

A detailed architectural drawing of a modern building with a flat roof and large windows. In the foreground, a car is parked, and a person is standing next to it. The drawing is rendered in a sketchy, line-art style with some color washes. The background shows a landscape with trees and a body of water.

4

Gather, Leisure and Play

Ruslan Razak

Jury Review
Lee Chor Wah

Bold in Nature
Zalina Shari

Trellises of Tranquility
Sumani Ismail

Fresh in Motions
Nik Fazlysham Nik Mat

Dynamic Realm
Ruslan Razak

Visual Verve
Zalina Shari

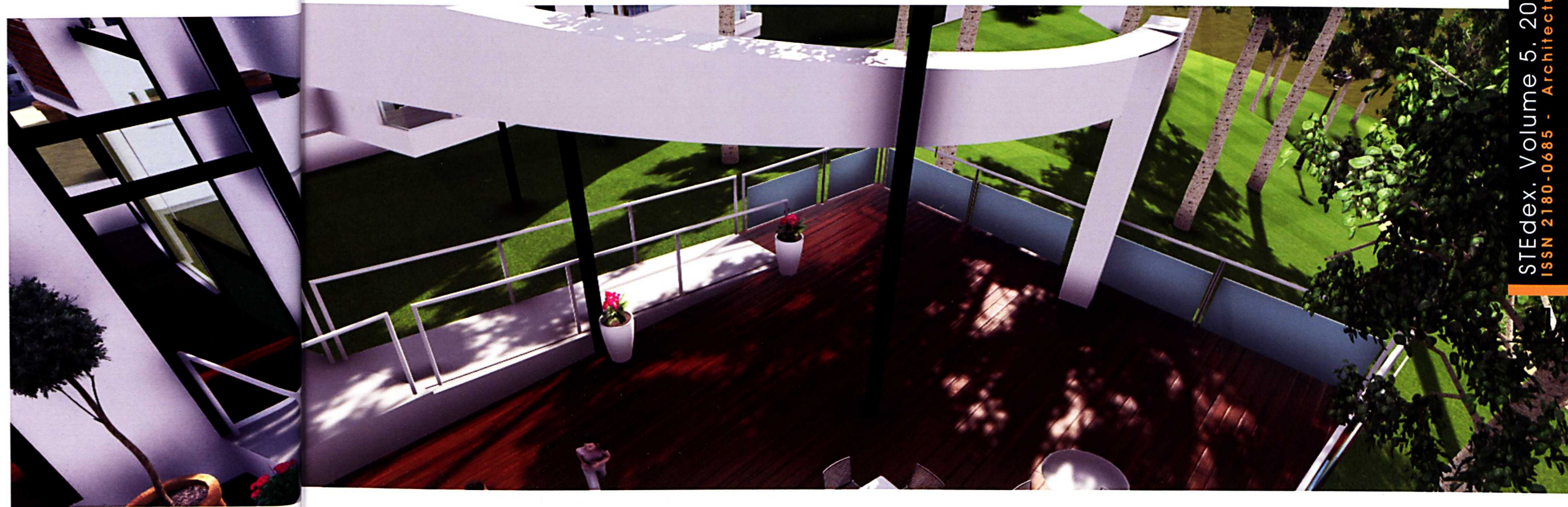
Gather, Leisure and Play

Ruslan Razak & Ainul Rahman Abdul Rahim

With the theme 'Gather, Leisure and Play', the fourth semester architectural design studio covers design of single-use buildings with multiple-spaces which incorporate building technologies, site planning and spatial planning for formal and informal public areas, as well as environmental factors such as passive design strategies, daylighting design and design sustainability. The studio aims to enable students to assimilate architectural design principles the design involves up to three-storey-semi-public medium-size building with specific building function that is friendly to the environment.

The studio took on two projects this semester. The first project is an Information Centre and the site is located at the Putrajaya Wetland, Putrajaya. The students are exposed to nature and are expected to in respect he nature when considering the relationship of internal and outdoor spaces, integrating the existing contour and landscape, and exploring building designs using mixed timber construction.

The second project is a Recreational Sports Centre. An area surrounded by greeneries at the existing open futsal arena at Taman Tasik Permaisuri Cheras, Kuala Lumpur, was chosen as the site for the project. The proposed centre is designed for the youth and local people from the surrounding area to experience various leisure activities while viewing indoor and outdoor sports and live performances. By integrating public spaces with recreational and other facilities such as café and open theatre, it is clear that the centre is meant for the community to 'Gather, Leisure and Play'. Besides serving the cultural, recreational, festival and educational purposes, the centre should also be conceived as a pavilion in the park and an icon for the community.



Jury Review

Lee Chor Wah

Putrajaya Information Centre / Wetland
Information Centre

Positive energy reverberates from the diverse design proposals in the second year's design works. In the excitement of giving forms to the projects, many students might have forgotten that architecture is rooted in not only time but place, i.e. culture of the place. Many proposals are contemporary and international in their outlooks, and certainly have captured the spirit of our time. They could improve on seizing the spirit of the place.

The graphic presentation techniques are impressive for second year students and model-making skills could be improved. Students seemed to be struggling between plans and three-dimensional forms, especially

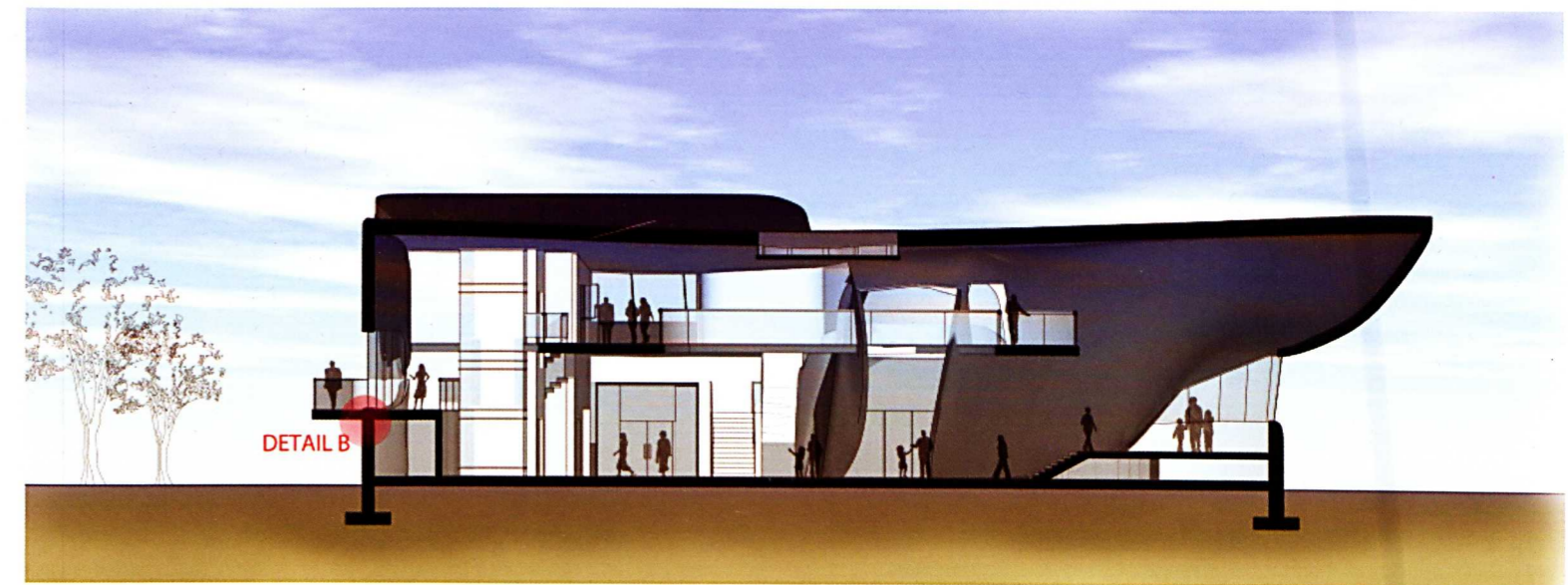
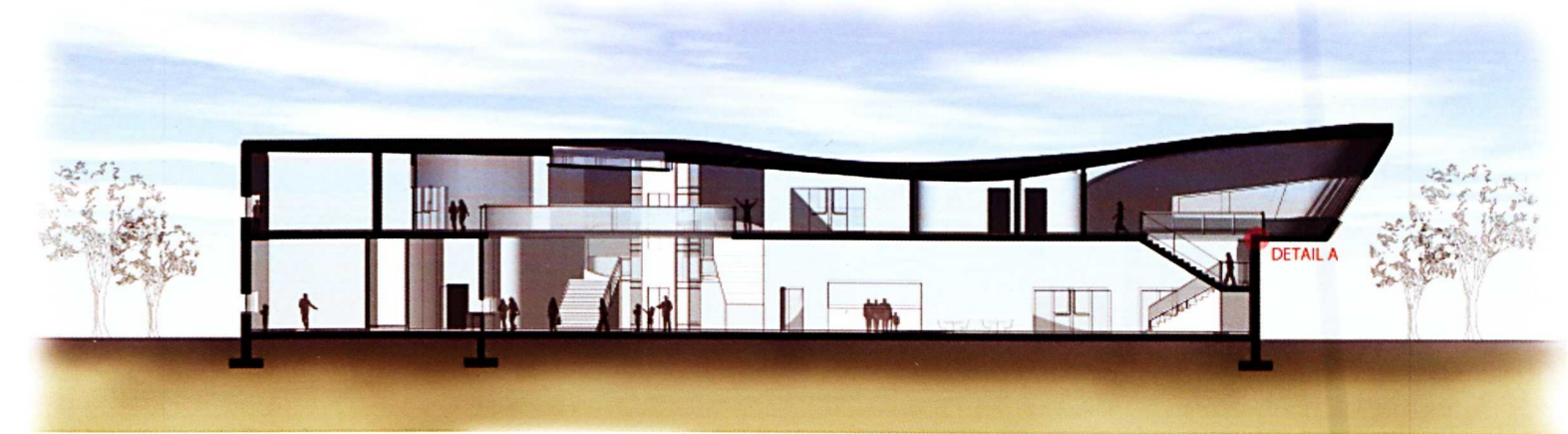
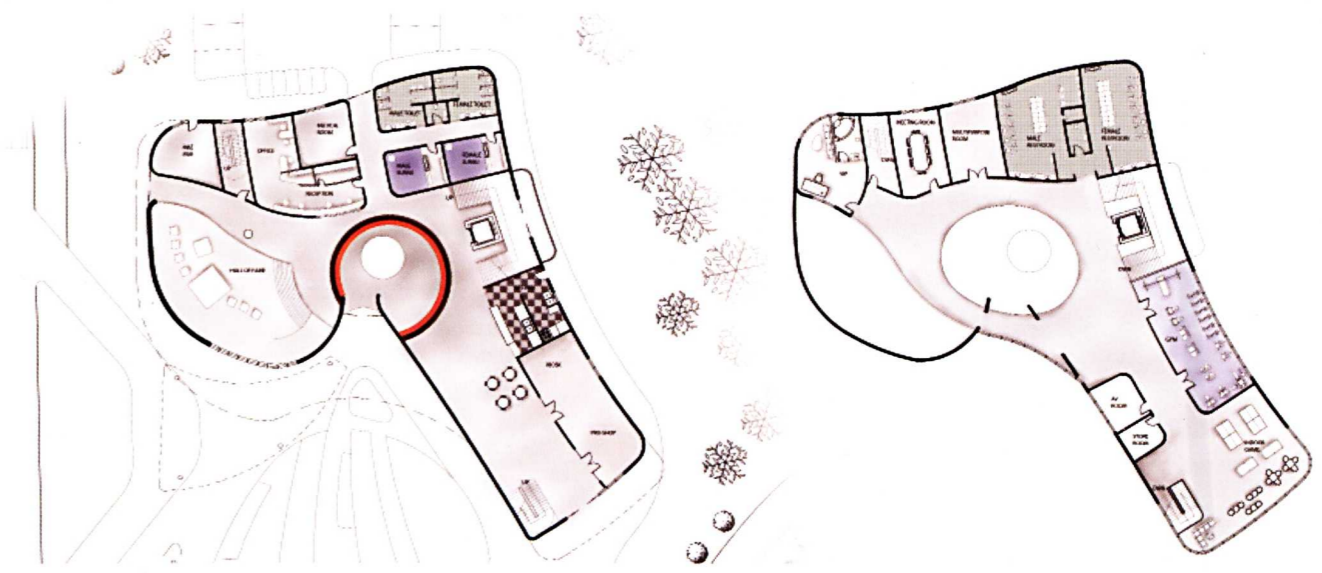
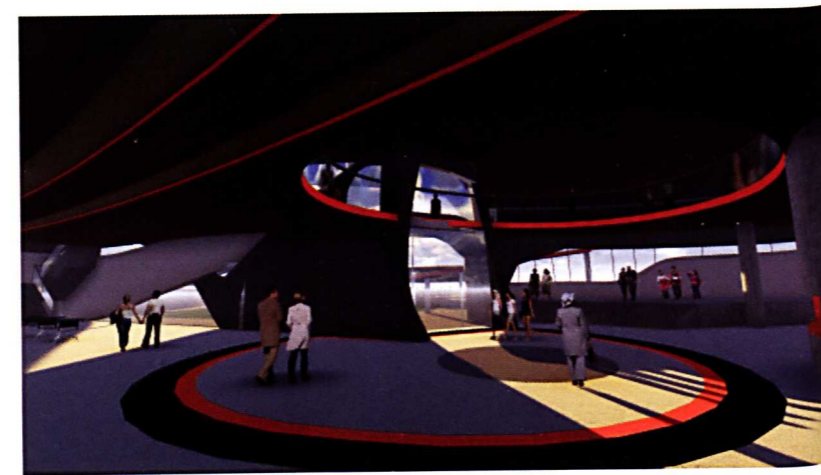
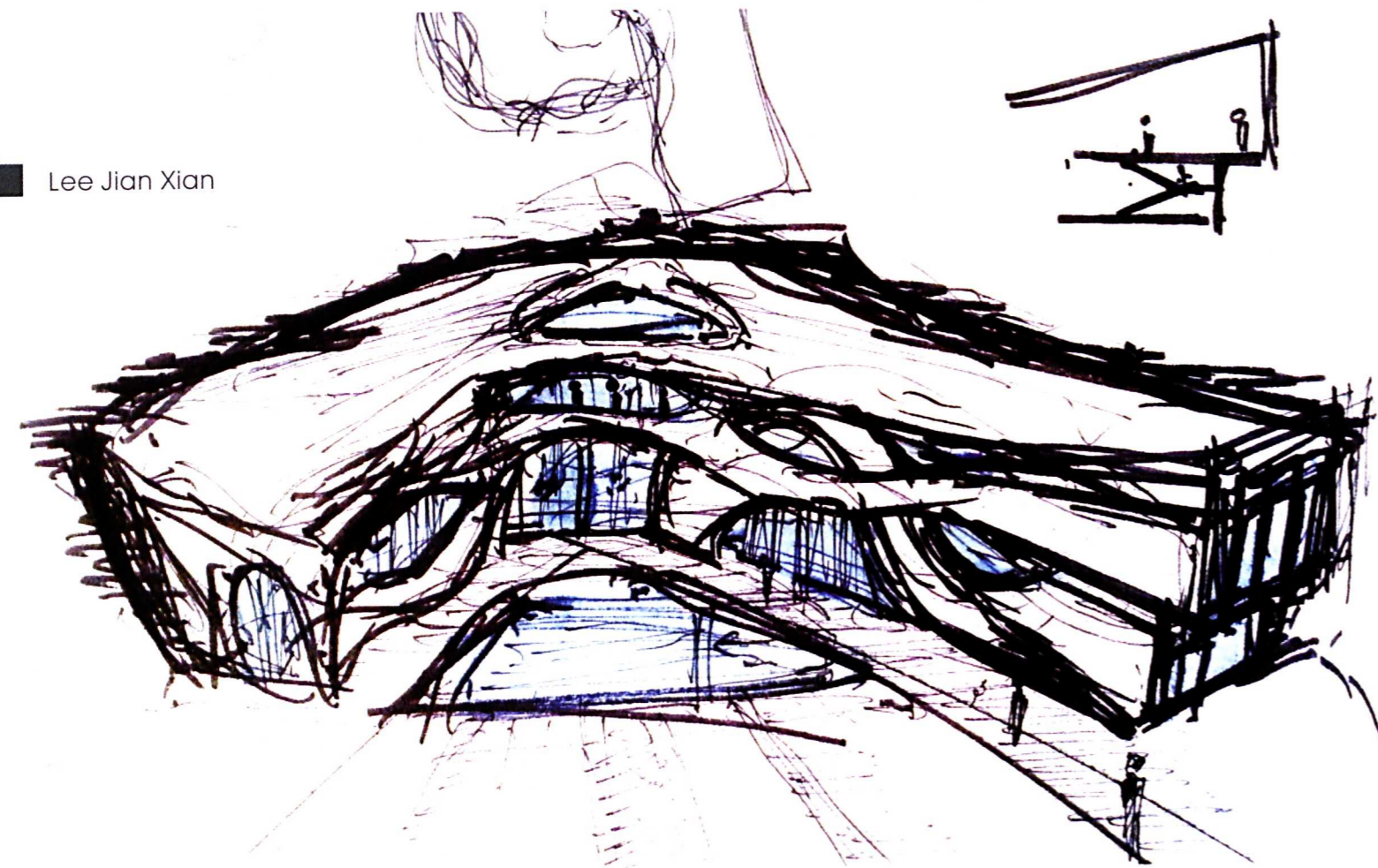
spaces. The simpler, more rectilinear plans are better resolved but then not so interesting in the shapes and forms, while the ones with interesting forms tend not to be so well resolved in plans and space allocation. The challenge is for students to have a better understanding of geometry and structure both in plans and three dimensional resolution so that they could express themselves more effectively. The project "Reconnect with Nature" for the Wetland Information Centre seems to have encapsulated the spirit of time and place of architecture (aside from the Yellow-Treehouse-Restaurant-inspired cages), the form is fluid and modern but the materials and overall expression are local and tropical.

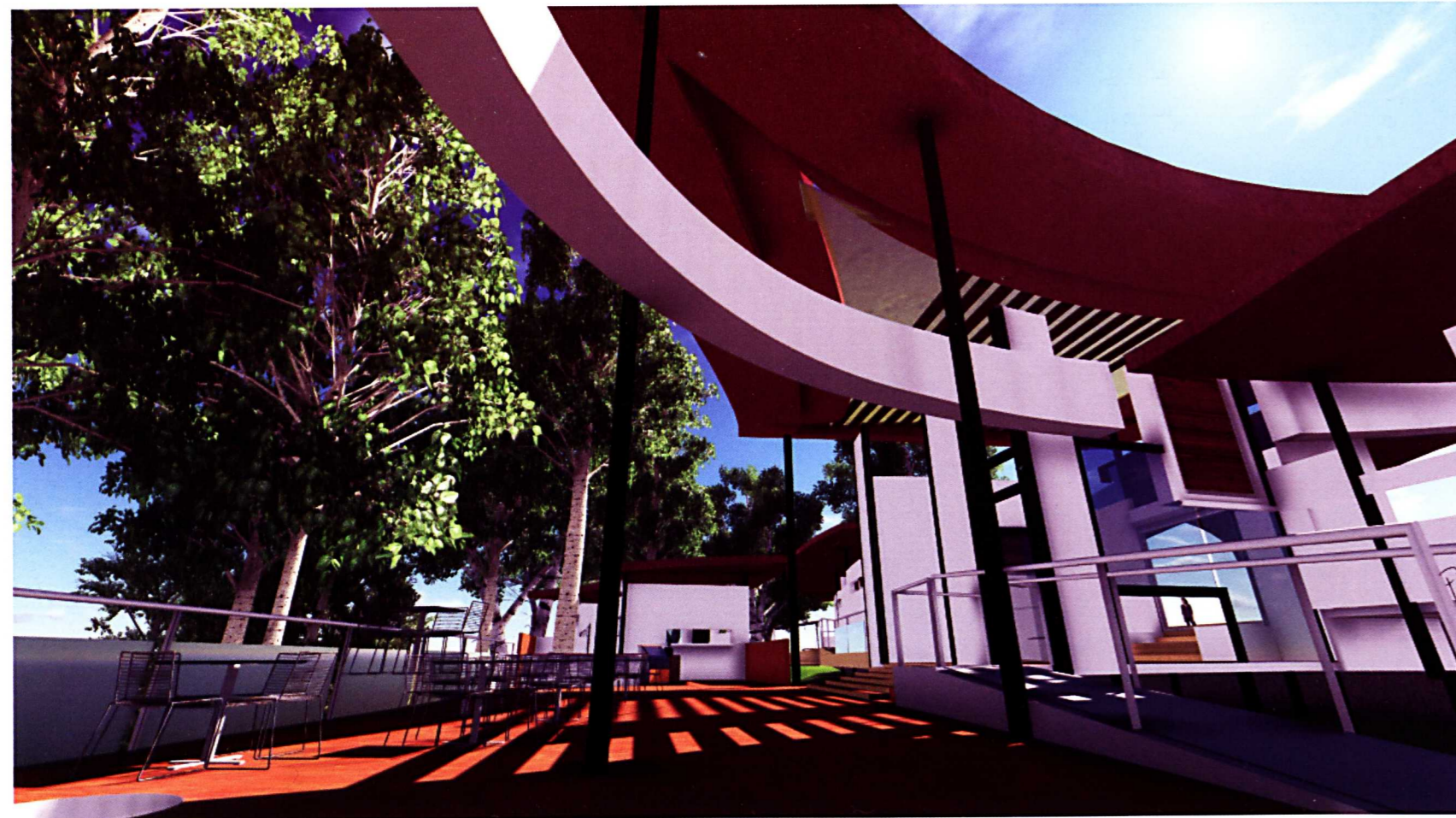
Bold in Nature

Zalina Shari

The building concept arises from the consideration of site positioning, a plot on a green field within the Taman Tasik Permaisuri, Kuala Lumpur. In facilitating the enjoyment of an architecture in a park setting for the users, Lim Jian Xian allows cross-circulation on the ground floor, weaving architecturally through the site in his design. The Centre is envisioned as a porous public recreational building with multiple entries and exit points, one of which opens up to the major turf field where outdoor futsal game, street performances and other crowd-pulling activities take place. The 'communal' function which includes retail spaces and a Hall of Fame at the ground level also aims to generate crowd movement from Jalan Tasik Permaisuri 2 and the turf field. The 'leisure and recreation' functions that include a gymnasium, a multi-purpose room and an indoor game area are located on the upper floor to face the lake and garden. In this way, the major building perimeter reflects the nature of local street activities and surrounding spaces. The main lobby at the centre of the building is the main gathering space and also acts as the central control point for the building. Jian Xian's proposed recreational and sports centre is a seamless combination of contemporary aesthetics and a well thought design that, in addition to serving the community's recreational needs, it also becomes a bold sculpture for the eyes.

■ Lee Jian Xian



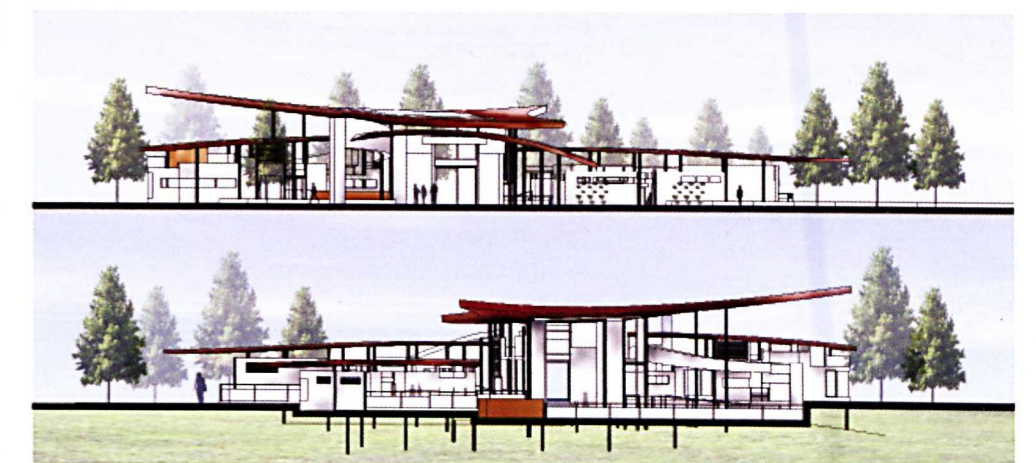
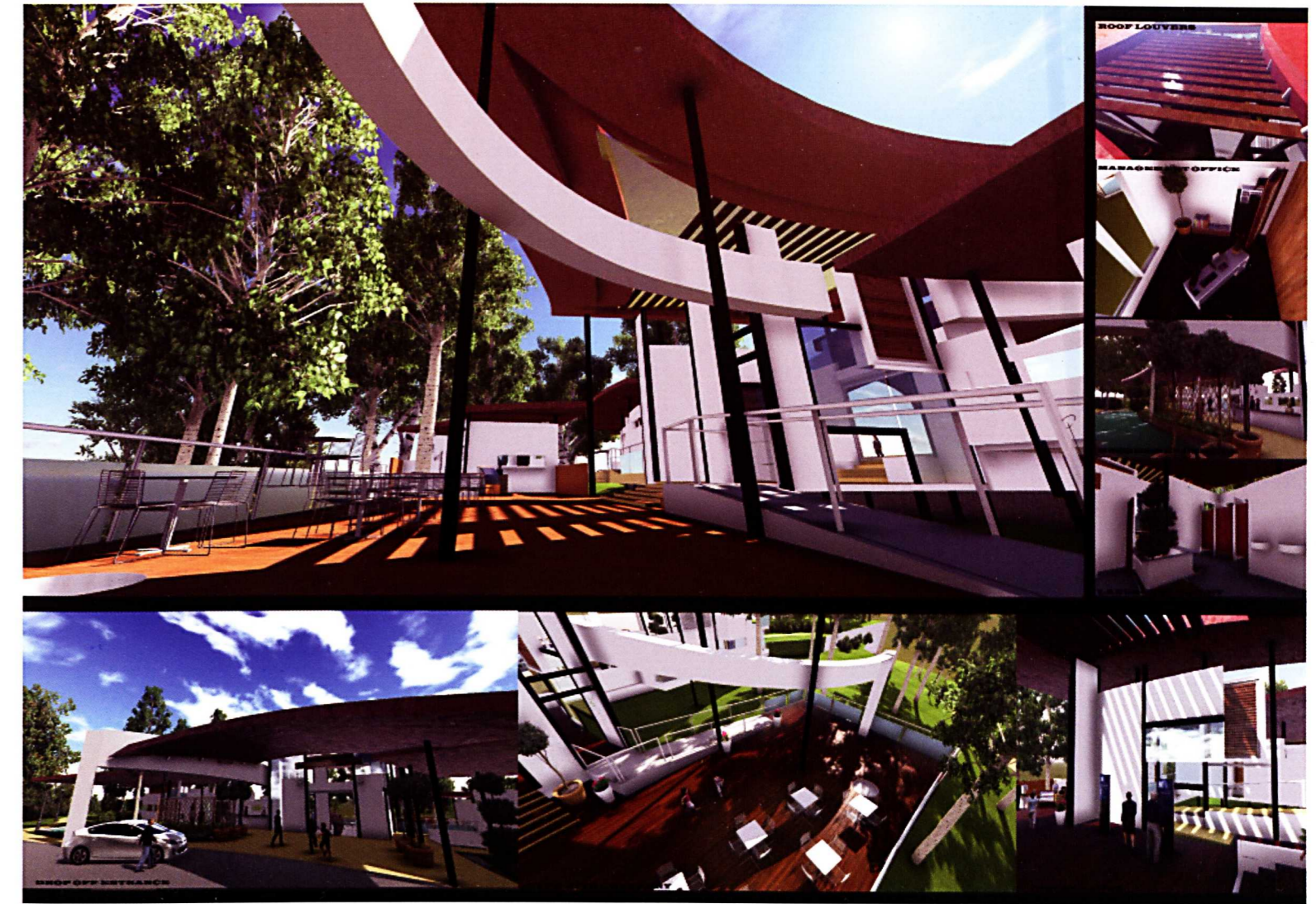


Trellises of Tranquility

Sumarni Ismail

Putrajaya Wetland Info-Centre, Putrajaya was chosen as the site for the project. In her goal to produce an architecture where natural ventilation and sunlight are effectively optimised, Wong Kai Li generated her design thinking and ideas through the use of heliodon tests (sunpath) in her response to the climatic conditions. The building footprint has a north-south orientation to take advantage of the local climatic condition, while protecting major spaces from the tropical sun. For the design concept Kai Li has laid out space planning that integrates the relationship between humans and the natural elements. Passive design strategies are incorporated by introducing trellis above the main

entrance that functions as a louvred sun-shading device. The trellis is angled to reduce the solar heat gain, while allowing the morning sun to wash the east facade. The atrium of the building is designed to optimise the daylight and allow free air flow. The wise choice of white colour is used for the interior and exterior, while red is selected for the roof to create a contrast for the building, for Kai Li has sought to integrate an architecture that becomes an impressive landmark yet respecting the existing tranquil scenery. 'Architecture must relate to place. To relate to place the architecture must be sensitive and respond to where it is located' (Yeang, 2011).



Wong Kai Li

Fresh in Motions

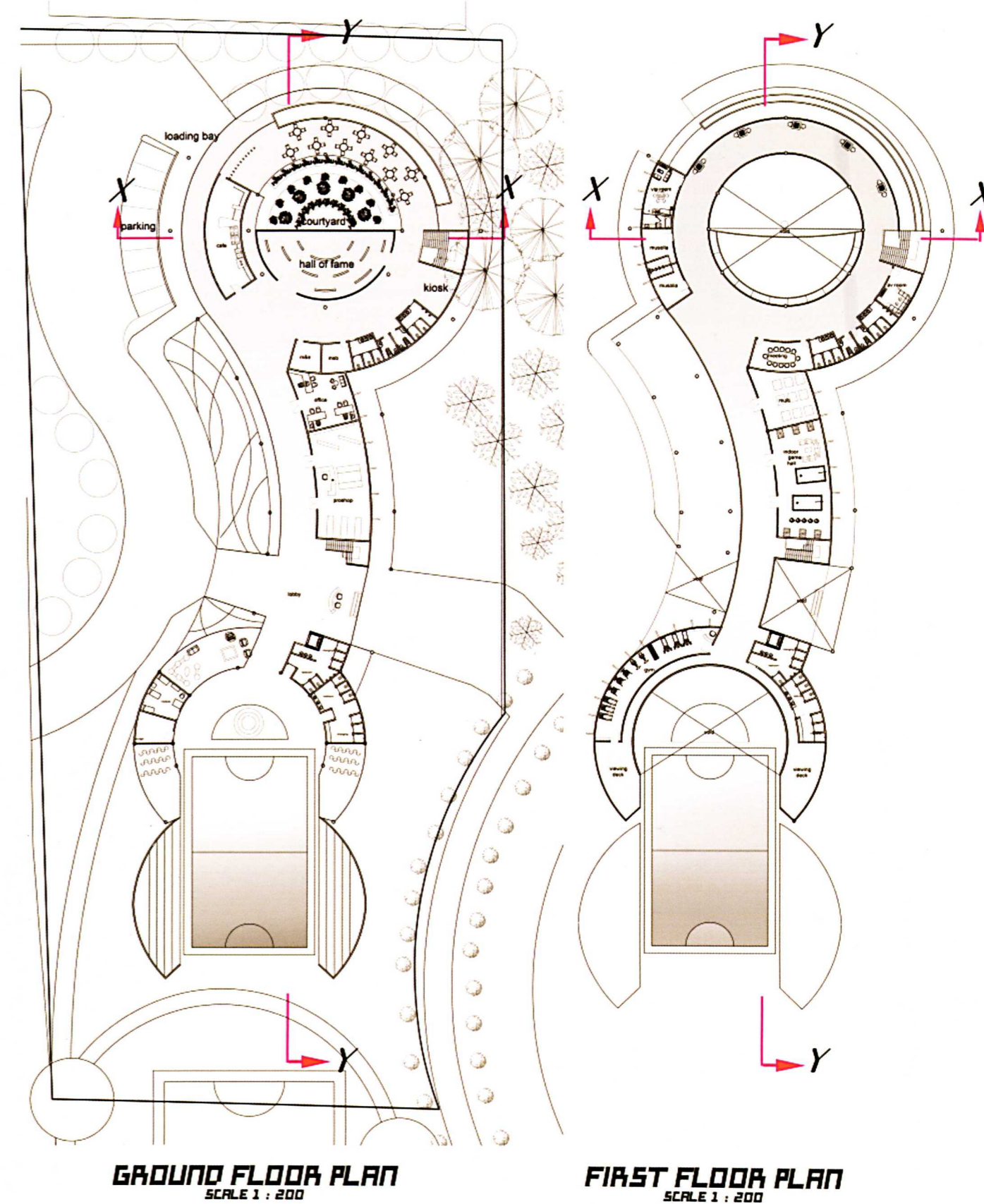
Nik Fazlysham Nik Mat

The Recreational Sport Centre is located at Taman Tasik Permaisuri Cheras, Kuala Lumpur, surrounded with green and fresh environment and situated close to the existing public lake park. In coming up with the design process, Norhasyida was inspired by the three words that are synonym to sports, which are 'movement', 'motion' and 'momentum'. In her design, 'movement' refers to the circulation of the building, 'motion' reflects on the spaces for physical activities and 'momentum' shows the complexity of the building shape and colours that can be seen clearly on the building façade. This

center accommodates a wide range of individual and group recreational sports and fitness facilities, which include a futsal field, gymnasium, snooker table, table tennis, card games, board games, darts and an open playground. It is a great place for families, individuals and groups of people to participate in all sorts of activities by integrating public recreational space and other facilities at the center such as café and open theatre. Besides providing spaces where people can play, meet and socialize, the center also enriches the value of the existing lake park in attracting more visitors to come by and enjoy the place.



■ Norhasyida Abd Kadir

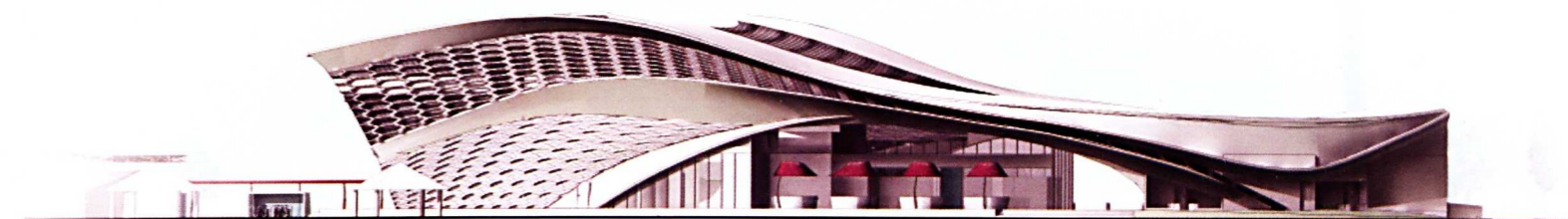
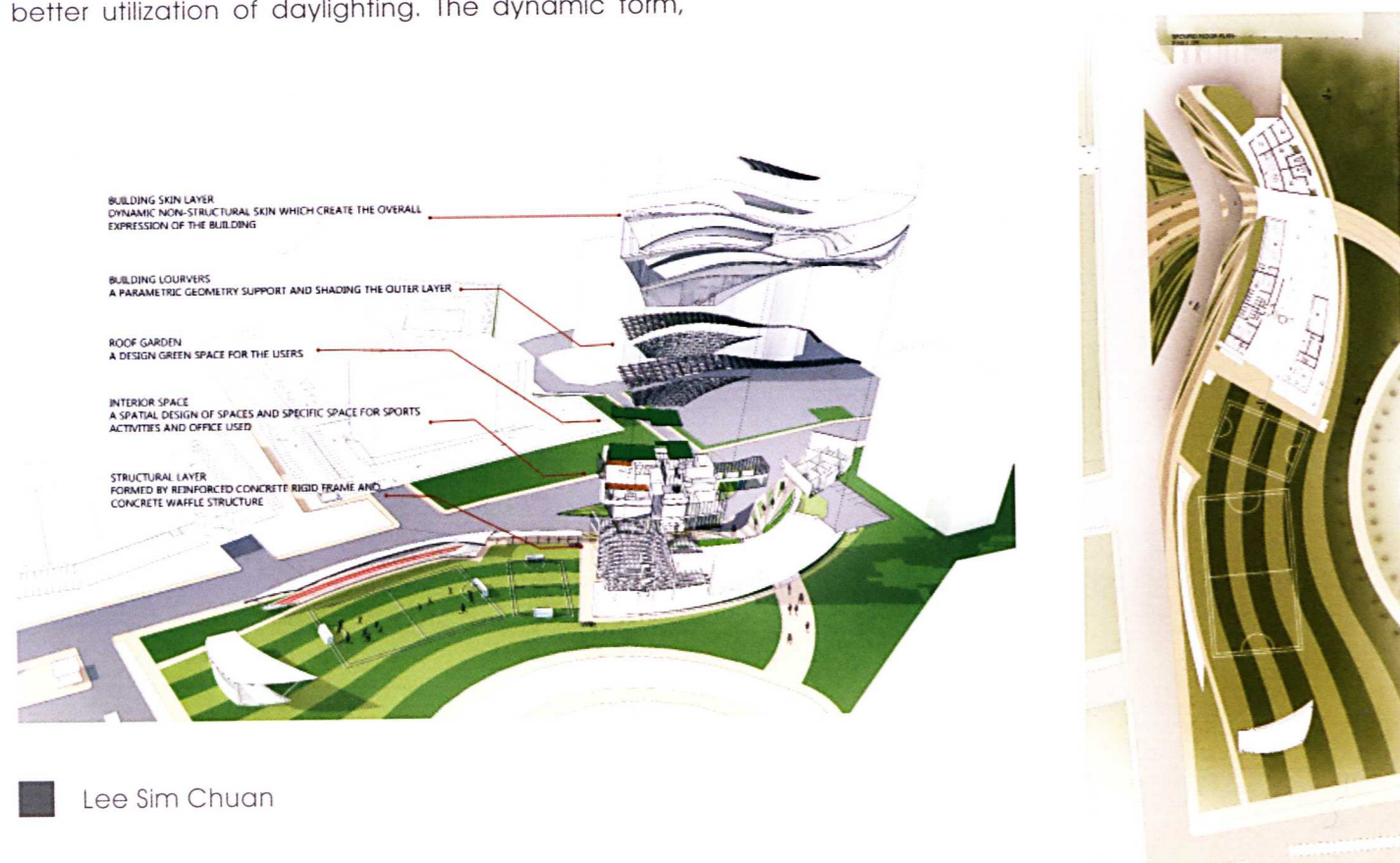


Dynamic Realm

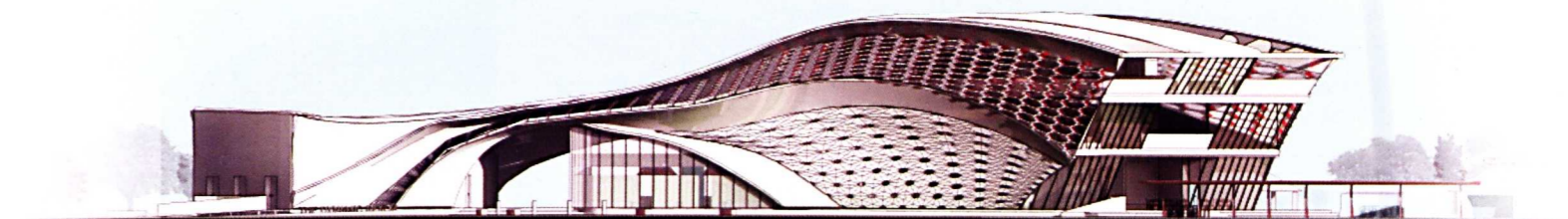
Ruslan Razak

Using 'Dynamic Realm For Life' as a theme, Lim Sim Chuan's design offers a bold sculptural object in the urban park that becomes the icon for the area. The social culture in Taman Tasik Permaisuri seeks a recreational centre that integrates 'life' in the community it introduces sports activities especially for the youth in an interesting place where they can come and gather, a place for everyone and not just athletes. The centre provides spaces with a dynamic feel and well designed to accommodate leisure activities. Based on the site analysis and sunpath synthesis, the building orientation and form are designed for sustainability by slicing the corners of the linear plan, giving a dynamic surface and allowing better utilization of daylighting. The dynamic form,

from the roof to floor weaves a multiple experience between social spaces, sports spaces and common areas. Flow of spaces from the private to public realm is well defined. Sim Chuan has created a roof garden to encourage users to have their leisure time while watching others play soccer or stage performance. The building skin technology introduced in this scheme is the main goal for the future of the sports center, with a thermal insulation that gives a representative identity allowing many variations depending on the day and interior lighting. The building makes its own vocabulary of public space and complements the urban landscape elements, imprinting a new impulse to the site.



EAST ELEVATION
SCALE 1 : 200



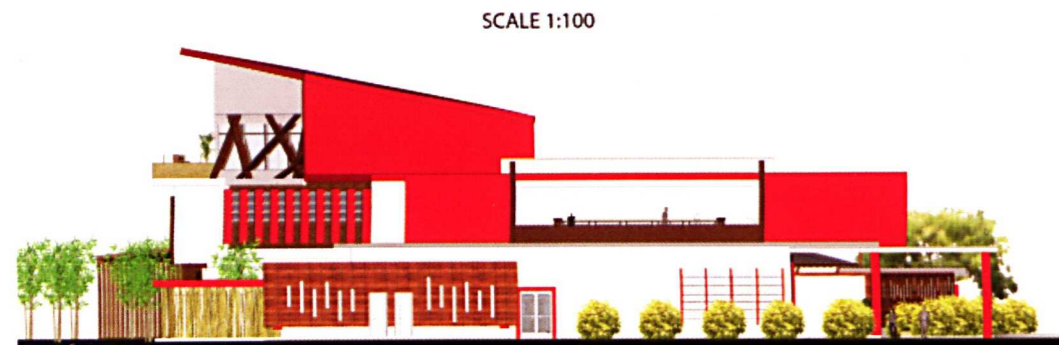
WEST ELEVATION
SCALE 1 : 200



Visual Verve

Zalina Shari

The underlying concept of the recreational sports centre demonstrates a desire to evoke enthusiasm and passion for sports and recreational activities in the local community and to provide an architectural space that is lively. From cubes and cuboids, Tan Wan Joo creatively revived the visual impacts of the design elements by disintegrating, interlocking, distorting and overlapping the masses and spaces. The result is a complex of buildings organised in three parts with a staggered design which not only reduces its mass but also enhances a sense of integration with the environment. The complex comprises a series of small geometrical elements which directly relate to the functional requirements of the building. The insertion of diagonal frames challenges the established matrix. Open terraces are created for the public to enjoy outdoor activities on various levels. The building spatial arrangement is guided by Wan Joo's aim to connect all four sides of the site, physically and visually while minimising ecological disturbance to existing greeneries on the site. The central courtyard forms an additional piece of landscaped area, whilst connecting the building to the outdoor futsal court as well as the performance theatre beyond. Exuding a festive atmosphere, it becomes an inviting avenue for the gathering of the local community for various recreational activities. The transparency of the facades with appropriate shadings along the courtyard and street also encourages the public to use the facilities offered by the recreational sports centre.



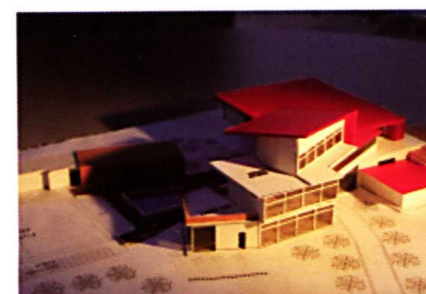
JUN 6 P.M.



DEC 8 A.M.



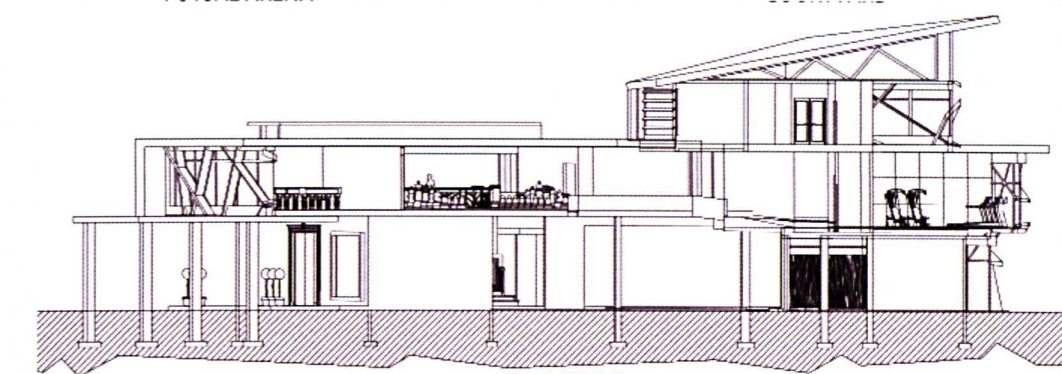
DEC 9 A.M.



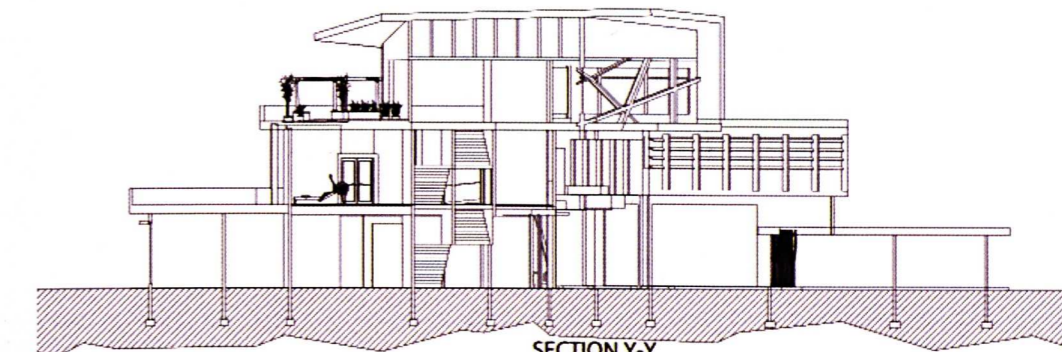
DEC 5 P.M.



DEC 6 P.M.



SECTION X-X
SCALE 1:100



SECTION Y-Y
SCALE 1:100

■ Tan Wan Joo

