

Domaine de l'Anse Sauvage

(Inhabit the nature of the coast of Gammarth).

Foreword: Towards an Architecture of Link and Interdependence.

Our perception of the world is undergoing a profound change marked by the emergence of a new paradigm. We move from the paradigm of separation and rupture to the one of connection and interdependence where everything is perceived as being connected in the same great whole (1).

This project supports this change. He proposes an architecture of the link whose role is to re-register man within nature so that the protection of one contributes to the regeneration of the other and vice versa in a process which allows them to be rethought together within of the same affiliation.

(1) From June 4 to 6, 2021, a series of exchanges and conversations took place at the Center Pompidou, welcoming 53 scientists, philosophers, economists, jurists, anthropologists, doctors, writers, including Abdenmour Bidar and Corine Pelluchon, but also Yannick Haenel, Delphine Horvilleur, Alain Damasio, Maylis de Kerangal, Etienne Klein or Vinciane Despret. At the initiative of Henri Trubert and Sophie Marinopoulos, co-founders of Les liens qui libéré, a Constitution of links will also appear (*Les ties qui libéré*, 2021)

Introduction: Architecture as Second Nature.

This project is part of a process that aims to expand the role of architecture so that spaces in relation to the exterior take the place of "second nature". This 30% requalification of the project makes it possible to compensate for the existing deficits in the surrounding ecosystem and to prevent aggravations due to its construction. By becoming the medium 'for new relationships with nature, architecture becomes the guarantor of its balance and integrity within what has hitherto distorted it.

The irreversible destruction perpetrated around the project site encouraged, within it, to maximize green spaces, to amend the ecosystem and to compensate for what has been irreparably lost by what was previously lacking. This required the implementation of a strategy involving different types of spaces, each fulfilling a particular function within this relationship. (1)

(1) Becoming an annex, addition or extension depending on the case. These are, for example, the ancillary spaces housing nurseries (winter gardens (the NNE facade)) as well as annexes where more specialized native species are cultivated: loggia or planted roof, private garden, etc. which provide a supplementary nature).

Project presentation

The Domaine de l'Anse Sauvage is located north-east of Tunis, on the coast of the Gammarth coast on the hillside overlooking the Baie des Singes. Its abandoned vegetation emerges from the lower part of the Bay denatured by a dense frame and an eroded coastline. To better preserve this unique green enclave, 70.00% of the estate remains vegetated (54.00% converted into a botanical garden and 16.00% into private gardens). The remaining 30% accommodate 164 housing units (50% of their roof area is planted). The botanical garden is home to endangered native species as well as a great diversity of "dry plants" to fix the soil, store moisture and restore biodiversity.

The refusal to complete the blocking of the bay with concrete inspired an open architecture, composed of porous layers between which are housed living spaces ensuring continuity and exchanges with the outside. These layers call for fluidity in a movement inviting the user to project themselves into a universe thought of as a whole (interior + botanical garden). So the botanical garden is no longer just a place of passage but a living space. The practices generated by this architecture allow an open model of life, which encourages a collective approach to safeguarding the environment.

To do this, the botanical garden and architecture are inseparable from the design of a project which has been conceived in a double interior-exterior relationship. This design echoes that very one of the Byzantine or Islamic Persian gardens, it made it possible to create places of intermediate exchanges, mediation and amplification, belonging simultaneously to both and facilitating a symbiosis offering the inhabitant the experience of a "second nature".

In fact, the "interior-exterior" limit is no longer a closure but a spatial unit, both "subject" of the different functions it fulfills and attribute of the architecture that it defines. The typologies and their different uses vary according to the cardinal orientation and the levels: - Winter garden (NÉ facade, with accordion patio door, serving as a nursery for the garden) - Ganaria (South facade, serving as a bioclimatic buffer space with moucharabieh) - Living loggia terrace (with exterior double rail curtain) - Planted roof garden (with species that complement those in the garden) - Double skin loggia - Individual habitable garden (allowing to customize and accommodate species requiring more maintenance).

Client: Le Montfleury real estate development - Bayahi Group –

Mr. Yahia Bayahi - Chairman and CEO of TPR - Bayahi Group - Mr. Hatem Chahed Technical Director of Real Estate.

Philippe Barriere Collective Inc. : Advanced feasibility study Phase 3 (January 2020 - Sept 2020) with Dine Farouk Antchouet, Fatma Ben Hfaiedh, Mamary Coulibaly Farouk Turki and Philippe Barriere (PhD, Architect DPLG, Urban planner DIUP). Phase 2 (August - December 2019) - Phase 1 (February - August 2019) - Site study, conceptual approach.

Computer generated image: Jean-Emanuel Trembley, Mamary Coulibaly.

Graphic Design Consultant: Skander Ben Cheikh.

Support text for project images:

Text for the master plan:

The master plan plays an important role in the balance of the relationship between man, nature and culture that it is trying to redefine.

The layout of the buildings frees the view on the 3 main orientations: the open sea, the Forest of Gammarth, the Marina. 75% of the accommodations have a direct view of the sea. The private gardens planted on the roofs offer a triple view overlooking both the bay and its horizon and the Forest.

Text supporting the illustration of the double skin:

In biology, specification is the phenomenon by which tissues transform to specialize organs and single out the species. The space between the exterior facade and the interior facade constitutes a double skin which generates functional differentiations according to the levels, the cardinal orientations, the location in the site, the slope of the land and the perspectives on the panorama.

The double skin allows buildings to respond to external climatic and environmental contingencies (environment, seasons, prevailing winds, humidity, etc.) and to the changing necessities of interior needs. It acts as an operating organ:

- A bioclimatic function that tempers meteorological fluctuations.
- Spatial continuities with the displacement of the center of gravity of the home (living room) outwards.
- Vegetal continuities with the movement of the outdoor garden inside the house thanks to the winter garden (which can be used as a nursery).
- A widening of the interior visual field by making it coincide with the totality of the panorama.

Text for the illustration of the botanical garden:

It is a wild plant reserve where native species are preserved in their natural environment (2). It participates in the reconstruction of the original plant and the biotope altered by buildings that are now demolished. The reintroduced species participate in the site's adaptation to climate change (garden without water (3)), to prevailing winds (cypress), help to slow down soil erosion and conserve soil moisture. This type of planting requires a minimum of maintenance (4 times a year only). This garden can serve as a laboratory to save other threatened ecosystems.

Text for the illustration of the section:

The living unit is divided vertically into three parts:

- 1 - Duplex (anchored to the ground): Private outdoor garden with swimming pool (see standard apartment).
- 2 - Large (disengaged from the ground: relation to the horizon): Winter garden (veranda, exterior glazed terrace).
- 3 - Penthouse (experience of the totality of the space and the landscape): Panoramic terrace (thermal exterior curtains), planted roof terrace.