



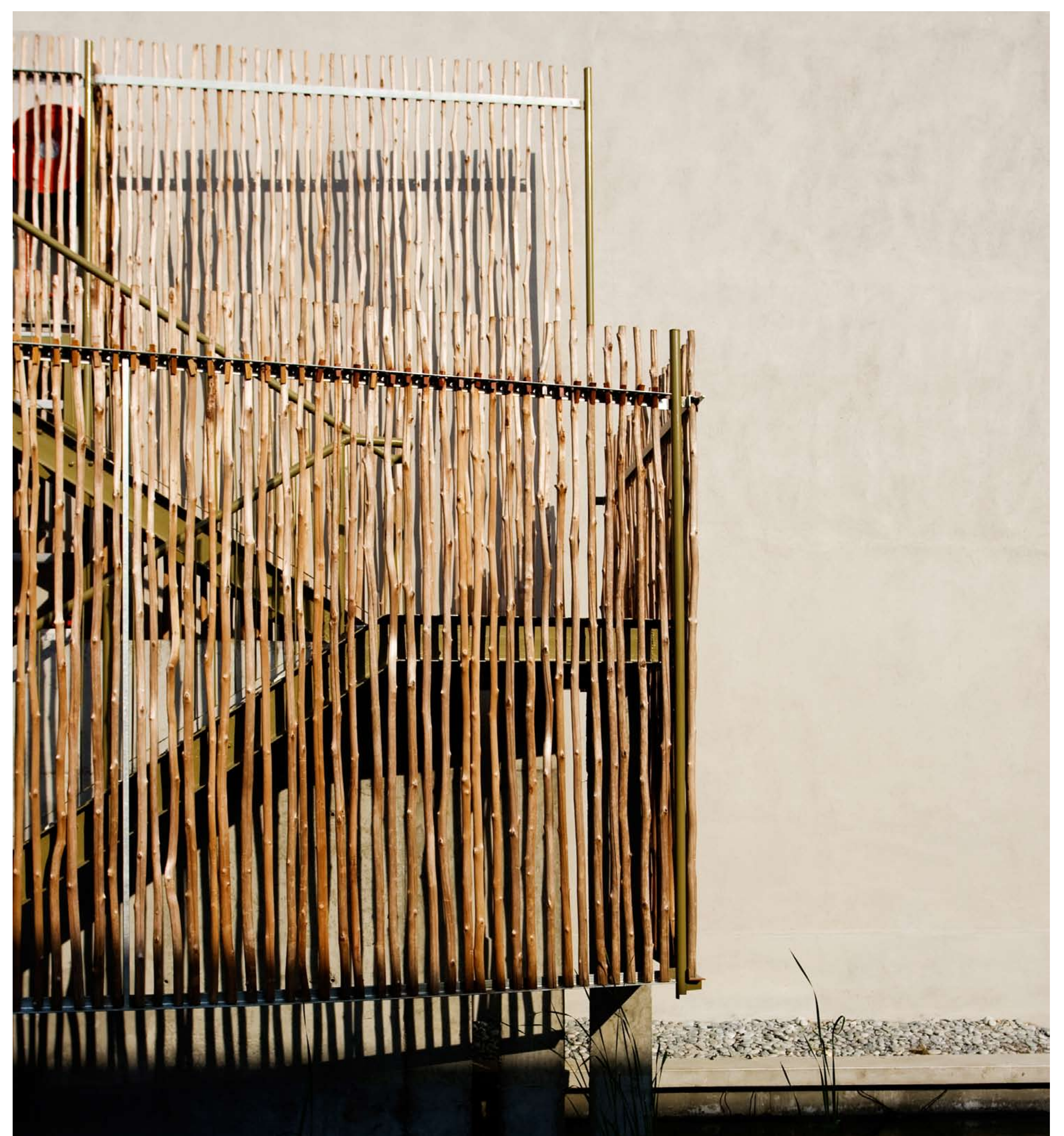
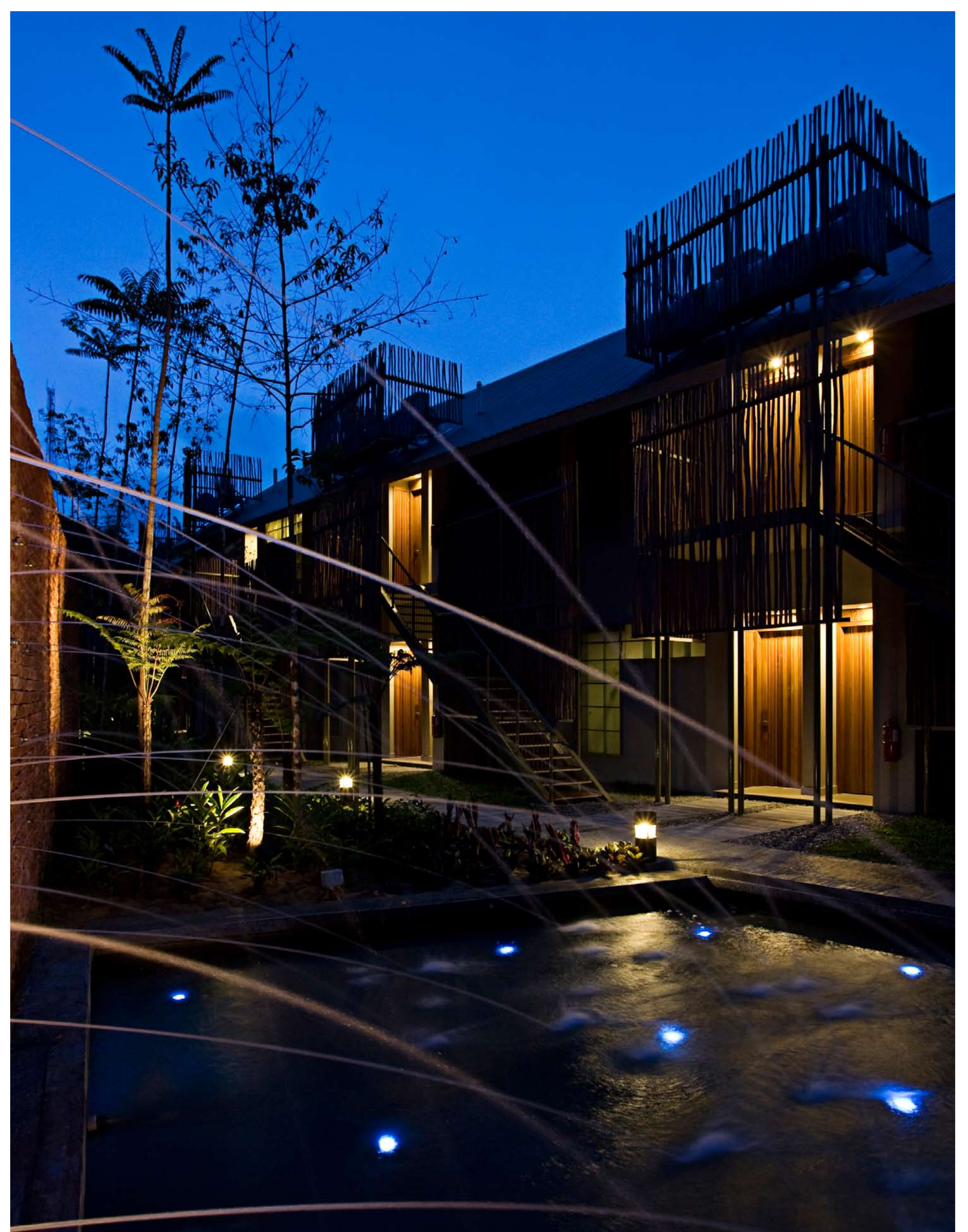
Belum Rainforest Resort is located on Pulau Banding, an island on Tasik Temenggor. To the north is the Royal Belum Forest which is one hundred and thirty million years old and to the south is the hydro-electric Temenggor Dam. Being located at an environmentally sensitive area, the resort was conceived as a sustainable development with the aim of providing convenience as well as an educational experience of nature and green issues. An extensive consultative process with environmentalists, academics, concerned NGO's and the Local and Federal Governments was carried out during the conception of the project.

The resort is a combination of new buildings and renovated elements. What emerged was a series of structures and building details developed with an underlying theme of recycling, sustainability & energy efficiency. Some of these details include feature 'huruhara' walls constructed out of recycled bricks salvaged from existing buildings on site, 'sapling' screens harvested from fast growing sustainable local timbers, a 'safari roof' using a ventilated air-gap as a natural insulating layer and heat recovery systems for hot-water from a/c units.

A tropical architecture of deep roof eaves and fenestrations which encouraged natural ventilation was developed. Woven into the fabric of the site was a landscaping scheme planted with indigenous trees and plants, to educate as well as to encourage the local flora and fauna to make their home and a series of water features which provide areas for rest, reflection and nature appreciation.

The Pulau Banding Rainforest Research Centre was initiated to harness and encourage local and international research works in the rainforest ecosystems. The developer wanted to provide local and foreign scientists with an opportunity to discover and research the rich bio-diversity of the Belum-Temenggor forest complex, of which Pulau Banding is part. This vision also aimed to cultivate awareness and educate the public on forest management and conservation of the oldest rainforest in the world.

C'arch architecture + design was founded in 1992. The core of the firm is rooted in modern architecture and applying sustainable principles. To achieve meaningful and quality work we believe in the importance of discovering the essence of a project. This will inspire and organize the functions of a design brief. We understand the significance of being able to identify, understand and apply the many wishes and concerns that are woven into the tapestry of a specific design brief to achieve reasonable results and standard of work.

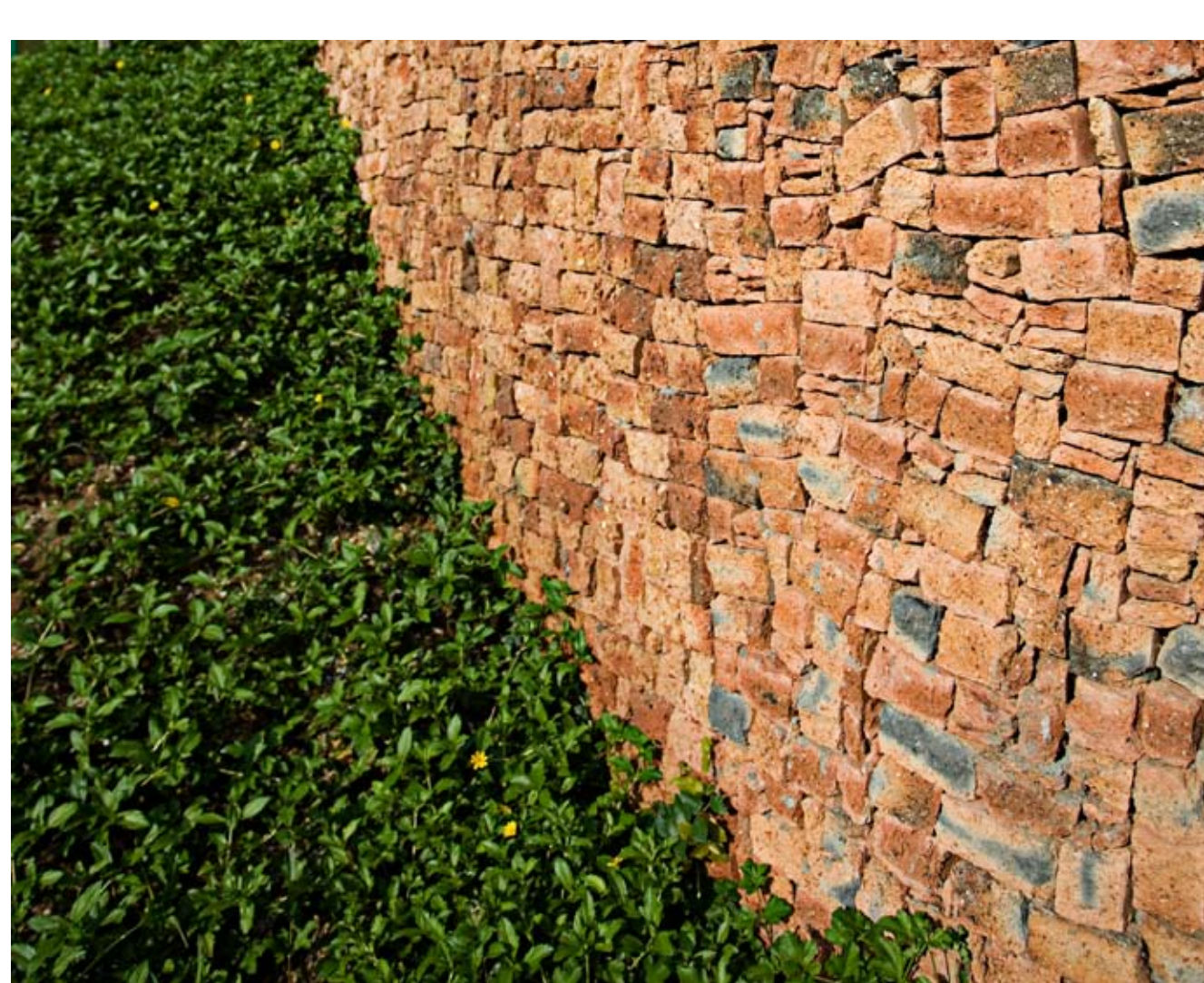


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