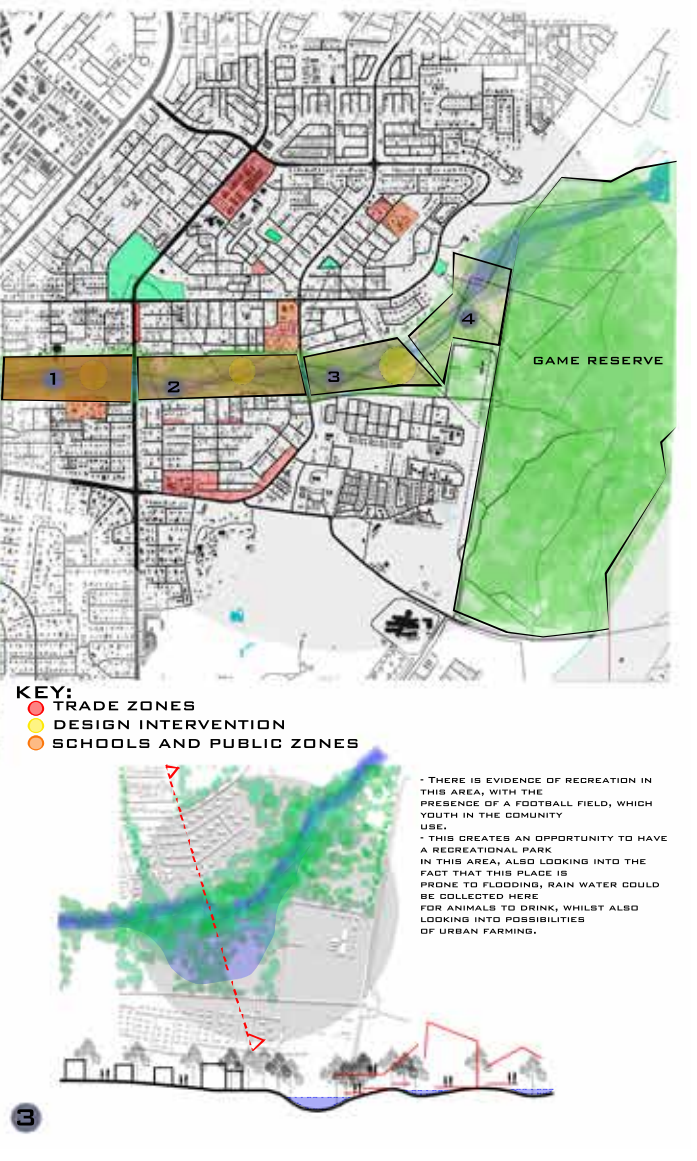
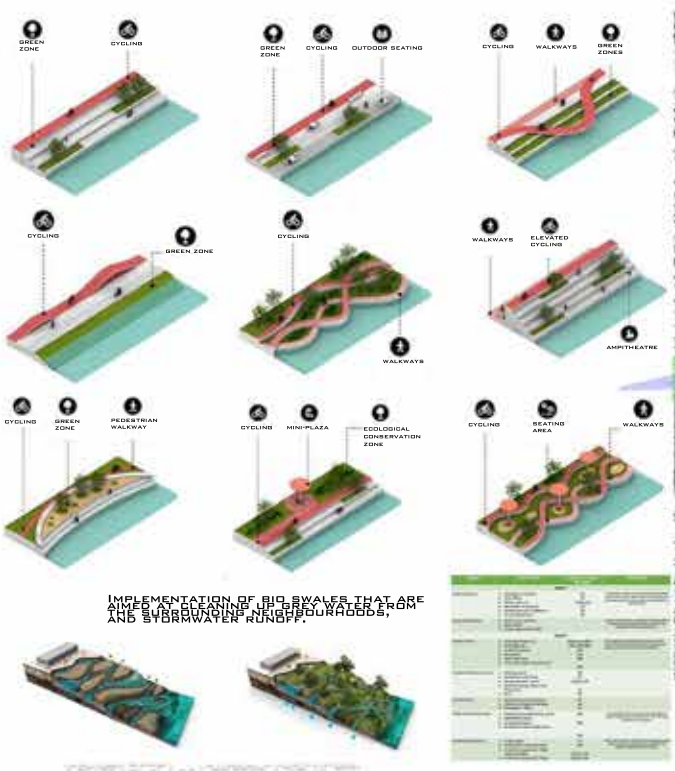
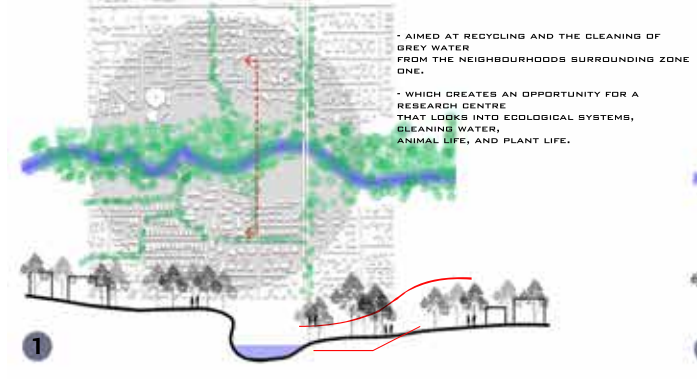
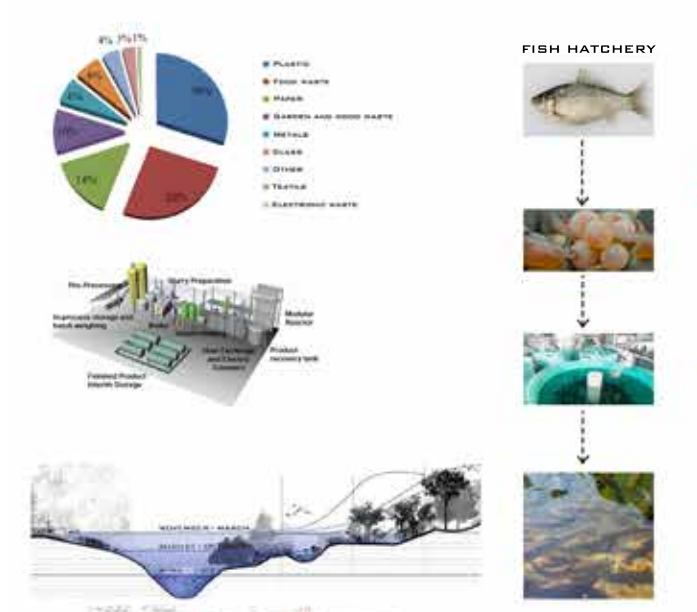
BASICALLY AREAS THAT ARE SATURATED WITH WATER. THEY ACT AS WATER FILTERS, FLOOD AND SOIL EROSION INHIBITORS AND ALSO PROVIDE FOOD FOR FISH AND WILDLIFE.



EXTENSION OF GAME RESERVE

TO CREATE A BOTANICAL GARDEN THAT AIMS TO REVITALISE THE RIVER, RESULTING IN A PLACE WHERE ANIMALS CAN INHABIT THE STRIP OF LAND, IN A SCENARIO WHERE PEOPLE ARE IN CAGES, WHILE THE ANIMALS ARE FREE.

THE AIM OF THE DESIGN PROPOSAL IS TO CLEAN THE WATERWAY, PROVIDING OPPORTUNITY FOR MORE ECOLOGICAL HABITATS, SUCH AS FISH HATCHERIES.



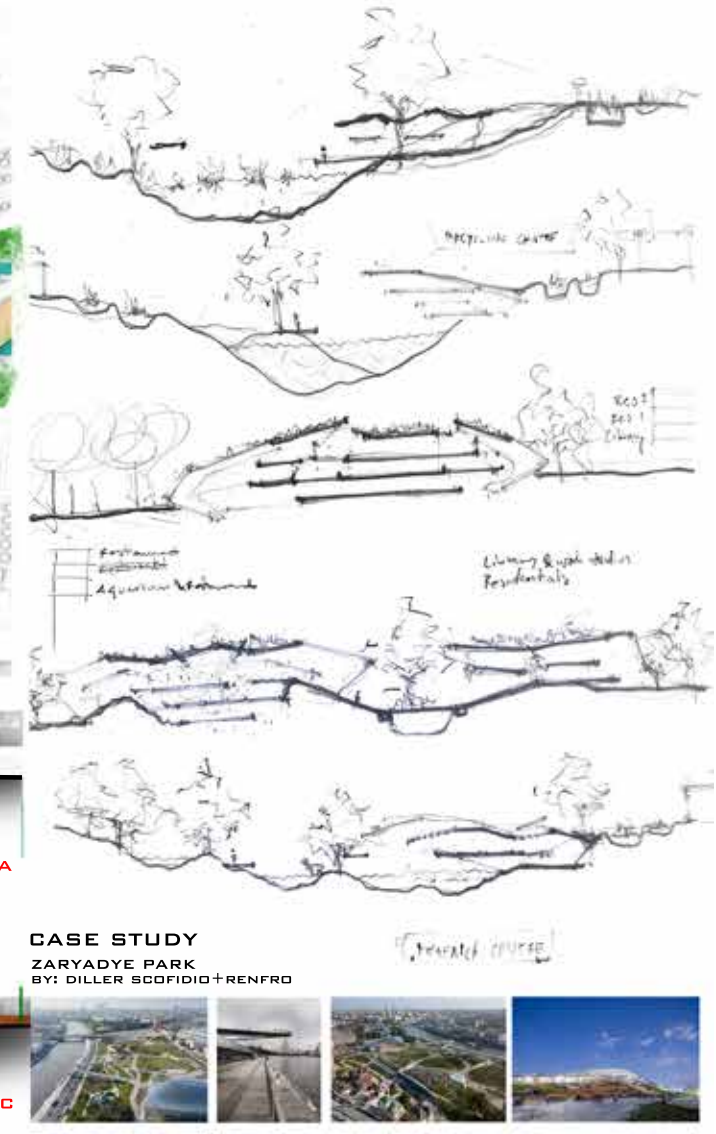
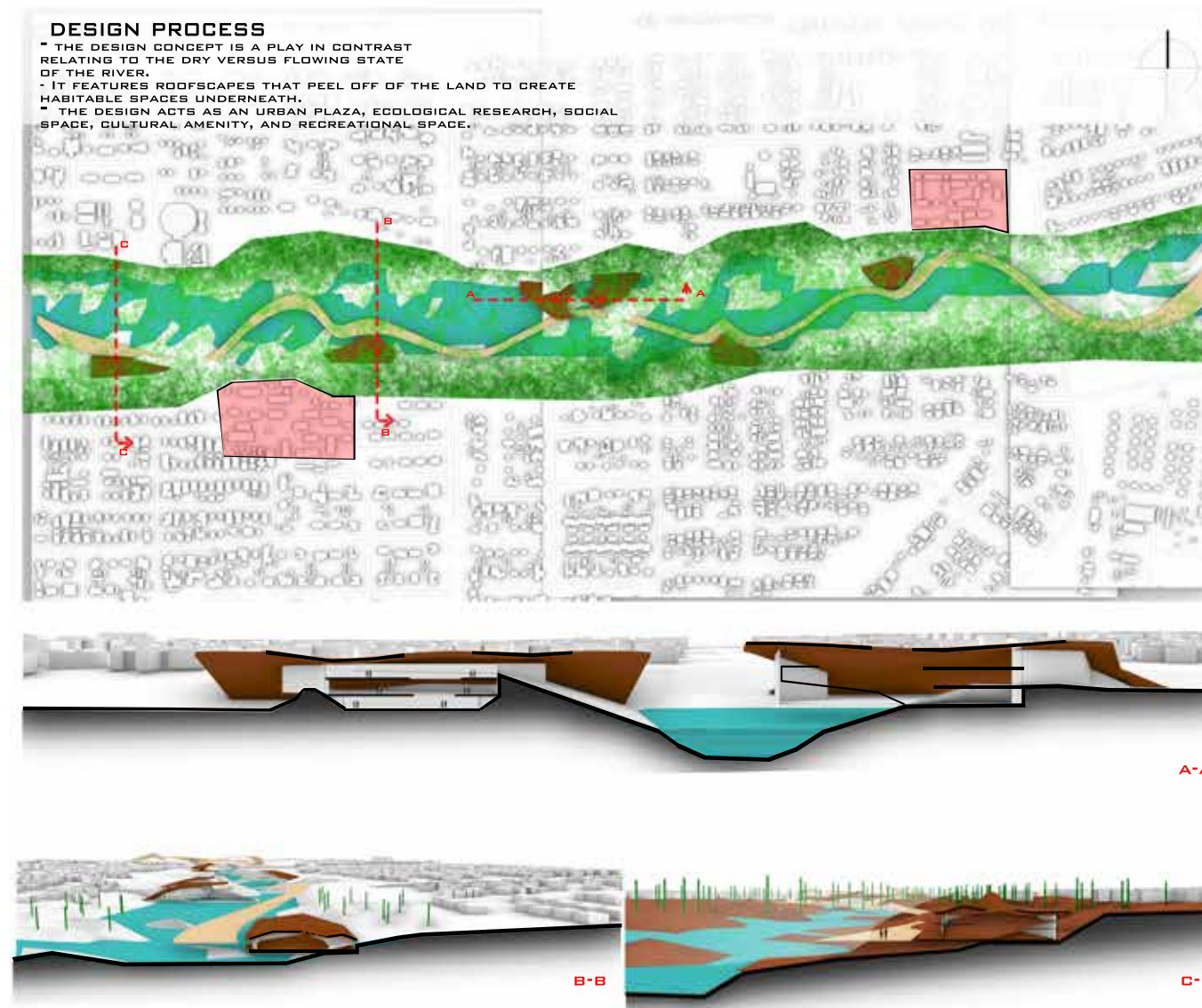


PROJECT OVERVIEW:

This architectural design embraces ecological principles to create a harmonious and sustainable building that integrates a library, an underwater restaurant, and an aquarium. Situated along the picturesque Segoditshane River, the design draws inspiration from the surrounding natural beauty, seeking to establish a symbiotic relationship between the built environment and the delicate ecosystems of the river. Through innovative design strategies and a commitment to sustainability, the project aims to provide a sanctuary where education, gastronomy, and

DESIGN PHILOSOPHY:

The design philosophy centers around ecological stewardship, where the building becomes a beacon of sustainability and respect for the environment. By implementing environmentally conscious practices in the design, construction, and operation phases, we aim to minimize the ecological impact and preserve the integrity of the Segoditshane River ecosystem. Through the use of sustainable materials, energy-efficient systems, and landscape integration, the design seeks to inspire visitors to connect with nature and embrace responsible environmental practices.



Located along the banks of the Segoditshane River, the design celebrates the relationship between water and life. Taking inspiration from the abstracted form of a tree, the building's organic and flowing shape emulates the branches and leaves, harmonizing with the surrounding landscape. Large windows and open spaces offer breathtaking views of the river, blurring the boundaries between the built environment and the natural world. The building's orientation maximizes natural lighting and ventilation, reducing energy consumption and enhancing the connection with nature.

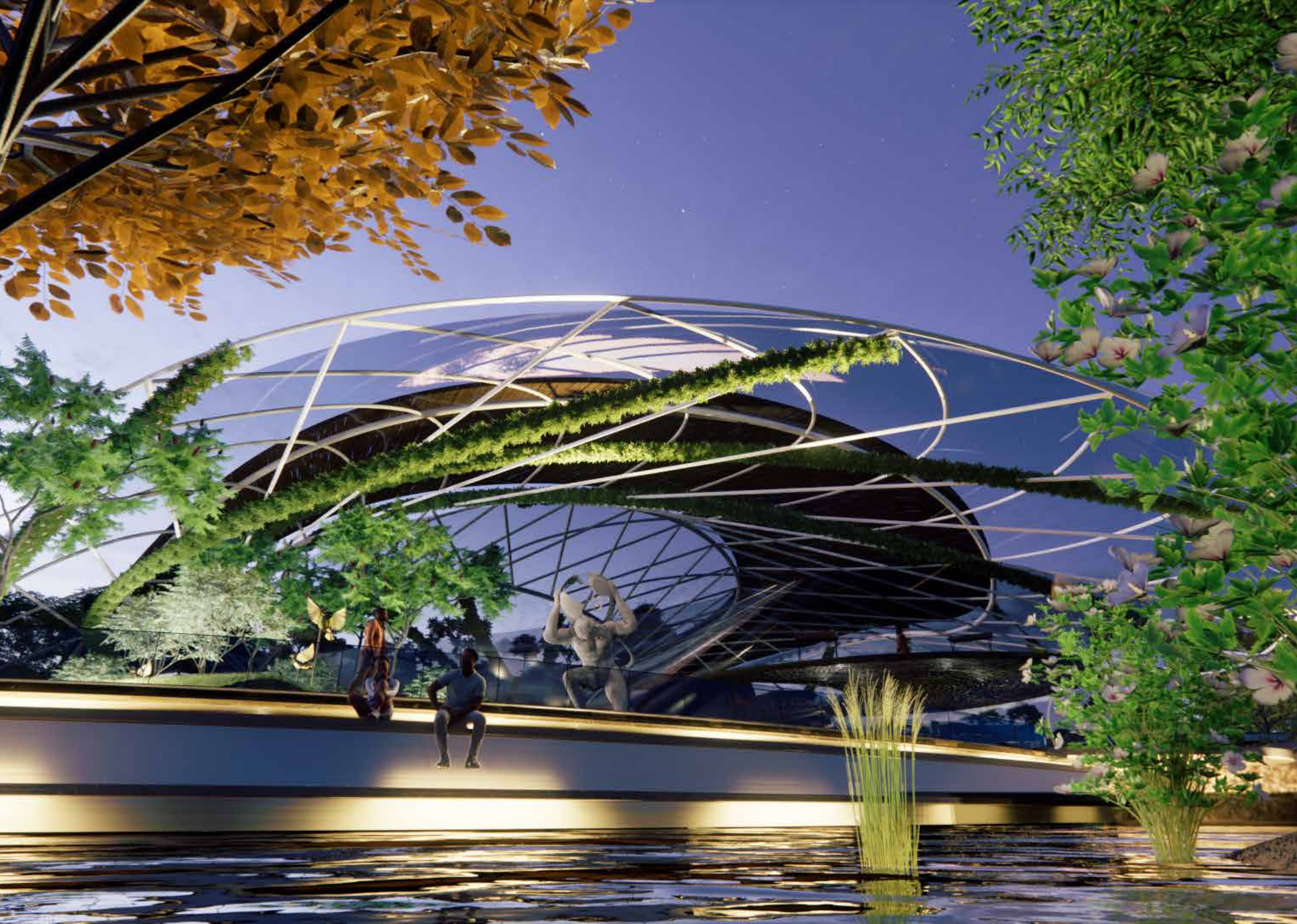






Adjacent to the library, the outdoor art gallery space serves as a dynamic platform for artistic expression, cultural exchange, and appreciation of the natural landscape. With terraced seating that cascades towards the river, visitors can enjoy captivating views while immersing themselves in a rich tapestry of visual arts. The design of the gallery integrates sustainable materials and features, such as recycled or repurposed elements, and utilizes native plantings to enhance the connection between art, culture, and the environment. This vibrant space fosters a dialogue between nature and creativity, inspiring visitors to engage with both the artistic and ecological aspects of their surroundings.





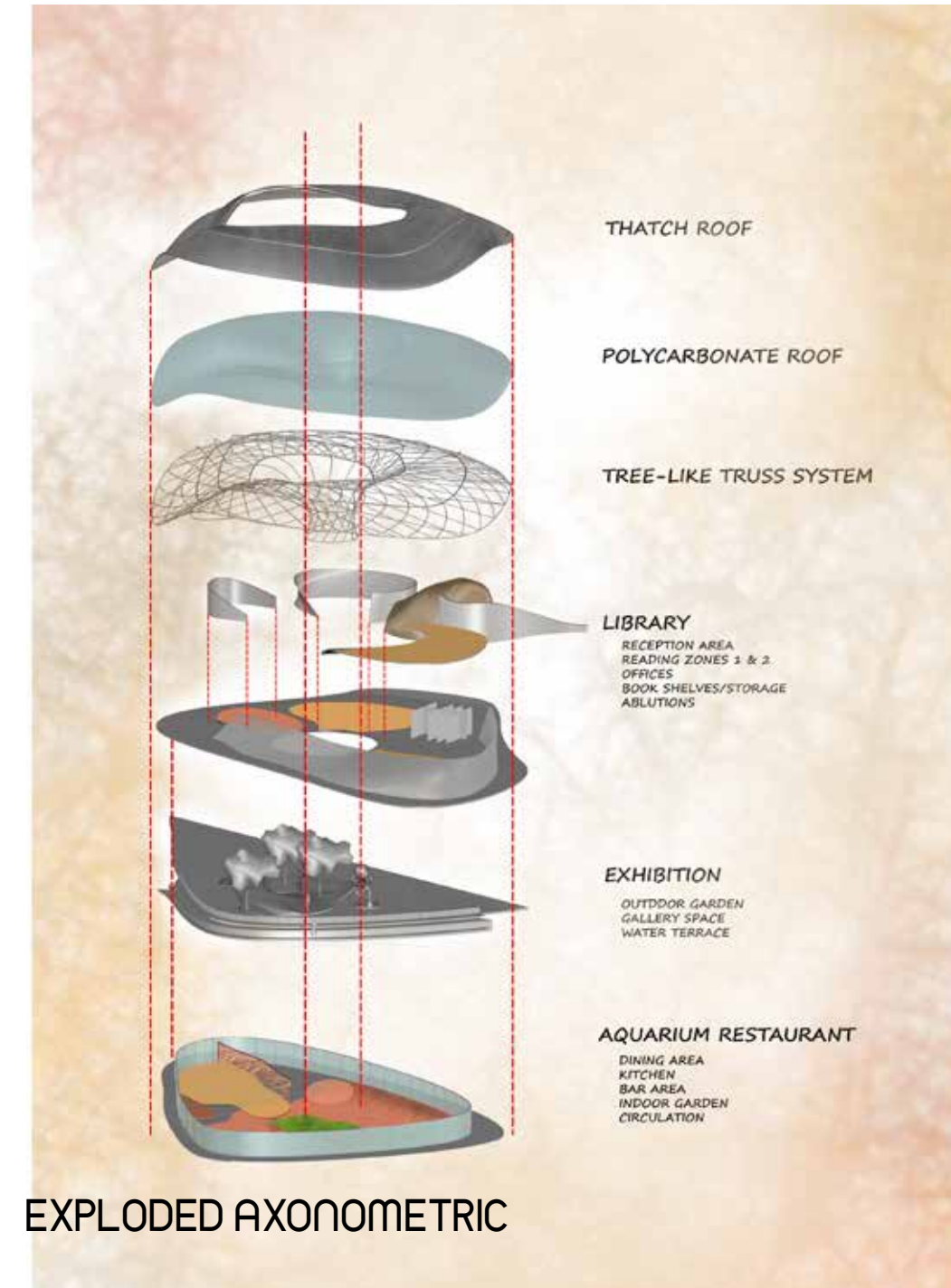
A striking feature of the building is the underwater restaurant, offering a unique and immersive dining experience. Designed to merge seamlessly with the river ecosystem, the restaurant's architecture blends the abstracted tree form with floor-to-ceiling glass walls, providing panoramic views of the underwater world. Guests can indulge in culinary delights while being captivated by the ever-changing aquatic scenery. The underwater restaurant creates an unforgettable experience that highlights the interconnectedness of nature, culture, and cuisine.

SECTION WITH ZOOMED IN DETAILS





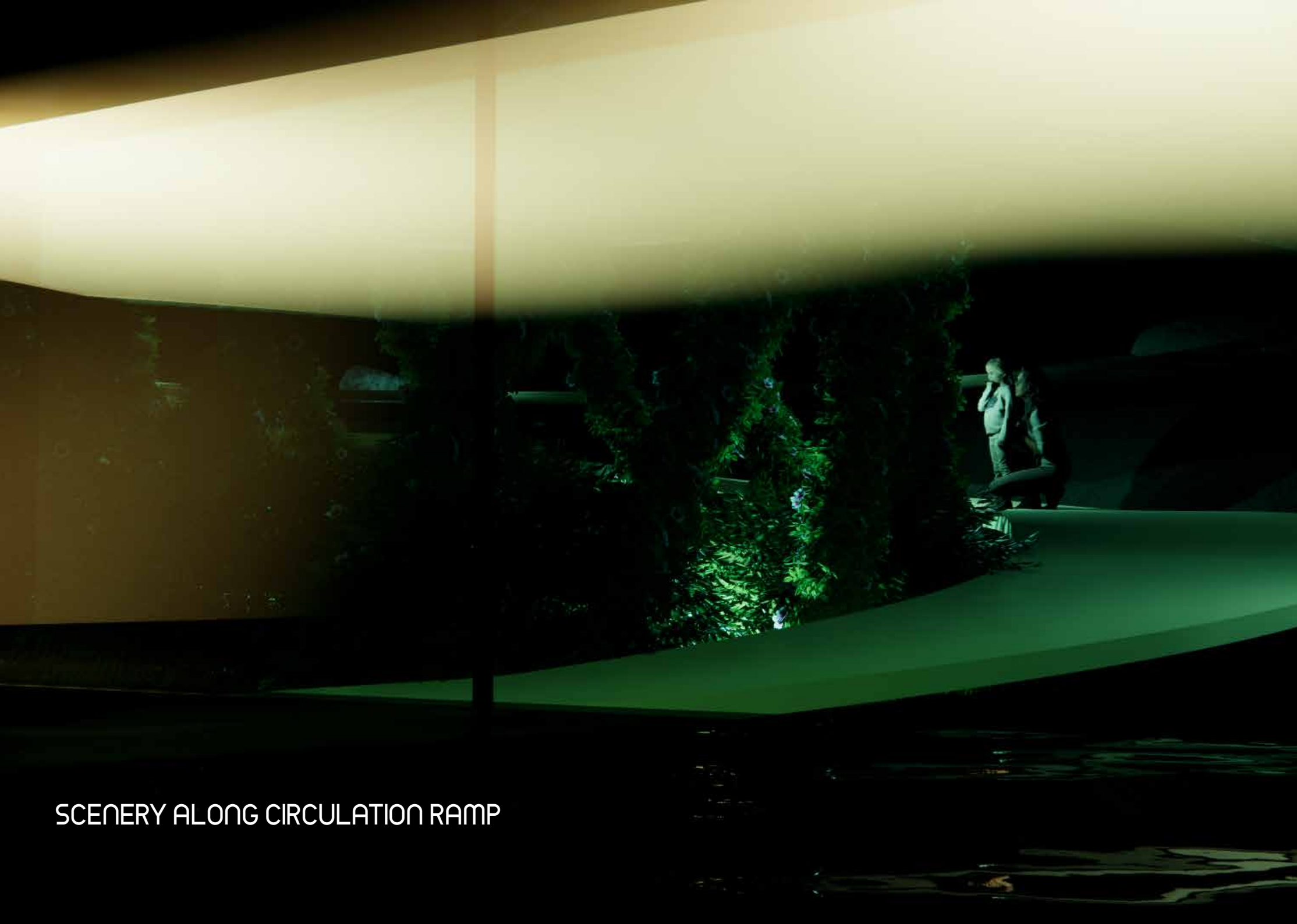
INTERNAL POND SCENERY



EXPLODED AXONOMETRIC



ECOLOGY PORTFOLIO | KAMO E BAIPOLEDI



SCENERY ALONG CIRCULATION RAMP



ECOLOGY PORTFOLIO | KAMO E BAIPOLEDI



BOOK STORAGE

ATRIUM SPACE

UNDERWATER RESTAURANT



CONNECTION TO GROUND DETAIL



FLY THROUGH