

HEALTHCARE DESIGN

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INTERNATIONAL ARCHITECTURAL SHOWCASE

GENERAL ACUTE CARE HOSPITAL

Sfeir Architecture, Inc. SAN DIEGO, CA

Said Ali Ghodran Medical Center DAMMAM, KINGDOM OF SAUDI ARABIA



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Project category: Project in progress (June 2011)

Chief administrator: Sheikh Said Ali Ghodran, Owner; Abdulaziz S. Ghodran, Executive Vice-President

Firm: Sfeir Architecture, Inc., (619) 299-3917

Design team: Joseph M. Sfeir, Principal and Lead Designer; Luc Allard, Project Architect and Designer (Sfeir Architecture, Inc.); Tony Ngo, Mechanical and Plumbing Engineering, Principal-in-Charge (Advanced Technologies Consultants, Inc.); Hussain Al Jumaa, Local Architect, Vice-President (Alawami Planners & Consultants);

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Total building area (sq. ft.): 592,020

Construction cost/sq. ft.: Not Released

Total construction cost (excluding land): Not Released



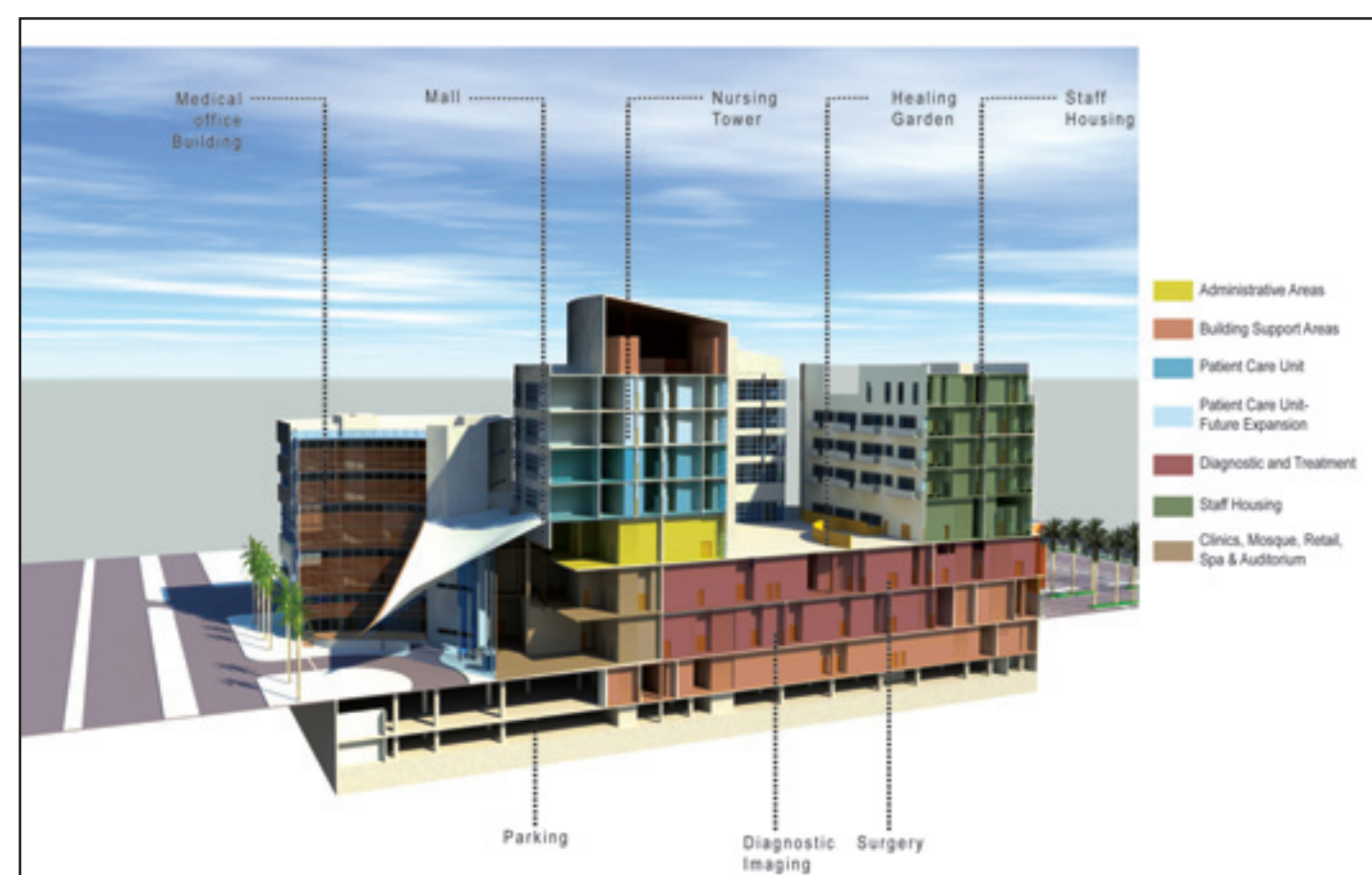
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Located in The Kingdom of Saudi Arabia and slated for completion in mid-2011, Said Ali Ghodran Medical Center, a general acute care hospital, represents the best in intelligent, contemporary architectural design. A visually striking structure, the 55,000-square-meter, 90-bed medical center allows for future expansion and incorporates commercial space that seamlessly blends the campus into its surrounding urban fabric. The project protects and enhances its fragile desert environment by incorporating photovoltaic cells on roofs, most of which are also covered with local desert plants.

Evidence-based design has been used throughout the project to enhance patient comfort, care, and healing. Corridors have been widened to encourage the patient mobility that supports a speedier recovery. Patient falls are minimized with the addition of strategically placed handrails in patient rooms. State-of-the-art technology

allows for patient access to the Internet, video conferencing with loved ones, and ease of discussion with staff regarding test results. Research-based findings drove the addition of comfortable Family Zones, allowing families overnight access and the ability to support staff in facilitating patient recovery. Families and patients also benefit from the Mall's central point of access and quick access to all patient services. Single patient rooms were designed to minimize cross infection and provide for increased privacy.

The bed tower is also designed for maximum staff efficiency and functionality. Larger rooms with sliding doors allow for greater ease of access, and corridor station windows provide nurses with continuous observational ease. Overall, this ultra-modern facility meticulously satisfies the needs of patients, staff, and families, while remaining sensitive to the wider community and environmental ecosystems surrounding it.



SFEIR ARCHITECTURE, INC.