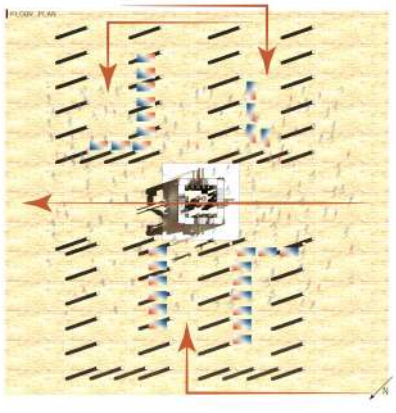
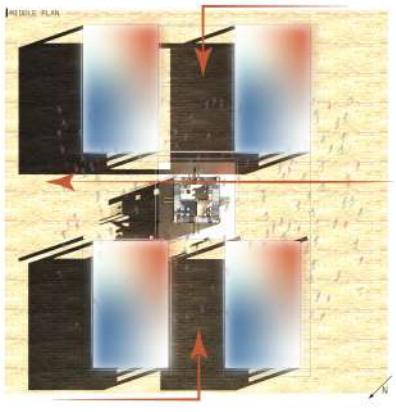
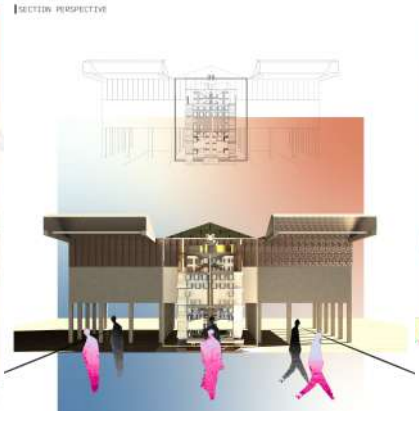
The “Posthuman Metabolic Thermal Storage”

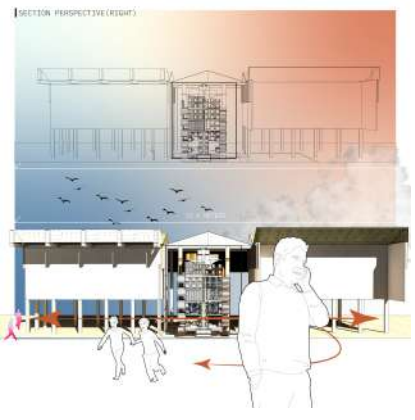
The “Posthuman Metabolic Thermal Storage” is a sustainable vertical storage system designed for Pak Khlong Talat, Bangkok. Within a 10x10-meter structure, it organizes vegetables, fruits, flowers, food, and miscellaneous items into distinct geometric forms and temperature-specific zones (2-30°C). A manual gravity-driven system inspired by automatic fly traps ensures efficient retrieval without electricity. Storage compartments are uniquely shaped—pentagonal prisms for fruits and vegetables, cylinders for flowers, triangular pyramids for food, and hemispheres for miscellaneous items—to simplify identification and organization. With heat flooring technology and carefully chosen materials, this innovative design combines functionality, sustainability, and user-centric accessibility.

Plan drawings of each perspective showcase the flow of movement into the space, how different areas are utilized, and the types of users engaging with the space. Additionally, they detail the systems implemented for sorting and handling various types of items, ensuring efficient and purposeful use of the space.









Posthuman Metabolic Thermal Storage, Paeton Noppavee Taechushong