

Professional Work Experience & Resume





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Shouadan Architecture and Urban Development Consulting Engineers Company



Registration number: 345045

10103945304 National ID:

Number 5, Fallahi Alley, Falamak Street, Shahrake Gharb, Tehran, Iran Address:

1467764771 Postal code:

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STATE EMBLEM PRESIDENT'S OFFICE PLANNING AND BUDGET ORGANIZATION

Qualification Certificate FOR RENDERING Consulting services

RLF, NO-1103145 DATE: Variability 2017

Managing Director of Shouadan Architecture and Urban Development Consulting Engineers Com-

Registration No 345045

On the strength of the Cabrinet's approval H284S7T/206S7 dated bily 13, 2004 and considering qualification and accreditation of the above-named company by the Comprehensive Accreditation System of Technical and Executive Organizations, this is to confirm qualification of the above married company for rendering consulting services as of the date of this certificate to the and of evaluation period and maximum till December 25, 2020.

National ID of the Company, 10103945304

To have details of the certificate issued, please visit http://sajacmporg.in

the Tender Did Conducting Law, subject of the Islamic Consultative Assembly's Notification 130800 dated February S. 2005, relevent executive By-Levs and authorized work capacity upon referral of the work, shall be observed by the company.

This document is not intended for rendering consultation services and conclusion of consultation. service contracts. It only proves qualification of the holder for issuance of this certificate.

MR, CHOLAMHOSSEN HAVZEH MOSTAFAVI HEAD OF TECHNICAL AND EXECUTIVE SYSTEM AFFAIRS.

 Any changes in the company's components and shares as well as the information of the gedition. (Vanaging Director, Seard of Directors and creditor employees) shall be registered and forwarded to Sajat System (http://sajat.mperg.ir) within maximum three months.

· Any new contract shall be registered, maximum within three months after conclusion of the contract, and new statements shall, upon verification by the employer, be registered so that their score be calculated for the next qualification determination and release of capacity.

in case of any discrepancy between the contents of this conflicate and the existing information in http://sajar.mporgur, the information in the site shall be the ground for action.



Registration Certificate



Shouadan Architectural Co.

No. 5, Fallahi Alley, North Falamak St., Phase 4, Shahrak Gharb, Tebran, Iran

QUALITY MANAGEMENT SYSTEM ISO 9001:2008

Scope of Activities covered by this Registration:

Study, Design & Supervision of Training, Recreational, Sanitary, Treatment, Residential, Commercial, Administrative, Industrial & Military Buildings, Urban Planning

Reservation No. | CCPL/QMS/D1779 | 1998/D017 | 10/07/2010 | VAUDITY DATE | 109/07/2013





CARE CERTIFICATION PRIVATE LIMIT

11+T1f0 : 0,1mi TENEVITO : 600



كواهينامه صلاحيت خدمات مشاوره

جناب آقاي عليرضا فريدي مديرعامل محترم شركت مهتدسين مشاور معمارى وشهرسازى شوادان

با استفاد به مصريه شماره ۱۳۸۲۳۳۲۵۵۲ مورخ ۱۳۸۲۳۳۳۲ عيات محترم وزيراني و با توجه به احزاز شرايط لازم و تابيد مالاهيت أن شركت در سامات جامع تشخيص صلاحيت عوامل نظام فني اجرابي، به اين وسيله صلاحيت أن شركت براي النجام خدمات مشاوره از تاریخ صدرم این کهاهیشانه تا بایان شوره ارزشهایی و حداکثر تا قاریخ ۱۳۹۹،۱۰۱۱ ۱۳۹۹ اعلام میگردند

> الساسه على شركت: ١٠١٠٣٩٤٥٢٠٢ خواهشمند است برای مشاهده جزئیات گواهینامه سادره به بایگاد http://sajar.mporg.ir مراجعه فرماتيد

رطيت فقون بركزاري سالتمات، موضوع ابلاغيه شداره ١٣٠٨١٠ مروخ ١٣٥٥١١١٢١٢ رئيس معلس شوراي اسلامي، آیین تامه عالی اجرایی میروطه و طوفیت کاری مجاز در زمان ارجاع کار توسط آن شرکت صروری است.

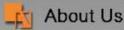


• هرکونه عمر در ارکال و سهام شرکت و اطلاعات امتیاز اوان زامتیرعامل، هیأت مدیره و کارکران انتراز آوره باید حاکار طرف مدت سه باد در مانانه مایات (http://sajot.asporg.ir نیت و ارسال نود • هر قرارداد بنید مناکر طرف منت سه باد پس از انتقاد قرارداد و سورت واسیانهای داره پس از عابد کارفرها باید در سلمانه ساچات تیت نمود تا امیار آنها هلگام تصحیص صلاحیت نوره بده و آزادستری طوفیت سنازر شود

مر صورت مقابرت مطالب این گواهیانه با اطلاعات موجود در بایگاه http://bajarumparg.ir بایگاه احالت طرف يه يتدرجات يشت صفحه الهاهيئامه توجه فرماييد.

In the name of the Unique Architect of Entity

Shouadan Architecture and Urban Development Consulting Engineers Company with more than 10 years of experience consists of 20 architect, engineers and urban development specialists forming a powerful team work together based on their significant professional and academic knowledge in various fields such as preliminary design, schematic design, designing and delivering construction packages, mechanical and electrical engineering, BIM, construction, supervision as well as project management. Fundamental idea of the team for rendering engineering services constitutes specialized implementation data gathered from architectural projects using up-to-date knowledge, modern construction materials and methods and providing owner or client's needs and requirements. The discipline of our company is to promote and raise the quality of the design and deliver outstanding architectural and urban development projects in the world starting from our home country, Iran.



Using more than 10 years of experience in the market and relying on our highly experienced and educated team including employers and highly trained managers and our Italian Partner, Shouadan Consultants is eager to offer the best services including but limited to, architecture and interior design, installations, structural design and construction, civil engineering, urban development and more to meet unique needs of our clients' as well as respecting the environment in the process.

Offered services:

- A) TECHNICAL AND ENGINEERING/SUPERVISING SERVICES:
- 1) Design of and supervision on various stages of architectural projects such as health care, education, commercial, office, industrial, military, sports and entertainment, residential, ... buildings.
- 2) Design of and supervision on various stages of urban development projects, urban design and urban decay rehabilitation, including landscape design, township construction, preparation, presentation of comprehensive plan, detailed plan, ...
- 3) Design of and supervision on various stages of structural and rehabilitation projects.
- 4) Design of and supervision on various stages of mechanical and electrical installations projects.
- 5) Design of and supervision on various stages of civil projects.

B) PROJECT MANAGEMENT/EVALUATION ENGINEERING SERVICES:

- 1) Rendering project management services (fourth element) of various developmental plans.
- 2) Rendering as-built documents preparation services.
- 3) Rendering project planning and control consultation services.
- 4) Rendering system design consultation services.
- 5) Rendering evaluation engineering services in developmental plans.
- 6) Rendering auction management services and making relevant documentations.
- 7) Rendering services regarding control of the confirmed statements and study of contract documentations as the fourth factor in developmental plans.

C) CONSTRUCTION SERVICES

Contract management (Design and Planning)

VARIOUS SPECIALIZED GROUPS OF THE COMPANY AND THEIR FIELDS OF ACTIVITY

A) ARCHITECTURE TEAM

FIELD OF ACTIVITY

- Doing basic studies for preparation and execution of architectural plans.
- Making preliminary plans, stages one, two and three (supervision), of all projects pertaining to education, sports, tourism, cultural and arts, religious, health care, residential and office buildings; urban services of the buildings and military installations; post and telecommunications buildings, industrial buildings and factories.

- Making studies and restoration plans.
- Making interior design and architecture plans.
- Landscaping and gardening based on plants typology and in accordance with the plan and locality on a specialist basis.

 Subdivisions of this team include:
- 1) Study Division
- 2) Design Division

B) URBAN DEVELOPMENT TEAM

FIELD OF ACTIVITY

- Making basic designs for urban planning and design
- Doing urban and regional planning.
- Making preparatory plans.
- Making urban master plan, detailed plan and development guide plan.
- Making restoration, renovation and ground texture improvement plans.
- Making urban space organization plans.
- Urban space, elements and texture design.

Subdivisions of this team include:

- 1) Study and urban planning Division
- 2) Urban design Division

C) CIVIL ENGINNERING, STRUCTURAL ENGINEERING AND FACILITIES ENGINEERING TEAM

FIELD OF ACTIVITY

- Buildings structural calculations.
- Studying and planning of facilities, building equipment and urban spaces.
- Supervision on developmental and construction activities.
- Quantity surveying and cost estimating of projects; preparing tender bid documents and controlling contractor statements as well as contract deeds and documents

PROFESSIONAL EXPERIENCES AND SPECIALTIES

- Structural Analysis and design (building, dam, silo, industrial steel structure, etc.)
- Special and Industrial structures (refineries, petrochemical structures and treatment plants) analysis and design
- Geotechnical buildings (retaining wall, gable roof stability, superficial and deep foundations, evaluation of earthquake jeopardies, industrial machinery and equipment foundation) Analysis and design
- Seismic strengthening and seismic improvement projects
- Civil (road, drainage and superficial water removal) project
- Seismicity and seismic zoning projects
- Determination of site seismic specification by modern methods (field measurement of micro tremors)

D) PROJECT CONTROL TEAM

FIELD OF ACTIVITY

- Study of all technical texts, drawings and detailed plans.
- Preparing, control of and supervision on defining projects breakdown structure, plan activities and design of WBS and OBS charts.
- General and partial planning and time scheduling in various phases; implementation of the same and analysis of detailed and complete network of the plan by means of CPM/PDM method.
- Control, follow-up and supervision on physical and time progress of group activities; Reporting to the employer on manpower, equipment and machinery planning of the project.
- Using auxiliary software systems along with project control software systems in order to make expert and management reports; providing the required management and system documentation in project management.
- Preparing, controlling and supervision on provision and allocation of financial and non-financial resources.
- Controlling and supervision on contractors' performance and progress as well as making computer reports on a weekly, monthly, quarterly and annual basis, while taking into consideration the following items:

PROJECT SPECIFICATIONS AND OBJETIVES:

- Major project activities at various time intervals and its comparing project physical progress with contract procedure.
- Comparing project performed activities and its physical progress with time schedule and anticipation of the remaining works not completed as well as study and anticipation of any future problems.
- Using information about extension of construction duration, resulting from inevitable delays.
- Participation in expertise meetings in order for presentation of the required explanations in connection with the reports made based on invitation by the consultant and/or project employer.



ARCHITECTURAL DESIGN OF PHASES ONE, TWO AND THREE MADE BY THE COMPANY:

Design and supervision on health care centers including special clinics, emergency centers, burn centers, specialized cancer centers and dialysis centers; design and supervision on staff-administrative buildings, crisis team building, Red Crescent administrative and multi-purpose buildings; design and supervision on residential units and villa buildings; road, store, satellite bases, inns and guest halls, commercial buildings, entertainment and sports centers, multi-story car parks, museums and banks improvement; design and supervision on sports complexes including football stadium, multipurpose sports club and pool; design of all greeneries in proportion to the above usages; design and supervision on academic buildings such as school of medicine, school of dentistry, school of pharmacy; school of paramedics, educational classes, self-service and student dormitory.

INDUSTRIAL STRUCTURES DESIGN:

Factory development; industrial halls; production line structures; reservoirs base; up to 200,000 m2 concrete operations; 20,000 tons of reinforcement; 10,000 tons of steel work; design of petrochemical structures.

UNDERGROUND STRUCTURES DESIGN:

Design of one and two-structure phase of subway stations; management and directing the project and construction.

SPORTS STRUCTURES DESIGN:

Services regarding phases two and three of sports stadiums.

CIVIL SERVICES:

A) Preparation Plan:

Preparation plan of residential complexes, parks, lands, Islamic Revolution Documents Center, garrison, National Petrochemical Company, Relief and Rescue Organization, Helipad and helicopters relief and rescue runways.

B) Road Engineering and Intersection Design:

Designing at-grade intersection, grade separation and Boulevards.

C) Civil Site Design:

Design of Sites and access roads to railroad stations, steel industrial structures site, terminals site, tourist complexes, residential complexes; site design; urban design and design of relief and rescue centers.

STRUCTURAL DESIGN:

Design of and supervision on all buildings referred to in earthquake-resistant structures of administrative-relief buildings of Red Cross and earthquake-resistant structures.

Presenting educational buildings reinforcement plan to increase floors of the existing structure; designing reinforced structures against earthquake in hospitals and special health care centers.



MEMBERS OF THE BOARD OF DIRECTORS

Mr. Alireza Faridi

Position: Managing Director – Board Chairman

Academic Qualification: Master's Degree in Architectural Engineering from Iran University of Science and Technology.

Service Record: More than 17 years as designer, project manager and workshop director at Consulting Engineers Companies and Contracting Companies.

Ms. Mahnaz Mahmoudi Zarandi

Position: Board Vice-Chairwoman

Academic Qualification: Doctorate Degree in Architectural Engineering from Islamic Azad University, Science and Research

Branch.

Service Record: More than 15 years as designer and project manager at Consulting Engineers Companies and Faculty Member at Islamic Azad University, North Tehran Branch.

Ms. Mehrnaz Saheb Jamee

Position: Deputy Managing Director

Academic Qualification: Master's Degree in Architectural Engineering from Sapienza University of Rome.

Service Record: More than 14 years as designer and project manager at Consulting Engineers Companies and Instructor at Payam

Nour University.

Ms. Nasim Nazari

Position: Board Member

Academic Qualification: Master's Degree in Architectural Engineering from Iran University of Science and Technology.

Service Record: More than 10 years as designer and project manager at Consulting Engineers Companies and Instructor at Payam

Nour University.



INTRODUCTION OF COMPANY MEMBERS

of service record

ARCHITECTURAL DIVISION

Mehrnaz Mahmoodi Zarandi	Graduate of Doctorate degree in Architectural Engineering from Islamic Azad University, Science and Research Branch with 18 years of service record
Sanaz Litkouhi	Graduate of Doctorate degree in Architectural Engineering from University of Science and Technology with 16 years of service record
Maryam Charkhehian	Graduate of Doctorate degree in Architectural Engineering from University of Science and Technology with 16 years of service record
Ardeshir Mokhberi	Graduate of Master degree in Shahid Beheshti University with 20 years of service record
Mehmaz Sahebjamee	Graduate of Master's Degree in Architectural Engineering from Sapienza University of Rome with 16 years of service record
Leila Mohammadi Asl	Graduate of Master degree in Architectural Engineering from University of Science and Technology with 16 years of service record
Mhadokht Shaddel	Graduate of Master degree in Architectural Engineering from Islamic Azad University, Tabriz Branch with 16 years of service record
Leila Najmi Poornazhvani	Graduate of Master degree in Architectural Engineering from University of Science and Technology with 16 years of service record
Nasim Nazari	Graduate of Master degree in Architectural Engineering from University of Science and Technology with 12 years of service record
Arezoo Moradi	Graduate of Master degree in Architectural Engineering from Islamic Azad University, Tehran Branch with 11 years of service record
Mahdieh Moradzadch	Graduate of Master degree in Architectural Engineering from Ghazvin International University with 10 years

Sepideh HajiKhodaverdikhan	Graduate of Master degree in Architectural Engineering from University of Science and Technology with 8 years of service record
Bahare Shirzad	Graduate of Bachelor's Degree in Architectural Engineering from Pars University of Architecture and Art with 15 years of service record
Mahdieh Ahmadian	Graduate of Bachelor's degree in Architectural Engineering from Islamic Azad University. Hashtrood Branch with 13 years of service record
Setareh Payandeh	Graduate of Bachelor's degree in Architectural Engineering from Islamic Azad University. Firoozkooh Branch with 11 years of service record
Hannaneh Khorami	Graduate of Bachelor's degree in Architectural Engineering from Islamic Azad University. Pardis Branch with 9 years of service record
Lida Nazmdeh	Graduate of Bachelor's degree in Architectural Engineering from Alaoddoleh Semnani Institute of Higher Education with 8 years of service record
Şareh Mirabdollahi	Graduate of Bachelor's degree in Architectural Engineering from Mazandaran University with 2 years of service record
STRUCTURAL DIVISION	431,
Mohamadjavad Jabarzadeh	Graduate of Doctorate degree in Civil Engineering – Structural Engineering from Tehran University with 19 years of service record
Alireza Namayandeh Niasar	Graduate of Doctorate degree in Civil Engineering – Earthquake Engineering from Shahrood University with 16 years of service record
Pezhman Namiraeian	Graduate of Doctorate degree in Civil Engineering – Earthquake Engineering from University of Science and Technology with 12 years of service record
Hamidreza Mohamadzadeh	Graduate of Master degree in Civil Engineering from Tehran University with 13 years of service record

Kaveh Faridi	Graduate of Master degree in Civil Engineering – Structural Engineering from Islamic Azad University, Najafabad Branch with 14 years of service record
Farid Elyas Paposhti	Graduate of Master degree in Civil Engineering from Islamic Azad University. Gorgan Branch with 1 Tyears of service record
Ehsan Sarhadiniya	Graduate of Master degree in Civil Engineering from K. N. Toosi University of Technology with 4 years of service record
Seyed Abbas Motevaliyan	Graduate of Master degree in Civil Engineering from Amir Kabir University of Technology with 31 years of service record
Behboud Boustani Mavi	Graduate of Bachelor's degree in Civil Engineering from Islamic Azad University, Tehran Branch with 13 years of service record
CIVIL ENGINEERING DIVISION	Vicin
Mehrdad Niazi	Graduate of Bachelor's degree in Civil Engineering from Islamic Azad University, Najafabad Branch with 19 years of service record
Omid Jamshidi	Graduate of Bachelor's degree in Structural Engineering from Islamic Azad University, Karaj Branch with 11 years of service record
INSTALLATIONS DIVISION	Ua
Ahmad Fakharian	Graduate of Doctorate degree in Electrical Engineering – Control Systems, from Tarbiat Madarres University with 15 years of service record
Seyed Moretza Arezegar	Graduate of Doctorate degree in Electrical Engineering - Power, from Shahid Beheshti University with 8 years of service record
Omid Zakeri	Graduate of Bachelor's degree in Mechanical Engineering – Fluids and Mechanics from Tabriz University with 20 years of service record

Amir Gharegozlou

Graduate of Bachelor's degree in Mechanical Engineering from Islamic Azad University, Tehran Branch with 18 years of service record

GREENARY DESIGN DIVISION

Sachli Litkouhi

Graduate of Master's degree in Architectural Engineering – Landscape Architecture from Islamic Azad University, Tehran Branch with 8 years of service record

PROJECT CONTROL DIVISION

Elmira Chireh

Graduate of Master's degree in Civil Engineering from Ghiasedin Jamshid Kashani University with 5 years of service record

ADMINISTRATIVE DIVISION

Vahid Shemirani

Graduate of Bachelor's degree in Computer Engineering from Islamic Azad University, Tehran Branch with 12 years of service record

Solmaz Vazifedan

Graduate of Associate's degree in Administrative and Government Affairs Directing from Islamic Azad University, Ardeestan Branch with 14 years of service record

INTRODUCING COMPLETED PROJECTS BASEN ON THEIR DESIGNATED USAGE :

- Health Care Usage
- Education Usage
- Administrative Usage
- Cultural Usage
- Commercial Usage
- Competitions

-K Golestan Province Red -Crescent Staff Administrative Building

Site: Gorgan Area: 1400 Square Meters Employer: Red Crescent Society of Golestan Province



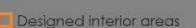


Golestan Province staff, administrative and health care building is designed in 14 floors with its first to five floors being designated for health care purposes. Each floor is specified for specific specialty and specific alinics. Among the anticipated specialties in this complex, rehabilitation, speech therapy, audiometry, optometry, various dermatology and esthetics as well as limited surgery room, cardiology clinic and gastroenterology clinic together with relevant areas, shall be referred to.Upper floors have been designated for management, deputy management, support and service areas. A restaurant has also been made in the last floor that is accessible by a separate elevator. What has made an important role in the general structure of the building and primary drawings (etudes) includes parameters like the site, access roads, view and the existing elements inside or around the site.













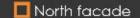


Constructed interior areas

Since open areas effect properly the operation, satisfaction and improved working interaction and create more peacefulness and attraction in health care areas, the entrance parts are constructed in the form of open areas, using voids in proper dimensions.

The pharmacy in the

The pharmacy in the ground floor has also been designed with modern formats and construction technology in the region and due to erection of such area in the ground floor adjacent to the main entrance and with a separate access, it has been strived to create a fine attractive place for the clientele. Natural wood color materials used also helps inducing a sense of warmth and friendliness in the area. while the ceiling format that makes a combination of two pillars in a consistent shape has also increased to the attraction of the place.



Special Clinic Building

Construction Site: Kashan Area: 7,700 Square Meters Employer: Kashan University of Medical Sciences and Health Care Services

This specialized clinic, which is a briefly called Special Clinic, is an independent government center, working on its specialist and subspecialist manpower on a full-time basis. They provide health care and outpatient diagnosis services to the patients. The activities of the special clinic includes certain part of executive instructions of hospitals modern managing system plan, made with the objective of benefitting from health, care and medical education facilities of Medical Universities to make welfare and provide non-clinical patients with treatment services in order to promote the quality of education and research and increase their effective existence.

Kashan Special Clinic that works under the supervision of Kashan University of Medical Sciences and Health Care Services encompasses the following specialty and subspecialty wards: General Medicine, Gynecology and Obstetrics, Surgery Ward, Dermatology, Ophthalmology, ENT. Neurology, Pulmonology, Nutrition, Gastroenterology, Cardiology as well as Medical Laboratory, Radiography, Colonoscopy, Ultrasound, Bone Density Test and Pharmacy, This complex encompasses four stories, including two for parking area, service and support areas, while two others, covering an approximate area of 3200 squares meters, designated for treatment services.

The original plan of this building provided by the Ministry of Health and Medical Education, indicated four stories over the ground floor; however, its locality in historical texture of the city, made us to extend the area in every floor and form a building in two stories with the same area. Accordingly, an amended plan in conformity with the environment and walls similar to the adjacent walls and buildings has been made.

Kashan Special Clinic is one of the topmost projects erected among Ministry of Health and Medical Education's special clinics in the year 2017.



Constructed Façade in the South Wing



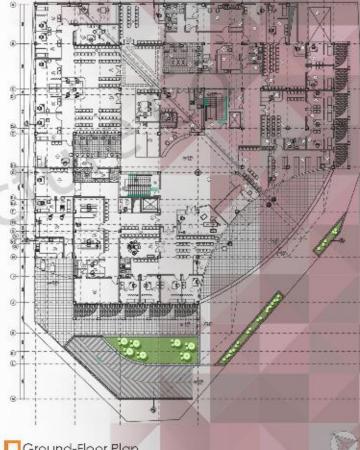
Designed Façade in the South Wing



Constructed Façade in the Southeast Wing



Designed Façade in the Southeast Wing



Ground-Floor Plan



VIEW TO ENTRANCE – SOUTHWEST

Eastern Façade

■ Western Façade





Decorative Designs over the Windows on the Decoralive Works over the Windows on the Façade

The significance of interaction between the modern and historical textures of the region required a façade in service and coordination with the historical system. It has been attempted in design of the façade, to safeguard the identity of the neighboring buildings with a history of more than 150 years and the form of the adjacent walls. Accordingly, punched metal sheets (CNC) with a proper design were put on the top of windows to preserve the form and, in the south, southeast and southwest wings, similar form porticos are made to provide both shades for adjusting the heat of direct sunlight in the desert areas and a proper area for walking around the building.





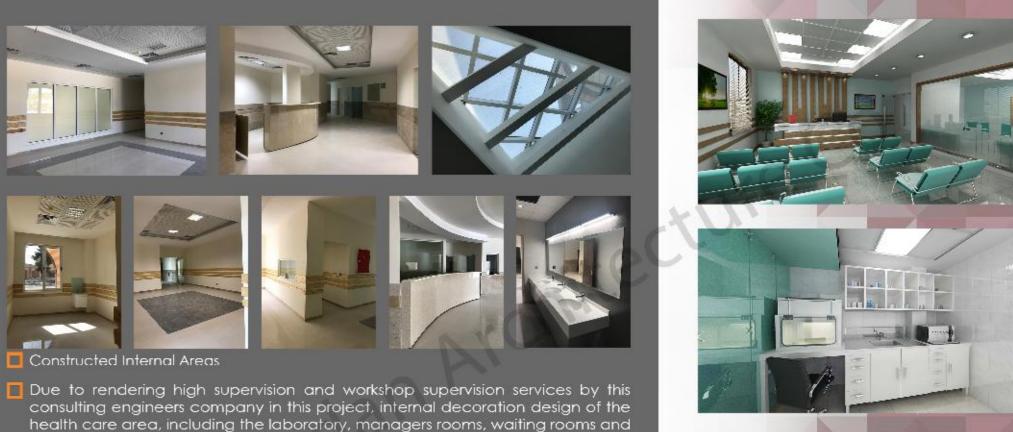
Constructed Façade in the North Wing

Designed -3D Façade in the North Wing



Constructed Internal Areas

the pharmacy has also been done.





Designed Internal Areas



Abadan Burn Hospital

Construction Site: Abadan Area: 10,000 Square Meters Employer: Abadan Universit of Medical Sciences and Health Care Services This hospital, with 44 beds in five stories, has been designed and erected adjacent to Abadan Taleghani Hospital. It includes clinic, physicians' visiting rooms, medical imaging room, emergency ward, laboratory, BICU intensive care unit, infection-related hospitalization center, graft department, non-infection-related hospitalization center, surgery and central sterilization wards as well as service and support areas such as administrative department, laundry, kitchen and hospital morgue. Total project volume comprises two volumes of rectangular cubes connected by a linking bridge from the first floor to the upper floors.

The area under the bridge in the ground floor creates expanded volume at the clinic entrances and hospital sub-entrance and, considering the regional climate and sunshine in most of the seasons, increases relative contentment of those referring to this hospital by making a shadow. In order to adjust sunlight for these two volumes, a surface have been made on the façade by curve lines and round edges and a masonry with dry construction material system. It delicates the form, while the dominant white color and blue green spectrum provides contentment.





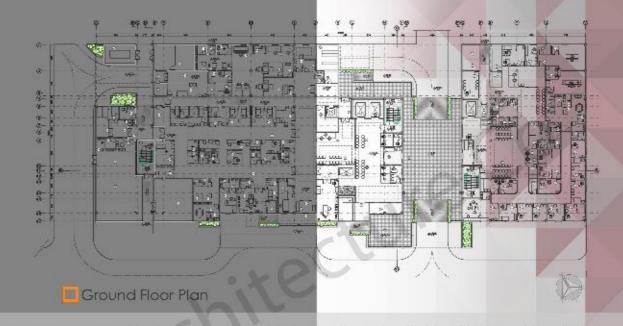
🔲 Designed 3-D Façade



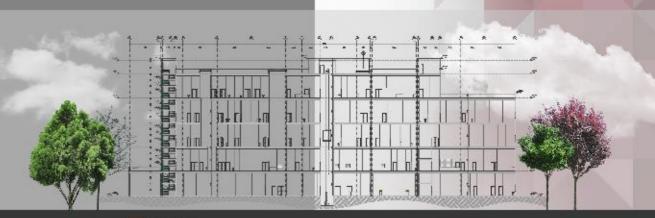
Designed 3-D Façade



View from the South Wing Bird Façade

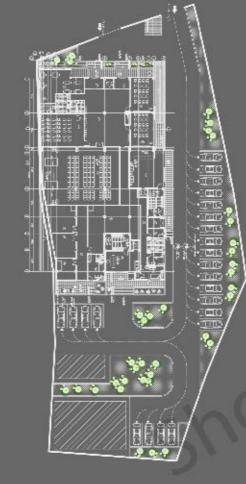


In many areas requiring indirect lighting while having the natural light, a filter is used to adjust the natural light, which is indirectly leaded to the area. For example, the lighting in infectious diseases ward and BICU rooms that does not require direct lighting shall be provided through a filter in the comidor, a dynamic and pleasant area defined for visiting and direct contact of the patients and their accompanies. Creating empty spaces in some parts of these volumes, like the one in the last floor, has gave us the potential for certain plant coverage layout proper to that of the region to adjust the weather conditions and to make an attractive view. Using solid curtain walls also prevents distribution of opening windows on the façade. These windows, being placed in hollows on the façade, as well as other shading elements with the required reflex degree for sunlight, avoid direct lighting. In general, using the chosen from and color in the façade, has been aimed at lowering the unpleasant feeling of pain and illness and creating a delicate highly-attractive area.



Noshahr Administrative-Rescue and Rehabilitation Center Building

Construction Site: Noshahr Area: 3,500 Square Meters Employer:Mazandaran Province Red Crescent Society This building, encompassing four stories with commercial, health-care, administrative and residential designated usages, has been made in response to the request of Mazandaran Province Red Crescent Society. The ground floor has separate full access to Hyper Market, storage and the relevant service areas, while the first to third floors are respectively designated for health-care, administrative and residential purposes. Considering various designated usages, the building shall, while having a consolidated volume and form, provide various entrances indicating the relevant service in different wings of the façade. Accordingly, the choice of a ceramic façade in combination with curtain wall and iron grills as well as horizontal openings on a random basis in the rigid parts of the façade introducing opening windows, has created a modern play with regard to the general form balance.



Ground Floor Plan



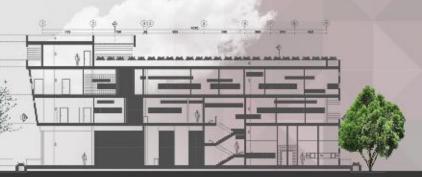
- ☐ 3D view on the southwest front
- ☐ The dry porcelain ceramic façade chosen in this project, is definitely among the most current conventional facades of the world made by dry construction system. Among other privileges of choosing ceramic in this project in comparison with natural stones are absorption of less water, no surface abrasion, preservation of long-term beauty, fireproofing, and color stability against sunlight. Building importance coefficient, with regard to their designated usages as health care and administrative divisions, being directed by the Red Crescent Society, is 1/4 (class 1 in building classification), Accordingly, at the time of crisis, including earthquake and other disasters, this building, due to receiving minimum damage, shall be used as the crisis center, with due observance of passive defense principles and regulations.



3D View on the South Front



3D view on the eastern front



DESIGNED 3D FAÇADE IN THE SOUTHWEST WING

Section

Kashan Day Clinic Building

Construction Site: Kashan
Area: 1,400 Square Meters
Employer: Kashan University
of Medical Sciences and Health
Care Services

This building, encompasses Imaging center, central sterilization center, hospitalization clinic, surgery ward and relevant support and service centers in four stories. Considering a small area designated, in comparison with other day clinics, a void space has been made in the plan in order to create a vertical visual connection between the complex servers and the patients in waiting rooms at various stories and in the open stairway without walls in the heart of the building.





While helping to create a fancy appearance and an attractive view without evoking any bitter feeling to the patients and those referred to this center, the

horizontal curve form that has been designed as sunshade of each floor as

well, adjusts the input light intensity, with regard to the sunlight angle, which is

more vertical, in particular in hot seasons of the year in this warm and dry area

of Kashan. In coordination with the adjacent buildings and the region textile,

the materials used, were chosen brick and travertine stone, which together with sunshade elements, creates an attractive and, at the same time, proper

■ The main entrance of the southern side

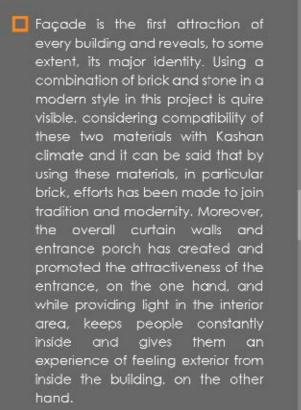
North facade



Forghani Education Complex

Construction Site: Kashan Area: 3,600 Square Meters Employer: Kashan University of Medical Sciences and Health Care Services This complex, a developmental project of Kashan University of Medical Sciences, has been designed and erected to be a proper place for education and training of specialists. Considering the hot and dry climate condition in Kashan, due to its locality at desert border, the open areas surrounding the building play an important role in climate adjustment and building heat exchange. Therefore, the design of the building, as being erected in a hollow in the garcen with walkway area around, has been regarded and evaluated as one of the basic elements for resistance and it plays an important role compatibility with environment like native architecture of the region. On the other hand, the sunshade of the building over the walkway, has created peacefulness in the area for the passengers and the road users, which by itself, is got from the old logical solution for keeping safety and privacy in traditional architecture of the region.







Designed 3D view in the South-West wing



Designed 3D view in the South-West wing



Western facade

A combination of fireclay bricks and travertine stone in the façade together with proper forms of education area has created and given a proper identity to the building regarding its designated usage. This type of combination of fireclay brick, girih tiles and stone materials in façade has been used for a long time in the hot and dry climate of Kashan due to its numerous privileges.



constructed facade in the south front



3D view designed on the South Front



■ VIEW TO ENTRANCE – SOUTHWEST

South view



Constructed facade in the northwest wing



Designed 3D view in the northwest wing

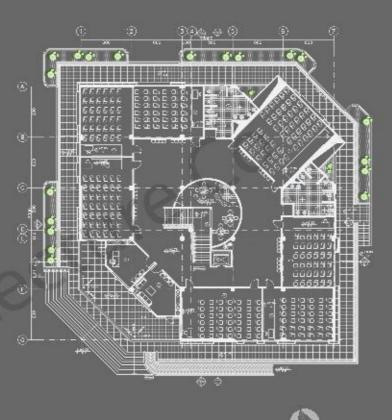


Constructed facade in the northeast wina



Designed 3D view in the northeast wing

Forghani Education Complex encompasses four stories including education and research laboratories, classrooms, administrative area, buffet and other service areas.



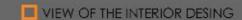
FIRST FLOOR PLAN



Designed 3D view of the entrance stairway



Constructed 3D view of the entrance stairway

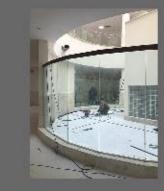




View of the thirdfloor void



Classrooms lobby in The second floor



Bufet in the first floor



Labortory interior



View of the void in the first floor



Stairway box next to the void

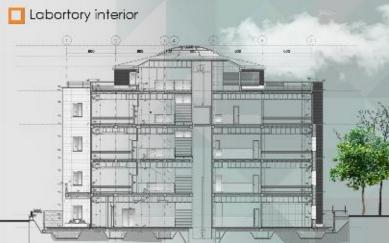
imbue a sense of serenity and intimacy in this education and research area.



Classrooms



The hollow open area and the shutter in the ceiling of the middle part of the first, second and third floors of the complex is meant to promote attraction of the most outside lighting in the loft and while creating the proper area next to the stairway, preserves the visual continuity in the lobby of the educational area in various floors. Accordingly, lighting replaces darkness and gloomy condition of the connecting lobby in all floors, while also helps in ventilation and air exchange among the floors like windcatchers in traditional architecture. Considering the high and resident supervision services that are included in the services of this consulting engineers company for implementation of the project, it has been strived to make an illuminated and warm area to



Section

Aran va Bidgol Medical Campus

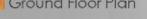
Construction Site: Aran va Bidgol; Kashan Area: 1,400 Square Meters Employer: Kashan University Medical Sciences and Health Care Services

Aran va Biagol Medical Campus, affiliated with Kashan University of Medical Sciences and Health Care Services, has been designed in five stories. The campus encompasses research and education laboratories, classes, administrative, service and education support departments, amphitheater, library, exam hall and restaurant. Since clay, adobe and fire brick are very common materials form long ago at regions in the margin of desert and in hot and dry weather condition, the façade is mostly made of firebrick and white Travertine. Evidently, in a part of the building covered allover with glass, where the entrance stair box is made, the second shell of the façade is built of stretch metal sheets that help adjusting the sunlight and, together with other materials, creates an attractive modern form in the façade. By making this structure, it has been strived to produce an attractive conceptual design in the framework of educational centers to subtilize and promote the quality of such centers.

To preserve visual communication and provide the daylight in the corridor and lobbies in between the floors, two vertical voids have been used in first, second and third floors in order to help create an open and extend area and better ventilation.



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ROLL INSURANT INSURANT MARK

Western facade







Abadan Educational Complex

Construction Site: Abadan Area: 4,500 Square Meters Employer: Abadan University of Medical Sciences and Health Care Services Abadan Educational complex is located at the site of Khuzestan Province University of Medical Sciences. It comprises four stories including academic, administrative and service areas, while in response to the request of the employer, certain courses have been conducted in the complex with capacities of 120, 80 and 60 students. Accordingly, to prevent any bothersome pillars in high capacity classes, in particular those with 120 students, structural and architectural design resembles a small amphitheater connected to other parts.

Although it was strived by the design group to utilize modern construction materials and inspire from modern architecture, but due to the locality and very hot climate condition of the area, principles and concepts of traditional and ancient designs such as central yard has been considered in design of from and volume. Construction of the central yard in the heart of the building has assisted in subtilizing the area through making shades by the surrounding buildings, while the flower and tree plantings and the fountain made, has also created a safe and calm place for peacefulness of the students and others benefitting from the complex.



■3D view on the Northwest front



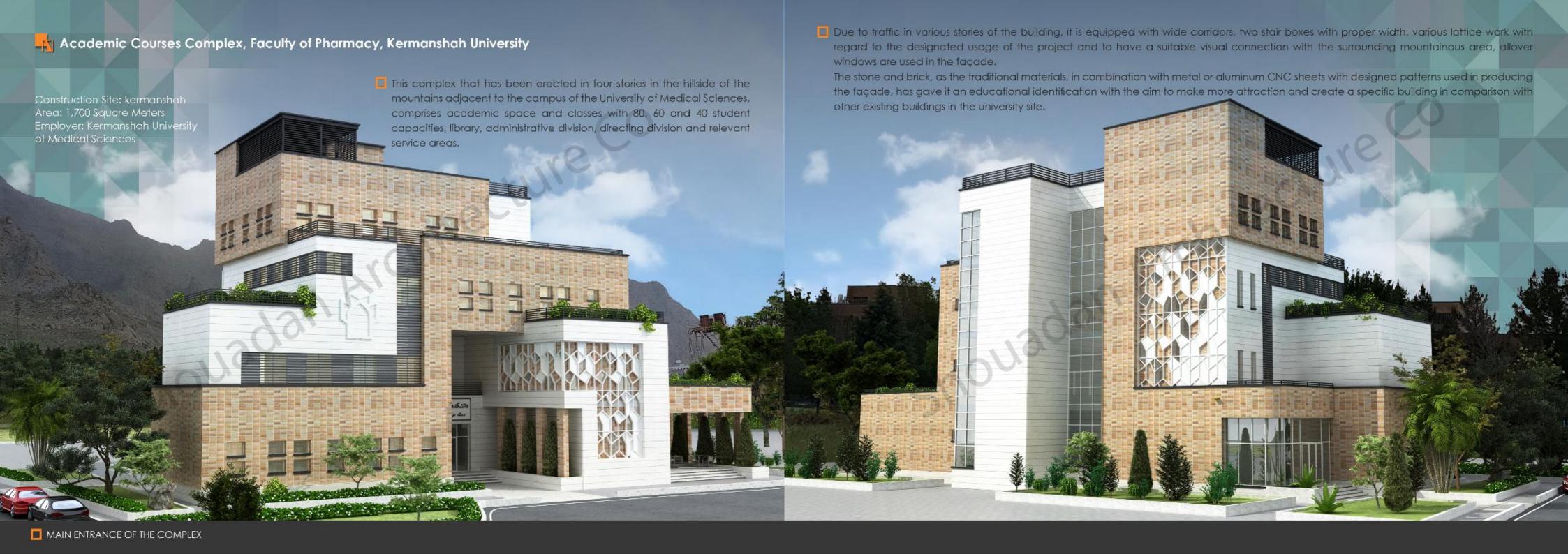
3D view on the NorthEast front



3D view on the SouthWest front



□ Furthermore, due to fewer heat exchange from the surrounding walls, making a shell on the façade has given more attraction to the volume and at the same time, by making porch and shadow for the pedestrians and the clientele in certain parts, it has created a semi-closed area protected from direct sunlight around the building.



Red Crescent Society Specialized Education Center

Site: Fereydunkenar

Area: 6000 Square Meters

Employer: Red Crescent

Society of Mazandaran

Province

Red Crescent Society specialized education center in Fereydounkenar, Mazandaran Province encompasses divisions with cultural, educational and residential designated usages in five stories, including conference center with a capacity of 250, dining room and kitchen, library and study space, residential rooms, parking area as well as service and support areas. The volume of the complex, considering its placement on the land and maximum natural daylighting is made of two simple cuboids combined vertically. The bigger cuboid, overlooking south lighting, encompasses residential, gathering and administrative areas, while the smaller cube with minimum natural lighting required by its designated usage, is allocated to conference center and a hall with 250 people capacity.

At the same time, by making a simple combination of these two cuboids and orientation based on the defined spaces, a safe place has also been created out of the complex confined within these two parts of the building to serve as a place for gathering of the users and also for rest and relaxation.





3D View on the South Front



3D View on the Southeast From



Elongation of the cuboid form in the complex made the design group to adjust the elongation in both buildings, using rectangular elements placed vertically on the volume in proportion to the general concept. Meanwhile, common spaces such as vertical access space (stairway), lobby of the conference center and the complex entrance have also been defined in the common part of the two cuboids that is their connecting point. The material in the façade is white and gray ceramic as well as black HPL sheets that along with consisted glass and the opening designed in the common part of the cuboids, has created an attractive contrasting combination.

■ Visibility to the south-east entrance

3D View on the Southeast Front









Basement plan

In order for sustainability and because of the climate in the area, the façade of the building is mainly made of brick in combination with porcelain ceramic by dry construction. The structure has been designed to help minimizing heat exchange from the surrounding wall, which by itself will be effective in energy consumption and building sustainability. Meanwhile, in certain parts, although aluminum frames have been used in the curtain walls, it has been strived to control and adjust natural light into the complex and to preserve inside-outside visual connection.



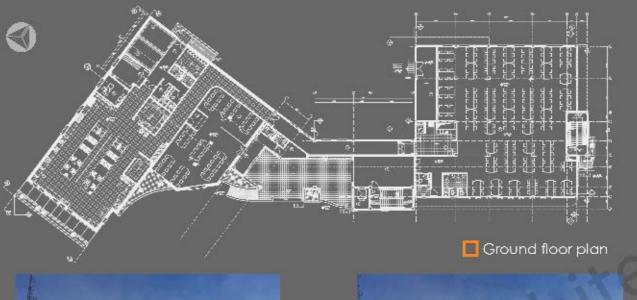


LONGITUDINAL PROFILE

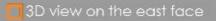
Self-Service Bullding of Abadan Deputy Directorate for Students Affairs

Construction Site: Abadan Area: 2,600 Square Meters Employer: Abadan University of Medical Sciences and Health Care Services Self-service building of the Deputy Directorate for Students' Affairs has been designed in two stories encompassing central kitchen, dining halls of professors and students, buffet as well as marginal service areas. Among the crucial factors in volume and building orientation, in addition to radiation angle and the defined access ways in the site, the existing structure shall be referred to, in which the central part has been allocated to the kitchen and the other major parts, including dining halls, buffet and service areas are added to the building. The façade is generally consistent and has been made with a proper concept to the region.











3D view on the north face

- Heat and light are among the important climate factors in Abadan hot and humid region. Due to the average temperature of the ceiling (an average of 45°c), a shell has been used, which by itself acts like a sunshade. This shell has been chosen from self-forming action material in the façade and by movement of the sun throughout the day, shades over the windows and prevents direct light entrance into the building and greenhouse effect. The shell's vertical installation on the windows also create visual connection from the interior. Another technique for controlling direct lighting on the windows has been creation of sunshade and utilization of various thin apertures, at the end of which glass has been placed.
- The materials chosen for the façade of self-service complex consists of stones installed by dry construction techniques together with brick and aluminum shell. Dry construction technique is one of the façade construction methods made on the wall by the relevant substructures. The distance between the wall and the stone materials that is filled with moisture and thermal insulation, shall help in minimizing heat exchange through surrounding walls.



South facade





Red Crescent Staff-Administrative Building

Construction Site: Urmia, Shiraz,

Khorramabad

Area: 17000 Square Meters

11000 Square Meters

13000 Square Meters

Employer: Western Azerbaijan

Province, Fars Province, Lorestan

Province Red Crescent Society

mainly responsible for managing aid and rescue in natural disasters. Regarding occurrence of lots of accidents in today's urban societies and high possibility of such occurrences in our country, making certain predictions and construction of Red Crescent Society buildings for staff, administrative and treatment purposes shall be required.

Red Crescent is considered as one of the most important urban services Department,

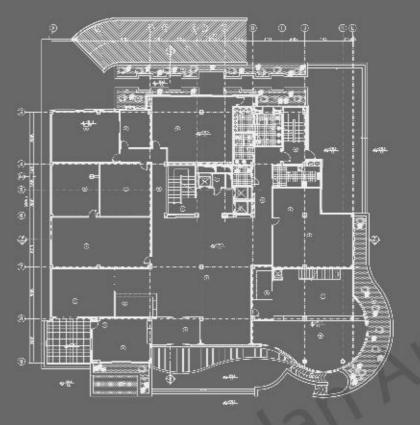
The staff-administrative building of West Azerbaijan Province Red Crescent Society is one of the several buildings designed by our consulting engineers company. Ih building format that have been made with a uniform concept in certain provinces of the country with various number of staries and in conformity with the regional conditions, was created based on general Iranian geometry pattern and combination of square and circle (as in the logo of the Red Crescent Society) in the plan, while in the 3D volume, a combination of cube and cylinder confirms the prevailing geometry of the design. The volume in the first floor and mezzanine has also been formed as a colored cubic base so that this part of the building that connects the main volume to the land, serves as a base for emphasis on building stability. Meanwhile, the volume curvature in different parts induces a sense of dynamism and living.

Staff-administrative type buildings of Red Crescent Society in West Azerbaijan, Lorestan and Fars Provinces in 13 floors with the main administrative and support designated usages, encompass facilities like amphitheater, various aid and rescue divisions. deputy directorates and administrative divisions as well as areas designed for the relevant services.



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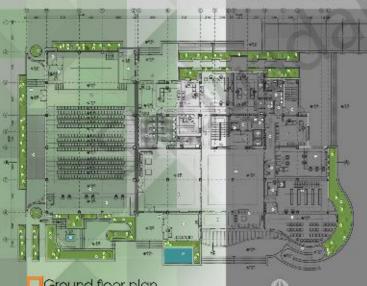


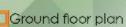


Ground floor plan

As it was explained earlier, the main concept presented for the design of staff, administrative and health care buildings in great provinces is preserved, while certain parts of façade and project plan has been changed with regard to the year of construction, using material of the day, adaptation with regional climate conditions and the required number of floors.

The staff, administrative building of Fars Province Red Crescent Society in 13 floors, has been made with the same format, type of plan and the designed façade concept. The Red Crescent logo with its defined red color, has shown its effect on the building general concept by using red color in certain parts of the facade. Most of the color used in the facade is white, which in combination with black and red, helps inspiring sense of peace and friendship and the expanded level of curtain wall windows adds to its clarity and attraction that in contrast with rigidity of white ceramic tiles demonstrates a combined autloak.









Construction Site:
Birjand
Area: 8000 Square
Meters
Employer: Khorasan
South Province Red
Crescent Society





Red Crescent staff, rescue and health care building in Khorasan South Province was designed in nine stories. Designated usages of this complex include pharmacy together with its marginal areas and clinics for the visit of physicians and dentists as well as administrative departments such as Directorate, Deputy Directorates and Relief, Rescue and Crisis Department. The idea of project area organization has been generated in a way to have more effective connection between the service providers and service receivers.

The hierarchy of service in the complex is defined as the ground floor and mezzanine to be used by the patients (general), while the first to fifth floors are designated for administrative area with the priority and regard to the number of addressees from the most to the least. Vertical motion system of the building is centralized due to the project structure and its mid-rise size; accordingly, for better and easier operation, the service rendering space is designed in the middle and the service receiving part in the surrounding areas.















By the interior decoration designed in the entire complex, in particular in health care division such as pharmacy and physicians/dentists clinic. it has been strived to create a warm and at the same time modern and minimal space with regard to the functioning of these centers. In these spaces, geometrical forms proper to those used in the general format of the plan and façade have been utilized in a more simple form that finally makes a more friendly area. Most of the colors are light or neutral and white is mostly used in the complex.

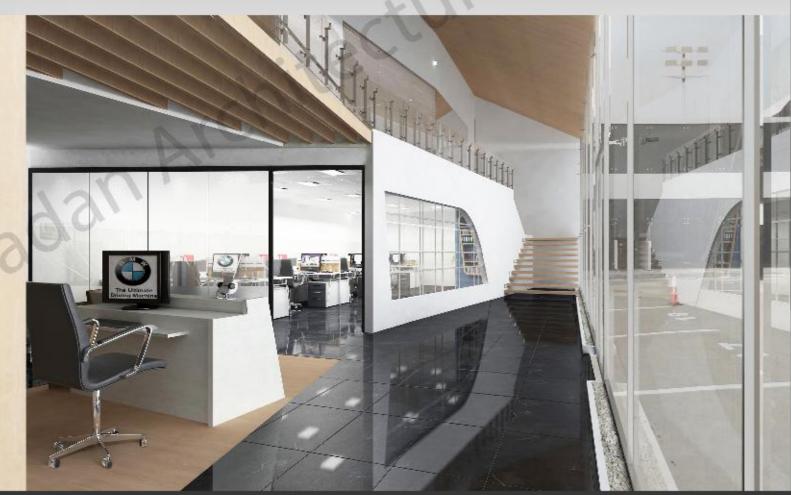
Considering the supreme supervision on the complex by this consulting engineers company, it has been tried to construct the health care space using the best and tidiest material and the details of designs are %95 close to the construction operation.

Interior spaces designed

section

Persia Khodro (BMW) Building Interior Design

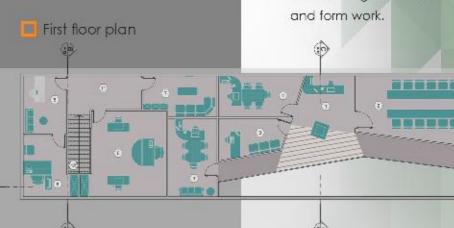
Site: Kilometer 14 on Tehran Special Road Area: 650 Square Meters Employer: Persian Khodro Company The administrative building of Persian Khodro Company in BMW large showroom and sales department, is one of the major buildings of the company, designed in two floors with an administrative area including management division, sales department, technicians' settlement division, conference hall and the relevant service area. Considering the relation of this company to the global BMW brand, all the interior design shall be made based on the codified regulations and in the defined framework of the material and coordinated form in all countries. This decoration was therefore made with due regard to regulations indicated in the manual of BMW Agencies' interior design provided to all countries.











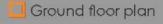


Due to existence of natural light in the eastern wing of the plan, by using void area and overall corridor in front of the patio, this natural light has entered to all area, while transparent flooring of the first floor has made it possible to have a visual access from the lobby and waiting room to the sales saloon. Furthermore, the design based on the said regulations has been made in a minimal format using less decorations and more volume and form work.

Crisis Headquarters Building (EOC)

Construction Site: Semnan Area: 450 Square Meters Employer: Semnan Province Red Crescent Society Semnan Crisis Headquaters building (EOC stands for Emergency Operations Center) is one of the buildings in which emergency operations shall be made and controlled under the supervision of Red Crescent Society. This two-stary building, encompassing conference hall, administrative area, relief and rescue team room, communications and telecommunications room, residence suites and other service and support areas, has been designed for studying emergency residences and conducting crisis management council meetings at the time of huge crisis. Due to desert and semi-arid climate of the area and the big difference between day and night temperatures, brick and brown travertine are used to design the façade. Brick is definitely one of the resistant and proper materials that makes optimized utilization of natural energies possible.





In order to adjust sunlight intensity, with regard to the light angle, volumes and indentations have been made in the windows shadows to create shadow and decrease the intensity of light in warm seasons.

Opal-II Mall

Construction Site: Tehran Area: 94000 Square Meters Employer: Mr. Amani

Opal II Mall, in 24 stories, has been designed and erected in Sa'adat abad, Tehran, one of the most affluent residential, commercial regions that attracts population and young adults.

This mall has been one of the largest commercial projects of the region and what mattered in design of the complex, has been to create more facilities as well as easy access that helps in more and more welfare for the people.

OPALII cultural sport commercial



LOBBY AREA - Proposed Design Plan 1



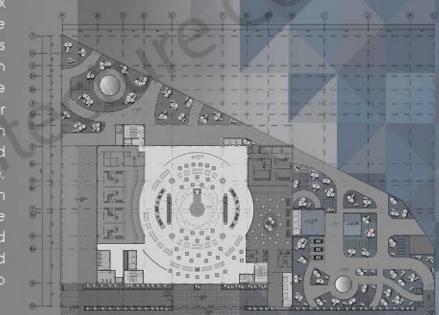
LOBBY AREA - Proposed Design Plan 1



LOBBY AREA - Proposed Design Plan 2

Building No 2 of the complex has been designed with modern architecture in 11 stories under the ground and 13 stories over the ground floor.

The interior design of the complex has also been made with due consideration of the new materials in the world and the void created in the center of the ground floor to the fifth floor (commercial area), other than producing a visual connection between the floors, has established a different area at the same place, regarding change of the void form in every floor. Other floors have been allocated for cinema and theatre halls, sports clubs, pool and food court with separate access to each part.



💶 4th floor plan – Proposed Design Plan



LOBBY AREA – Proposed Design Plan 2

Niavaran Mall

Construction Site: Tehran Area: 12000 Square Meters Employer: Private Sector Due to the required concept of viewing and being viewed, Niavaran mall has been designed in one of the best parts of the city in 9 stories with a modern glass façade. In addition to providing visual communication of the inside and outside of the building, the designed double-skin glass façade also helps in insulation of peripheral layers against noise, air and environmental pollution. A combination of glass and concrete in the form of structure in this building, while aiming at illustrating the contrast of transparency beside rigidity, has made a great attraction.



The exterior glass in the façade of this -9storey building causes passage of light into the interior spaces and the layout of green plants in some parts is an indication of green architecture. One of the methods for recreation of greeneries following their demolition and development of substructure areas in urban areas, is to form them in the building stories. We have strived, in Niavaran project, to illustrate landscape urbanism in building heights.





VIEW IN TO THE NORTH WING



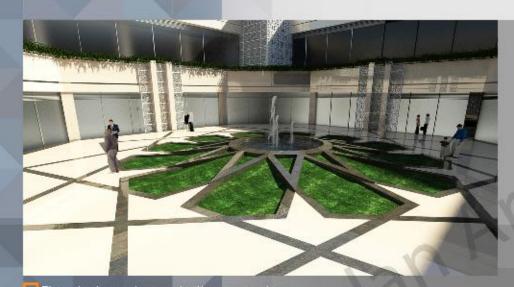
View to the south-east entrance

Imam Khomeini Square Mall and Multistory Car Park in Qom

Construction Site: Qom Area: 130.000 Square Meters

Employer: Hazrat Masoumeh Renovation

and Improvement Organization



The designed area in the complex



☐ View to the Corridor of Commercial



■View to the Lobby of Commercial



Interior (Commercial) area



View to the Lobby of Commercial

The design of Imam Khomeini Square Mall and Parking has been made by the existing new material in the market and with due consideration of providing personal and Collective items.

This complex encompasses various areas such as restaurant and food court, commercial areas, connecting corridors and parking area. The design style, with regard to the request of the employer, is inspired from traditional Iranian architecture in an amalgamation



with modern materials.

Lobby Interior – Designed



Interior – toilets



Interior area



Lobby Interior – Designed

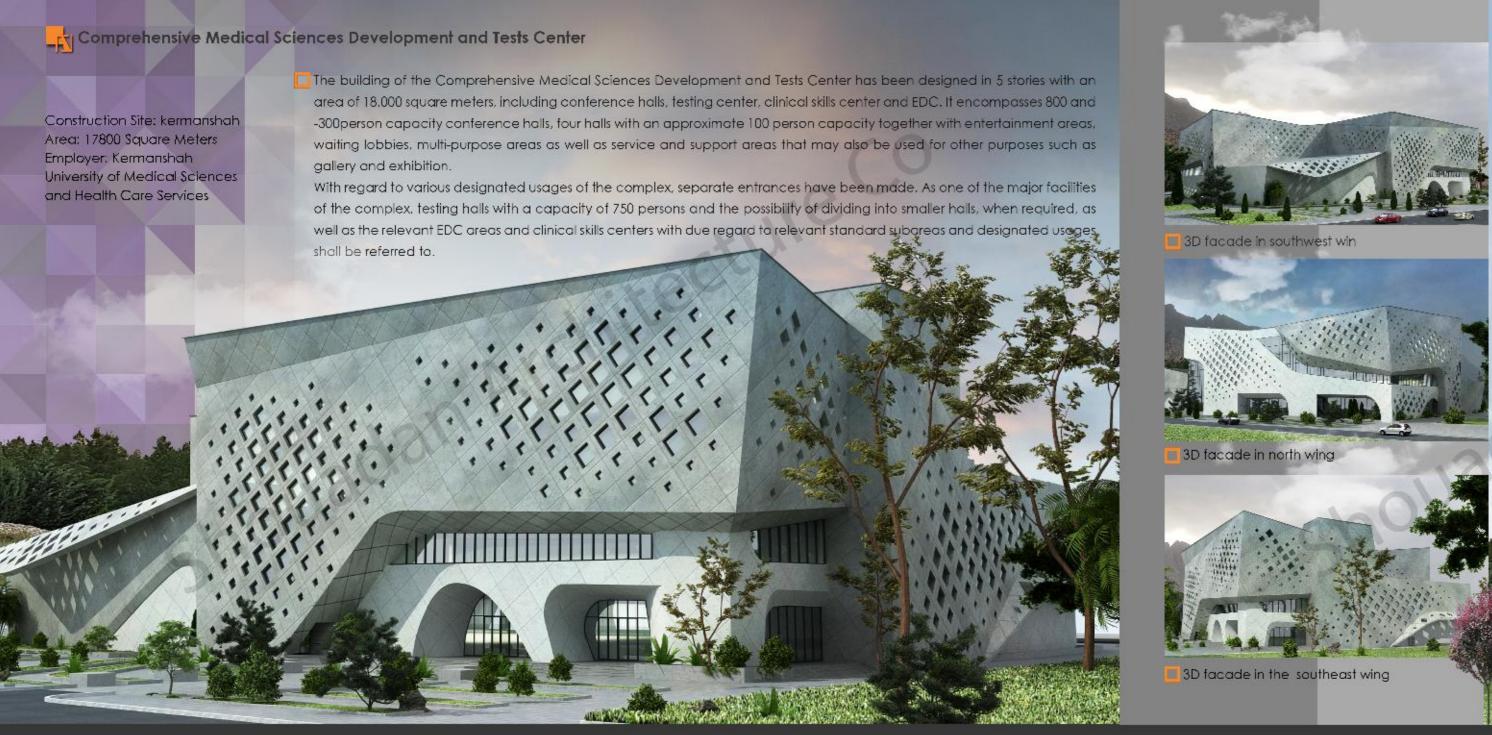


Interior area

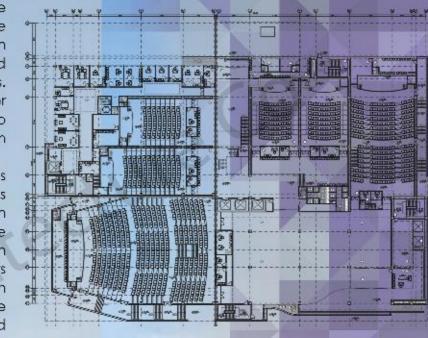


Parking Interior area





In order to minimize heat exchange between the complex and the mountainous area, the facade includes a designed shell and an external shell made of exposed concrete and GRC sheets. Meanwhile, the materials chosen for the façade has given a harmony to the view of the complex as well as an attraction due to the functioning. Uneven levels in the volume has participated in creating shadow as well as a safe and attractive area in the entrance. The openings in the shell have been arranged based on the shutters and internal windows and considering various areas with various designated usages in the complex, they have also contributed in making a harmonized façade even in windows and shutters.

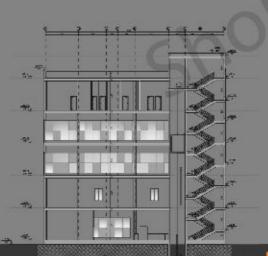






Construction Site: kermanshah Area: 5000 Square Meters Employer: Kermanshah University of Medical Sciences and Health Care Services The building of Pardis Library of Kermanshah University of Medical Sciences and Health Care Services has been designed in 4 stories. The ground floor to the third floor have been designated for library, while the fourth floor comprises administrative area including the bureaus of directors, deputy directors as well as support and service areas. Since open construction system for administrative areas has an effective role in productivity, satisfaction and improvement of work communications and it gives more calmness and attraction, lobby areas are constructed by open system, while making certain voids with proper dimensions and specific forms.

What has played an important role in the general building structure and primary plans includes parameters such as creative design of the site, access ways, panorama and the building form. As the façade of every building is its first attractive aspect and it reveals somehow the building's main identification, it has been strived in this project, to create an identification proper to the building designated usage by a combination of wood and stone in appropriate forms for academic spaces.

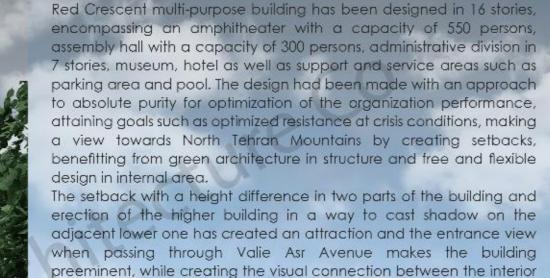






Red Crescent Multi-Purpose Building

Construction Site: tehran Area: 28.000 Square Meters Employer: Red Crescent Socie of the Islamic Republic of Ira

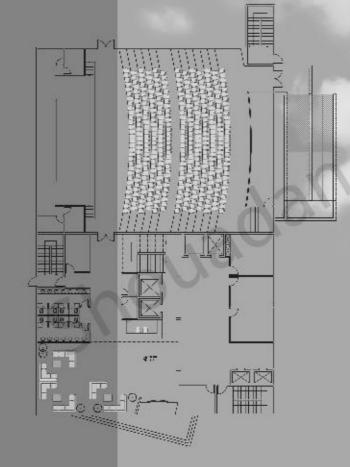


10th FLOOR PLAN HOTEL



The façade has been designed and made with porcelain using dry construction method, but with a graphics-architectural approach to produce and augment visual attraction, while also respecting the surrounding area texture, avoiding any extra expenses to the employer and inspiring periodic architectural sense in order for elevated combination of various functions in one volume.

Meanwhile, creating a void inside the building in certain floors with a similar designated usage, has increased the fluidity of the interior

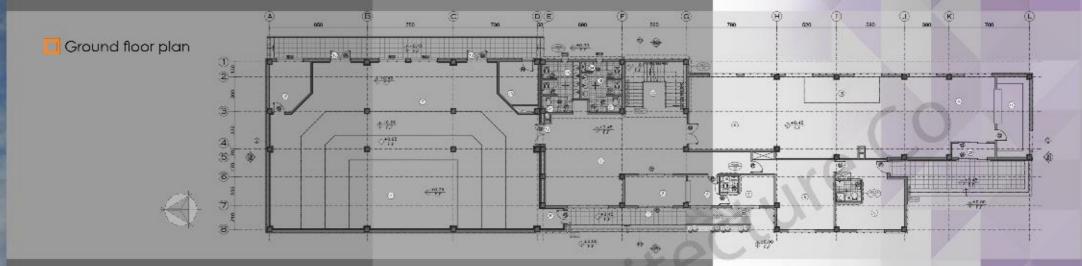




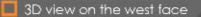


Farahabad Conference Hall

Construction Site: Farahabad Area: 1.500 Square Meters Employer: Mazandaran Provience Red Crescent Society Farahabad Conference Hall, designated for service-residential usage, has been made in a modern style, encompassing a 140-capacity conference hall and a dining hall together with service and support areas in the ground floor and residential suits in the first floor. The main objective by design of a black granite stone and white HPL sheets in the façade has been to manifest a contrast due to the designated usage of the building and to make it distinguished comparing to the surrounding buildings. The slanted lines designed in the façade with both materials, helps in volume consistency while also reminding of a unique manifestation and the lighting in the corrugations multiplies the attraction. On the other hand, the curtain walls in the entire public lobbies and gathering halls also creates an effective relation between the exterior and the interior in an applicable and proper manner.









3D view on the east face

Major specification in design of this complex façade is using a modern and at the same time symmetrical geometry, modern materials (HPL sheets and curtain wall) and simple combined geometrical elements. Such designing aims at attraction of pedestrians and passersby and motivating them to think and guess about the interior design. Extension and expansion of plan and building volume has also been effective in making such idea.



Kelardasht 200-Person Cultural and Artistic Complex

Construction Site: Kelardash Area: 750 Square Meters Employer: Mazandaran Provience Red Crescent Society

جثع نوڪي و من ڪارشن

Kelardasht cultural and artistic complex encompasses conference hall, restaurant and relevant service and support areas. The building, which has been erected next to Kelardasht Red Crescent Administrative Building, is designated for conducting conferences, gatherings, celebrations and special ceremonies. The façade design indicates aluminum CNC sheets and Iranian arabesque samples in certain parts as well as overall windows in all entrance and exit corridors that help making a visual contact with the exterior. Furthermore. The corridors beside conference hall assist in minimizing heat exchange with the exterior, like a filter, and in preventing the disruptive light transfer to the interior. In the meantime, the windows has not been disregarded in order not to give a sense of covered and absolute rigidity to the volume.

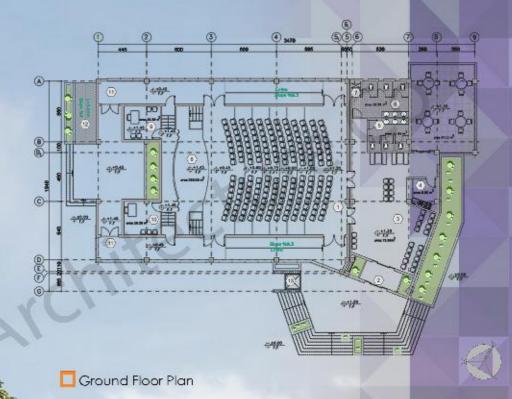




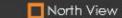
East View







South West View



Kashan Four-Star Hotel

Construction Site: Kashan Area: 8500 Square Meters Employer: Mr. Arbabi Kashan Hotel is one of the hotels designed by our consulting engineers company in hot and dry climate in the desert margins. The volume and façade of this building were inspired from and designed based on traditional architecture forms and proportions, but with a modern approach. Using colored glass in all floors is because of the sash colored glass and traditional windows style of the region that reduces the luminous intensity and gives the chance to experience a different space within the spaces.

In order to create humidity in that dry-climate region, some levels have been planted and a water basin and fountain that serve as a central yard in traditional Iranian architecture, have been made in the south wing, while there are greeneries and sunken courtyard (porch in the ground floor with a proper depth) around the building.

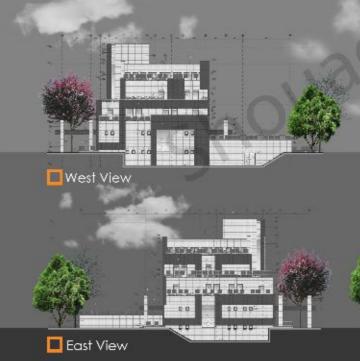


First Floor Plan

☐ The entrance lobby also includes a void with an allfloors height and a patio on the top that helps making a vast open area in hotel entrance, transferring sunlight throughout the day and expanding the space.

The hotel encompasses 40 separate rooms and suites, restaurant, dining room, stores, commercial section, lobby as well as administrative and service sections, which assist in better serving.







Bandar Gaz Cultural, Sports and Residential Complex

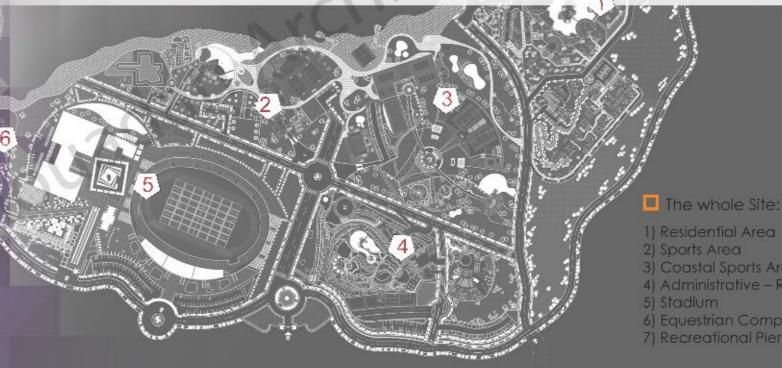
Construction Site: Bandar Gaz Area: 61 Hectares Employer: Golestan Province Ministry of Sports

This complex is located in a 45-meter distance of Gorgan city in Golestan province. Considering the remarkable historical record of the region and erection of buildings like Customs Department, electrothermal power factory as well as railroad station building, the design group tried to create a complex appropriate to the region in a 61-hecar area beside the sea.

Various parts of the complex include:







- The whole Site:
- 2) Sports Area
- 3) Coastal Sports Area
- 4) Administrative Relief Area
- 5) Stadium
- 6) Equestrian Complex
- 7) Recreational Pier



- As indicated earlier, this complex includes various parts with various designated usages. Below please find details of Coastal Sports Area and the relevant spaces designed based on modern standards:
 - 1) Pool, Sauna and Jacuzzi
 - 2) Ouldoor Pool
 - 3) Coastal Football Field
 - 4) Football and Basketball Saloons and the surrounding areas (Bodybuilding Aerobics and Yoga)
 - 5) Tennis Court
 - 6) Squash Court
 - 7) Outdoor Amphitheater
 - 8) Recreational Sports Area
 - 9) Conference Hall
 - 10)Service Area





Aftab Building Façade Design Competition

Construction Site: Tehrar

Employer: Tejarat Aftab Architects Commercial Company

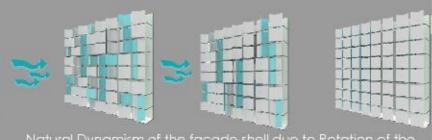
Idea to Design Path

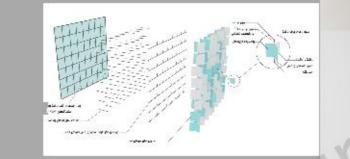
Considering the building's locality of construction in one of the city's strategic parts, the design team has strived to create a resistant and attractive facade, with regard to the executive and calculation issues on architectural forms, by means of modern technological innovations that tends to systemic design and responds to the environmental conditions.

Orientation of the designed façade in the south wing and direct sunlight in this side, on the one hand, and the requirement for making conceptual relationship with the back space (internal administrative area), on the other hand, made us to design a dynamic shell on the main windows of the interior area that helps, together with the details to be given hereunder, creating a dynamic form. The most important part of the facade shell is the modular trihedral from, placed based on the analysis of sunlight. Therefore, the input light intensity in this part of the building shall be decreased or increased by changing the module density. In other words, for parts in need of less light, there is a more condensed shell, while for more light, the shell shall be more extensive. Meanwhile, other than controlling input sunlight intensity, the mechanism of a dynamic façade, is rotation of shell modules by wind. power. Better to say, by the blow of wind every time, the trihedral that have different colors in every level, rotate around the defined axis and provide the pedestrians and passersby with a different experience that may not be the same throughout the year because of their numbers and diversity of their colors.

KRION sheets are other material used and fixed in the façade and the designed torsion, despite their fixed installation, creates a different view from every angle in the south wing of the façade for the viewer. Other than the designed shell, the main material of the façade includes glass and exposed concrete that, regarding the administrative usage of the building, creates a special and at the same time formal combination with the shell.















-KJ

Administrative Building, Propylaeum and connecting Bridge of Pad Jam Polymer Development Company

Construction Site: Boushehr
Province; South Pars Speci Region
Area: 800 Square Meters
Employer: Pad Jam Polymer
Development Company

DESIGN CONCEPT:

Strategic location of the Pad Jam Polymer Development Company next to the main road made us to make a design aiming at identifying and organizing main entrance, while turning the propylaeum into an industrial manifestation amalgamated with Iranian art and culture. Considering similarity of materials used in other buildings' facades in the site, brick was chosen as a material with ancient history in combination with exposed concrete, demonstrating alongside, industry and civilization magnificently. Accordingly, the main concept of the propylaeum and administrative building next to it presents a design made of age, history and manifestation of the effect of lapse of time and current industrialization on that ancient civilization.



MAIN IDEA OF THE FORM:

Famous and ancient Iranian arches and their specific shapes brought us to form the beating heart of the propylacum by proportioning the arches created in the south of our country. This form and technology also contributes in more altraction by presenting brick in layer construction and change of height in layers to reach the highest point by means of modern arrangement.

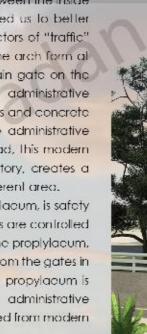
CHOOSING MATERIALS:

Brick is a dominant structural material in the south of our country. Meanwhile, due to advancement of technology, optimizing the required expense and availability of various types of materials with proper specifications, it has been decided to use other materials along with brick with the approach to show industrialized nature of the complex.

Exposed concrete with high thermal resistance was, therefore, chosen as complementary material and together, these two met the requirement for creating a proper form and concept design.

The site restriction, or better to say the distance between the inside and outside area over the propylaeum, has inspired us to better understand this industrial border as well as two factors of "traffic" and "stop for pedestrians and vehicles". Hence, the arch form at the end of two bases, one shaping pedestrian main gate on the right and the other being the continuance of administrative building, has made a consistent form by using bricks and concrete at the same time in a proper standard with the administrative building. By a bridge separated from the main road, this modern structure that is a reminder of tranian ancient history, creates a defined route that gives us the experience of a different area.

One of the important factors in design of the propylacum, is safety and control of pedestrian and vehicles. The vehicles are controlled passing through a separate gate in the middle of the prophylacum, while entrance of the pedestrians shall be possible from the gates in both sides along with the sidewalks. The entrance prophylacum is consistent with and attached to the adjacent administrative building's façade and demonstrates a formal inspired from modern industry.





Roya Residential Tower Design Competition

Construction Site: Kish Island Area: 11000 Square Meters Employer: Eskan Kish Company

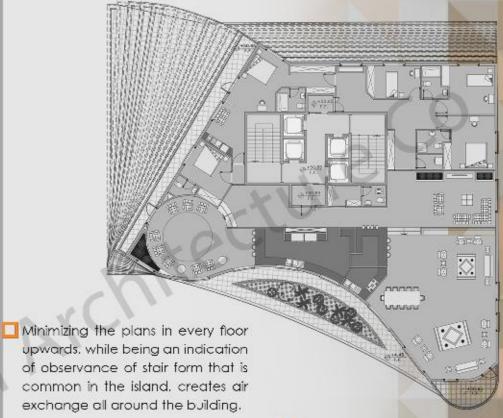
Roya Tower in Kish Island is one of the projects designed by our company in 21 stories designated for residential purposes. In addition to the residential units, the complex comprises gyms, event facilities, coffee shop as well as support areas such as director's office, administrative and service area. The complex is located next to Tose'eh Sighati Kish [Kish Tourism Development] street and the balconies designed in eastern, northern and western wings of the building help in directing wind and creating current by forming the tower exterior shell, making soft edges for adjustment of dominant wind and by presenting proper slanted levels. They also make a difference by creating various forms in the façade.

Inspired by the central yard area and a semi-introverted form, we have tried to adjust sunlight in the south façade, to optimize benefitting from the shadow and air current and to minimize the interior humidity in the fourth to eleventh floors by making an indentation and providing greenery filter in the south wing. The pedestrian entrance of the residential complex has also made a proper attraction.









11-15th Floor Plan



West Facade

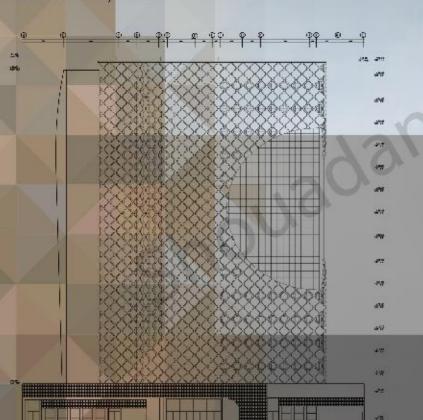


South Facade

Façade Design Competition of Helal Iranian Administrative Building

Construction Site: Tehran Area: 2200 Square Meters Employer: Helal Iranian Company

The administrative building of Helal Iranian Company, an affiliate of Iranian Red Crescent Society, which was one of the most important urban service sectors in Taleghani Avenue, is considered as a major design project. Density of towers in this area, with regard to the defined administrative tract, made us to use crescent (Helal) form in the façade design concept and due to its creation in the middle and upper floors, the shape is visible in the south and east wings of the building from a long distance in the wide Taleghani Avenue, as a distinct symbol.



The project includes 15 floors over the ground floor, including administrative units and the main concern has been the design of a façade with administrative concept and with specifications in conformity with the usage of the property. Accordingly, designing a shell on the curtain wall has helped to produce a consolidate form. The shell, of course, has made a conceptual relation with the area behind (internal administrative space) and with regard to the natural light entered to this space, it can be said that somehow the opening and light play has been used. By this shell the visual quality to the adjacent streets has also promoted. Among the specifications of the designed façade, change of façade rigidity and transparency as well as change of the angle of the existing patterns in stretch metal (the shell) for passage of the natural light, controlling direct lighting inside and the viewer's motion tone shall be referred to.







FAÇADE DYNAMISM:

In order to control the light intensity and, at the same time, to limit viewing from outside, to organize the taçade and to show its consistency as well as to minimize the annoying sound of the heavy-travelling surrounded area, it seems that covering the architectural mass with a reticular shell is a good solution. By using the stretch metal shell with a pattern of Iranian drawings and at the same time modular pattern, it would be possible to have access to certain types of openings, as required. On the other hand, by changing the modules' angle of rotation, a variance is made in the shell that itself helps in dynamism of the façade.

South Facade

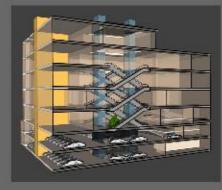
South Facade

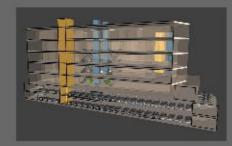
Alborz Mall Design Competition

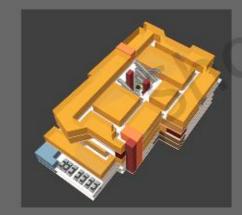
Construction Site: Qazvin Area: 2700 Square Meters Employer: Private Sector

In this competition, the 7-story mall in the city of Qazvin, has been designed with the idea of forming volumetric design with an approach to volumetric purity in order for optimizing the building structural performance and attaining goals such as providing more parking spaces, carrying out regular and symmetrical axis and pillar better construction performance of the structure against earthquake, making lighter structure, creating slanted volume with various heights in two parts of the building to make more attraction and utilizing performance patterns in every floor of the mall designated for commercial purposes based on the structure and simple current connection.



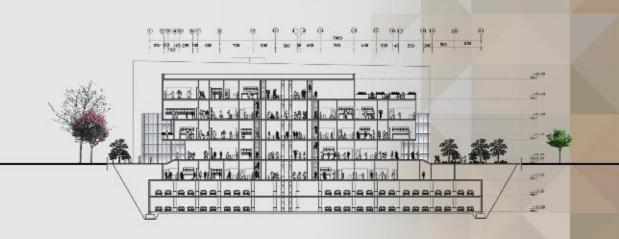






FLOORS SPATIAL RELATIONS
ANALYSIS DIAGRAM







COMMENDATION LETTERS RECEIVED FROM EMPLOYERS

Commendation letters received for:

- Design of and supervision on headquarters of Kashan University of Medical Sciences
- Design of Khatamolanbia Health Center, Kashan University of Medical Sciences
- Design of Abrishamchi Health Care Center and Emergency
- Design of Forghani Education Complex
- Design of and supervision on Kashan 240-person dormitory
- Design of and supervision on Kashan Rehabilitation Campus
- Design of Red Crescent Society guest house in Shiraz
- Design of Kashan Special Clinic
- Design of and supervision on the staff building, Red Crescent Society, South Khorasan province
- Design of and supervision on Golestan province Red Crescent administrative, rescue and rehabilitation building; Daland Recreation and Education Camp of Gorgan Rescue Center
- Design of Bandar Gaz Cultural, Sports and Residential Complex; Gorgan Rescue Center; Golestan Province Red Crescent Society Rescue and Health Care Building; Touskastan Road Rescue and Relief Center, Golestan Province
- Design of Lorestan province Red Crescent staff and rescue center
- Design of Bandar Turkmen Charity Center for Cancer Prevention, Control and Treatment
- Design of the building of Vizvar Road rescue and relief center
- Design of the building of Olang Road rescue and relief center
- Design of the building of Zarrin Gol Road rescue and relief center
- Design of the building of Azad Shahr Road rescue and relief center
- Design of the building of Bandar Turkmen specialized cancer clinic
- Design of Aran and Bidgol Special Diseases center