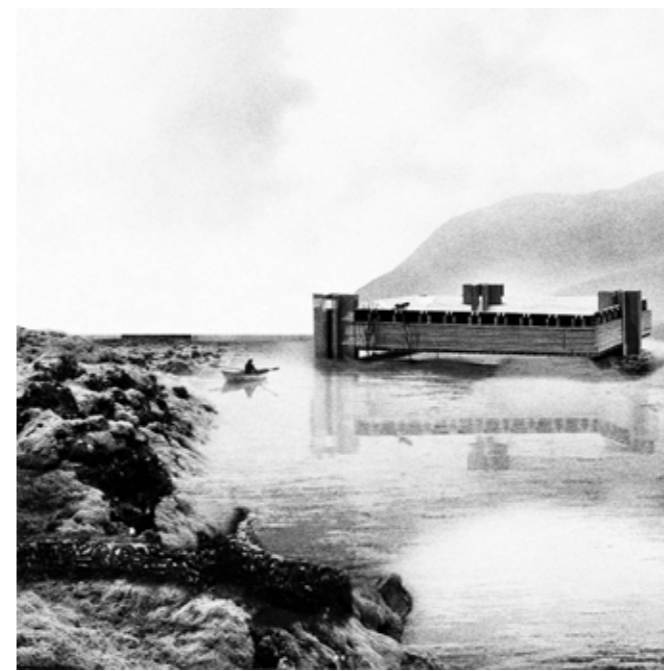


Domus Memoria forms the structure that creates an in-between [the non-intentional articulated in-between space of boundaries] that both counteracts extreme erosion on coastal areas (boundary between sea and land), as well as connects the people of two areas (boundary between land and land). Domus Memoria, located in Mai Po in Hong Kong, embraces the non-intentional changes of borders as articulated spaces in-between. In it, nature is preserved, restored and framed as a protagonist. The design forms both a landscape structure with diked rooms, walls and a building structure as House of memory.



The building is designed entirely with passive vernacular techniques and materials. The materials, concrete with local granite aggregates and wood, are mined on site while digging the foundation combined with waste rubble from local mines. In this way, the carbon footprint is below zero and contributes to the reuse of waste materials as building materials. Concrete with granite aggregates are used for the main load-bearing structure and Nyathon wood as infill elements for secondary structure. Experimented with the quantity, size, totalities of the granite aggregates present in the concrete so that the layers of the subsoil are reflected in the building structure. In this way, Domus Memoria reflects the genius loci of the place through the concrete with granite aggregates. Furthermore, these are also dependent for strength and bearing capacity in specific places and delimiting certain spaces. The concrete structure is the support of the non-intentional as a canvas for connections through inverse mass built up of 3 vertical crosses and an L-shaped horizontal structure. It is designed to meet the load-bearing function and aesthetics on the one hand. On the other hand, it is also designed so functionally on that it contains a hyper flexible structure for the infill function it carries. Domus Memoria thus forms an intelligent ruin in which functions can change over time. Inspired by ancient vernacular techniques from East Asia and Hong Kong, these systems have a highly efficient form. Domus Memoria as a concrete structure, translates as a metaphor for the roaring of the sea between land and ocean, between land and land.

