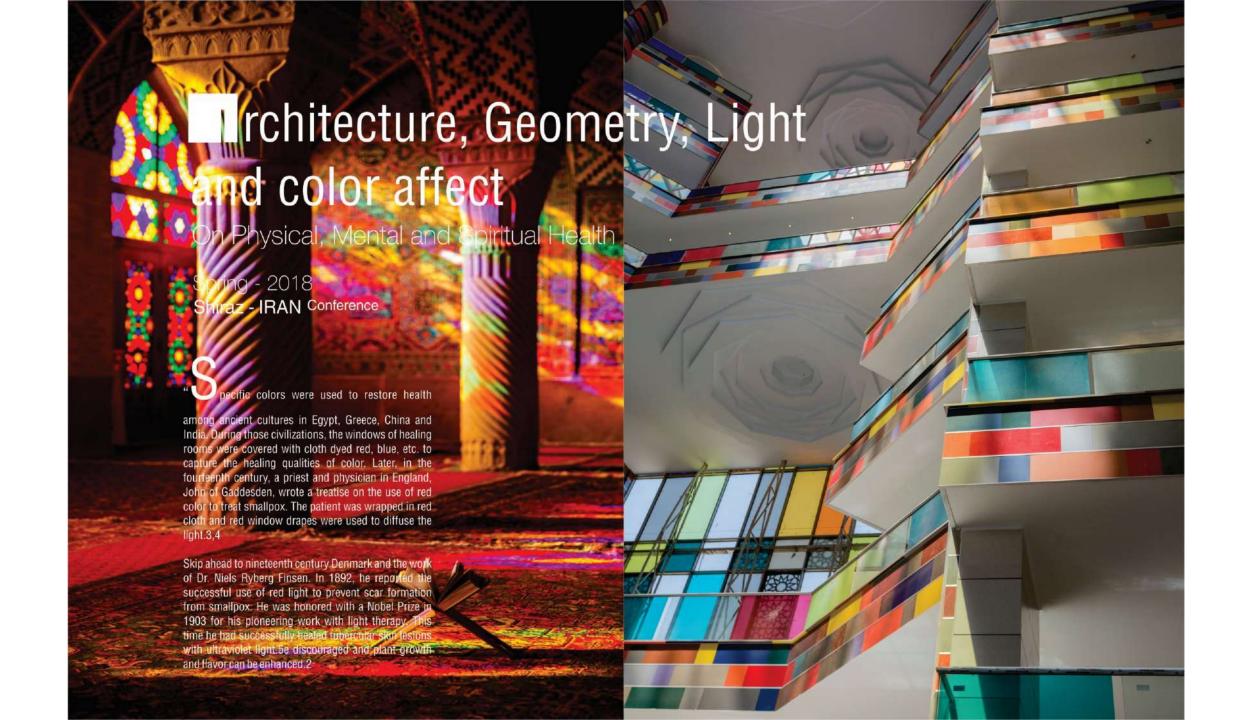
مصادیق ارزش افزوده در پروژه ساختمانی

شیشه کاوه – بیستون یوسف آباد





Biography

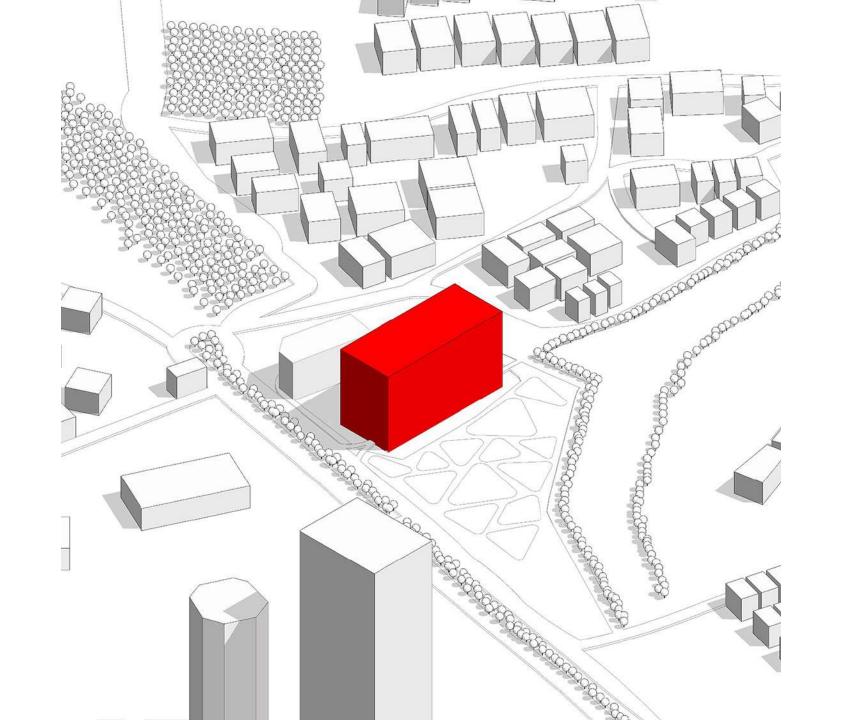
Amir was born on April 29, 1977, in Tehran, and had a childhood interest in painting and music that has stayed with him throughout his career. He received his Master's degree in Architecture in 2003.

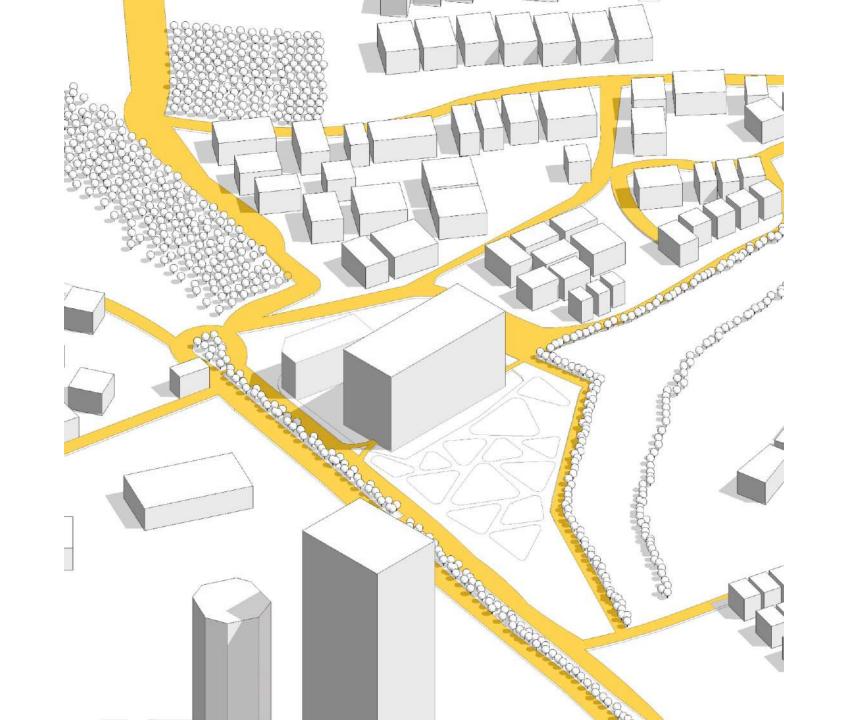
He experienced working in the international atmosphere as a concept designer in Iran, Emirates, Malaysia, and Kuwait (2003 to 2008).

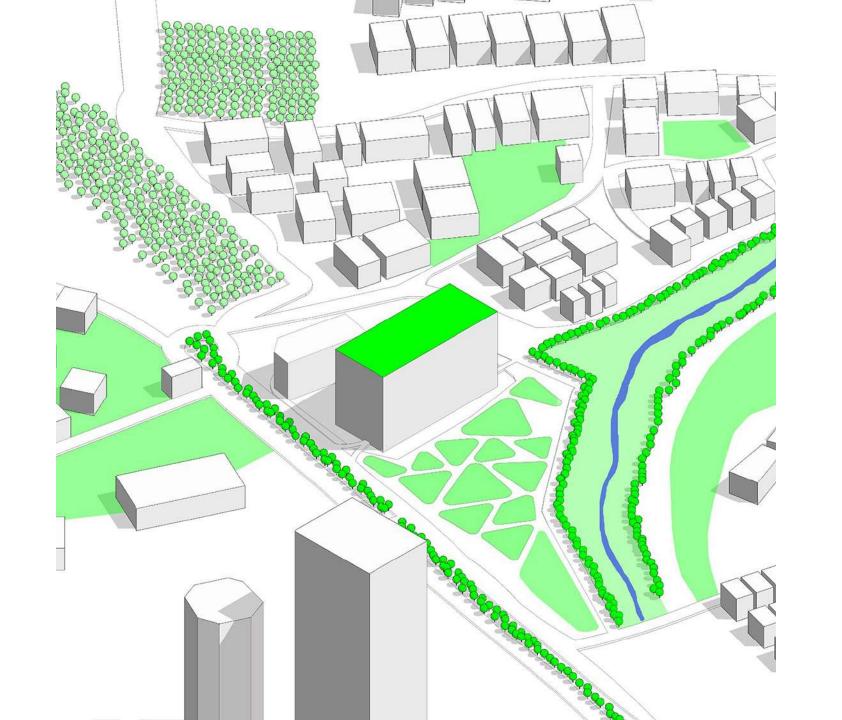
Amir founded "AA Design studio" in Tehran in 2008, which is dedicated to architectural design practices. The studio has an interdisciplinary approach, which combines the features of culture, health, sense, and ethics with context-aware and human-centered concepts and ideas. He established the printed and digital Villa Magazine in 2015 which is a medium and a platform for architectural workshops, discourses, interviews, critics, campaigns, and reviews, aiming to develop cultural interactions and idea exchanges between Iranian artists/architects and other societies of art/architecture throughout the globe.

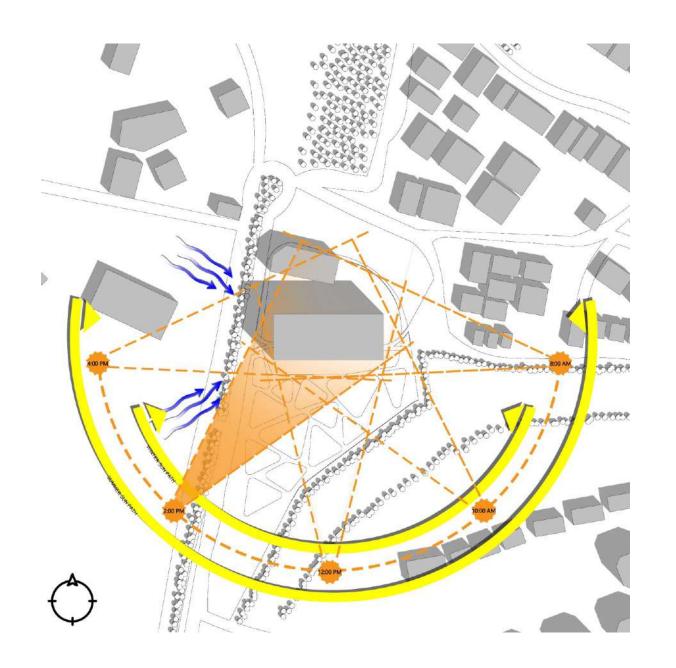
He is the co-editor-in-chief of the magazine which is trusted by more than 600 leading design & architectural firms/products in Finland, Norway, Germany, Italy, Japan, the Middle East, and South America.

Amir is a co-founder of the Iranian health and architecture group and a co-founder of the association of Charbagh in the sense of culture and art with a seat in Zurich-Switzerland aiming to foster cultural and professional exchange between the artists/architects from the middle east and Europe.

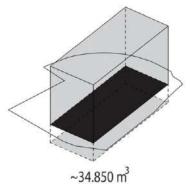






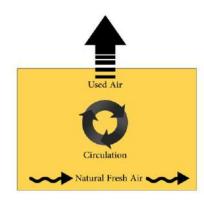




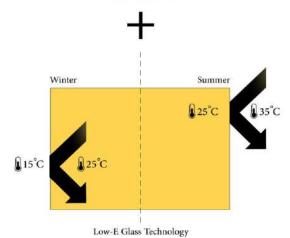


33.40 m x 78.56 m 13 FLOOR

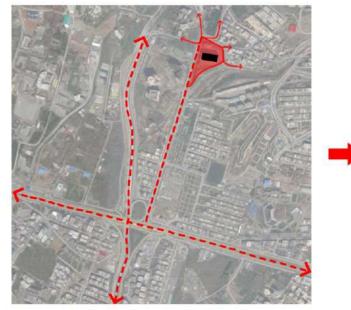




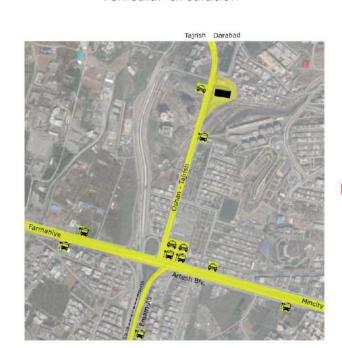
Natural Ventilation







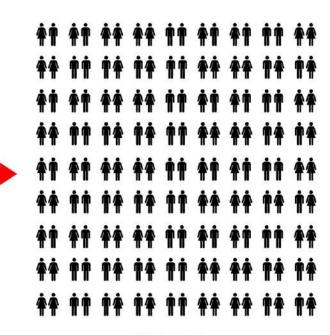
Vehicular circulation



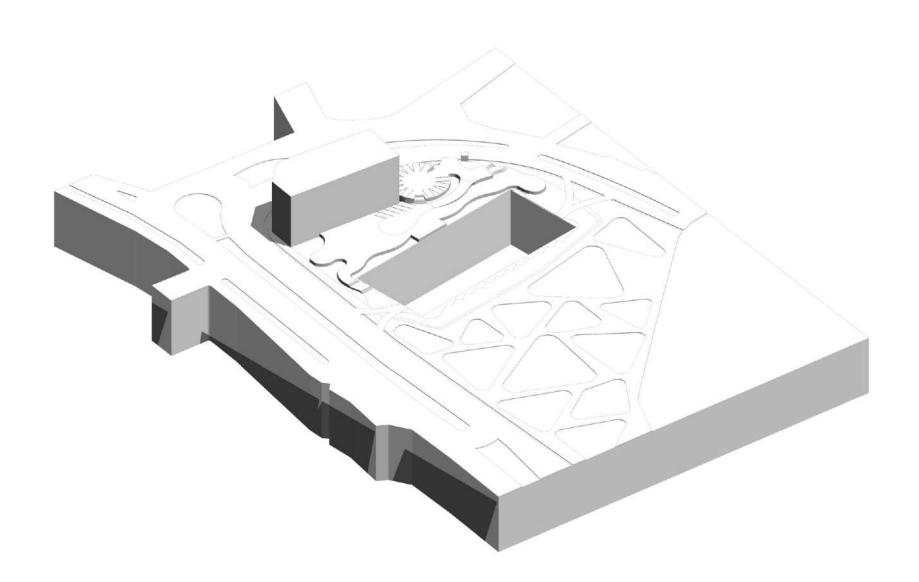
Public transportation

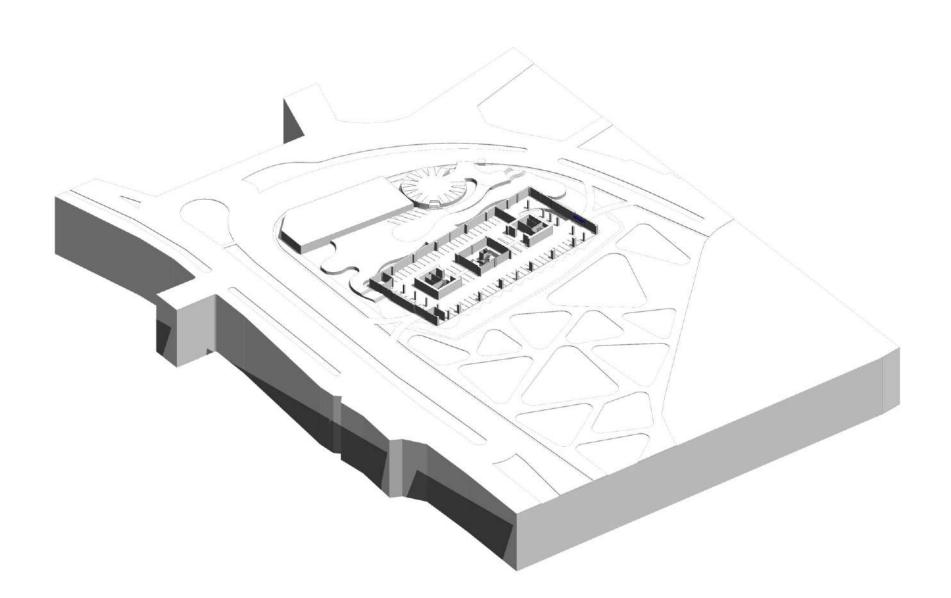


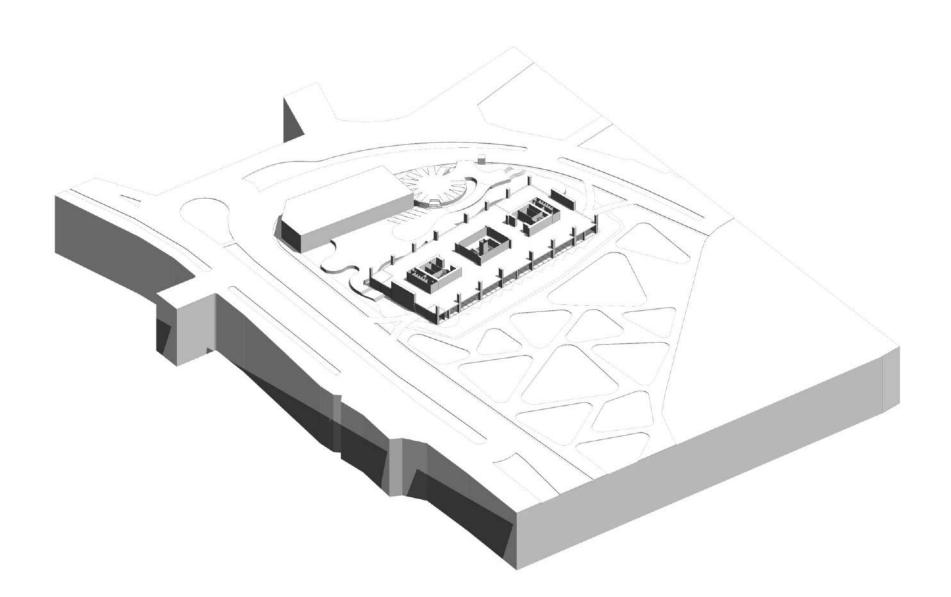
550 Car parks

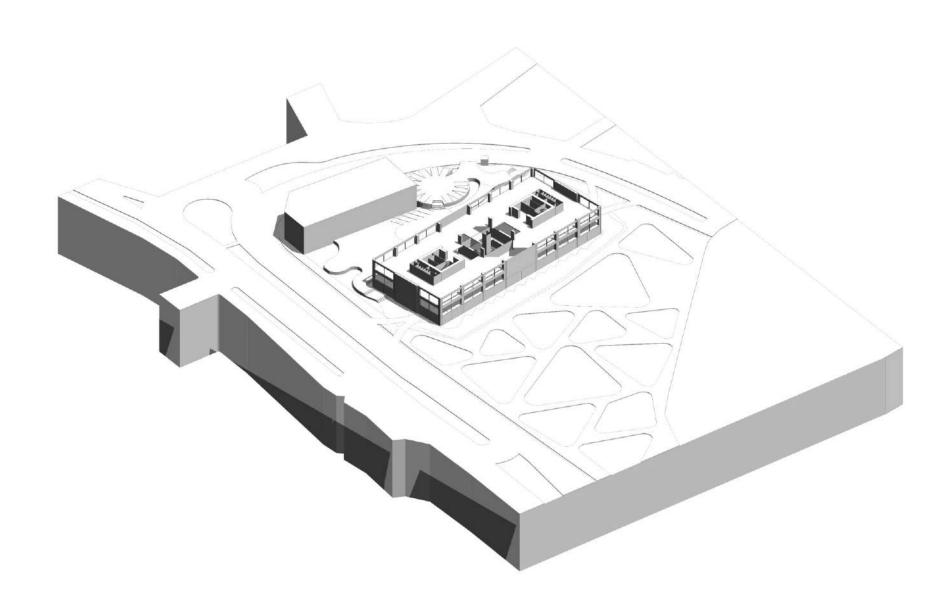


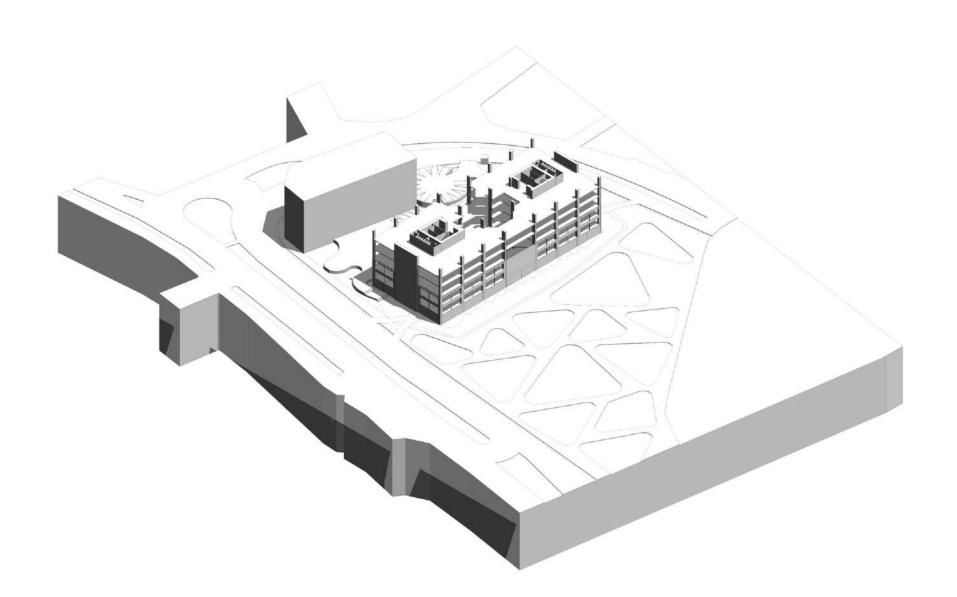
2000 Employee

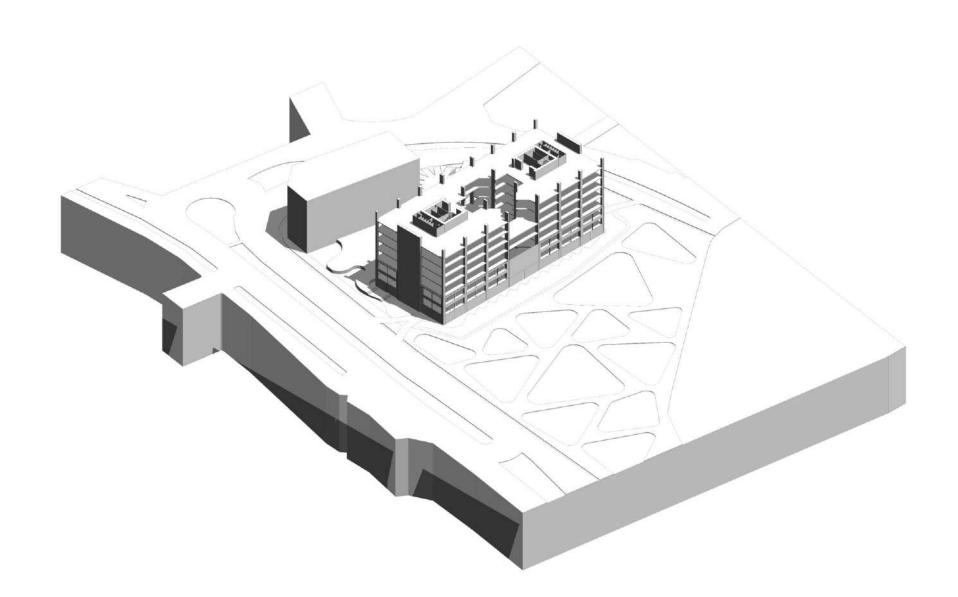


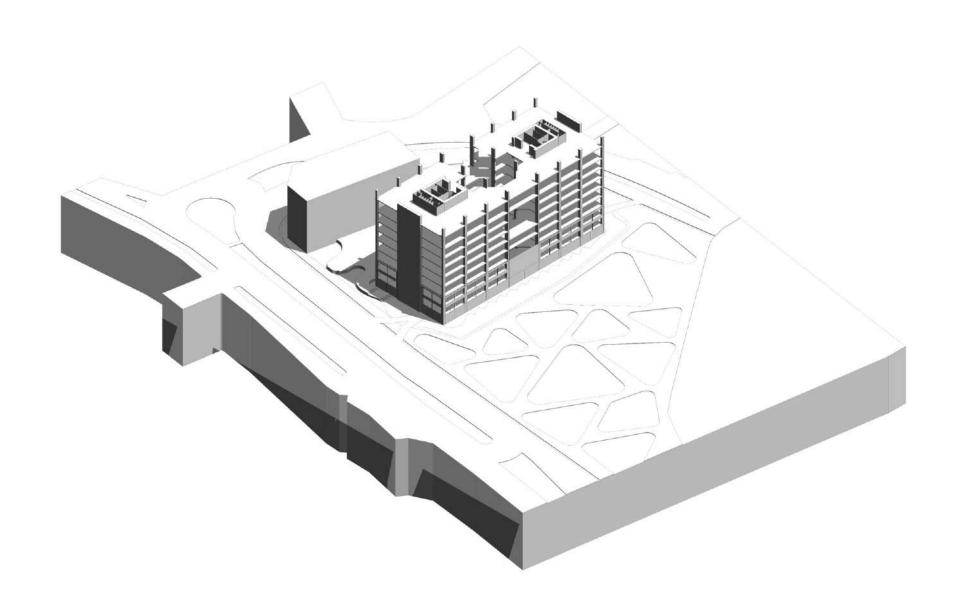


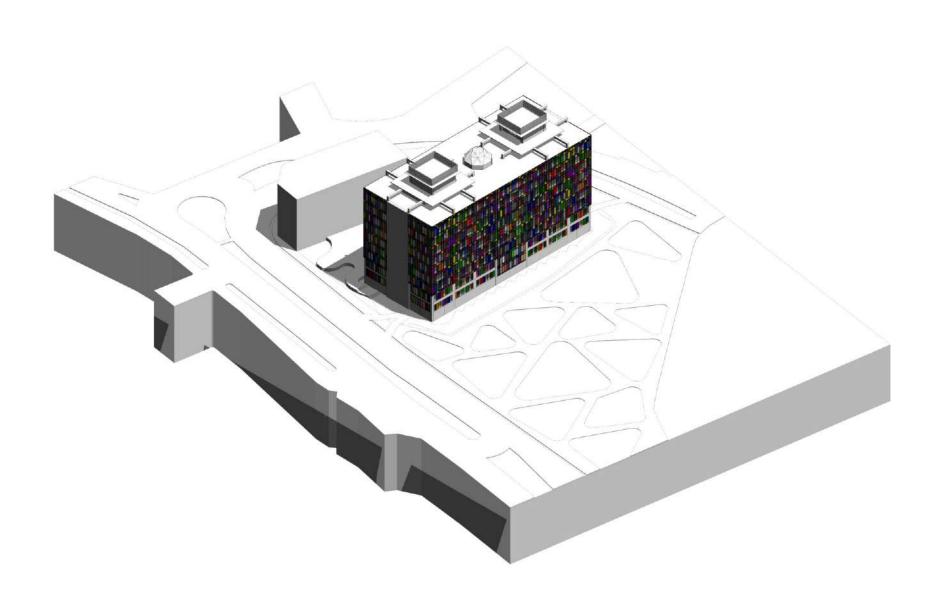


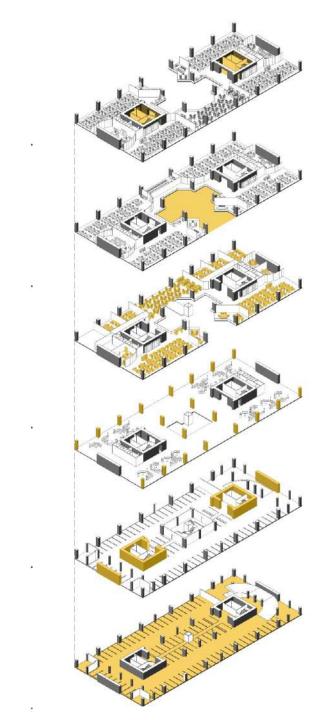


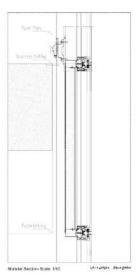








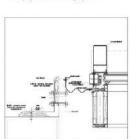




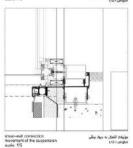
Fecade Engineering

- calculation for green building

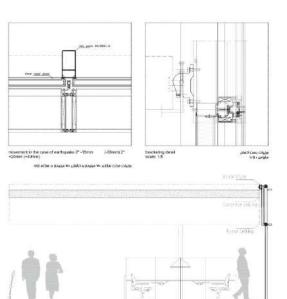
- -cancalatin is glass obtains in protection of Sound proofing -noise protection against sun (UV / Heat) structural design including "Heavy rain investigation" developing of tailor made hinge systems



مزیهات آب بندی و عابقالان مقارس د ۱/۵



- مهندهی تما - طراعی در مهت معماری پایدار
- مقاوم در پريو مراوت و آئش سوری
 - ماکوی در پرایر امواج صوتی
 - مقاوی در برابر اشده
 - گسترش ایده طرامی بنا

































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550 Car parks «يتابش مدة هديا» نقاية

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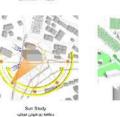
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built up aroo: 28850 Sq M gospia PAAGe i Jimbhya jena



Office Building

Site

The statement a suggeonstrain and dictation is find a planning. Hence: Epocial efforts were made the issue the creation of non-monotonous spaces which do not necessarily follow the especialishes a pidere.

Building Orientation 8.8889 orientation and massing is the easys to good wind well after design.

Public Transport and Cycle Scheme rushe fransportand Cycle Scheme
By virtue of its location. Navel Glass office
Bushing has excellent access to public
transport with a business clearly outside the
main entrance and T tube stop 5 nerutes eals
away.

Bliodiversity Existing mature were have been retained and new agent-creative force and a managen habital nave been added to the landscape assume the building, which is designed to great on agreeable into claim the between streets and

حسارت بنا معنونيت قابل لوجهن را به خاص بياناه من الب when the down design as the sets of the co ا الكون فطن لك تونيه ساطعان ييرين نحن كتند

cussencu exulue deticas anatyous مغرافياني بناو مهتدياء فالب الطشار ياطه است. Out Canter

Zouth activities fails failed and an authorities a مداماته ممل وتقل عمومي لدانة كرديمه است Pyter cont

early all a city rank county along the annual cities. ح عال فسترش و توسعه س باشد

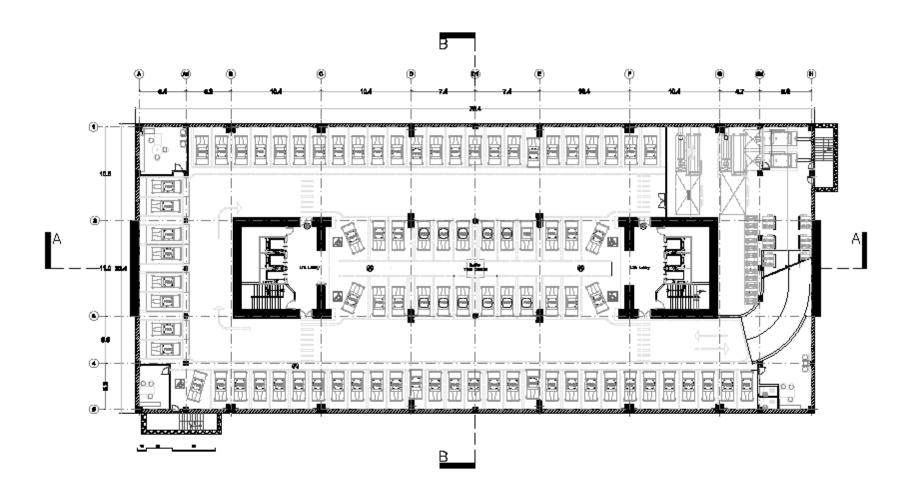


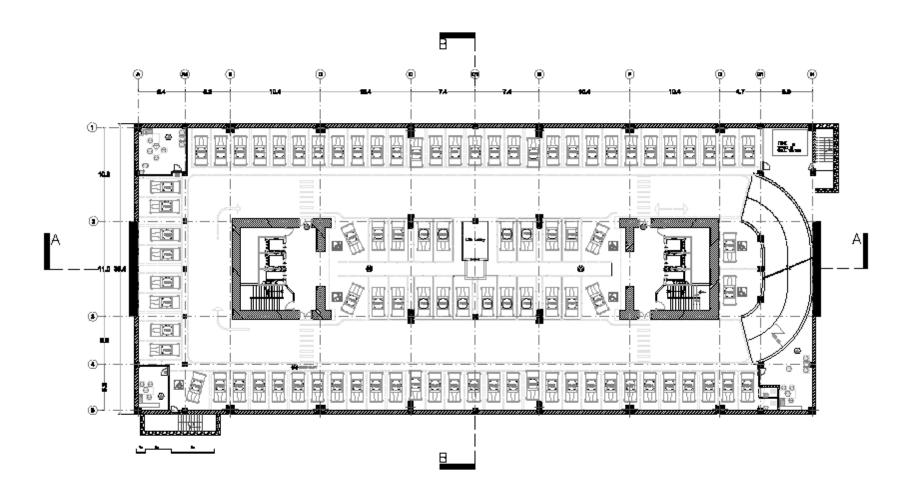
Access ta popular

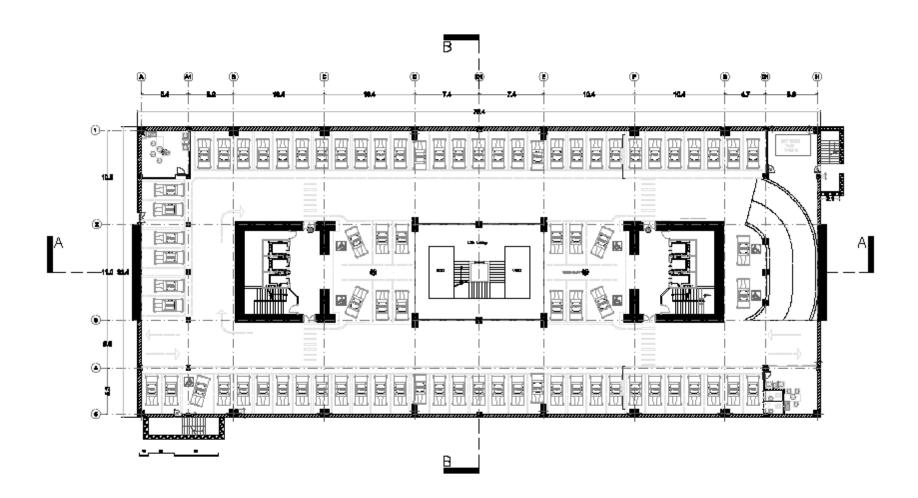
فقال مبز منطله

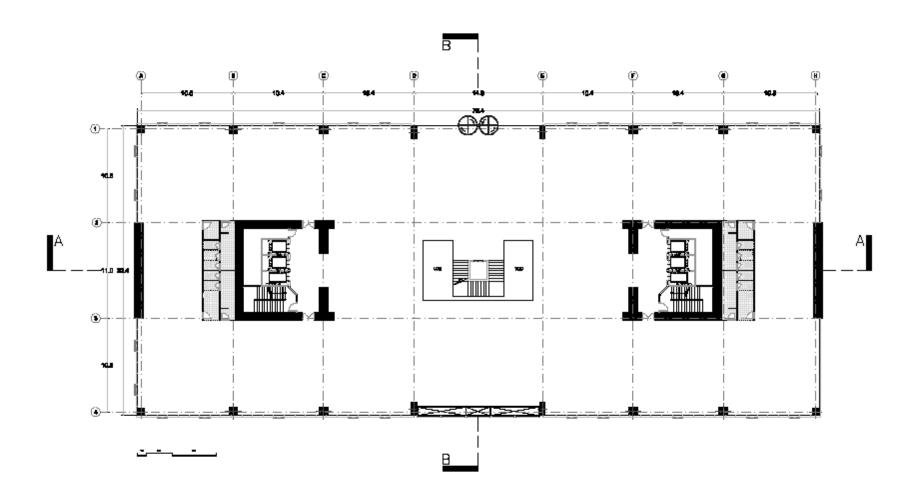
- مقاوم در برایر بار یاد و باران

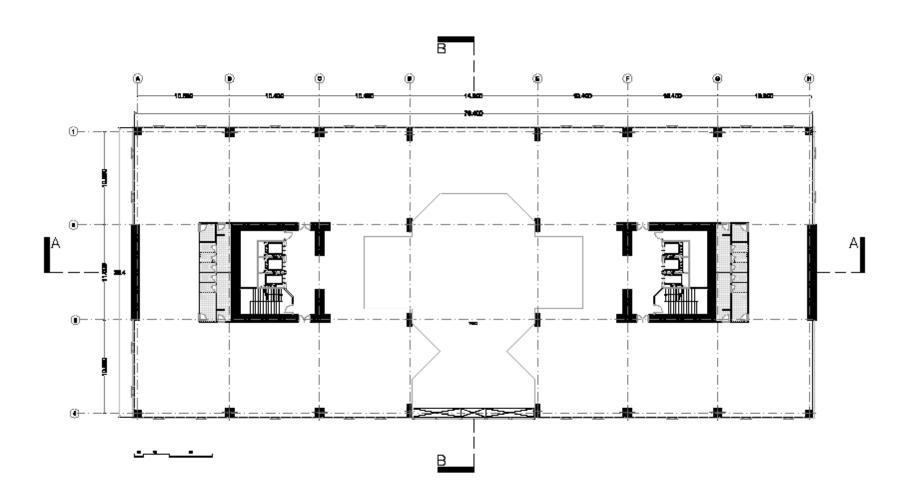
- الستوش ارده سيستم معسل دومته شدم

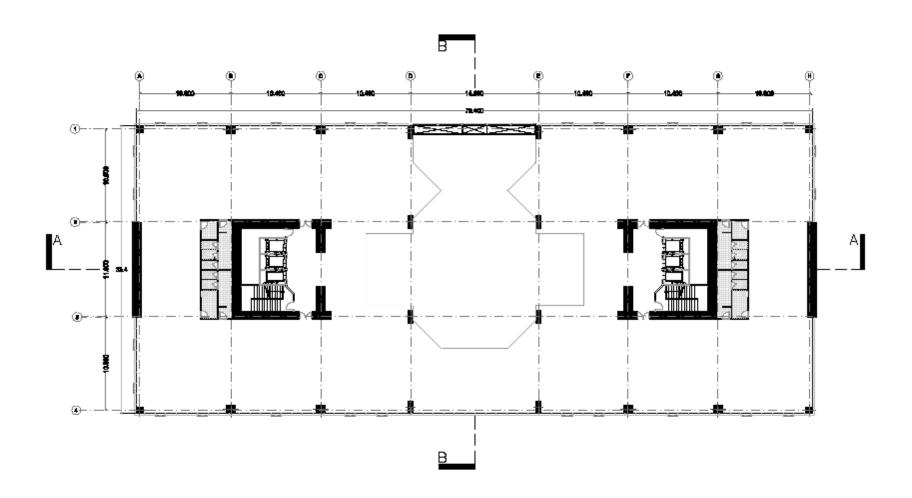


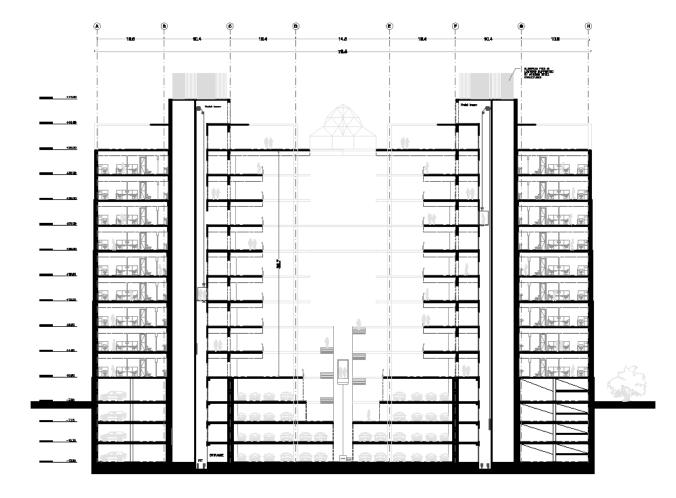


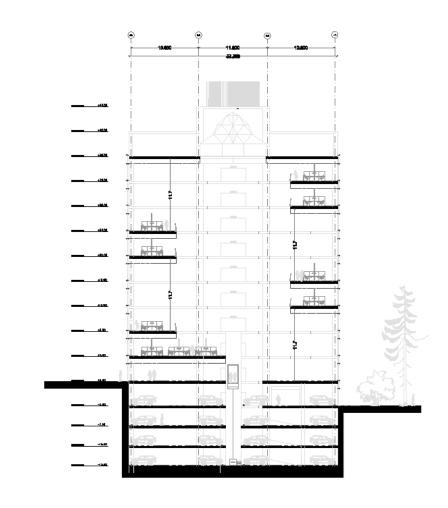


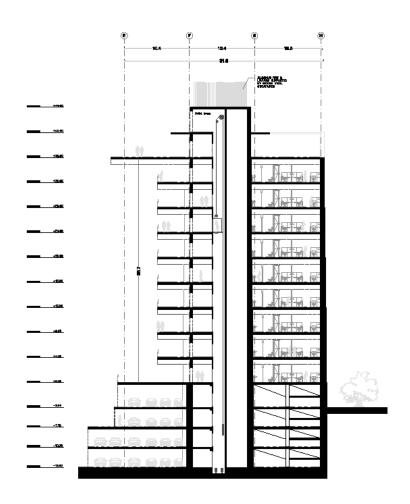


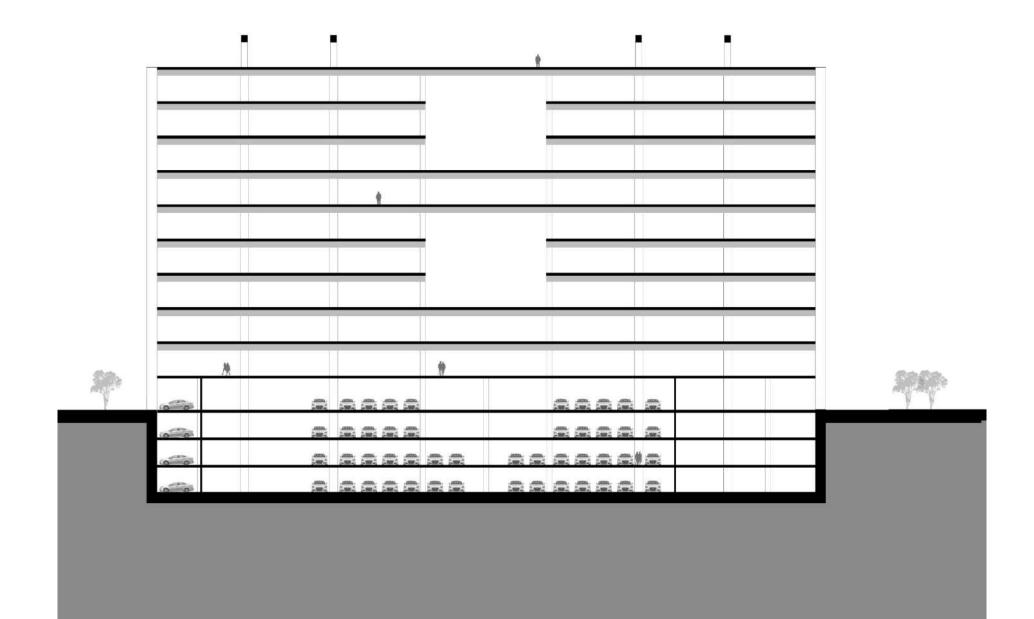


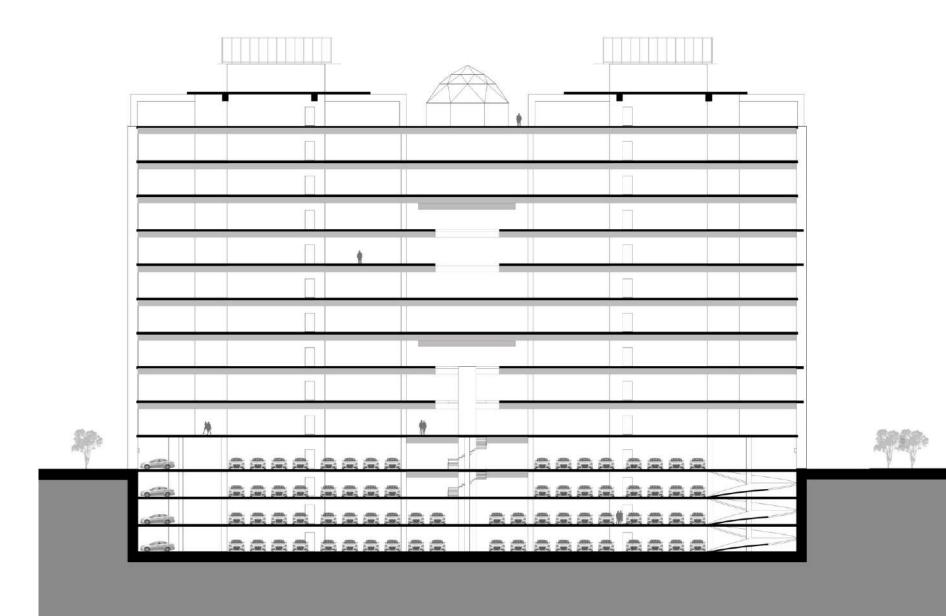


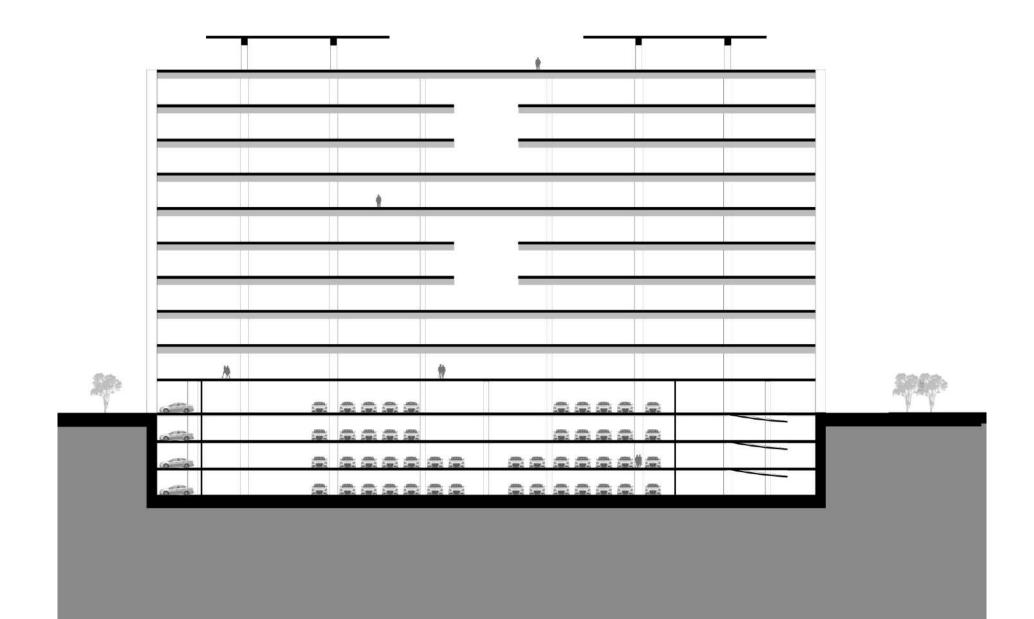


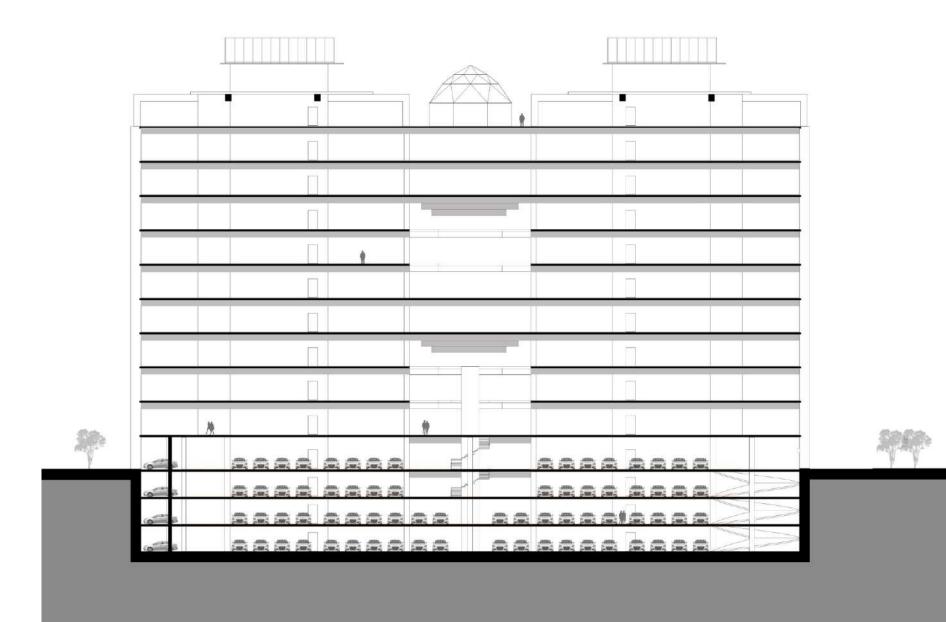


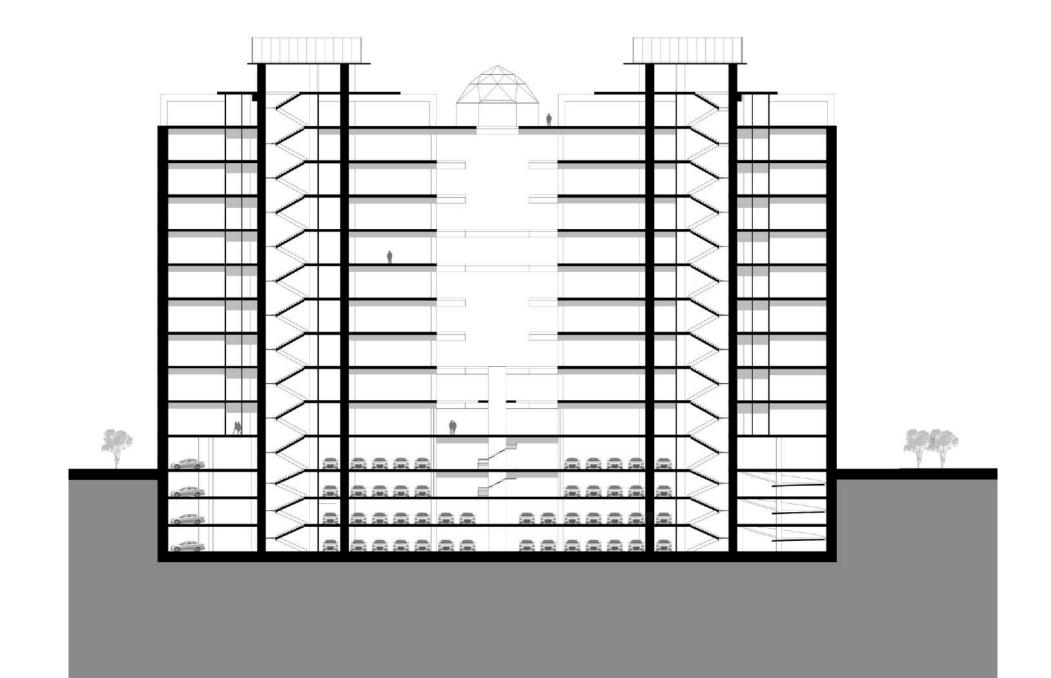


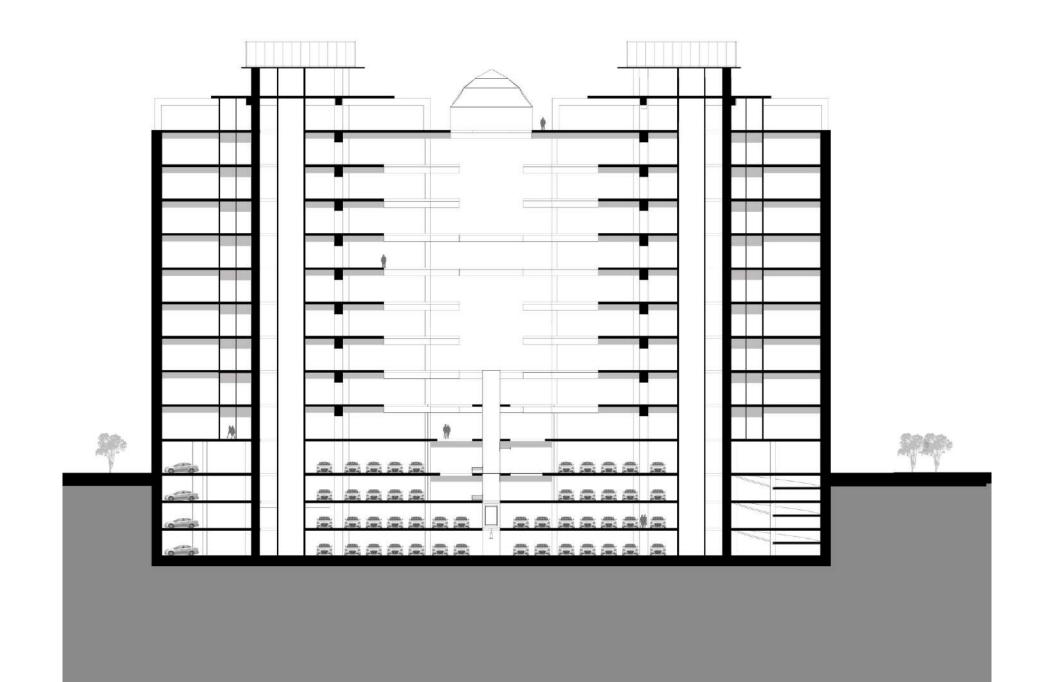


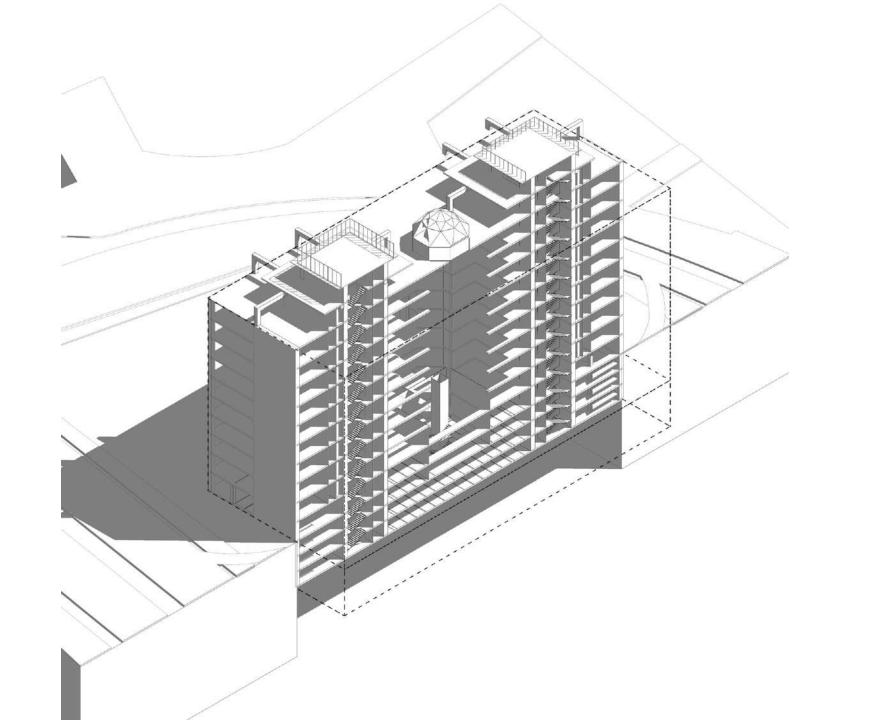


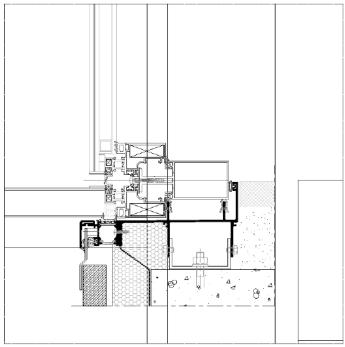




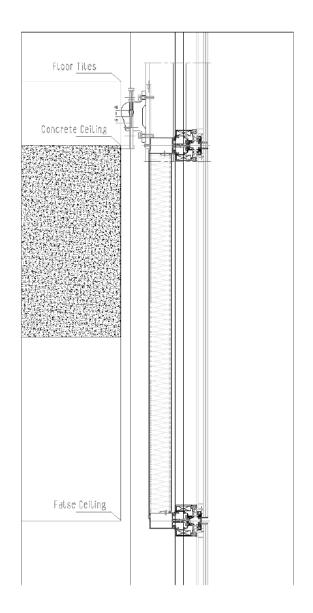


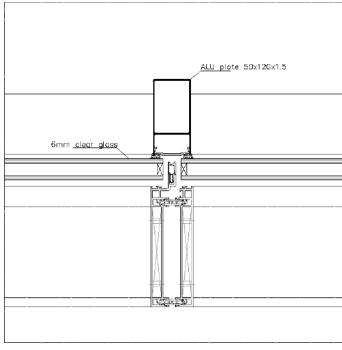




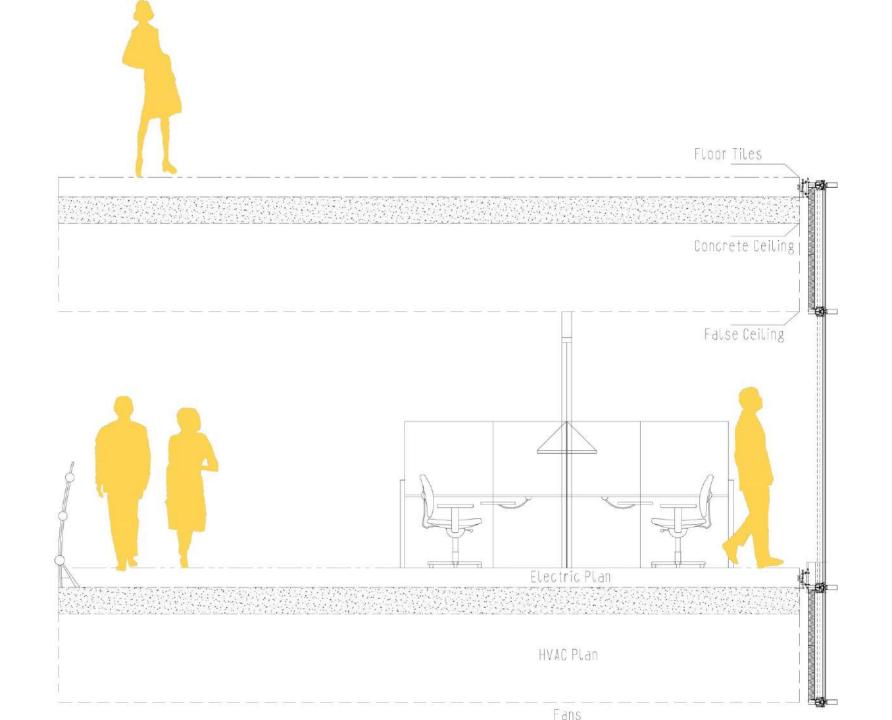


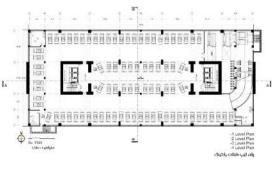
Curtain wall joint to shearwall

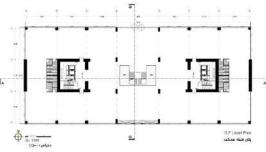


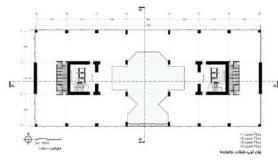


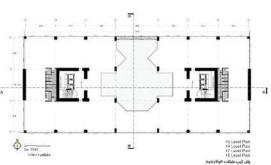
Bracketing Plan Detail SC: 1/5

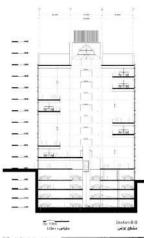




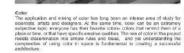












كاربي والركيب رك فالإبريناز معروبه وميس از مكافات بالشعادان طراعان ومترملدان راجر بركوفاه است. برعين خال د بالدخابة طراعيين تغذرو دروش به تقومي سياب سيووردن رتكارا نجيدان رض كرش وكالتعريف كوش مي بالجانقش بلك ما دراين بنا حائم تصرف شدن أن ما توسط قوانون و اينه مان ساده من باشدو برق عمور استفاده از بنگ ما وعوم نور از سطوع للتاند وغومه للطاهاري والميزاق موطليت أأن بالايزادي في تماود

Creativity & Constraint

creativity in this project develop althin the hamework of constraint, with its possibilities done after the creative process, and by initing the elements of design, those demonstration to conceptly electrical. The extensor and interior design instead this stees and clessign elements are simply defined as [art. Look and appear.

تورا من كاهدون ثوره وداؤمات فوج بالمدود كون علامر فراهي اون معصوبات ها ليدول ودراء على عاق پوراد اليورد الاد وطور كالى طراس بالقلى وخاص يبوأه بازالات مطاهه واستفاده ازعاهم عجابتك وغست مرياطتك از آروعا دراين يروأه وه عادية ويه عنوان" مناصوطونين" تاجونية من شوند



Light. Valural daylight is an indispensable design element for Kavehgloss head office building which brings onergy saving so the building sed non-energy benefits. Daylightsmost closely matches the visual response that, through envirolor, humans have company to with all other light, Human are affected both psychologically and

avo compare to with all other light, Human one afforded both recyclological and physiologically by deplayinging. It has how association with improved mooth relations demonstrated from fatigue, and induced expenditure. The proper state of the properties of the prop

Specific benefits in the office area in this project initiate better reality, recurso, deleterates are consensational solution. The financial bening on deriference of expecial solutions. Benefits of the office who first area so operation in many countries in Europe require two curdons the width or Take which as electron. Fill-spectrum leight lights allow dup and night environs to width or Take which as electron. Fill-spectrum leight lights will now dup and night environs to an expect light environment of the expectation of the expectation

cycle, improvement a in productivity, a decrease in accident, an increased level of mental performance, improvements of disequently and an increase of moralization; michi shift withers have as obten attributed to better lighting. The proper use of displating decreases the occurrence of headaches, SAD, and eyestran. Stress reduction and interiforal focus can also be increased by the presence of mutual light.

ور مهرمی عنصار عبر کابل الگام در طومی عاطمان النازی طبیشت کابه به مسالت می آن دانه عقیه در خفر به ادرای در سافات فان مقامت مان والى و طامل براي (1955) برا في را في را في در المست المام الواز و فاني ، بوطعتهم ما بياف المن المالية مده بالانجام مكاما برا بالامت والسام سيوام لالمانا عاتر و فيتبخارك لاأن مثاثر و عود مثر يويواست لانتاج علم متقاده تار تور فرو رائیت می توان وه رهبود خلق و فوی مسلکی کمتر کاهش فیمتگی چشنی و افرانیش رومیه فافرند در کاو اثا

بمشع ودن الندس وول ابتنا وداري التناسات أأمادكع ويكتري يهدا مي كندايين اطتالات همونون وابسناه ومخطاعات غراف معاركة وعرض بضرافيتين بنا مي يتشند

(المكا تأمين نم هيعى و مطالعه هيف گستره نور غورشيه در اين پيوژه مرازاي بنعسوس پيش بيان شده ك شامل ساة يونأ الواطويقي وورد كامش استرس وهيفه مورج الانماء الدي حريطت الدائران استناب الإخراضيتي يراق كياككي النا آظت براد است که در برای کنام و بهای ایورا افاه څورکیری مماثل در ۱۷۷ فیش یک پنوره و بود. طیف کامل وکسکوه د هيعنى غيباسيديه الاوكنان تناوي الهليدانين واحى معداله مداعت دروش فيدنو يأسمان يبرخه شبيانه يبري باحطايق يا يورغه الاي







Space.

Each plaza is composed of interlocking octagon shapes that create a zigzagging pattern. There are no comdons between the modular elements. At any given moment, the system, can see what is beyond the immediate space in different directions and determine his or her path through the open officins accordingly.

The floor plans, and more importantly the way the employees and visitors The floor paris, and more insortanily the way be engineed, and shoot paris, and more insortanily the many personal parished along the floor plate (a pole of parished parished along the floor plate (a pole of parished parished along the floor plate (a pole of parished paris

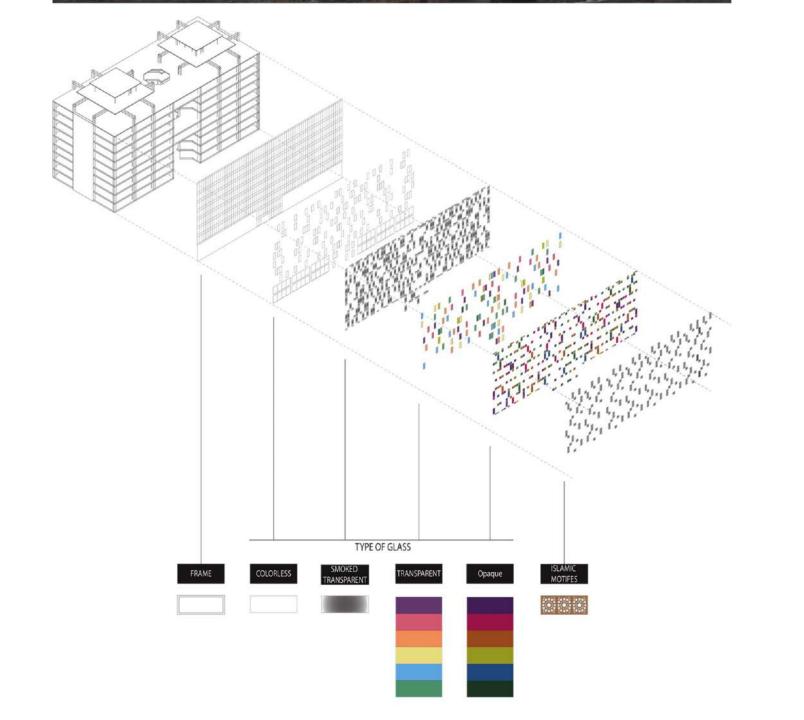




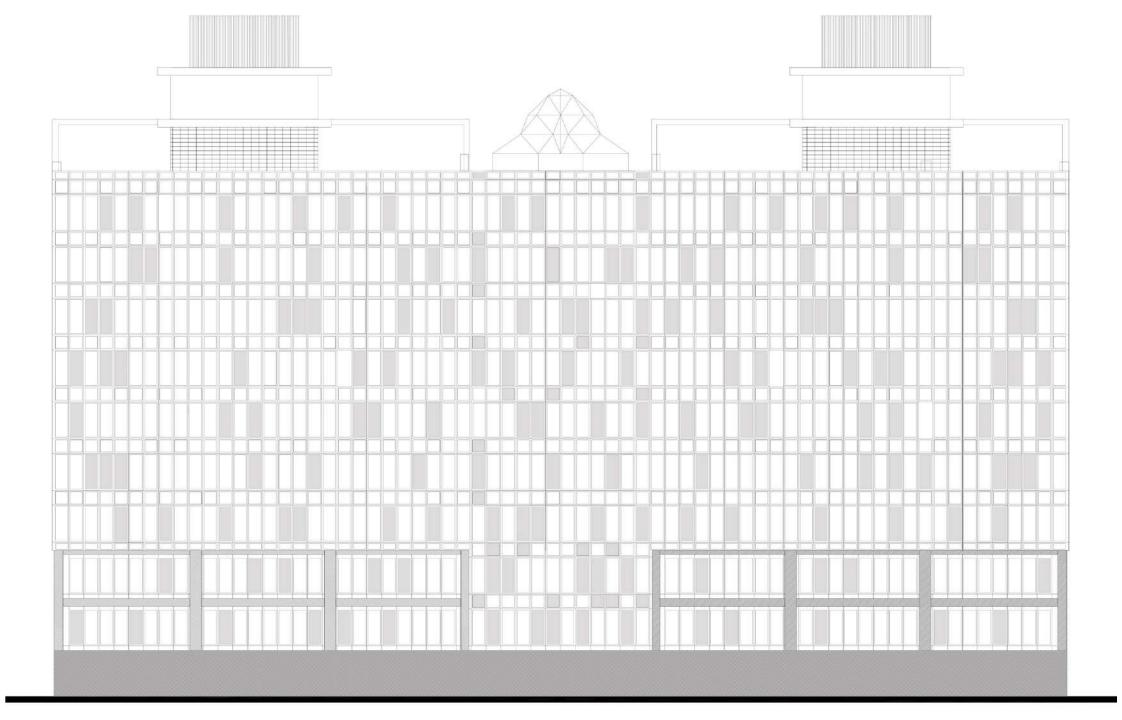
وميدان فشنايي دراين پيواه تتيهم ورشاق و تراتيب پذن هاي منده مستطيق شائل است. اين ولائها در مواز غود داران تعاملي فاني توردها) وه شاخل هذا ده فاصل مي والأنب كه هر دو فوقه يك ولوه مست ولوب و الأمالي وه تمان شيشته في and the comment of th موائزان به اراتفاع بهن وبهار متومى بالأند فاساهان اراتباطي ومعجده هاي واض ثومه ماثل هاي غصائي بالارتفاع ١٧ مثر والمعاوم والمراوي فالإستان والمراوي والترايية والمراوية والمراوية والمراوية والمراوية والمراوية والمراوية والمراوية بالمام الدارس بالمام المؤرس من بيوست بالمرية فلا من كيديد لا يتريك أنها بيوم معتبه عام أحل بأوازيج غربي قابل بمقرمي ومتلفد اين مسله ما تارسل وله مان فرار أأنش تشاخي أأمانه بورفاء ذاكث مان تاميرها الريواتين مار . آمنامیور می باشد. میان المین مای مدما به معاملی اداری میچ رهویی جمهودشد. بداریایی امکان مرحت میروی با از فتسایی و خفسای برگز فراهم گردیده است، میدهای ماندارش و اهامی موقعیت قرانگوری بر ای کارکای آداری (بری پروآه

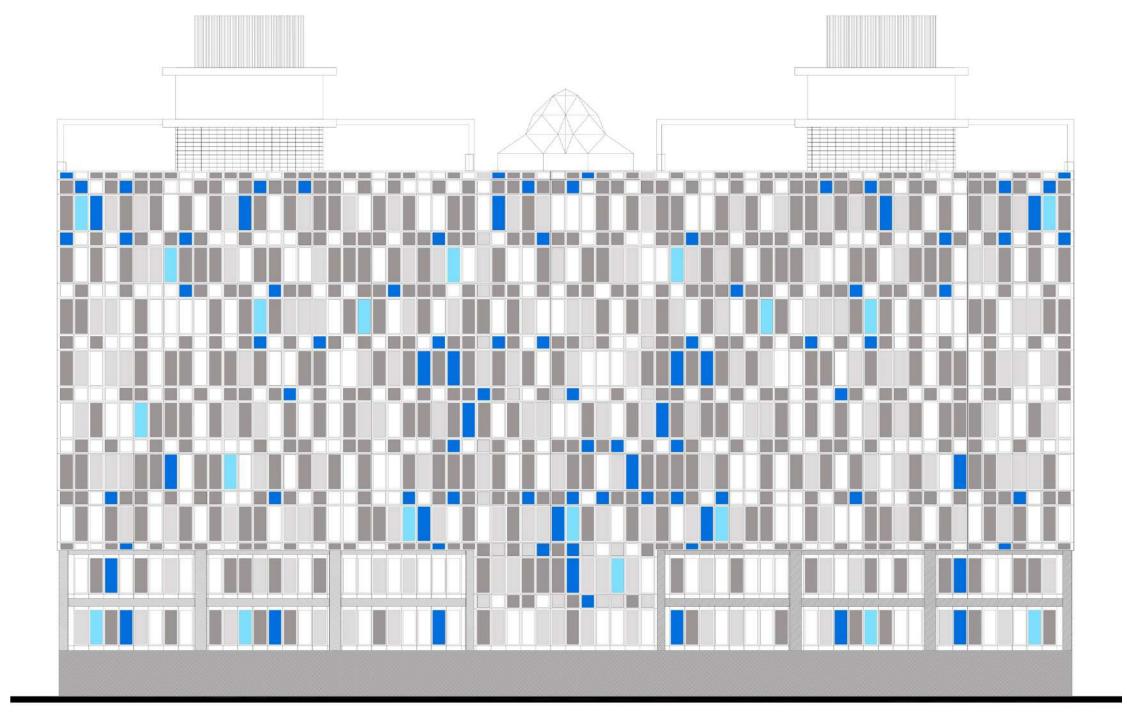
التطرفات والآل مهمل مسيرتماك كالالتم ومشايات فتنافه آن فا والمراومي كتبدورهك آثار بدافت لا مصرييت سار، فنعامای مثلل و آلوزوم مرکزان عالته بدمان تعوایما بواص و آلنگر، تشاخی باد انگوی قابل قویس: ۱۱ نیرای کهوره طبیعه ومقابلتان هاي لداري رفيه تمايش من كنارته

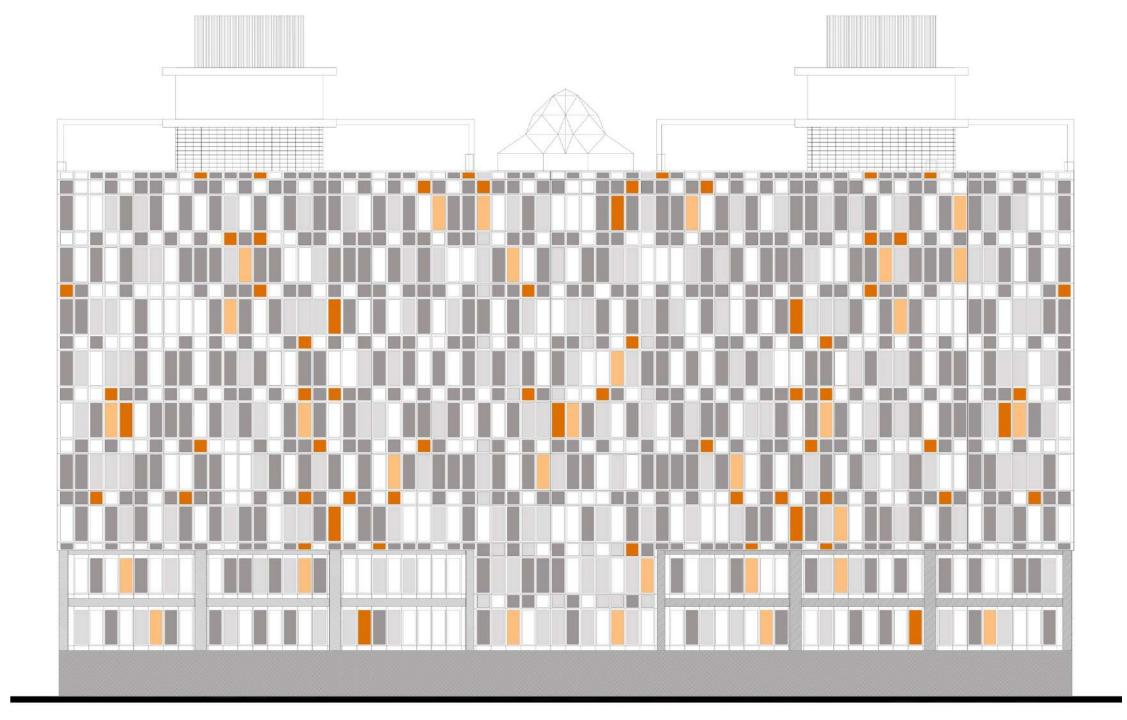


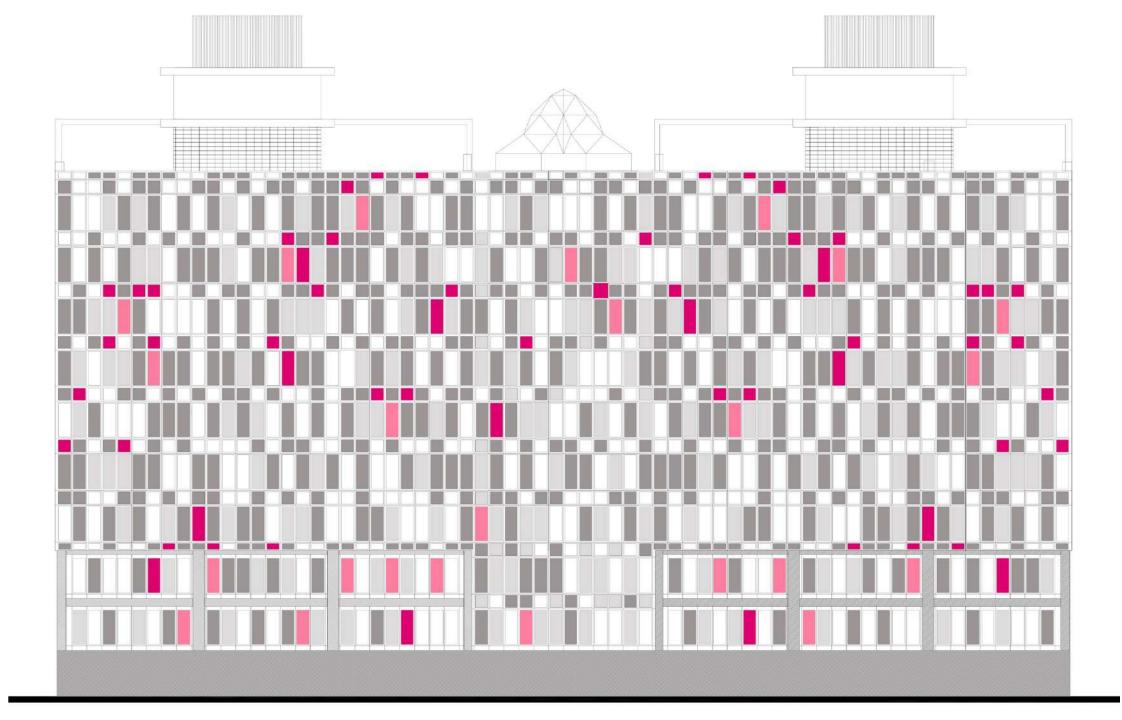


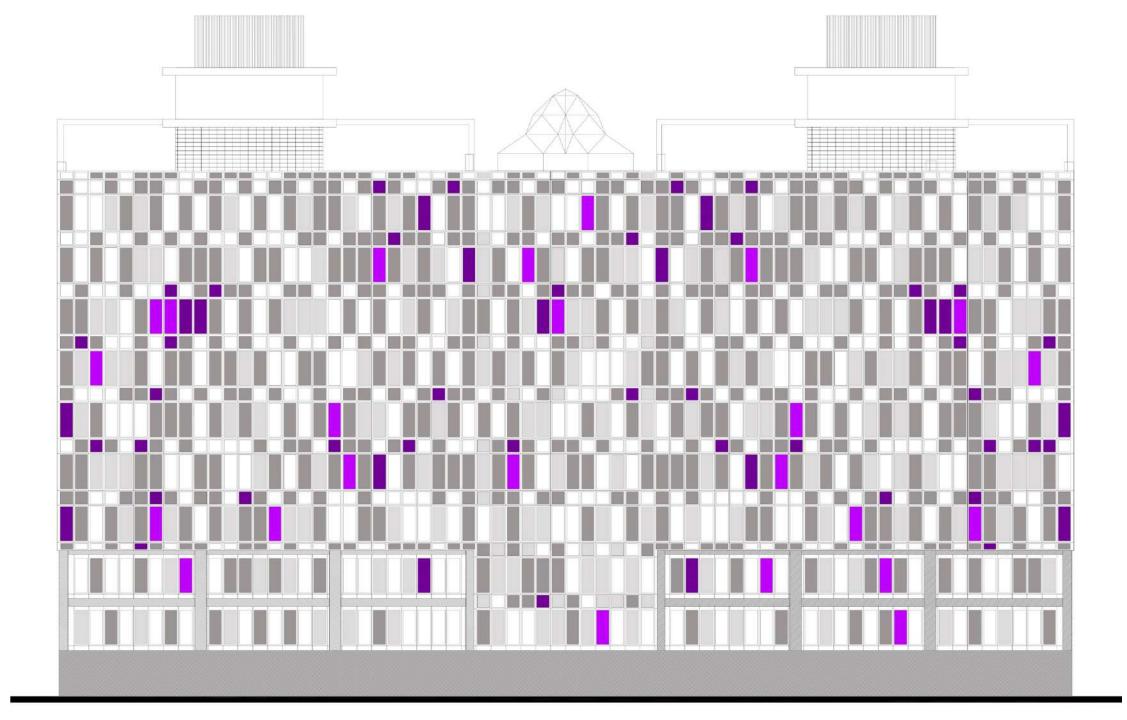


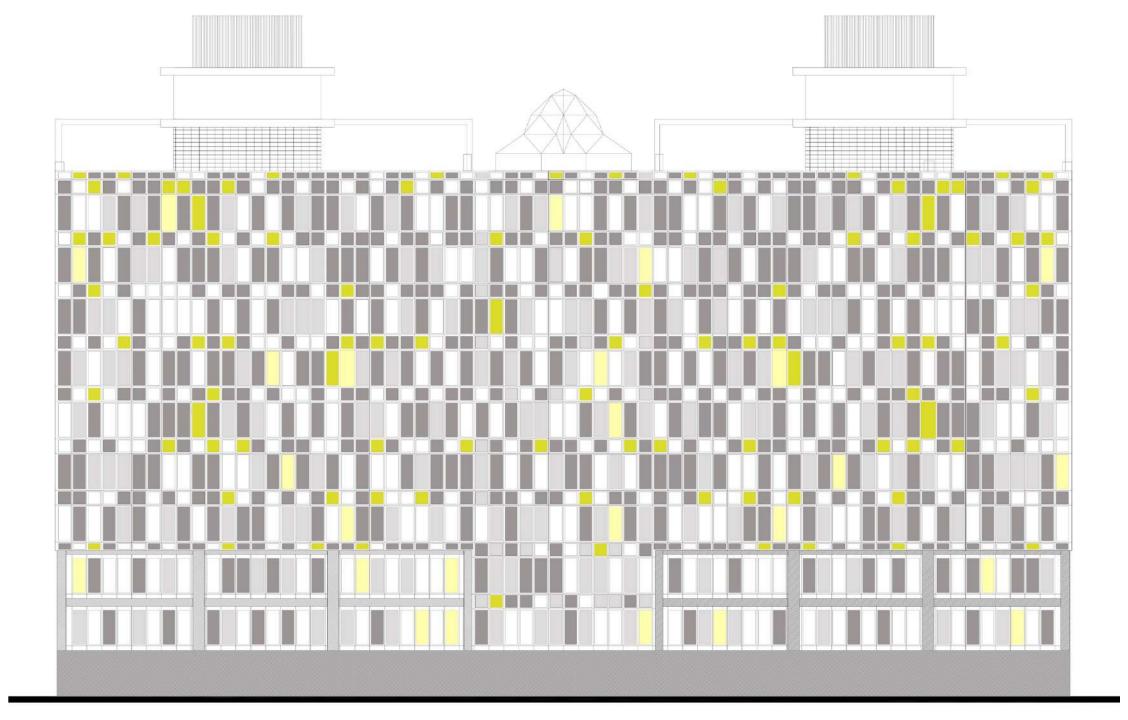


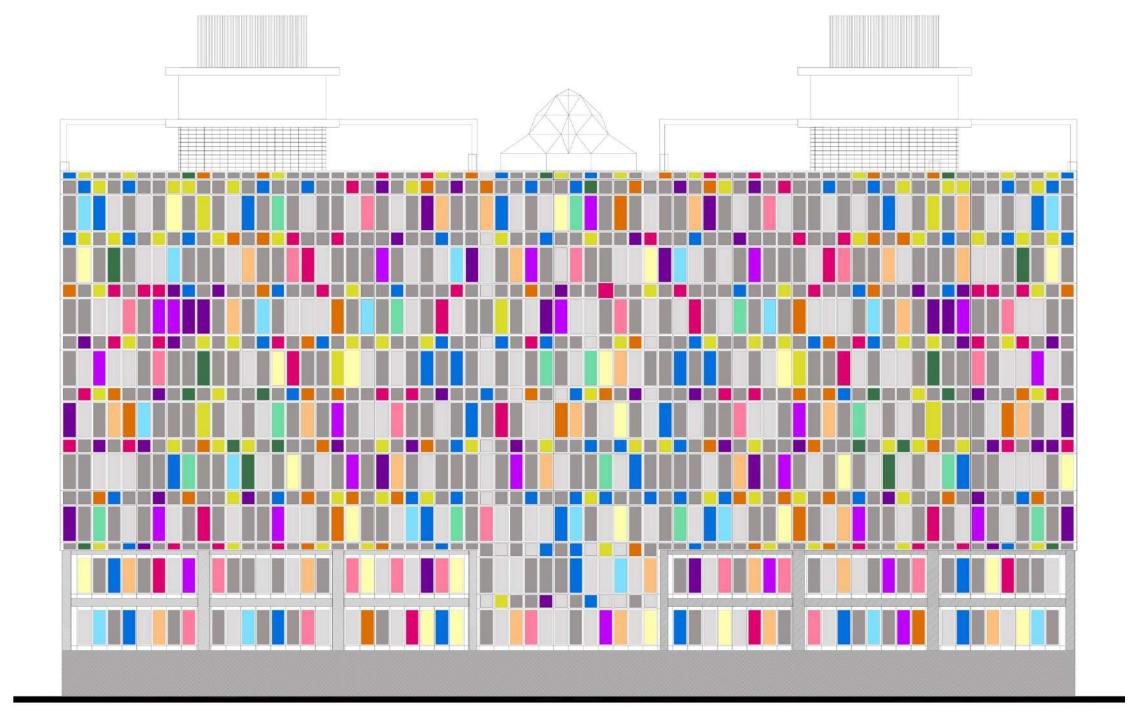




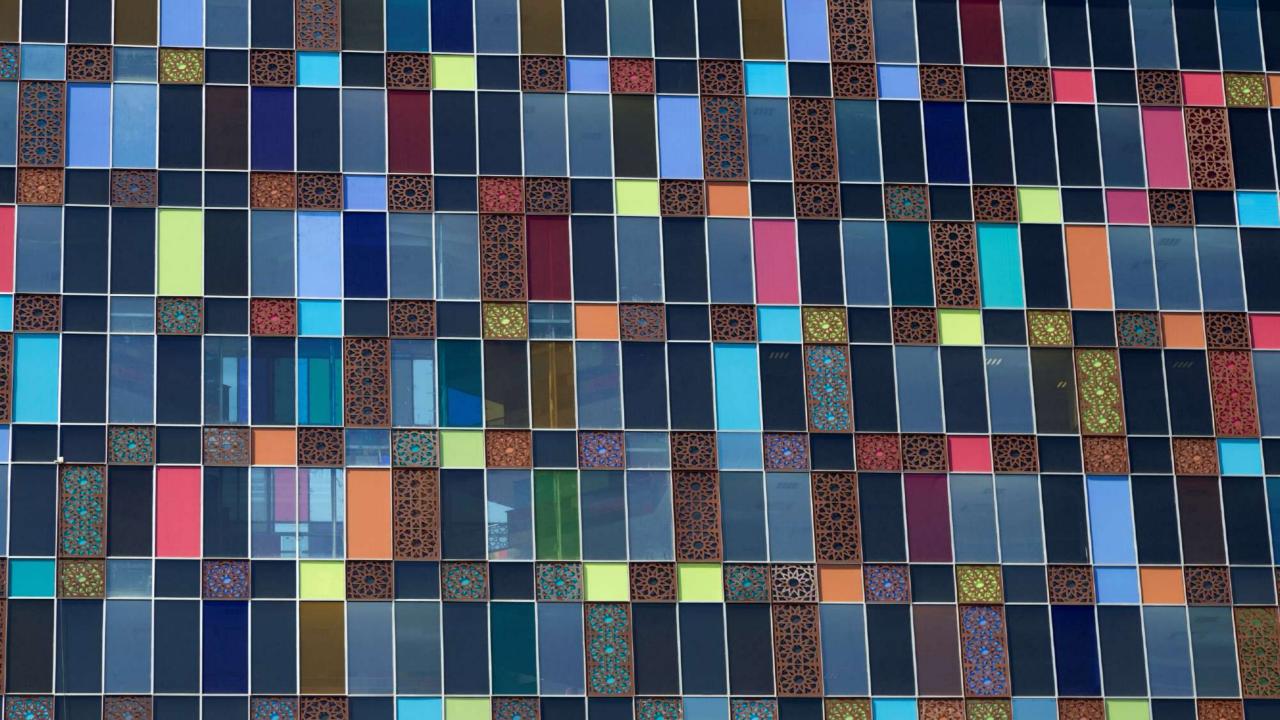




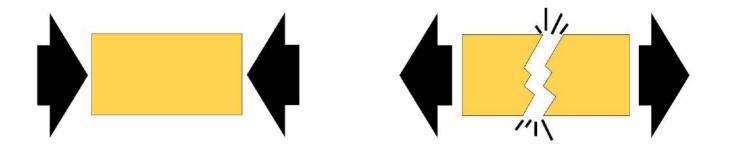


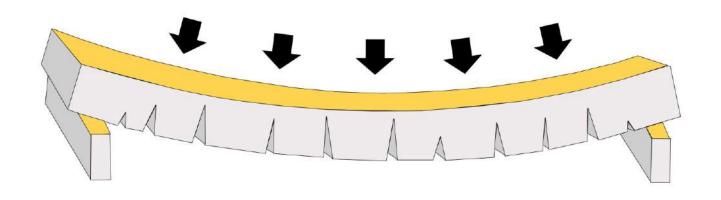


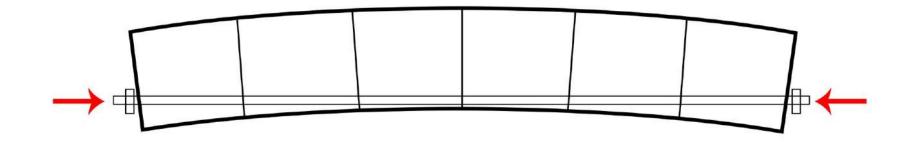




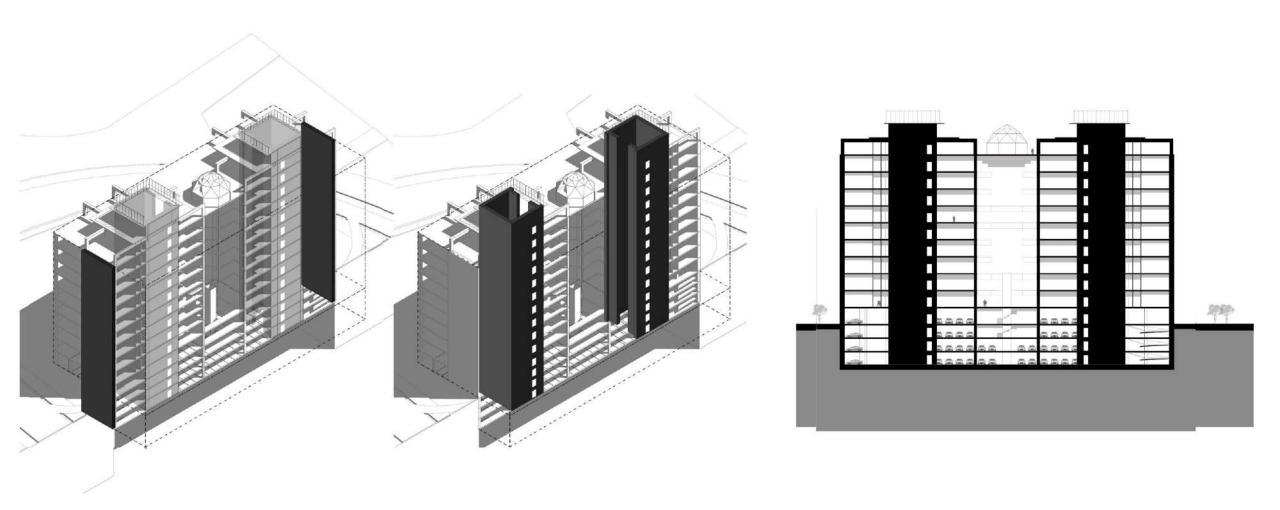


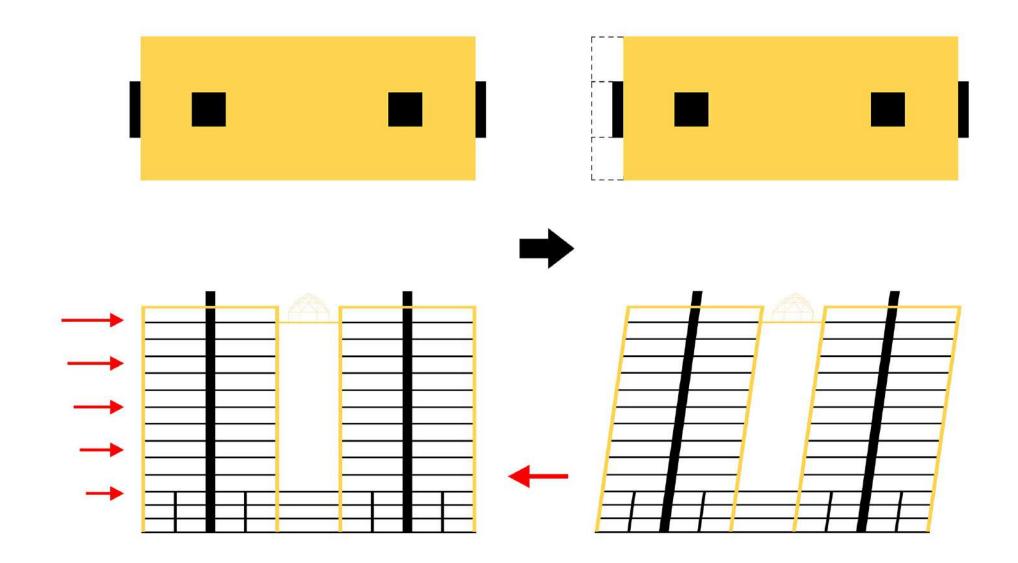




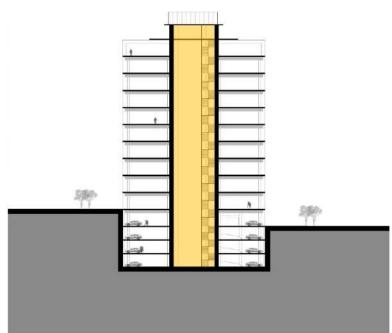




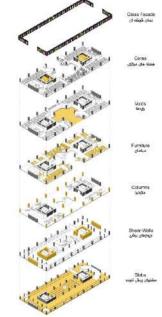


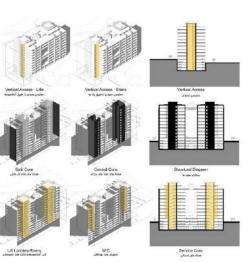




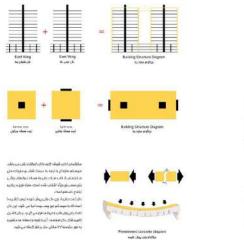












LOW-E Glass

Double Glazing: (4mm: Low-E Coating + 12mm Argon + 6mm: Clear Glass)

Light Factors					Solar Radiation				
Cod	Thickness mm	Transmission (%) ±3	Reflection (%)		UV(%)	Transmission	Reflection (%)	Solar	U Value
			Outside	Inside		(%) ±3		Factors	
Single Low-E	4mm	70	10	18	0.26	44	16	0.54	1.34
Double Low-E	4mm	65	20	24	0.26	35	20	0.42	1.24
Super Low-E	4mm	55	30	40	0.23	30	31	0.35	1.20

How it works:

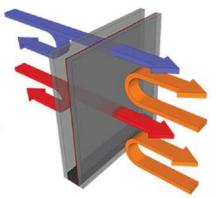
Example: 4mm Solar Neutral Tough / Gas / 4mm Elight Tough

Outside:

Light Transmission 100%

Reflection 11%

Solar Transmission 100% Reflection 13%

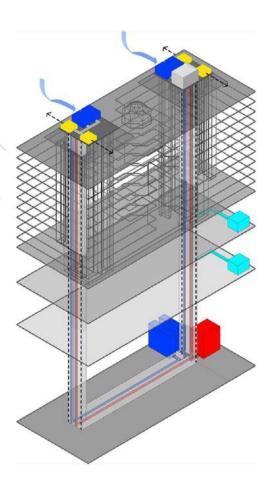


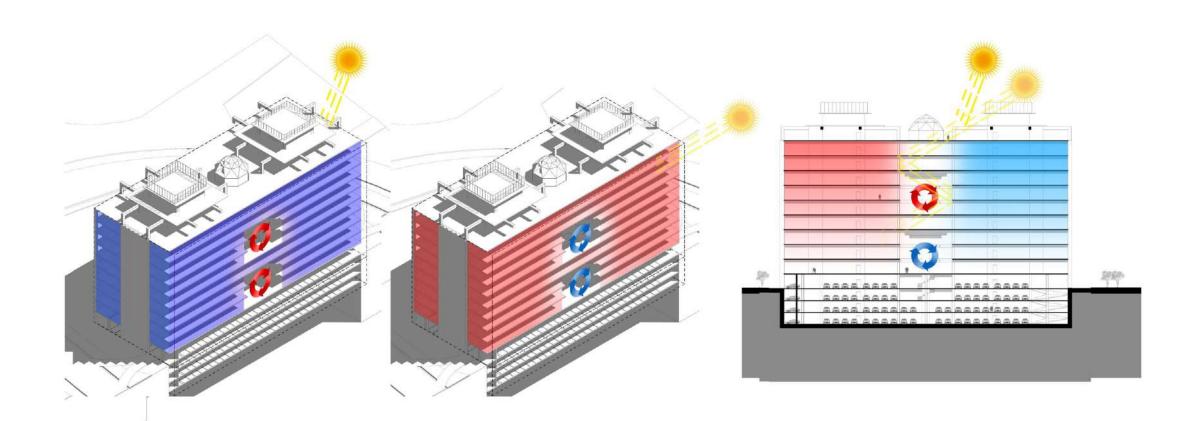
Inside:

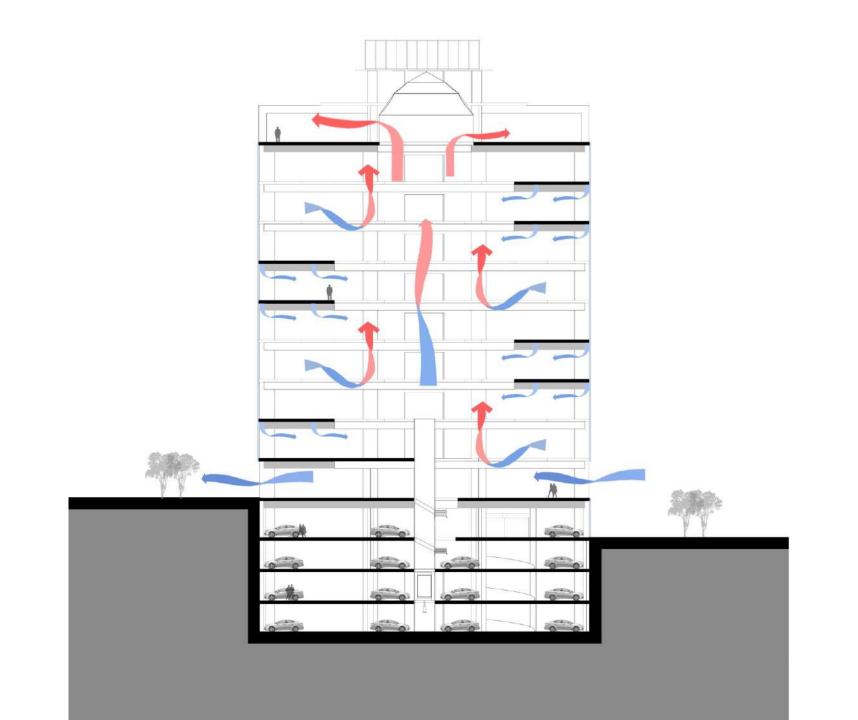
Light Transmission 61%

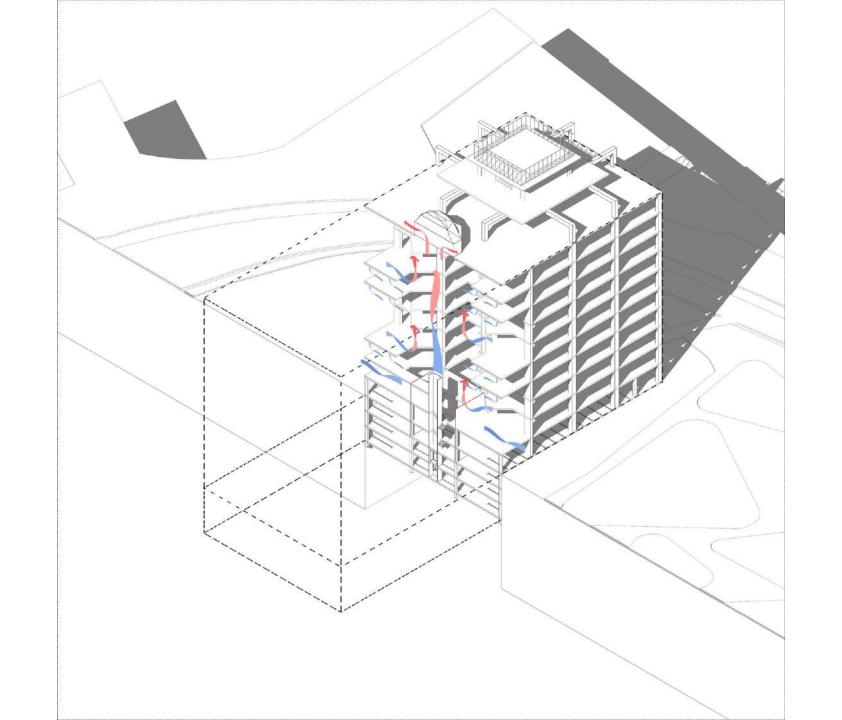
Heat Generated Internally is reflected back to the room

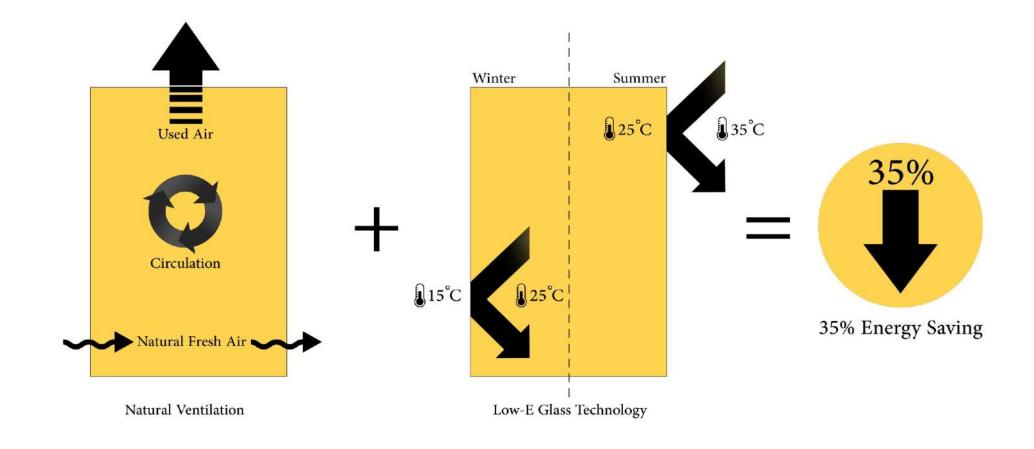
Solar Transmission 49%













Low-E Glass Double Glazing (4mm: Low-E Coaling + 12mm Argon + 6mm: Clear Glass)

Columbia	erro alfres firm	and a							
Cod T		Light Factors روادل واستاه به پولانایی				Solar Factors splips of starts divise			
	Thickness	Transmission (%)3	Reflection(%)		DA(29)	Transmission (%)3	Reflection(%)	Solar fectors	U Value
			put.	in					
single									
low-E	4mm	70	10	18	0.28	44	18	0.54	1.34
doubl									
kw-E	4mm	65	20	24	0.28	35	20	0.42	1.24
super									
low-E	4mm	55	30	-40	0.23	30	31	0.35	1.20

بازتاب روشنایی و خورشیدی

Light transmission. 61%

Solar transmission:

برصد الثقال نوراز شهشه

از طوق خانوان للنا

مؤاران استعدد لإ مشاوران ههندسي نما در اين بناه

- ارعاد عامل مناهم، در مدان گرسا و سوم

ملتومت مخصب ويوان يورغورش

- فارتب والمراجع المراجع المرا

- منتج طوا الرد و عود ، بود و أكوداني مام معوض

has aligned a figure of the same of present a stagle of

- اربداد عاوق سوتي ۵ ۲۵ مس پل

Heat generated internally is reflected back to the office

گرمتا او طویق بازگاب به فقتهای آجاری می رهد

برصد الالكان نهرام المهاد

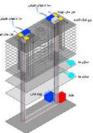
Cidh alice

Light & Solar Transmission Child with Light Transmission 100% Reflection: 11% religib (1 50 LEREE MOS) Solar transmission: Reflection: 13%

Light / Solar / Sound Factors to det / pottle policy (ED) catestin

ومدخالت عوارا شيك

Heat Transfer Coefficient : NAT (\$200 d800) Lipps Direct Energy Reflection : 39% يارتايش مستكيم الرؤى : 60 درهم Direct Energy Transmission : 40% unu Feralish hoose All PV8 flim : 0.45 mm प्रकारक स्टूडिक स्टूडिक केंद्र स्टूडिक Shading Coefficient: 45/100 نسبت الرق تابش به نمای ساده ۱۰۰۰ روم Direct Energy Reflection : son Pro All agline dulis. Sound Reduction : 35 (db) خانص فاسش آلونکی صوتی د کالا بسی بق



yı giladeke işta cişike cinkacı gişkik jişikakişisi moşreşkir مرمایش، و ٹھرید با ھابلیت آسایشے بالا و مسابقہ انران کو بر ٹماو

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thingy Efficient System Design inverty proformance was lay to delivering a high and building which would be welcomed by the local community. To achieve this much insurpt was put into reducing chergy contumption through aboative building design, chergy efficient system design and mensurance representations.

The Angel Building is serious about noticing energy uses in hence carbon emissions, hence numming costs. It deats this is three ways: "field by melling emposition energy in the standard secondly by being explosed are with a third large of energy-eleving measures, and third by being self-allect for gubits hereport, and cycle-themself."

Key features of passive design

The key elements of passive design in this project are: building location and orientation on the site; building layout; glass facade engineering. Low-E glass; buffer zones; and natural stack vontilation. Each of those elements works with others to achieve comfortable temperatures and good indoor air quality.



who are the control of the child has been part of the constant particular description of states definitions of states شان شیشه ای شیشه متر دایردگشد تیژی فضامای باتل و تهویه مطبوح طبوص لإطريق فاصيت دونكش

المتلفيدة الشوائد و على الفرود كالمد الرأان والرواحة بعضم عبدا لأبين كا الي 90 نميل التمثل في نما نر والايكام الإسطالة بالانتجاز وصبة بر MINE A LABOUR DE COMO PARA PARA PARA DE CONTROL DE CONT عظمي هذا فاطبحه ۲۰ نسي بل په علوان فتدان منافسية با طبحه ۲۰ دسي بل مامرية روسيم في شنها بي و بالاثياة أن شطيات اللي من كردد.

Saving Energy

Ę	Hot water	5%
8	Ventilation	35%
9	Lighting	45%
ហើ	Electrical	45%

Heating and cooling 35%





previous a flagable with a wory high level of soler control. This were activelyed by combining fraging profromance glading with filing to reduce a color energy, being transformed inner the space, in addition to enuring the seccessive combination white the selection promptises with the selection of the second selectio

Buffer Zones
Them or a Livitir zones/pach 12
Miles(2) in this subting. They are located on ground fiver, 2nd foor, and located on ground fiver, 2nd foor, and they are located on an ownershall to the office areas are connected to the either located and connected to the either located and connected to the either located and the located first in happening in a Livitie at Time the either service will go out of the buffer grown by the water located to be officed the located and located to be officed on only.

Stack Ventilation

cooled using a stack rentiated as system. This stack system provides the opportunity to use outside air for cooling and outside six for booling and changing the used air, when a sixtable external ambient conditions porm! Fet cooling will be available for approximately 40% of the huisings canadian operating but a high energy efficient and australumb building intering out. 36% energy saving



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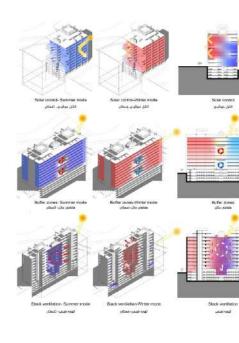
مامنات طيقر درجت كالردادان فصايدي وورفعنساهان اداريان بنا النبام كرفته اون مقطات والإلبا الطريق مهنده....... تما به البوا در آسد. خيشه مای دو مناود اغيره کلنده انژان بعظهم طواحي جزيوات قابهای نما در الين ورداره هومت مي شارد ته علوه بر تعليل و معافقت الأحد من مجعليد ، AND HER STEEL مختلفان ويرجون تقيبه ادران معطير ايماء يعودهاند

عليه يومصول الشيئان ازا نظاق بالميامث فكولت مثل طائكمان الراين بهواه از طبيق واردار و طبيعي سيسينام عير طبيعي البدارياني مرداوش و تهویه با خابلیت آسایش بالا و مصرف الرای کم در تمام مسرل مهیا ست.

Waginin's

الاعدد فالدراق فالل در ارق ووراية والطبالات محكاء الوفر ووارق والأشاح ومود داردت اربي هاد ساهان مائل مراحدي وداراتهاي ۱۷ ملبرت مدساهان اداران sine allocation appeared white advance is also also معرف شده و گرم فضاعات اداری: (طبیق این فضاعات ماذاری آآثریوی مرکان مگلل و توسط تاتی بودگشین که در آن ایماد میشیده و دست بالا مدایت و از طبیق فارد شیشب ای باو از ماختمان فاوچ مرکود، در فصلل ومستان و شوارهی که نیاز به معط الزرای کرمایشی باهل بنا جمید باشته پاشد. g3/sa cing y a ngán saa cris coloi qe diabéa o napa diap5talasa que Applicate translation against

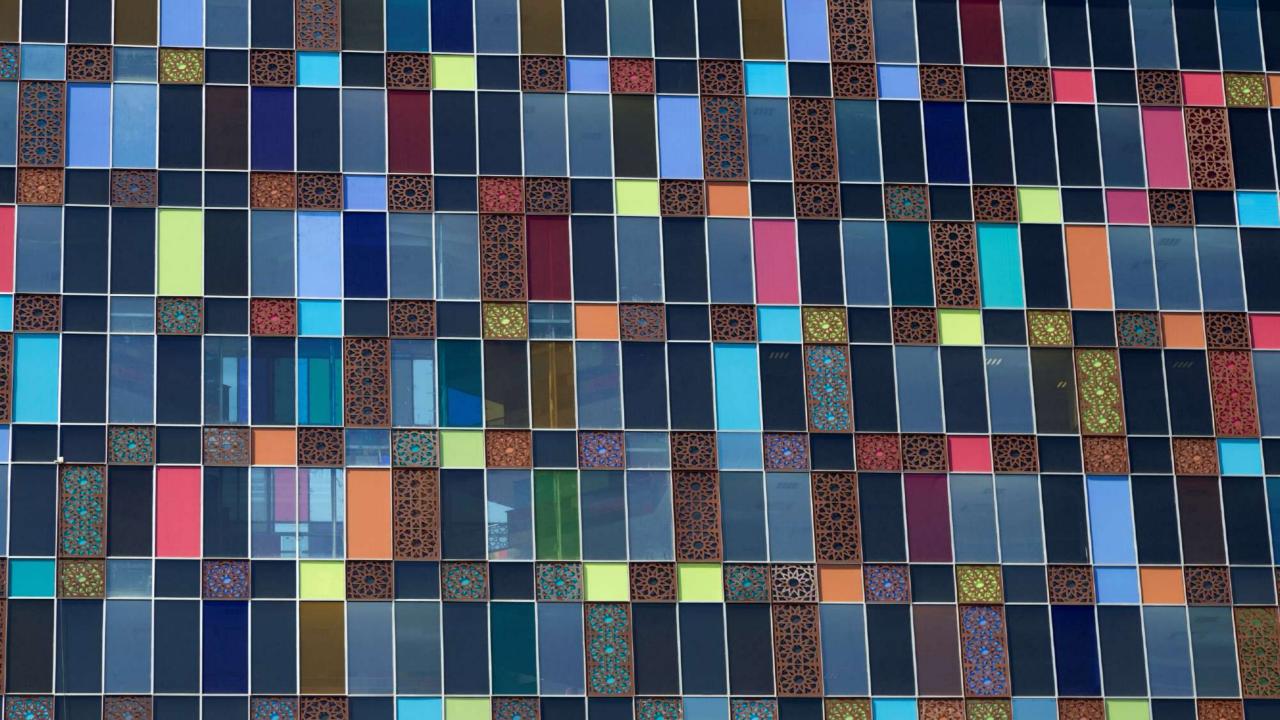
والمراجع المراجع والمراجع والمراجع المراجع الم لهويه دودكشر والنازا مي ياشند اين سوسلم امكان استفاده الإهوان طبيعي و آیاد معینهٔ را برای عربان و تحویش موان استقلاده شب، دانش مهیا می هاید این امکان در شرایهٔ مخاوب مون و ممیطی بیش آن نمایان می گواد. For the bull and the particular countries and the control of the control of contract of the property of the state of manifestion of a first before a fairly and other and a first some after the first البازيگردد ، اين ميسنگم بدون ليلا په کېښات و نويون انسناني قابر است مزیله های سالپانه اثبال بلا را تا عدد کا بوصد کاهش دهد.

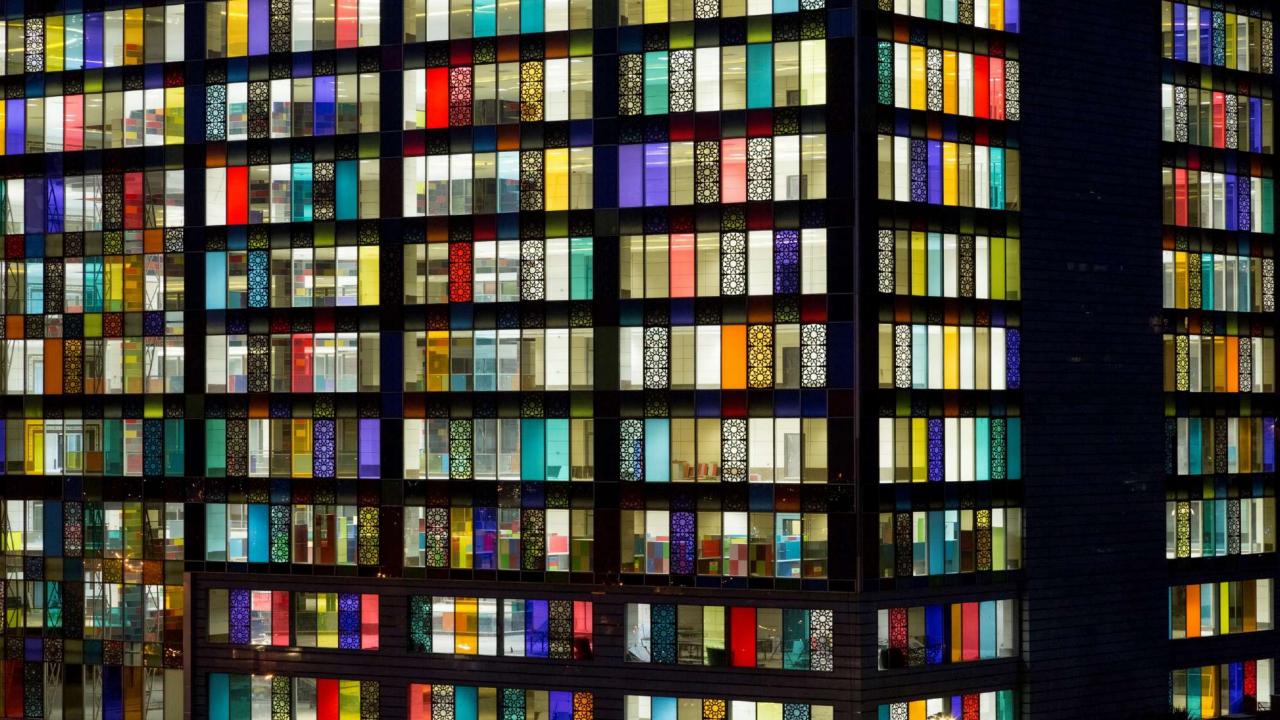
















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Bosooreh Article

OMICS International

Color and Light in Architecture and its Effects on Spirits of Space Users in a Psychological View

Reza Babakhani*

Islamic Azad University, Zanjan Unit, Youth and Elite Club, Zanjan, Iran

Abstract

Light and its effects considered as a complex issue, since the effects happens during the time i.e. space users reside in the spaces for a long time and exposed to different radiated energies of color and regular radiation of the colors make longer effects on sprit of space users and it has longer durability. In current world situation, in which psychological and spiritual problems arise in different layers of society, most of the problems are the result of the environmental effects, and this is the environment, causing intellectual deviation of people, home and city considered as environment in which dity is composed of mass of homes.

Conditioning relax and pleasant environment provided at homes and individuals in the home live together peacefully, the city and society approach relaxation, however, color and light considered as factors cause relaxation and/or stress, which bear strong and deep effect due to endurance. One shall provide a relax and happy environment through correcting interior decoration and using the light and natural colors as well as their effects. In this study, we move toward an environment in which at first color and lighting composed of organic/natural components, colors and lights directed toward natural colors, second, lighting and color of public places shall increase social communications and we prioritize using colors leading spiritual and psychological relaxation. Meanwhile, we shall remind appropriate use of artificial lights, since most of people are not aware of artificial light's side-effect, neither know their disadvantaneous aspects.

All researchers know that whatever exists in nature is useful and considering man-made things, although there are useful aspect, its considered as an artificial one and its use bears side-effect, since its an artificial and non-natural thing, and all non-natural things bear environmental side-effect, including spiritual and psychological one, etc. One shall consider side-effects of artificial spectrum and lights in current life of human being, and use them with caution.

Keywords: Color; Light; Architecture; Spirit; Psychology

Introduction

Human life affected by different environmental and ultraenvironmental factors, impressiveness of human being from the environment considered as one of effective and persistent factors, i.e. architectural environment, the most effects of architectural space through color and light is obvious on human being.

Using light is widespread in urban architecture and design, thus studying their effects on human being and animals is an inevitable issue, which is in the event of environment protection and sustainable architecture, consequently the effects of color and light on human being is studied [1-4].

Methodology

Many books, papers and journals used which are published in the field, in an experiment for six months lighting change and rooms color change are studied to investigate their effects on the individuals' communications and spirits.

Finding

For six months incandescent lamp used instead of fluorescent lamp in personal house and the house lighting decreased to sufficient amount, so that radiated light of the spaces was complaint to proposed standards in while people and things are visible, only incandescent lamp used, finally following table achieved which is the result of six months to study the effects of the way of lighting and adjusting light and its effects on individuals who enter the space (Table 1).

According to table above, maximum hours that people could bear in the space is a colored compound with white wall and yellow

natural light in which individuals had intimate and warm relationship together, and some issues proposed considering family and individual relationships

Since many years ago light and color in interior architecture and urban design's architecture have been familiarized, the longer coexistence effected space users' spirits and their social communications.

In this sense, research indicate that design and planning for appropriate use of color and light increases efficiency, and provide proper and safe communication between space users, in spite of its crucially, neglected in recent years in residential houses only for economical saving of incandescent lamp costs, which forms family basis and first human society and the most important one forms bigger community i.e. society while they were close to natural and warm spectrum and classified as lights with good quality but macro lamp economically and false pattern for useless and extra indoor lighting with fluorescent lamps and energy-efficient lamps, causes failure in eye sight and skin complications, etc. in addition to not using

Citiezes piò ablini garajutta barnic Azad University, Zanjan Unit, youth and Elite Club, Zanjan, Iran, Tel: + 98 21 22 56 51 49; E-mail

babakhani247@yahoo.com

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A Pattern Language

Towns · Buildings · Construction



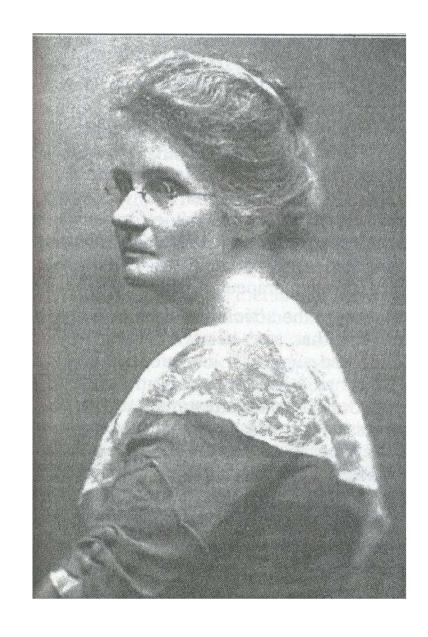
Christopher Alexander Sara Ishikawa · Murray Silverstein

Max Jacobson - Ingrid Fiksdahl-King Shlomo Angel "For about six years I have given close attention to the action of colors in restoring the body functions, and I am perfectly honest in saying that, after nearly thirty-seven years of active hospital and private practice in medicine and surgery, I can produce quicker and more accurate results with colors than with any or all other methods combined—and with less strain on the patient."1

- Kate Baldwin, MD

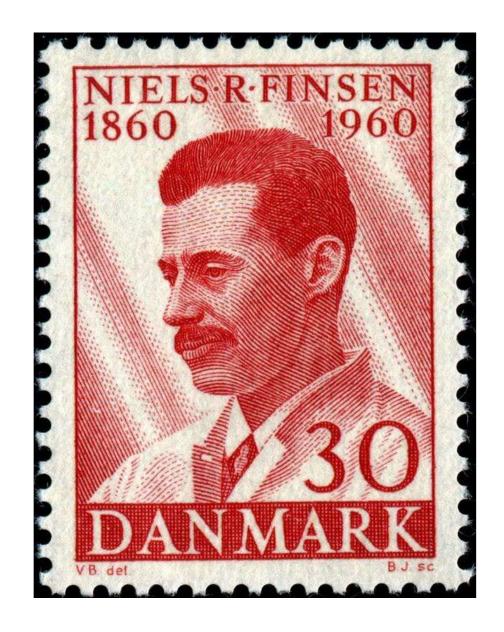
The use of color to heal has ancient roots. Native cultures discovered that the color of plants often determined their healing qualities. For example, blood conditions were treated with red flowers and herbs. Long before modern technology, healers discovered that light coming through colored fabric or colored glass had the ability to speed healing.

Light in the form of specific colors gives our food—vegetables, fruits, herbs—their nutritional or nourishing qualities. Color is the active ingredient in vitamins, minerals and other nutrients in our foods. Research with plants also indicates how colored light affects plant health. By laying specific colors of plastic sheeting on the soil around the plants, pests can be discouraged and plant growth and flavor can be enhanced.2



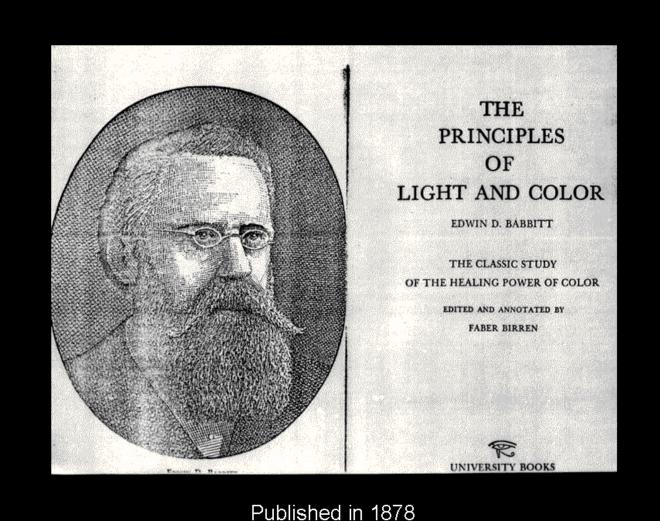
"Specific colors were used to restore health among ancient cultures in Egypt, Greece, China and India. During those civilizations, the windows of healing rooms were covered with cloth dyed red, blue, etc. to capture the healing qualities of color. Later, in the fourteenth century, a priest and physician in England, John of Gaddesden, wrote a treatise on the use of red color to treat smallpox. The patient was wrapped in red cloth and red window drapes were used to diffuse the light. 3,4

Skip ahead to nineteenth century Denmark and the work of Dr. Niels Ryberg Finsen. In 1892, he reported the successful use of red light to prevent scar formation from smallpox. He was honored with a Nobel Prize in 1903 for his pioneering work with light therapy. This time he had successfully healed tubercular skin lesions with ultraviolet light. 5e discouraged and plant growth and



"Across the Atlantic in the United States, Edwin D. Babbitt, a contemporary of Finsen, published Principles of Light and Color in 1878. His work established a firm basis for the use of color therapy. Babbitt's work caught the attention of a young doctor, Dinshah Ghadiali, while he was visiting the US from India in 1896.

On his return to India, Dr. Ghadiali was summoned in the dark of night to the bedside of a woman from a prominent family. Despite an array of medications and the care of a learned doctor, the woman was dying from mucous colitis. She was in great pain and having 50 bowel movements a day. Young Dinshah knew he had to do something different if he was to save her life. After a fervent prayer, Edwin Babbitt's work with color popped into mind.

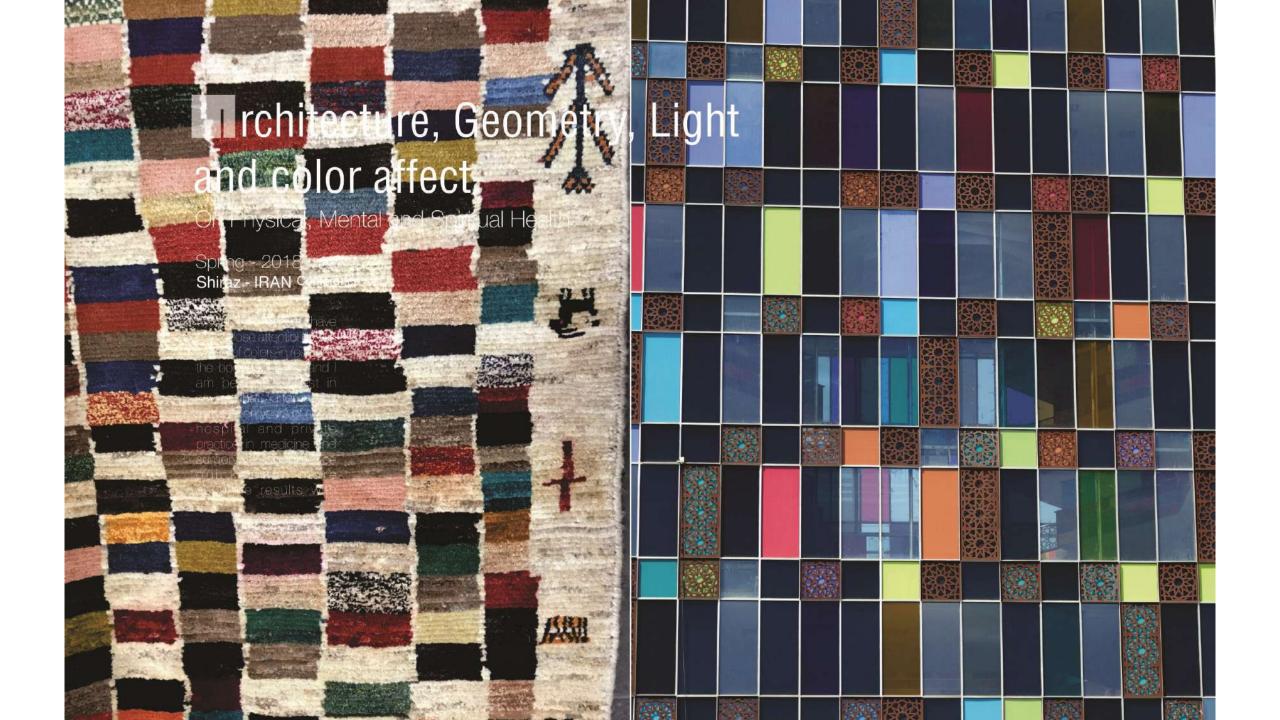




The use of color to heal has ancient roots. Native cultures discovered that the color plants often determined their healing qualities. For example, blood conditions were treated with red flowers and herbs. Long before modern technology, healers discovered that light coming through colored fabric or colored glass had the ability to speed healing. The use of color to heal has ancient roots. Native cultures discovered that the color of plants often determined their healing qualities. For example, blood conditions were treated with red flowers and herbs. Long before modern technology, healers discovered that light coming through colored fabric or colored glass had the ability to speed healing.

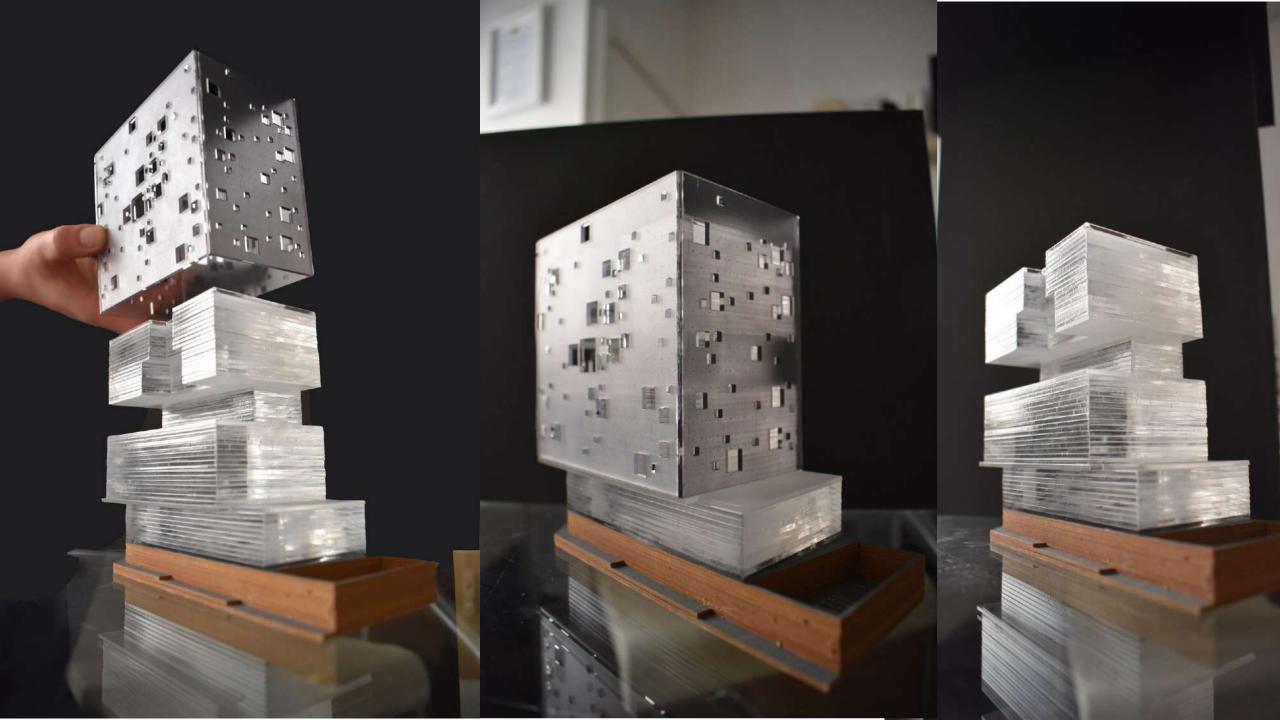
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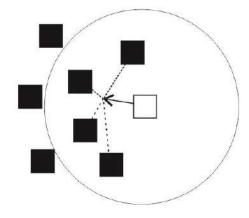


مصادیق ارزش افزوده در پروژه ساختمانی

بيستون يوسف آباد •

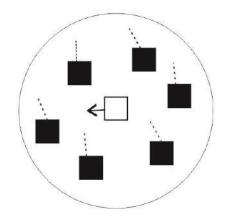






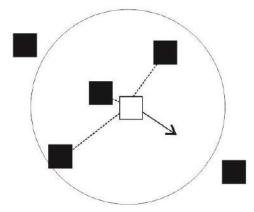
Cohesion:

Steer to move towards the average position of the flock's members.



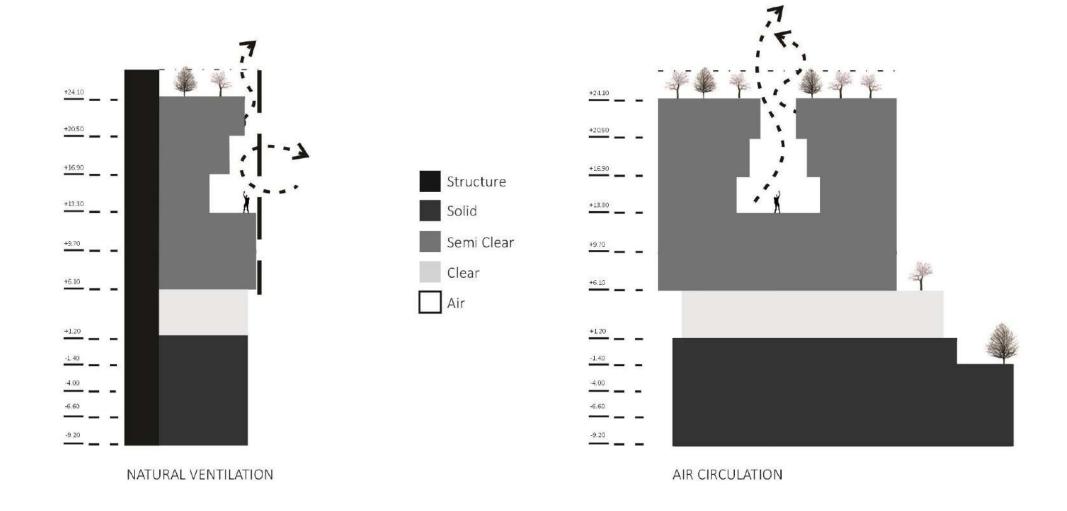
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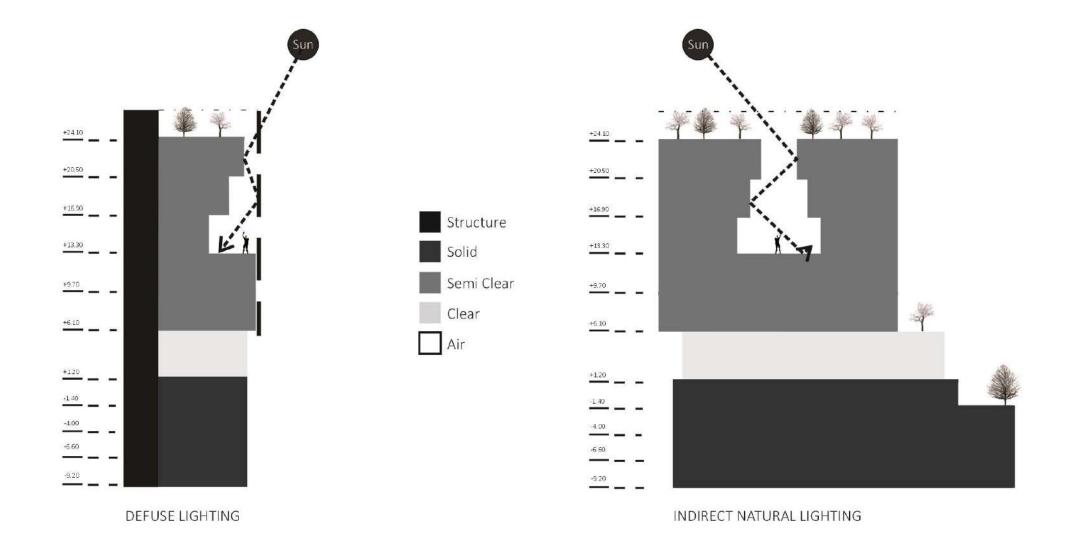
Steer towards the average heading of the flock's members.

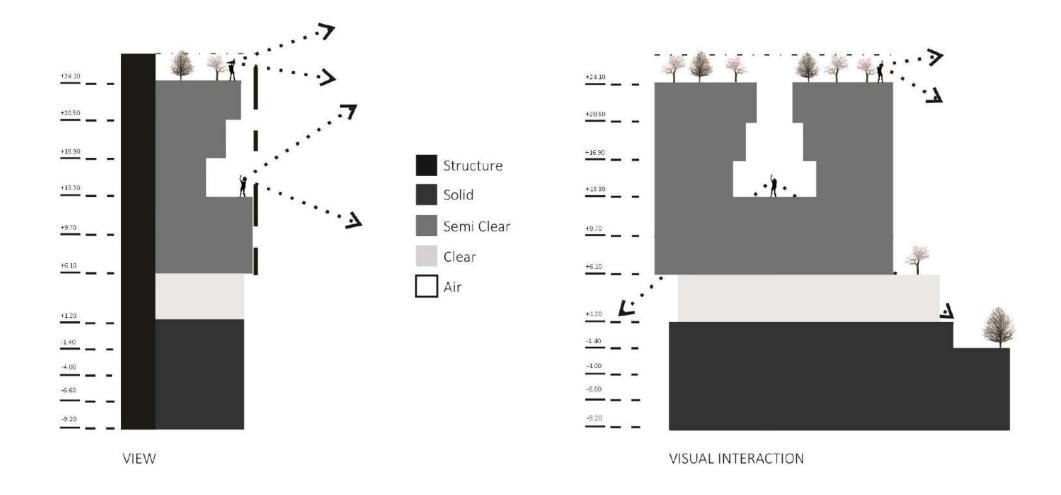


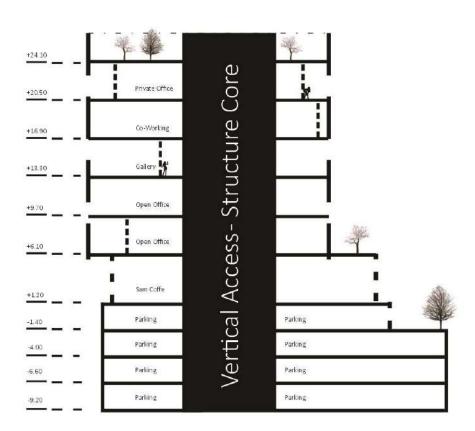
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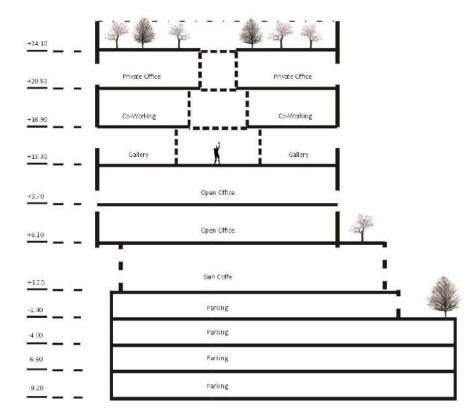
Steer to avoid crowding the flock's members.









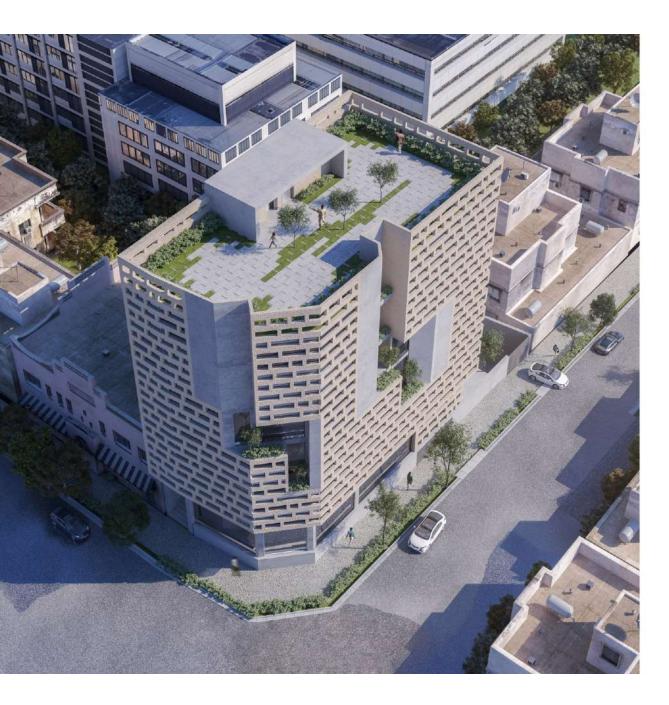


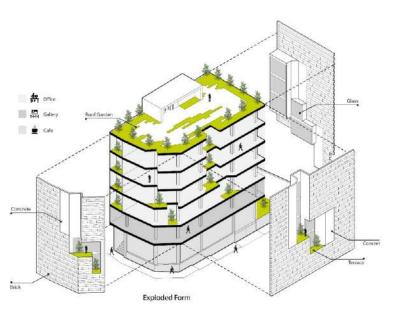
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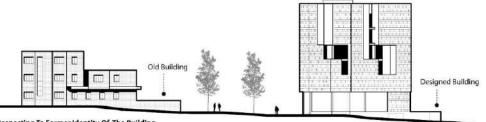




introduction

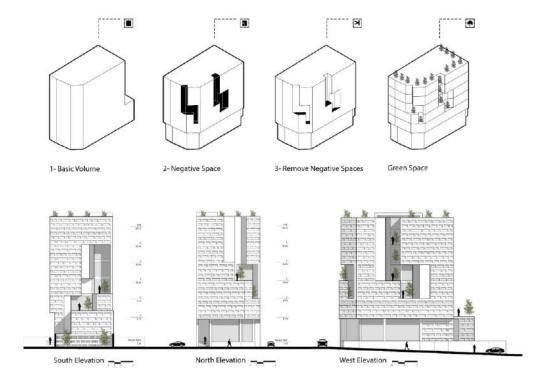
Each architectural project that emerges in the city can cause to special feelings in that area of the city that represents the identity of the project. In this project considering the site and identity of the existing building, we tried to focus on these items below: Developing the culture of impression and mutuality. Paying attention to the materials that are used in existing building and renovating and renovating Iranian architecture in contrast with modernism. Using brick and glass in the elevation showing the modernism and Iranian architecture together. Concrete elevation surface is a metaphor of birth and it's effect on the elevation meaning of modernism paying attention to city identity and history of the city considering regionalism, city and the architecture having communication and we see the effects on the main surfaces, using glass in designing with solid materials shows mobility and can cause some shadows on surfaces. Architecture of lighting and shadows shows itself in this project. Looking back to the historic architecture of Iran and the importance of lighting and shadowing in making the erotic spaces. We focused on designing elevation using economic and available materials with the same strategy as we used in designing the city spaces. Good perspective and developing the quality of negative spaces views. Making the opportunity for green surfaces to be shown considering the safety and plants as symbols in traces. Glassiness and lighting among the privacy because of being in the commercial-residential part of the city. Lighting and shadows with the pore materials focusing on openings and glassiness. Paying attention to find the best circulation in interior designing. Ordering the stores in the best way according to the functions. After investigating and analyzing the functions in the project we decided to set the gallery in first floor instead of the third floor, and because of the short width of the building, we avoided to use transparent surfaces and we used traces with the appropriate length an





Respecting To Former Identity Of The Building

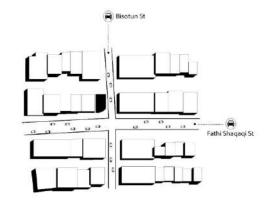
Terrace . Shadowing . Using Break

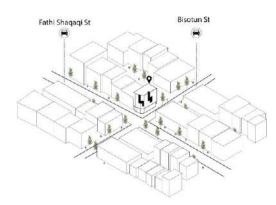






Sky Line

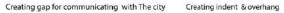




Site Plan

Urbanism Diagram



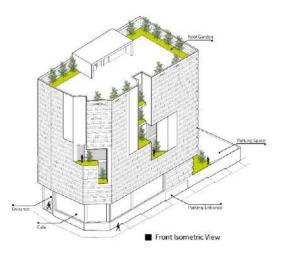


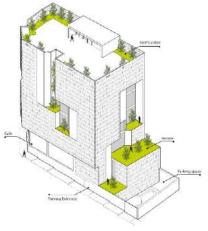




Terrace for Shadowing

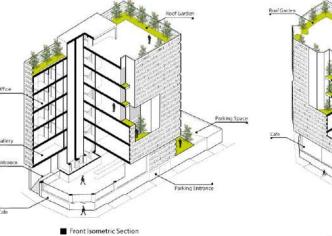


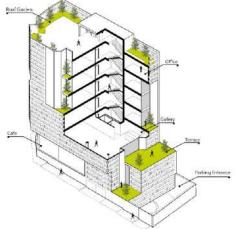




■ Back Isometric View





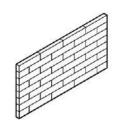


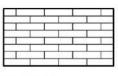
■ Back Isometric Section



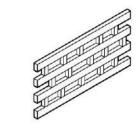














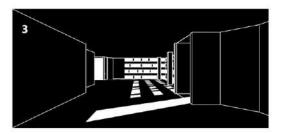
Evolved Pattern

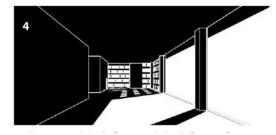




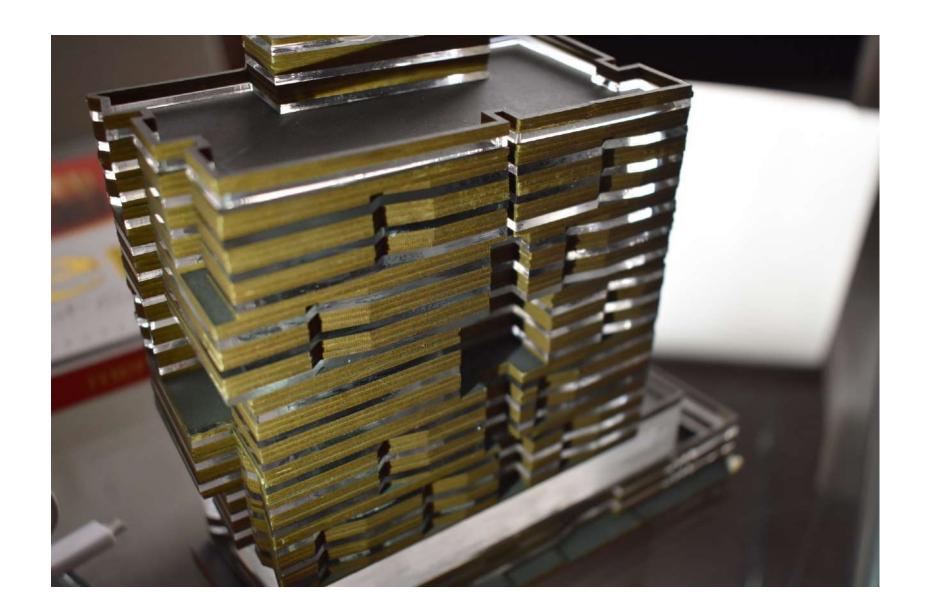




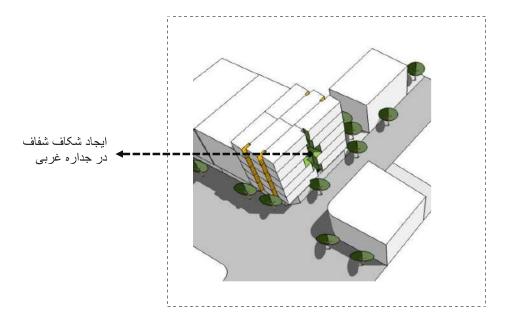


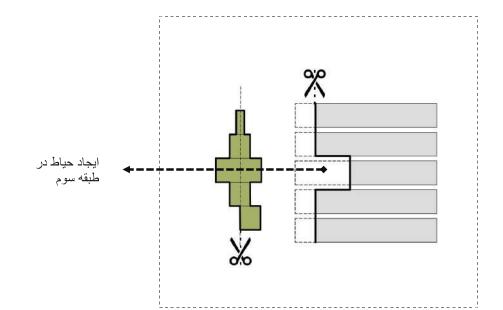


1. Gallery 2. Second Floor | Office 3. Fourth Floor | Office 4. Cafe

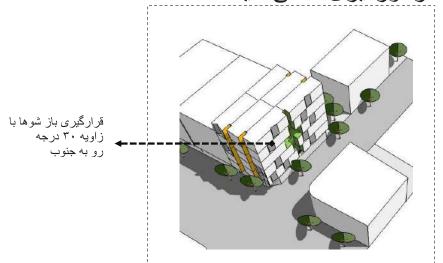


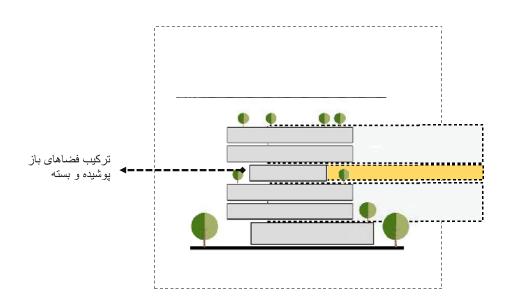
ایجاد حیاط در ارتفاع طبق سطح اشغال





اهمیت امتداد طولی نمای غربی در نورگیری اصلی کلیه فضاها





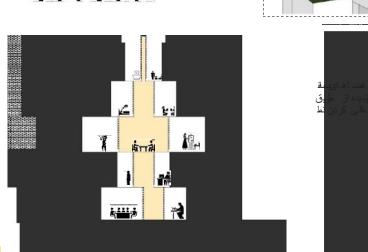






الله الله الله 10+60

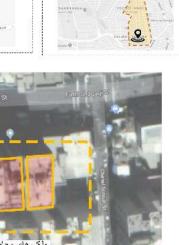
F & C



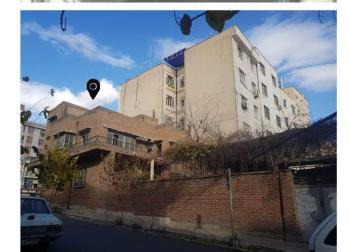


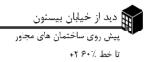












ا اصول طراحی برگرفته از معماری ایرانی

سيدهادىميرميران

صفات معماري ايراني شفافیت، کاهنش ماده و افزيت فضا، سادكي،حركت از کیفیت مادی به کیفیت معنوي یا از ماده به روح.

محمدرضاحائري سوآوری در معمساری ایرانسی

عرضه عمل خود را داشته و دارد بديس معتباكية معمياري در هر دوره ای توانسته است

مقهومــی را دوبــاره از نــو تعریف کنید و مصداق تبازه ای از آن مفهوم ارانه دهد.

به عثابه مغهوم

فرمه نمود عيني مفهوم معماری|یرانے الگو مسسمه نمونه ای برای نکرار چهار عرصه ساختار مسسسه استخوان بندي فرم ، الكو ، ساختار ، مفهوم عقهوم هسسه معنی و سیرت



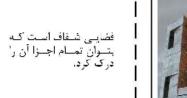
ڊ رٺ



	آينده	حال	محذشنه
عُودَ وِ ماندگارِي بالا	······································		مفاهر
فوذ و مندافاری متوسط			ناخن
فوذ و بركاگاري متوسط			الگر
وذ ۽ ماندگاري پايين			ا أمفاه









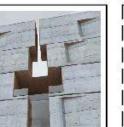






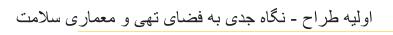
حیاط مرکزی به مثابه یک ساختار

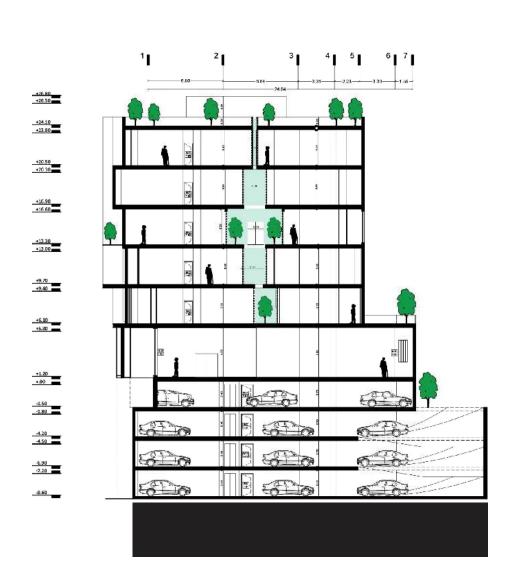






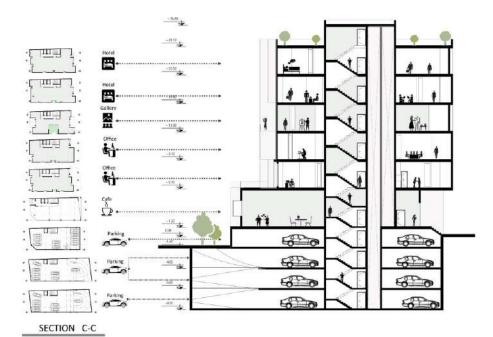


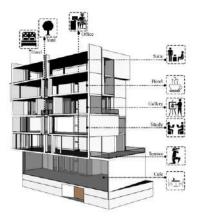


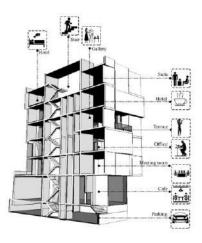














Glass material











Brick material Glass material Brick material





