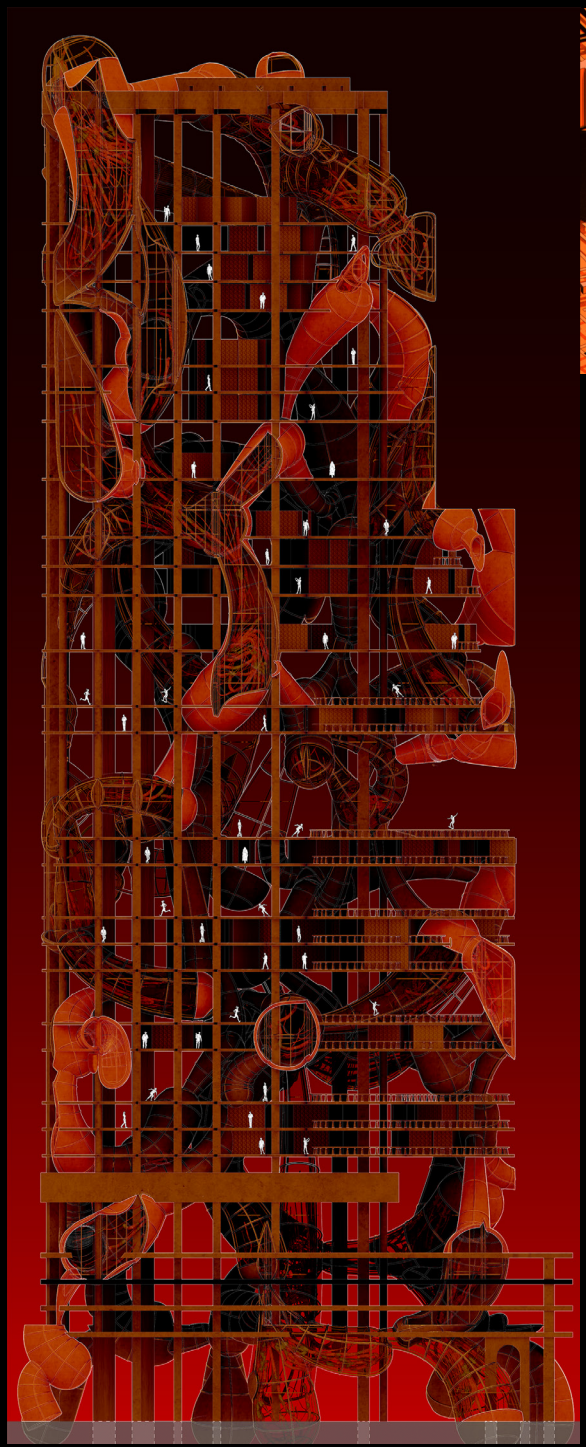
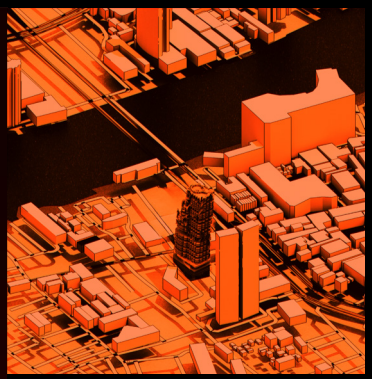
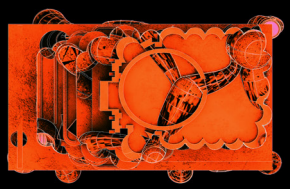
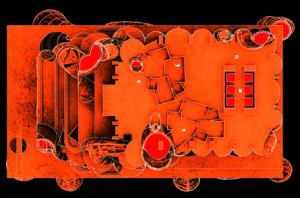
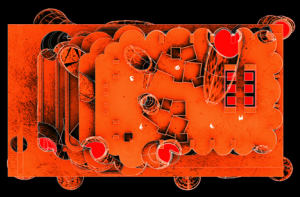
U-nion , Nishapat Sawangkokgruad











The Sathorn Unique Tower in Bangkok, abandoned since the 1997 Asian financial crisis, symbolizes lost potential. Situated in the heart of the city's bustling central business district, its prime location along the Chao Phraya River presents a unique opportunity for ecological and architectural innovation. This project reimagines the tower as a living, adaptable ecosystem, merging historical significance with sustainable design.

Central to the transformation is *loose-fit design*, which emphasizes flexibility and evolution. Residential units are designed to adapt to the changing needs of their inhabitants, shifting seamlessly between personal, communal, and professional uses. The tower's structural core will feature 3D-printed, blob-like forms, creating a network of interconnected pathways. These blobs integrate natural elements such as airflow, sunlight, and green spaces, supporting biodiversity within the urban fabric.

Each 3D-printed unit incorporates gardening zones and uses materials like concrete and steel to balance durability with ecological function. These structures house soil beds, hydroponic systems, and irrigation channels, promoting urban agriculture and habitats for local fauna.

This project exemplifies adaptive reuse, turning an abandoned tower into a model for sustainable urban development. It showcases how architecture can evolve as a living entity, blending history, innovation, and ecology to create resilient, thriving cities.