

WORLD'S BEST ASIA PACIFIC 2014-2015

Thailand



JTA, an award-winning architecture and interior design company, was commissioned to create the architectural design for Thiapairat Residence in Samutprakarn, east of Bangkok. The clients, a couple with four children and their grandmother, wanted a property suitable for accommodating all three generations under one roof. The challenge for JTA was to design a home in which the family could enjoy each other's company without having to compromise freedom, differing needs and privacy.

As well as privacy, the maximization of views from every room and low energy consumption were the main aims. These priorities were achieved by providing cross ventilation throughout the house to reduce the reliance on air conditioning, solving a double-sided wall with an air gap in between to reduce heat gain on both the east and west sides, and solar panels to provide hot water for the whole house.

The north-south 1,492m² site and the layout of neighbouring house plots either side have issues for the project development. JTA's design connects the house to the garden and lake with an integral element of the design, a sense of reflection swimming pool is strategically placed to maximize the view and cooling breeze over the house as the sun sets over its surface.

Displaying JTA's vision in architectural design, the house is situated near the Chao Phraya River in Bangkok-northern, in 1991 and has not been renovated. The renovation carried out in response to the progress of technology and new needs of patients, the manager



to renovate the existing building and expand the outpatients' department by adding a new building. Both had to be designed to complement each other while a new access was to be added for admitting emergency patients via the new emergency department to secure rapid diagnosis and treatment.

The chosen concept provides patients with a pleasant space, creates a functional hospital, eradicates the conventional image of a hospital and creates an environment which is much more friendly. Based on this, the renovation project revolves around the public access and requirement of natural lighting, with areas for public use located at the bottom and more specialized functions on the upper levels of the four-floor building.

Creating connections and flow were key to the design, thus an escalator was added to allow easy access to various functions of the outpatients' department. Studies show that daylight and views have a healing effect on patients and so the solid wall was replaced with an insulated glass wall. This creates transparency and an abundance of natural light through the interior and provides a view for the lobby and waiting areas.

The interior design creates a symbiotic relationship between medicine and nature to humanise patients' experience as much as possible. Placing an emphasis on natural surfaces with a warm colour scheme, materials include sandstone, wood veneer and industrial composite stone to ensure durability and the lowest maintenance cost.



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BEST PUBLIC SERVICE
INTERIOR THAILAND
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by JTA Co., Ltd

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