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UM EXAM HALL
SRI KDU INTERNATIONAL SCHOOL
DESA PARKCITY INTERNATIONAL SCHOOL
UIA KULLIYAH OF DENTISTRY
UiTM PUNCAK ALAM
INTERNATIONAL INSTITUTE OF ISLAMIC THOUGHT AND CIVILISATION
UiTM FACULTY OF MEDICINE

new learning institutions

PLUS: LE MON HOUSE / SHOPHOUSE
OFFICE / EMERGING VOICES

The design concept for the UIA's Dental Faculty involved creating a building that reinforced the nature of work within, while also subtly expressing the Islamic nature of the site, creating a correlation between the contemporary operations that take place internally with the progressive quality of Islam and in turn,

exhibiting this intent peripherally. This was achieved with the use of a few key features found on the facade of the building.

In order to demonstrate that Islam is not a religion set in time, the traditional physical forms commonly used in such architecture such as heavy monolithic arches and domes were either avoided or

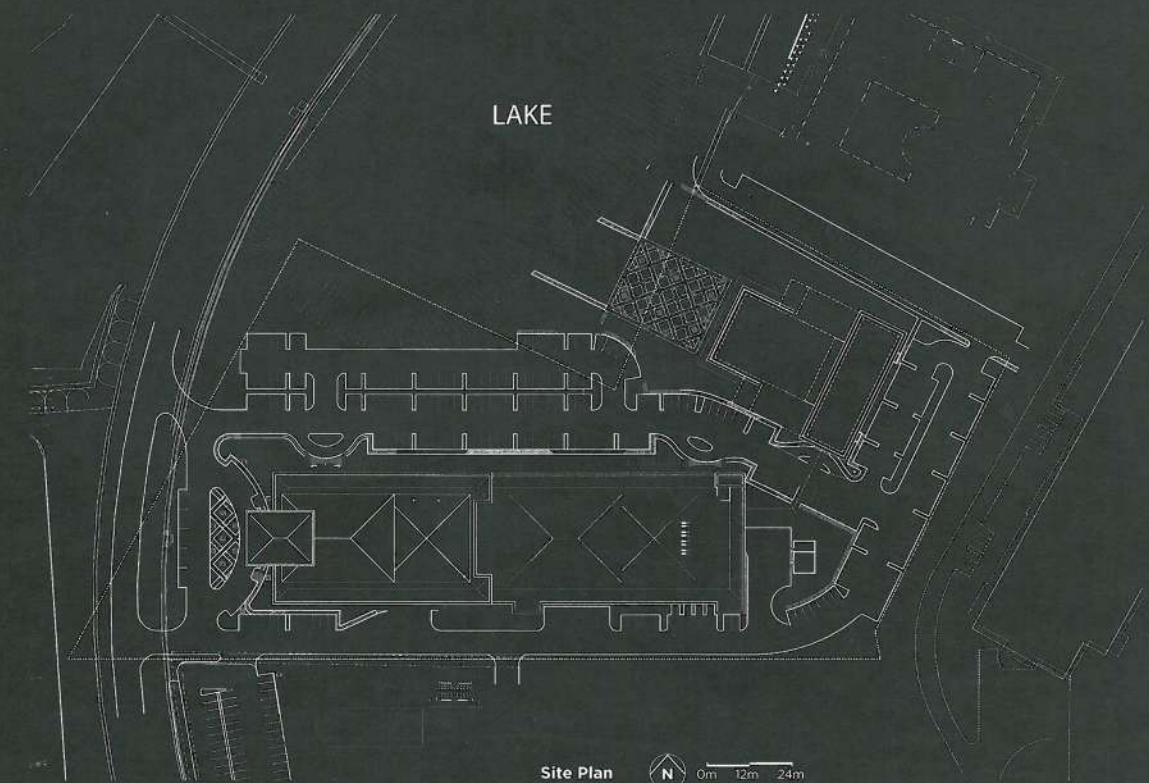
amended to illustrate these views. Such elements include the large leaning arch at the main entrance of the building which demonstrates that Islam is a forward thinking religion and is always striving to look ahead of the times. Another feature is the use of aluminium instead of concrete in the lightweight exterior arches that form the

arcade walkway, this relates back to the adaptability of Islam. The planning of the faculty was based on the workflow within the building. The architects had to understand the relationship between work areas to create efficient, functional and yet vibrant spaces so that the lecturers, students and patients would enjoy using



Administration building entrance lobby. The leaning wall in pink, angled lobby and extensive glass wall are supported by the curved steel frame

Arch detail. View through the exterior arcade



Site Plan N 0m 12m 24m



Night view of the overall administration building at the outpatient entrance. This view emphasises the diagonal plane of the building and displays the shadows created by the porch and sun shading devices on the walls.

the facilities. This understanding was crucial to the layout of the plan that is dictated by the functions of the faculty.

The core of the building consists of the Central Sterile Supply Department, Imaging Department, Operating Theatre, Procedure Room and Day Care Wards that support the public clinics. The plan was laid out in such a way to allow these critical central facilities to be 'shared' between all spaces.

The Administration and Clinical blocks are laid out in a linear, North-South orientation, to maximise the views out of the clinics and rooms while minimising heat gain. The Dean's Room, offices and clinics on the South facade of the same building have a commanding view of the lake.

The interior design layout of the Dental Faculty has a different conceptual approach to the overall building structure. The objective was to alter patient perception and to create a fun and friendly environment that will help alleviate the common fear of going to the dentist's office.

This was achieved with the use of vibrant, cheerful colours and non-standardised shapes and forms throughout the buildings. The unique, whimsical interior is a stark contrast to more conventional dental hospitals that tend to appear more sterile, clinical and dull. /am



CLIENT
JABATAN KERJA RAYA
MALAYSIA (JKR)

LOCATION
UNIVERSITI ISLAM
ANTARABANGSA,
KUANTAN, PAHANG

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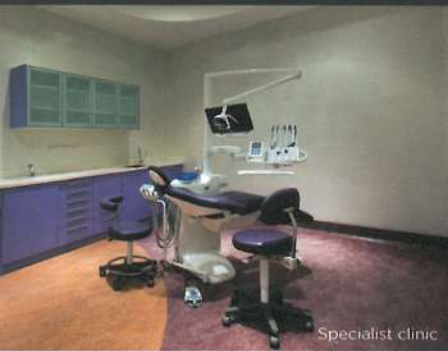
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Fabrication lab. The compressed air nozzles in the fabrication lab of 70 proprietary workstations create a lot of noise. Sound insulation was installed in the ceilings to overcome the noise and maintain the clinical cleanliness of the area. No insulating material was installed within the ceiling space that is supported by perforated ceiling boards



Specialist clinic



Polyclinic - view between rotundas



Polyclinic - view into a rotunda segment



Staff lounge



Auditorium



Teaching lab



Teaching lab



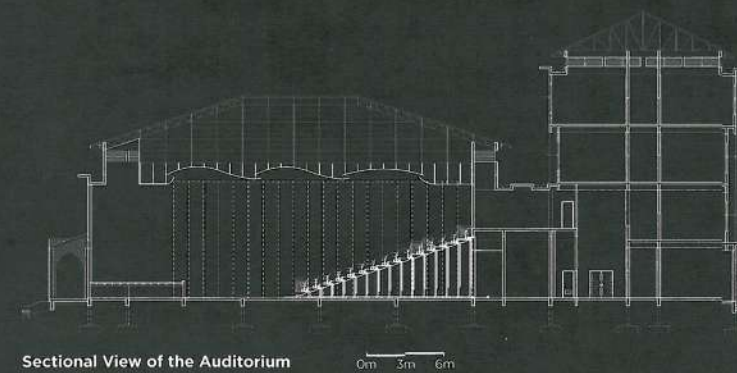
Polyclinic - view into a rotunda segment



Student café

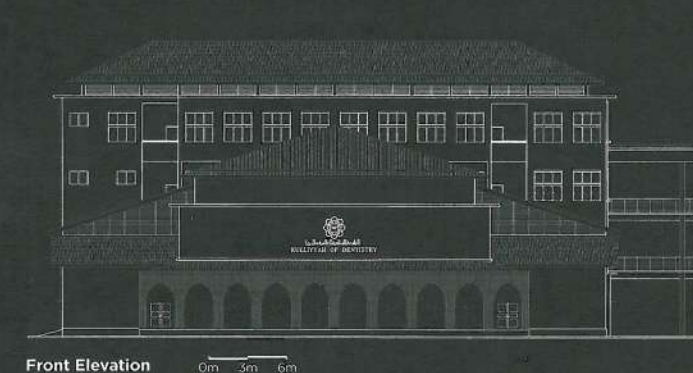


Public Health - Plaque Disclosant Area. The area where children look at their teeth under UV light to view plaque. The enclosure curved and furnished with tooth-shaped mirrors and tooth-shaped stools to create quirky, pod-like effect in the interior



Sectional View of the Auditorium

0m 3m 6m



Front Elevation

0m 3m 6m