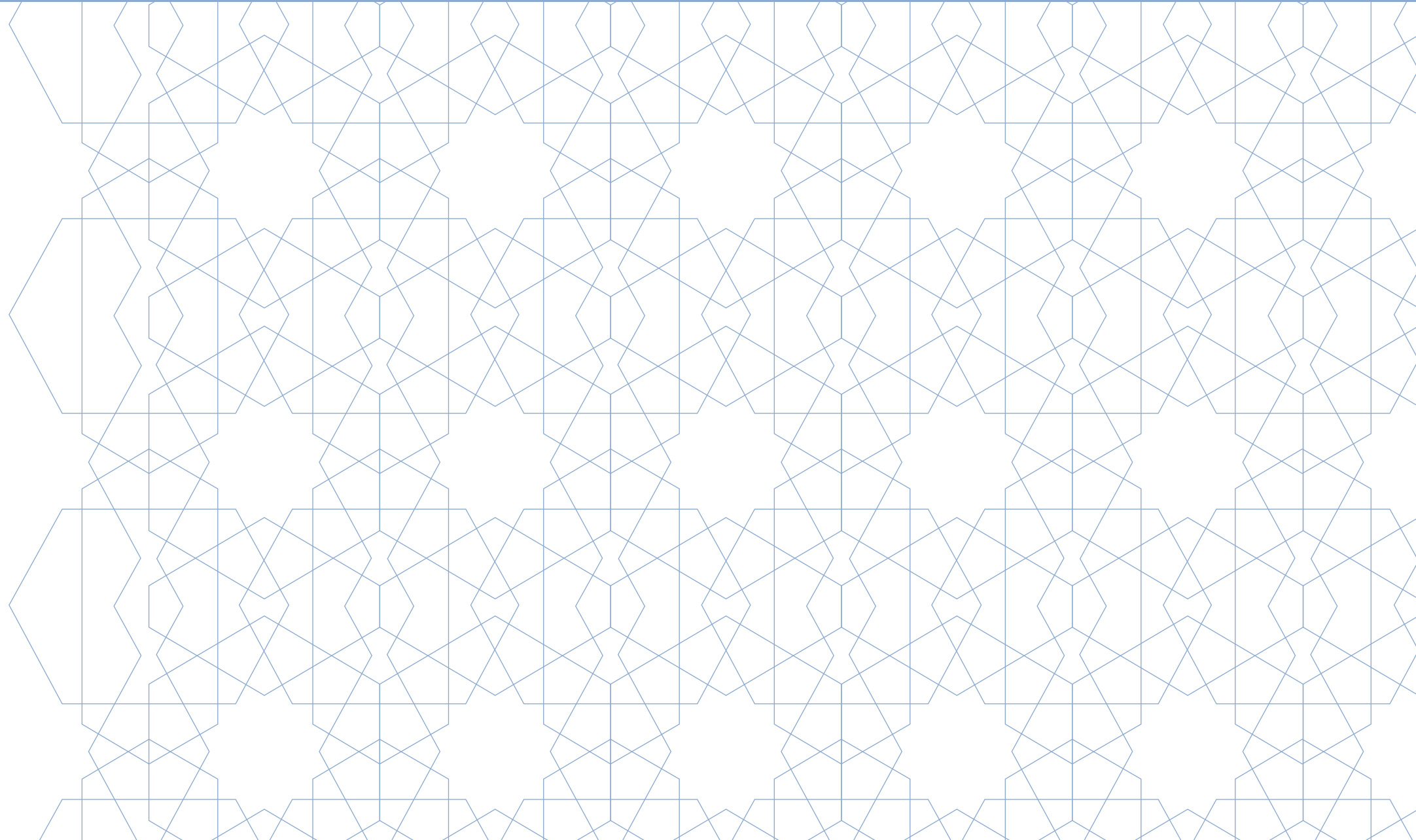


الإستشاري  
سليمان عبدالله الخريجي  
Solaiman A. El Kherei  
Consultant



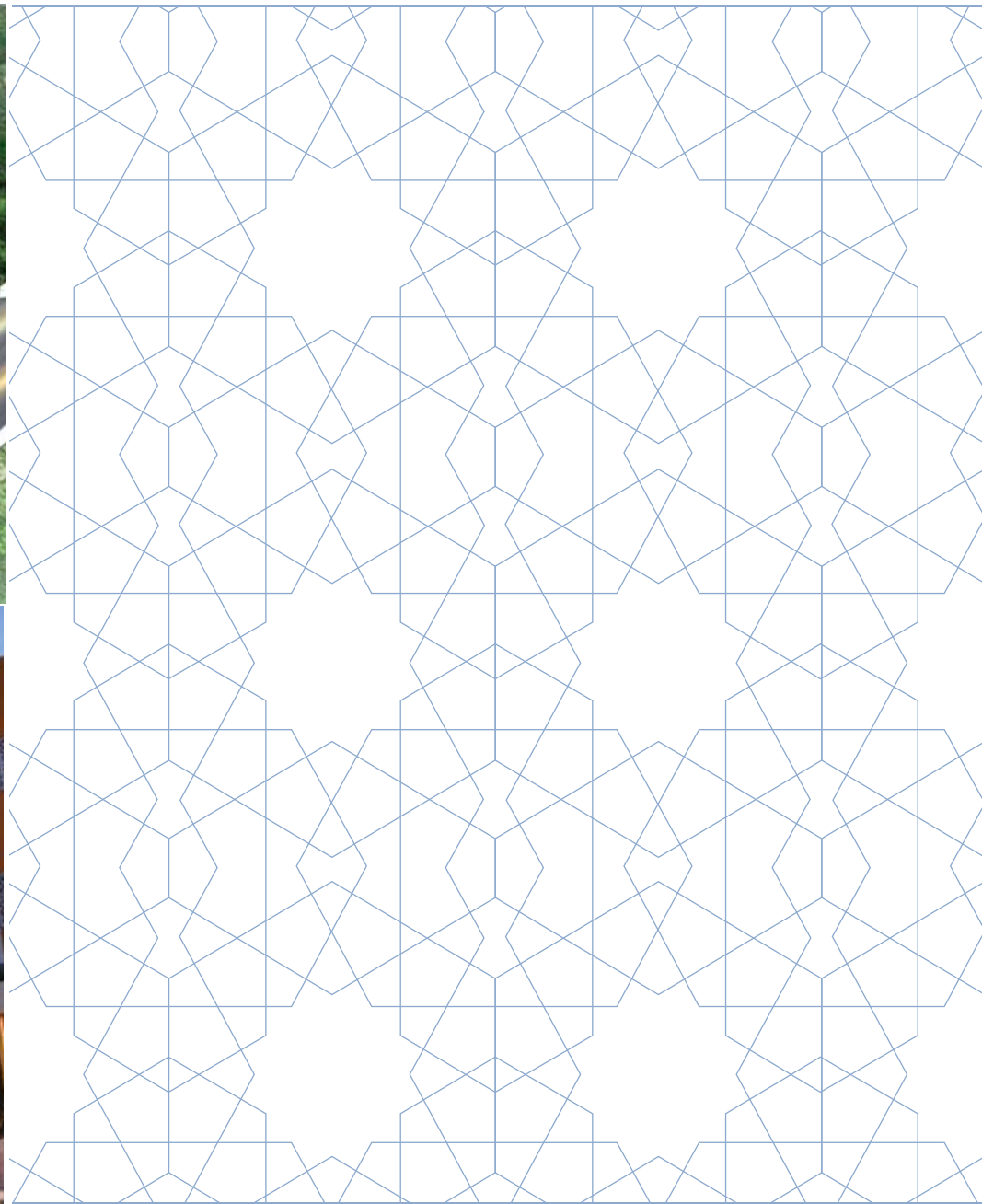
At SAK we always go beyond our client's expectations



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P. O. Box 2388, Jeddah 21451, Kingdom of Saudi Arabia  
Tel.: +966 12 6693294 / 6695961 - Fax: +966 12 6602325  
E-mail: solaiman@sak-consult.com www.sak-consult.com

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♦ Dublin ♦ Waterford ♦ Warsaw ♦ Istanbul ♦ Abu Dhabi ♦ Cairo ♦ Bangalore





EDUCATION

## EDUCATION :

SAK has an established reputation for delivering high quality education building design. The practice creates centers of learning that inspire knowledge sharing, a sense of community and progress. We understand students' lifelong learning needs, as well as the requirements of teachers and academic trends. We design integrated environments to accommodate state-of-the-art Information Communication and Technology, Leisure & Sports Facilities and community amenities, working within various client requirements across the Kingdom of Saudi Arabia.

Education establishments are complex. The buildings have a great number of demands placed upon them and require a high degree of flexibility in order to meet the needs of a wide range of end users. SAK has developed a design specialism to serve this multi faceted sector accumulating in a broad range of experiences in the design and implementation of universities, colleges, schools, visitor centers and other cultural buildings within the educational campus.

## Class Rooms Building and Multipurpose Hall at KFUPM in Dhahran

King Fahd University for Petroleum and Minerals was intending to construct a classrooms building in the University compound, together with a multi-purpose hall and a mosque. The project was intended to include classrooms of different sizes with capacity of more than 500 students, as well as a public lecture hall equipped with all necessary facilities, and offices for departments heads. Environmental factors were specifically considered in this project..





## Class Rooms Building at KFUPM in Dhahran

King Fahd University for Petroleum and Minerals was intending to construct a new classrooms building in the educational part of the University. The intention was to preserve the architectural touch and the unified elements of the buildings, in terms of external shape and visible materials. On this trend, the designer fulfilled the university needs through technical review of the study of the area which was a result of soil and topographical changes. Consequently, the internal distribution of the existing building was modified to match the new distribution.



## Taif Science & Technology University, KSA

This project is in Taif Province, on an area of 250,000 square meters. The facility consists of four specialized colleges:

- Heart college
- Medical administration college
- Nursing college, and
- Medical information college.

The college offers its services to male and female students inside separate buildings and facilities although study levels. The capacity is 3500 male and female students.

Our consulting office was chosen to prepare the preliminary design for the project. Environmental impact, islamic values, and the cultural values of the local community were strictly implemented during the design work.



## Al Andulus Elementary School, Jeddah, KSA



Dar Al Elem organization commissioned SAK to design and supervise Al Andulus elementary school campus. Al Andulus school originally consisted of only middle and secondary school and there was a need for a campus to accommodate an elementary school to fulfil their expansion plan.

SAK applied the Al Andulus architectural style to the school design. This complex comprises of four clusters; the school administration occupies the central cluster, the clusters on either side of it house the classrooms and the multipurpose hall is in the fourth cluster. Each cluster has a patio area to facilitate circulation and exhibit educational displays. The school design includes 33 classes, laboratories, computer rooms, libraries, outdoor recreation and sport facilities, a swimming pool and a mosque.





Al Andulus Secondary School, Jeddah

## Dar Al Zikr Al Hakeem School, Jeddah

The project consist of suites containing all the different grades and a section for learning the Holy Quran by heart and its different sciences, which enable students to have an easy connection with the Quran sciences section, taking into consideration the characteristics of each scholastic grade.

The designer took into consideration the use of Islamic architecture distinctly through the architectural style and different features in the building.



## Dar Al Ruwad School, Jeddah

The Dar Al Ruwad School, in Jeddah, was commissioned to provide an inspirational learning environment that would meet the needs and fulfil the varied ambitions of a new generation, and provide the administrative facilities the school needed to support this endeavour.

The project, which consists of two sites, one for each gender, is situated in Al Shati District to the west of King Fahd Road in Jeddah. The boys' school occupies an area of 9,800 m<sup>2</sup> while the girls' school covers an area of 9,600 m<sup>2</sup>.

SAK provided a complete package of Architectural and Engineering Design Consultancy Services including Tender Documentation.

Both the sites comprises of the school administration which occupies the central area, the classrooms and multipurpose hall. The patio area facilitates circulation and exhibit educational displays. The schools design also includes laboratories, computer rooms, libraries, outdoor recreation and sport facilities.





The designer used the modern geometrical techniques in the school construction, air conditioning, and electricity and in using the materials, which are suitable for the environment in order to have a typical imposing edifice in every sense of the word. Also, the designer used the modern theories and application with high economic qualifications.

The project consists of thirty-five classrooms for boys and thirty classrooms for girls. In addition to that, there are halls for practicing activities and hobbies and a multipurpose hall on an area of 700 square meters. Also, there is a museum chamber and educational gardens, which contain aquariums, cages for birds and other small animals, a small farm and workshops for practicing hobbies. The project has also indoor swimming pools for training, rooms for changing and other attached rooms.

The Group of Makkah modern schools for boys, girls and kindergarten was established on an area of 70,000 square meters to have the capacity for all scholastic grades, (nursery, primary, intermediate and secondary) and other necessary services as well such as laboratories, a library and a multipurpose hall.

## Tahfeez Al Quran School, Madinah

The project is located in Madinah Munawarah on an area of approximately 16,000 M2. This school contains ground floor, first floor, second floor and roof floor which consists of all levels (nursery, primary, intermediate and secondary) as well as all the necessary facilities of the labs, a library, multi-purpose hall, playing area and administration office space.





## Dar Al Elem Green Building School, Jeddah

Dar Al Elem Group commissioned SAK to design a completely sustainable green building for their new school campus in Jeddah. The design brief complimented the client's thinking behind this approach was for the students to develop the awareness of ECO friendly buildings, construction techniques and O&M facilities in the campus.

The school campus covers an area of approximately 25,000 m<sup>2</sup> and is built on four stories. It consists of class room buildings for (nursery, primary, intermediate and secondary), staff rooms, administration department, laboratories, library, Computer department, a multipurpose hall, mosque, outdoor recreation and sports facilities.

SAK's specialist sustainable Architects team who were deeply involved in procuring this challenge to design this facility as per the client's brief. The design proposals consisted of a modern sustainable campus facility which included building made up of ECO friendly materials, energy efficient building management system, grey water recycling and considered waste management during the construction phase. SAK provided a complete package of Architectural and Engineering Design Consultancy Services including Tender Documentation and Evaluation.

