the incubator

EPsn 467: c. 2

the incubator re_using an abandoned factory in Quarantina

Lea J. Ksayer

To my Jeddo who passed away during the semester,

Thank you for the wonderful memories,

Thank you for the gift of knowing you...

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Acknowledgements

I wish to express my sincerest thanks to:

Dr.Mona Harb, my advisor, for the guidance and the professional support in getting this work done

Dr.Howayda al Harithy and Dr.Abdel Halim Jabr for their constructive reviews and for reading my work

Yves, Mira, my friends and Mohammad

My parents Jo & Bertha Ksayer to whom i owe everything



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abstract

This thesis proposes and architectural intervention as a tool of revival of the abandoned Lebanese industries; not only in relation to their local neighborhoods but also to the city capital's economy. In the late 1960s and early 1970s the Lebanese industry had expanded rapidly, but after the start of the civil war in 1975, the government could no longer afford to try to revive the economy through export subsidies and the producers tended to concentrate on improving profits rather than productivity. The thesis suggests an architectural design strategy for the redevelopment of an efficient and a highly competitive industrial sector, through providing an appropriate environment for encounters and opportunities. The encounter will be that of talents and capital: talents of young ambitious individuals who lack the means to establish their own business, and capital of entrepreneurs who seek an opportunity to initiate private investments.

I focus on one of the multiple areas in Beirut in the process of deindustrialization; Bourj Hammoud, a once booming industrial but now a neglected waterfront. The thesis investigates possible approaches to revitalizing industry; and the more precisely in Bourj Hammoud, grounding my intervention in the urban fabric and the industrial networks of this neighborhood, and proposing new ways of inscribing industry and the manufacturing process in the city.

The design intervention is an incubator; a program designed to accelerate the successful development of entrepreneurial companies through a network of supporting resources and services. Talented individuals will work and display their products in the incubator where their talents would be discovered by entrepreneurs who will subsequently select them as partners for a project investment. The program will be orchestrated by the incubator administrative management and will be open to outside visitors. The incubator will hold various events and performances.

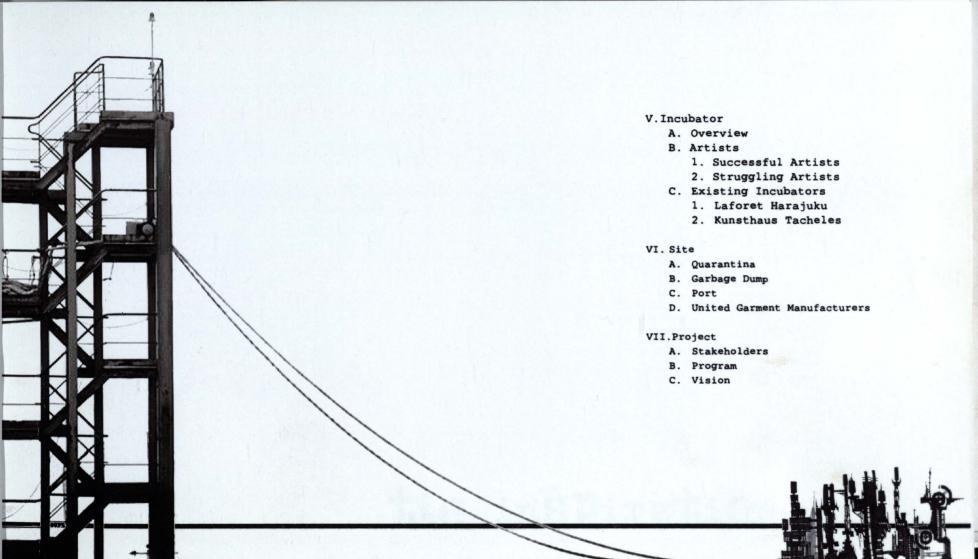
outline

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the inspiration

Coming from a family of industrialists, I have always been fascinated by the process of manufacturing things, by the hectic environment of a factory and the sound of the machines. My father owns a chemical products factory where my curiosity for the world of manufacturing was born. As I grew up, I developed a wider interest in other factories than my father's and started accompanying him to fantastic spaces of industry.

Few people shared my fascination.

Besides the personal fascination, different experiences inspired me, they came in different forms.



In the summer of 2008, I visited a converted factory in Rio de Janeiro, a once prominent factory that molded and assembled safes and stoves.

Adjacent to the factory was the Flying Circus whose members refused the demolition of the factory after its bankruptcy. They started extending their activities into the abandoned building and soon the state granted the Flying Circus the right to remain in the building.

It has now different public functions in it, such as a library, an educational exhibition space, and of course part of the museum is dedicated to the memory and appreciation of the factory.

Industry was appreciated by others after all and the reuse of the abandoned factory instead of demolishing it was a proof !



Funcicao Progresso - Source: Author



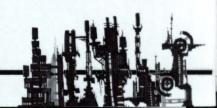
Charlie and The Chocolate Factory

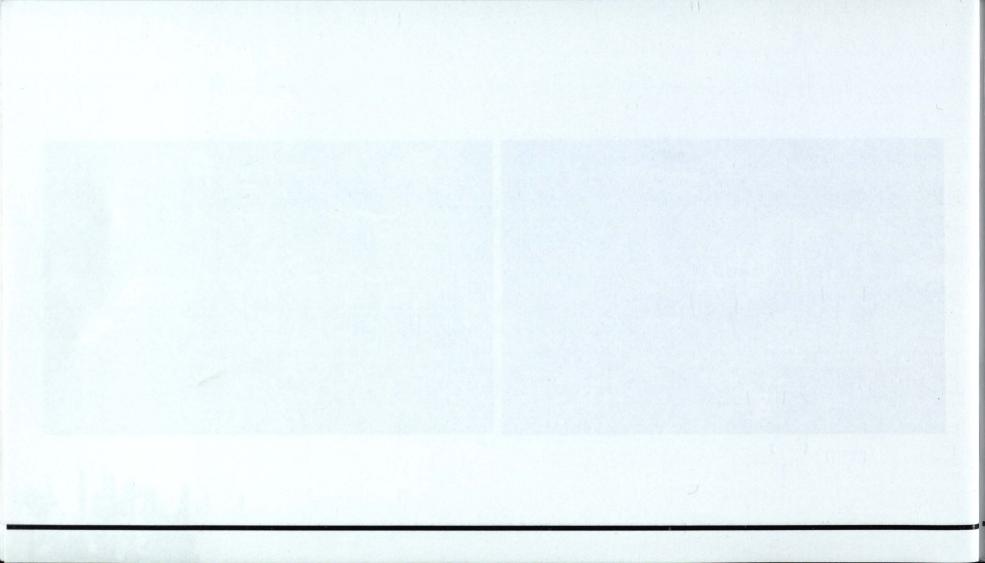
The movie Charlie and the Chocolate Factory also inspired me because of the industrial aspect of it. It starts with a view of the industrial zone, a purely raw area of industry, smokestacks, pipes and metal structures. The inside of the factory on the other hand was a fantasy land; most of which is underground and consisting of winding tunnels with various chambers where different activities happen.

The movie presented the factory as a museum for the children who are touring and as a home for its workers. It depicts another type of factory, one that is triggers the curiosity in its visitors and the wellbeing of its workforce.









Social Encounter

Sitting on the porch of my father's office, I watched the activity down the street. I noticed that the main road in the industrial area also leads to a residential complex and serves as a shortcut to Nahr el Kalb.

This produced an infiltration of the public into the industrial zone and eventually a social interaction. Later, this resulted in the need of benches for the passers by, who now are familiar with the industrialists, to sit and share a cup of coffee with the latter. The mere presence of a bench accommodated for the comfort of the people and the area became a meeting place for different people of the area.



ANTELIAS - BIKFAYA HIGHWAY



DIYARNA RESIDENTIAL COMPLEX



SITTING AREA IN ONE OF THE GARDENS.

"WHEN ITS SUNNY, JAME & THAVE OUR COFFEE IN THE GARDEN OR ON THE BENCHES GUTSOG. BELIEVE IT OR NOT, A LOT OF PEOPLE STOP AND JOIN. ITS GOOD FOR THE BUSINESS TO MAKE PUBLIC RELATIONS."

MR, RAGROURY (INTERVIEW OCT. 28)

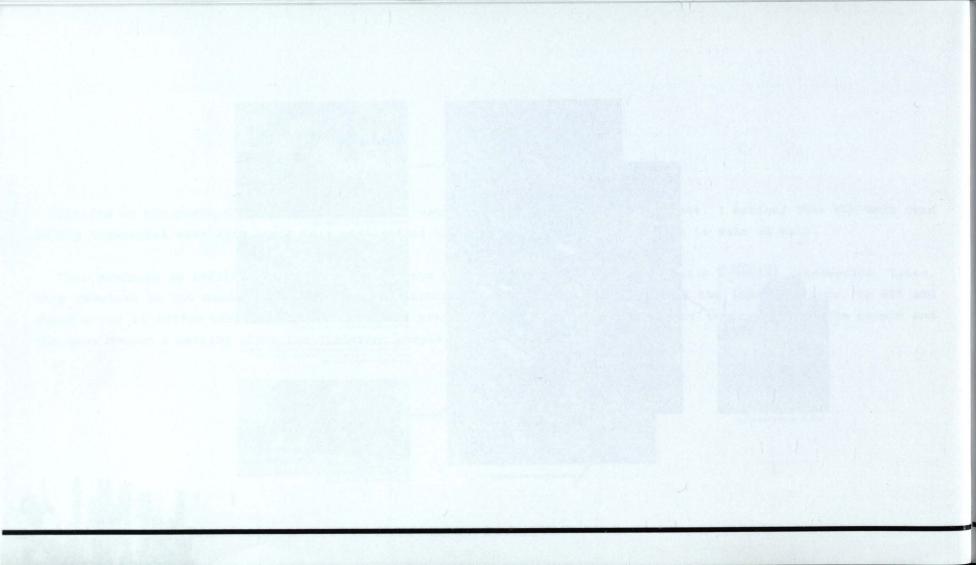


PLASTIC BUCKETS FACTORY

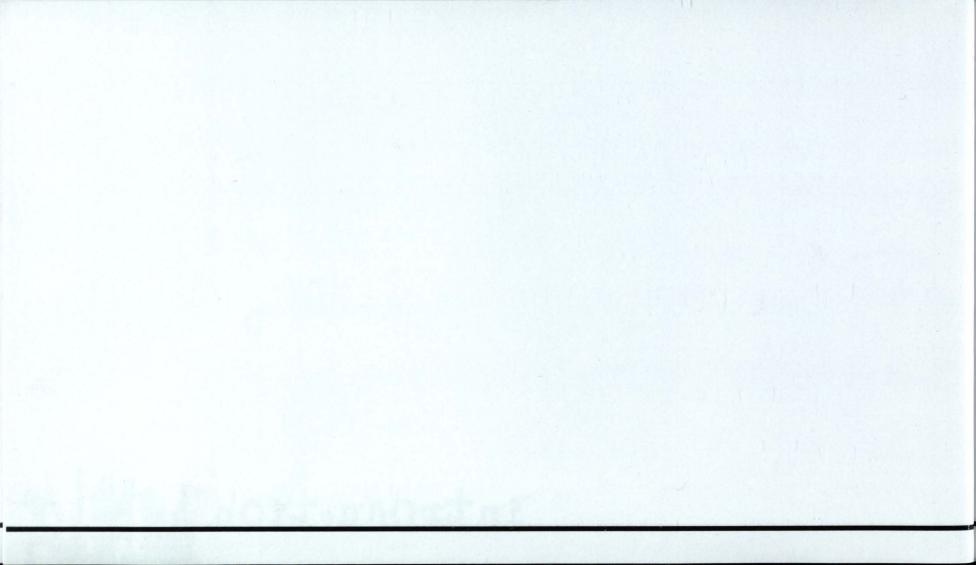


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CHEMICAL PRODUCTS FACTORY



introduction |



research question and analysis

According to the Lebanese Ministry of Environment, the industrial sector in Lebanon can potentially be considered as one of the main driving forces for economic growth, and one of the essential sources for future employment opportunities. Unfortunately, since the mid-1970s, ill-defined industrial zones, an ailing economy, inadequate reforms and future economic uncertainties have undermined the industrial sector. "In 1981 the Lebanese Industrialists Association reported a 25-percent decline in industrial capacity, and more than 70 percent of all industrial capacity was believed to have been idle for at least 500 days during the previous 6 years. Layoffs were heavy; with industrial employment in 1981 about half of what it was in 1974. National Cotton Mill (Filature Nationale du Coton), the biggest weaving and spinning factory in the Middle East, laid off all but 450 of its workers. In Tripoli, Lebanon's largest compressed wood factory was closed in 1981, with the loss of 600 jobs. One of its problems was that it could not compete with the import of wooden products through the illegal ports". Even the events of the July 2006 war resulted in the bombing of different factories who belonged to Lebanese or Arab firms who were competitors of Israeli firms on the Iraqi market.

To this day, and due to various factors, the Lebanese industrial sector is still witnessing a downfall which is resulting in the closing down of many of its once operating factories.

Other still operating factories are also facing different problems that might lead them to closing down in the near future because of cheaper imported products from other countries as in the case of Uniceramic, a factory producing ceramic tiles.

¹⁻ Thomas Collelo ed, <u>Lebanon</u>, a country study, 3rd ed. Washington, D.C: Library of Congress, Federal Research Division, 1989.

On the other hand, there are some factories that are accommodating other functions in order to support their financial crises such as The Silver Factory which is a factory by day and sometimes a club by night.

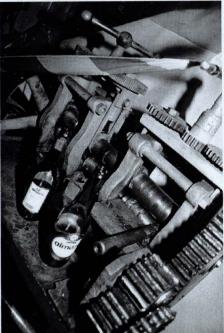




Located in the suburbs of Beirut city, The Silver Factory concept offers an alternative to traditional clubbing.

The Silver Factory is an operating silverware factory that switches into a club at night. The owner of the factory is the DJ hosting these events; he has merged his hobby and profession in the same space at different time.





The Silver Factory - Night photographs

Abandoned factories in Lebanon disperse around them devastated areas and wastelands and are perceived as restricted zones where the public does not enter. The neglected urban fabric has become an attraction to squatters, sub-cultures and artists who have claimed these areas and accommodated art, culture and entertainment functions amongst the industrial ruins.

Beirut Art center

"Beirut Art Center is a non-profit association, space and platform dedicated to contemporary art in Lebanon. The aim of the center is to produce, present and promote local and international contemporary art and cultural practice in a structure that is open and active throughout the year".²

Along with its main exhibition space, the Beirut Art Center includes a screening and performance room, a

Along with its main exhibition space, the Beirut Art Center includes a screening and performance room, a mediatheque and a bookshop. It also organizes regular activities such as lectures, concerts, performances, video projections and workshops. The center is located in an industrial zone in Jisr el Wateh.

The Art Lounse

Located amidst the industrial setting of Quarantina, the art lounge is a gallery and bar/lounge with a permanent exhibition, a bookstore and hosts cultural events, musical performances, and documentary projections of permanent artists. It also has a Flea Market for second hand clothes and fashion wear of young designers.

B 018

B 018 is a music club, a place of nocturnal survival. It is located in Quarantina, on a site that was better known for its macabre atmosphere. The B 018 project is, a reaction to difficult and explosive conditions that are intrinsic to the history of its location and the contradictions that are implied by the implementation of an entertainment program on such a site. It negates the governing post-war reconstructions around Beirut.

The project is built below ground, its facade is pressed into the ground to avoid the over exposure of a mass. The building is embedded in a circular concrete disc slightly above street level. At rest, it is almost invisible. It comes to life in the late hours of the night when its articulated roof structure retracts hydraulically. The opening of the roof exposes the club to the world above and reveals the cityscape as an urban backdrop to the people below. Its closing translates a voluntary disappearance.





B 018 - Photographs

In this thesis I want to explore the role of architecture in the process of revitalizing an abandoned industrial area; and how architecture can act like a catalyst on an ailing neighborhood to become a vitalized one. Hence, my aim is to build a solid understanding and analysis of industrial buildings and areas; how they operate, and then highlight their contribution to economy. The purpose of the thesis is to draw attention to the abandoned industries and to bring awareness on the several opportunities of appropriating them, revitalizing them and potentially invigorating the area around them. The justification behind selecting different case studies, is to show how architecture can give different answers to the same question; different solutions to the same problem.

The area I selected for the study is the Bourj Hammoud coastal industrial area; more specifically the building I will intervene on is an abandoned clothes factory. This area has all the qualifications to be an ideal example for a revitalization project.

I will demonstrate that the area could be awaken from its blackout, and could have its power switched back on by inserting a building whose incorporated activities can serve as a catalyst that will provoke a reviving reaction for the neighborhood and beyond.

cat.a.lyst - [kat-l-ist] - noun
a person or thing that precipitates an event or change

methodology and sources

The theoretical framework of this thesis relied on investigations, interviews, analysis and fieldwork concerning the area of study.

The methodological approach that was followed in this research relied on a detailed site analysis. I relied on what is present and absent on site, to identify the type of potential project I will be designing. Then I analyzed the operating stakeholders in the area, identified their needs to help form a well defined, grounded, and justifiable program that responds to them.

The facts and statistics I provide in this study are from interviews I have conducted with different people who are concerned with the Lebanese industrial scene such as industrialists, workers, ex-factory owners, and representatives from the Lebanese Ministry of Industry.

Facts

According to the Ministry of Industry (MoI), a detailed description for the industrial sector cannot be established due to the lack of updated information. This shows that the industrial sector in Lebanon is not well monitored by the government and that there is obvious corruption in the sector. Many factories are built in non-industrial zones and without any legal paperwork.

In addition, the survey conducted by the MoI shows that 69.9% of the 22,107 firms employ less than 5 workers (per hour workers); while firms employing more than 10 employees represent only 9.5%. This clearly identifies that the type of industry that is prevailing in Lebanon is light industry and is a sign of weakness in the industrial sector. The fact that the industrial sector represents 17% of the Gross Domestic Product, with the awareness that there is a room for improvement and development, proves again that industry does not contribute to the economy as much as it should, given the potential that that it could achieve. "Furthermore, if we categorize the industrial sector, we will find that 20.2% of the production goes to the food and beverage industry, 16.3% for furniture, 13.9% for metal products, 13.6% for clothing and 6.6% for wood products. Yet, these productions represent only 71% of the total industrial sector. The remaining 29% are concentrated on other manufacturing products such as chemical based products such as paint, waterproofing, cement, plastic buckets and bottles; but employ 40.4% of the labor force of the industrial sector and generate 48% of total industrial output".

Geographically, according to the surveys, 70% of the industrial firms are located in Beirut and Mount Lebanon, while only 4% in Nabatieh, 6% in each of Bekaa and the South.

^{3-&}quot;Action Plan for the Development of the Lebanese Industry".

Ministry of Industry. 1999. http://www.industry.gov.lb/> (Nov 2008).

Problems and challenges of the industrial sector

INTERNALLY

_Recession

_Lack of industrial investments

_High costs of production (raw material, power, etc.)

_Low quality of products making them more difficult to penetrate foreign markets

_High transactin cost, leading to increase in opportunity cost (time,money)

_Lack of resources at the Ministry of Industry essential for proper management of the sector.

EXTERNALLY

_Strong international markets competition

_High competition in the FDI markets

_Increase in regulations, resolutions and standards codes after signing trade agreements with Arab countries. Based on these facts, we can make a conclusion as follows:

_Small size of the industrial firms

_Labor intensive production/investment

_Salaries represent a big share of the total expenditures

_No diversity in production

_Family business predominance, with monopolized decision makings

Association of Lebanese Industrialists

Both the Association of Lebanese Industrialists and the Ministry of Industry are concentrating on enhancing the productivity of industries in general which will possibly result in eliminating the problems and challenges faced in the industrial sector.

"The Association of Lebanese Industrialists founded in 1943, is a Lebanese economic organization grouping industrialists from all Lebanese region in a concerted and balanced effort at promoting and developing industry in Lebanon".4

It seeks to create and maintain an environment which is favorable to industrial investment, growth and development. Considering that industry in Lebanon, except for cigarettes manufacturing, is purely private, the Association's role becomes even more significant.

The association helps the industrial sector by promoting it and by encouraging the Lebanese citizens to buy and consume local products. Its main concerns are similar to that of the MoI, they both seek to:

- Promote industrial investment
- Improve the quality of the Lebanese production and its competitive edge
- Develop exports
- Strengthen institutions

Yet the difference between the two is that the Association of Lebanese Industrialists is operated and managed by the industrialists themselves. There are different committees that work on different tasks and organize events, fairs and exhibitions. The Association of Lebanese Industrialists also seeks to upgrade the standards of manufactured products in order to meet foreign standards and thus widen and diversify the route of exportation.

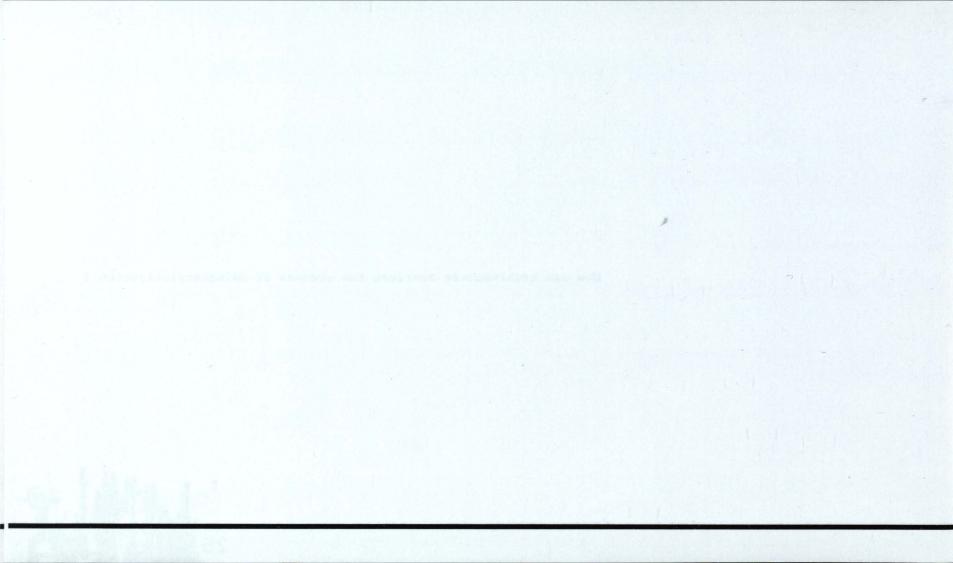
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LOUDING TO

How can architecture overturn the process of deindustrialization ?



revitalizing industrial buildings

Following the facts and information provided previously, I will explore different ways of revitalizing an industrial building through architecture and the latent impact of the rejuvenated building on the industrial area surrounding it.

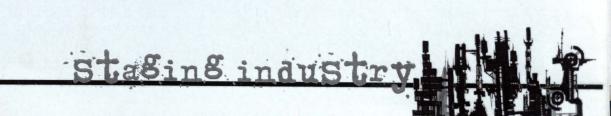
In order to better understand the manifestation of the revitalizing scenarios spatially, I will present different case studies.

There are several architectural and design based approaches to revitalizing an industrial building or resuscitating it. I have categorized them in three main categories:

Staging Industry

_Converting Industry

Hybridizing industry



Die Glaserne Manuraktur - Dresden [2002]



The factory adopts a new definition where it is not only a place of manufacture but also a staged display for the manufacturing process.

The process becomes an exhibited museum where the production progression is viewed as a performance for curious minds.



Car Display Tower

The factory envelope is made almost completely of glass making the whole manufacturing process staged for visitors to observe; it accommodates nearly 250 tourists daily. The architectural language of the building allows for such a program to take place.

The transparency of the building permits visual continuity from the outside in. From the outside one can clearly see the assembly process of the Phaeton car. The assembly process is limited to the assembly of prefabricated individual components. The previously fabricated parts are transported in the Volkswagen freighter tram from different parts of the country. A visitor in the factory can see the process from start to end. From the street one can observe the body-work of the car before it enters the assembly line presented showroom-like in the glazed body-warehouse.

Each car is individually hand built; all the parts and components needed to construct that specific car (the Phaeton model) are picked ahead of time in the logistics center, and loaded onto storage modules. There are two visible storage modules, one in front and one behind each car.

The Phaeton is assembled on two levels. The key component in the assembly process is the fish-scale production line, a rotating elevating platform that moves the body shell into various positions and heights on each fish scale. In the same way the finished models are stored in the completely transparent car tower before being handed over to the customer.

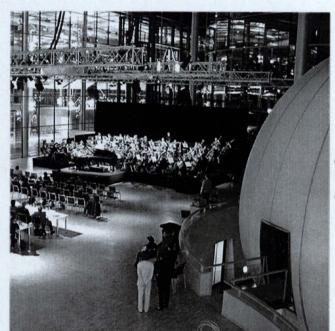








VW Assembly Process



Orangeries are usually buildings in which oranges and citrus fruits are cultivated during the winter. They soon became a kind of glass gem in numerous castles and were often used for celebrations.

The Orangerie



Virtual Production Room

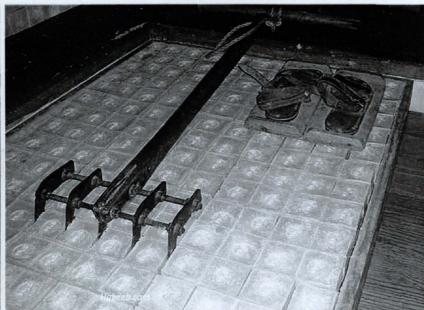
The Virtual Production Room is a dome shaped structure in which one can learn the car manufacturing process.

The touch pads allow for the visitor to choose what chapter of the process he wants to know about as well as other commands. The screens show the process from raw material to a final product. It consists of a virtual tour through all the Volkswagen factories.

Foundation Audi - Saida

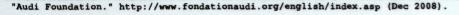
Foundatin Audi is a thematic soap museum. It traces the history of soap making in the region, its development and manufacturing techniques. It also stages the production of traditional olive oil soap for tourists and visitors who can also learn about the history of the "hammam" traditions. The Museum building is an old soap factory built in the 17th century, although containing parts thought to date back to the 13th century, and was restored by the Audi Foundation before officially opening to the public in November 2000.



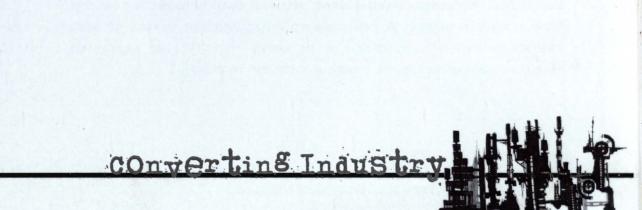


The Audi Quarter comprises the old Audi dwelling, a soap museum, a coffee shop, and a boutique that sells toiletries and artifacts.

Audi Foundation - Soap Manufacturing







Generally, the reuse of a building is in response to the scarcity of floor space and the difficulty of spreading outwards. When confronted with a simple, derelict factory, the question of conserving or demolishing arises. The reutilization of buildings has important environmental, social and economic advantages. Recycling is a fundamental act in establishing sustainable development. "One of the most important benefits of reusing an old building is the retaining of the "energy within", in other words, the energy involved in all the associated processes when building (sourcing raw materials, manufacturing of materials, and equipment) and also after it has been occupied. The energy involved in the life that is not absent." A project of building reuse is more sustainable and ecological than any other new construction project, and more cost efficient in the long term.

Socially, the adaptation of abandoned constructions generates dynamism, small concentrations of urban reorganization and an attractive visual variety. Sometimes a conversion project is also a way of conserving industrial heritage, archaeology or even past industrial memory.

"Industrial archaeology consists of expanding the vision of historic preservation to include sites, objects and structures of industry. It is about revitalizing depressed industrial districts and moving them from being a manufacturing to being a service economy".

Converting industrial buildings thus, is achieved through substituting the income generated by industry by another type of income by adapting the building to accommodate another use and by preserving the physicality of the structure. Restoring and exploiting former industrial sites for touristic or other purposes is regarded as a useful strategy for regional renewal.

Lingotto - Torino - Remzo Fisno [1989]

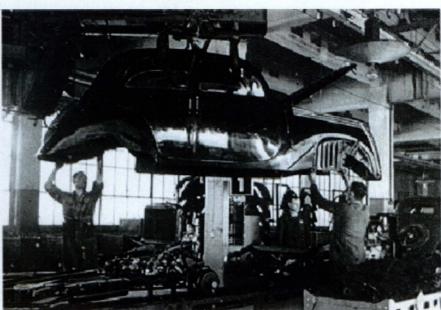
Once a huge car factory for FIAT; the building was designed by architect Matte Trucco in 1916. It consisted of five floors, with raw materials going in at the ground floor, and cars built on a vertical line that went through the building. Finished cars emerged at rooftop level, where the test track was. The factory was planned so that executives could drive around the building and monitor the production process without getting out of their car, taking the drive-in principle further than ever before or since. The factory became outmoded in the 1970s and the decision was made to close it in 1982. The closure of the plan lead to much debate about its future, and how to recover from the industrial decline in general.

An architectural competition to restore the factory was held, and later awarded to Renzo Piano. The old factory was converted into a multi-purpose facility with an exhibition hall, conference center, hotel, theater, as well as the FIAT headquarters. The work was completed in 1989.

The conversion of the building was very delicate; it addressed the historical significance of the building and its monumental aspect. The building skin was preserved where the only noticeable additions to the building from the outside are two "alien" objects that we superposing the building, La Pinacoteca and La Bolla.

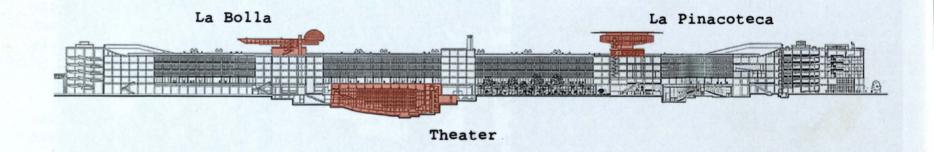


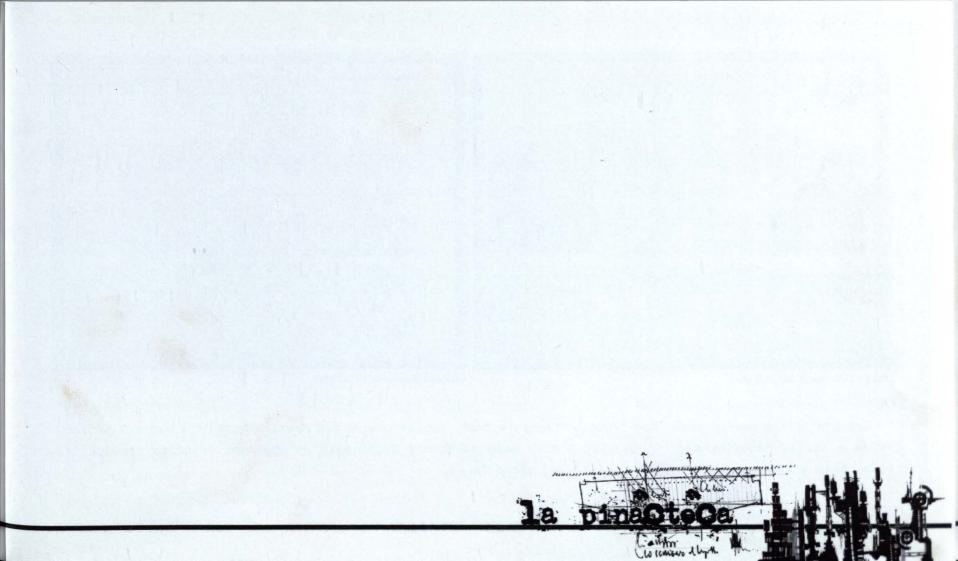
Test Track Sketch

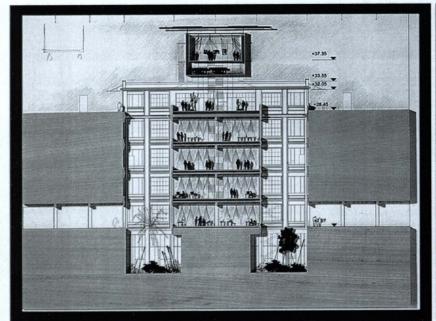


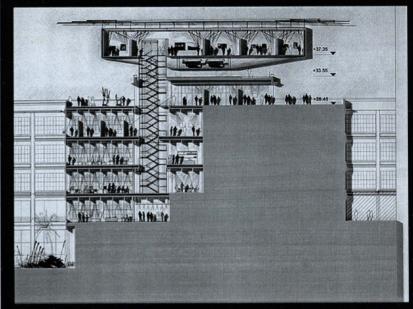
Car assembly in Lingotto







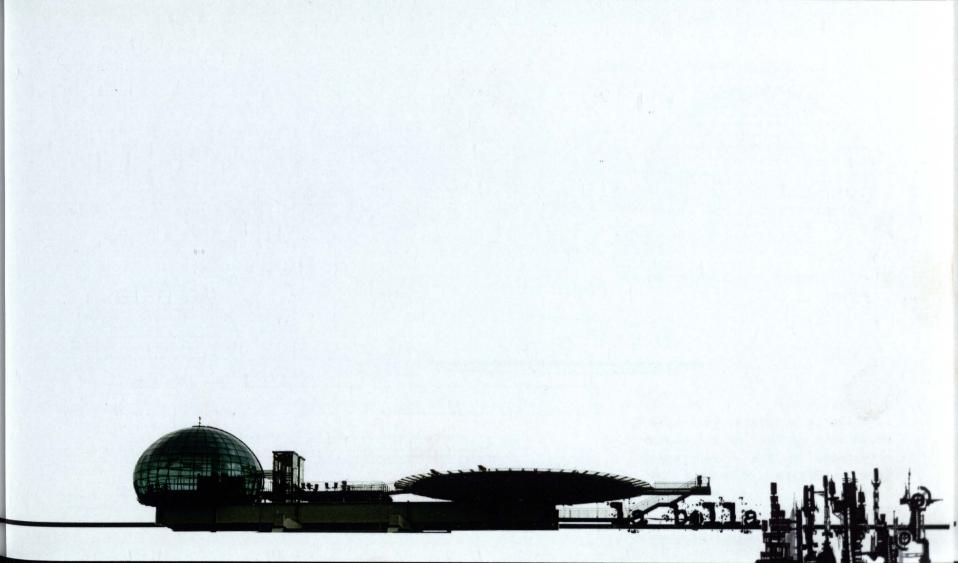


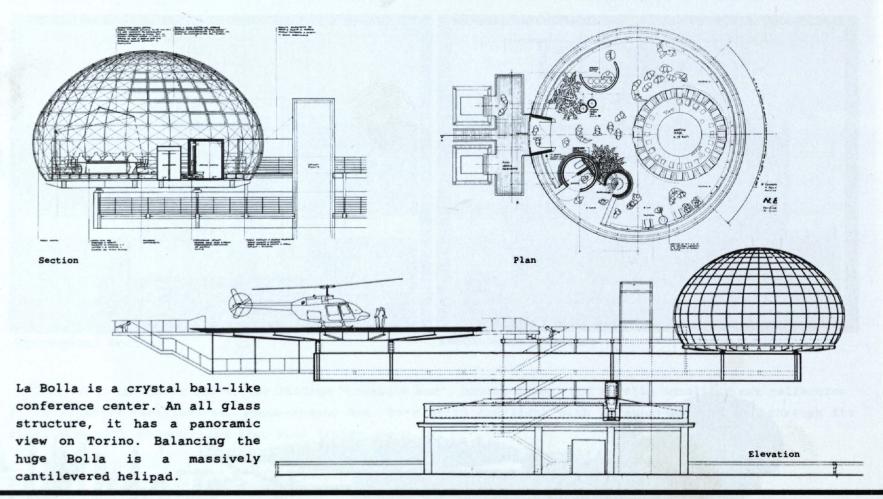


Transversal Section

Longitudinal Section

Located in the north tower, the 2800sqm "treasure box", houses Gianni and Marella Agnelli s art collection. It is a partly cantilevered, wedge-shaped box, both solid and light with no apparent openings through its steel skin with an oversized flat roof flying above it.



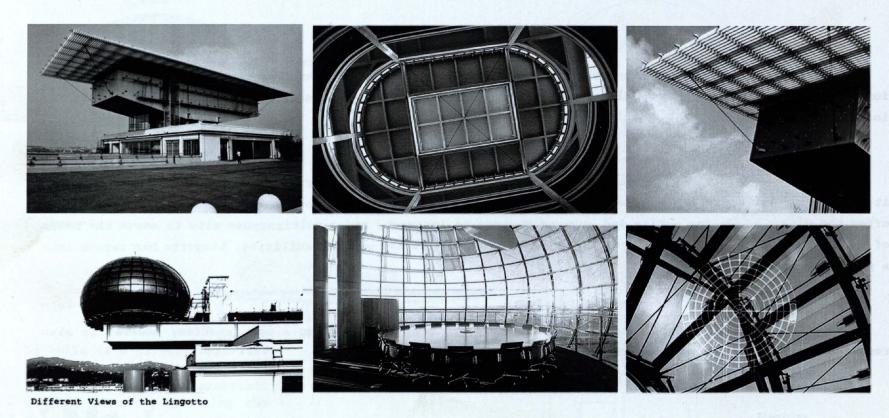


A third addition to the building is a theater, which is not visible from the outside. The space allocated for the theater is underground, the ground floor and basement were carved out to insert the new function inside.

"The project consisted of radically transforming Lingotto without betraying the spirit and intended use of its premises, while preserving the overall architectural character and monumentality. The conversion would offer the city a place for public and private sectors to interact, and a multipurpose site to serve the needs of research, learning, culture and technology. By creating the new public facilities, Lingotto has turned into a piece of the city".

Thus the conversion of the factory contributed to the economy by adding a new function; however it also remained faithful to the essence of the factory.

Pictures - [tinsotto]









La Pinacoteca

Ramp

ZKM - Karlsruhe - OMA [1992]

Located in a converted ammunition factory in Karlsruhe, the building houses "a large number of different programs in such a way that while their particular needs are respected, their coexistence insures maximum mutual influence; their interface generates hybrid condition".8

- 1.Laboratories for sound and image, media theater
- 2. Media museum
- 3. Museum for contemporary art
- 4. Library
- 5.Lecture hall and other facilities that are stacked in a single 'tower' its lower half productive spaces, devoted to research; its upper half concerned with display.



Interior View - Courtesy of Proff. Abdul Halim Jabr

"A public circulation system snakes around the core, invading it at strategic moments in a continuous unfolding of the center's activities".

It is a spacious space where visitors can attend events and tours, or view public exhibitions. The Center is a platform for experimentation and discussion, with an atmosphere that allows the active participation of visitors in working towards the future and engaging in different ongoing debates.



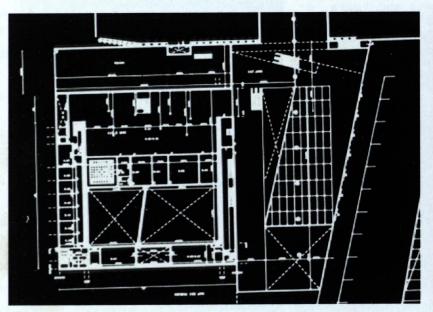
Exterior View Source: Courtesy of Proff. Abdul Halim Jabr

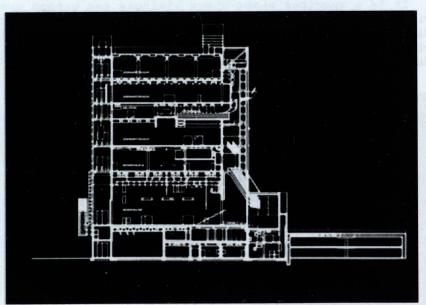


Interior Staircase and Trusses



Interior View of Lighting





Plan

Section

Hybridizing industry

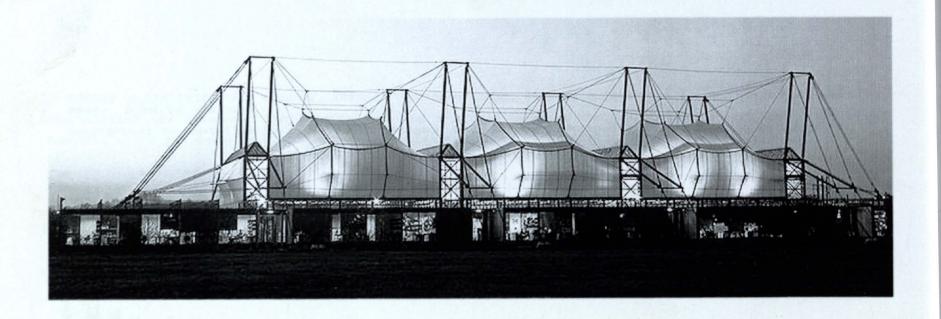
Adding to the industrial economy, another type of economy, such as consumerism or tourism based economies. Revitalizing the abandoned facility by creating a hybrid program that combines industry and a new added function where one feeds on the other and supports the other (financially, programmatically etc.).

Hybrid - hy.brid -noun anything derived from heterogeneous sources, or composed of elements of different or incongruous

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Schlumberser Research Centre - UK - HOPkins [1992]

"A rare combination of intellectual and industrial functions in one building for oil exploration and drilling technology".10



The Schlumberger Cambridge Research Center facility is a unique elevated structure "with a subtle relation-ship between form and function". The building was completed in 1985 and the smaller second phase was opened in 1992.

Under the fabric roof are two main spaces, the drilling-rig test station and the social space known as the winter garden. "They both benefit from the roof form, the workshop because it needs height for drilling and the winter garden because its light and shape gives it the character of an outdoor space, while protecting it from the weather". 11

Poles and cables also used for suspension bridges are used for holding the covering fabric that is made of Teflon coated glass fiber. The mat is not insulated and transmits about 13% daylight. The central span of the building is 27 meters wide and sided by two rows of glass walled research offices.

"Beside these main spaces are layers of smaller ones in two independently structured wings; monitoring and planning rooms look into the workshop, and small private offices line the outside face, where they enjoy views over the landscape. Weaving the spaces together is a network of circulation and informal meeting spaces, encouraging that vital casual contact between colleagues within a scientific community". 12 The building is not purely industrial, the research centers allow for more public access to the factory.

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¹¹⁻ Hopkins Architects

¹²⁻ Simon Glynn, Schlumberger Cambridge Research Center, UK, 2002, 23 Jan. 2009, http://www.galinsky.com/buildings/schlumberger/index.htm

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thesis statement

In the project following the study, I seek somehow to implement the three revitalizing scenarios in one building, an incubator. In my opinion, an incubator is a suitable architectural intervention to help aid the ailing industrial area such as Bourj Hammoud's Quarantina, an area with many interesting aspects and a land of opportunities that is being pulled down along with the downfall of industry.

The building will include a new type of factory, a factory that is not only a place for manufacture but also embraces other functions such as exhibitions, workshops, performances, in addition to business related activities. The manufacturing space is not intended for one specific product but it constantly shifts itself depending on its users. This constant change will be manifested in the use of various adaptable and flexible architectural systems.

The incubator will serve as a trigger for industrial activity and a catalyst for urban regeneration. It will be self-promoted, and will include the appropriation of an abandoned building in Quarantina and its conversion into an incubator. The incubator will be a place of empowerment for young artists and will cater for their needs. They will use the facility provided to work and exhibit their products for a potential industrialist or entrepreneur to sponsor them.

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incubators.

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INCUBATOR in-cu-bator [in-kyuh-bey-ter, ing-] -noun

- 1. an apparatus in which eggs are hatched artificially.
- an enclosed apparatus in which prematurely born infants are kept in controlled conditions, for protection and care.
- an apparatus in which media inoculated with microorganisms are cultivated at a constant temperature.

Control of the Research destruction of the control of the control

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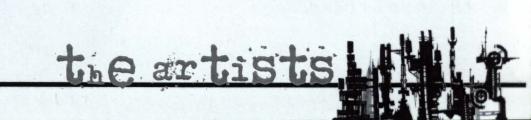
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The Development of the City is the Development of the People...

An incubator is a facility designed to assist businesses to become established and sustainable during their start up phase. Incubation involves the entire city through a system, established to foster designers who cannot move forward due to lack of funds and/or experience, the incubator will support and foster numerous locally produced brands and creators.

The main goal of most incubation programs is to create companies or private investments that contribute to the economy. They foster the development of entrepreneurial companies, helping them survive and grow during the start-up period, when they are most vulnerable. Incubators vary in the way they deliver their services, in their organizational structure, and in the types of clients they serve. Successful completion of a business incubation program increases likelihood company will stav in business for the long term. that start-up the "Historically, 87% of incubator graduates stay in business".13

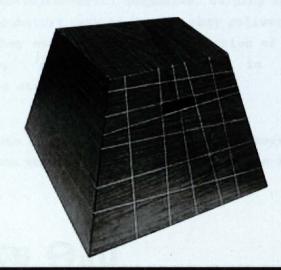
Few Lebanese artists have succeeded into having their own private businesses, however, most of them needed to gain experience and practice outside of Lebanon where greater opportunities can be seized.



Nada DebS - Furniture Designer

Nada Debs started has a Japanese background; she used her previous experiences and the acquired minimalist values to reinterpret traditional decorative Middle Eastern design. She has again transformed an ancient craft to create chic, contemporary furniture. The combination of disciplines creates pieces with clean lines while the unexpected use of a variety of mediums has become the epitome of her design.





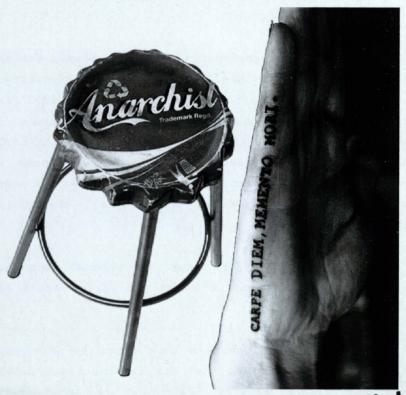


Hady Beydoun - Tettoo / Airbrush Artist and Furniture Designer

Hady Beydoun is a multi-talented artist; graphic designer, illustrator, air brusher and he is also famous for his tattoos. He started on textile since the age of 14, during the war in 1988.

Beydoun travelled to the United Kingdom where he has closely observed other artists and their different styles. This experience subjected him to different styles and approaches to the type of art he produces. The foreign experience also helped him create his own style. After coming back to Lebanon, he became one of the most renowned artists in Lebanon. Nowadays, he is often booked for big events to airbrush various designs on murals or canvas.





Elie Saab - Fashion Designer

"In 1982, Saab launched his own Beirut-based fashion label when he was 18 years old. Saab is self-trained. In 1981 he moved to Paris to study fashion. In 1997 Saab was the first non-Italian designer to become a member of the Italian Camera Nazionale della Moda, and in 1997, showed his first collection in Rome. He became an overnight success after he became the first Lebanese designer to dress an Oscar winner, Halle Berry, in 2002".14

His main workshop is now in Lebanon but his opportunities he gained in Milan and Paris pushed his label further up.

The fact that his success came after he dressed a Hollywood actress proves that his international public relations played a major role in his achievement.



Other equally talented artists are still struggling to have their own businesses in Lebanon but always seem to remain in the shadows of the more powerful and successful.

The incubator will accommodate these artists to facilitate their journey to success.

reter N. - Jewelry Designer

Peter is a twenty year old talented jewelry designer who works in a 5m² workshop in Bourj Hammoud. He left school at an early age because of dyslexia. However, he is very talented in sketching jewelry.

He has been selling his designs to the major jewlers in Lebanon for two years but the pay is very cheap. His aim is to open up his own workshop, but he lacks the financial means to do so.

Hiba H. - Fashion Designer

Hiba H. is a twenty five year old fashion designer who also lacks the means to open up her own workshop and employ helpers. Instead of a fast production and selling process, each item takes her months to finish on her own, and the end product is expensive knowing that the name on the tag is not worldly renowned.



Joanna B.D - Handhas Maker

Joanna is a handbag maker, she has been designing and sewing bags for 7 years but canot afford employing any helpers because she does not have any fixed income per month that will ensure the employees getting paid. She participates in different events and sometimes sells her bags in the sunday market. She has the talents, the creativity and the skills; all she needs is capital for investing in a business.

Maher J . - sandat Maker=

Maher is a sandal maker, he makes sandals out of leather and used tires. Unfortunately, he cannot take the risk of working on a whole collection of sandals with different sizes for each model because it is a time consuming and expensive task. If he spends the only money he has on a risky investment, he might lose it all.



Anthony A.N - Musician

Anthony is a 23 year old musician, he plays the guitar, the drums, the piano, and the harmonica. He is part of a band, that has been practicing and performing in small parties for years. All the members of the band are working part time jobs in order to raise money for their album but still cannot afford to pay the record company. They have been sponsored by some small local companies, but still need much more capital in order to reach their goals.



Anthony (drums) and his band practicing at home. - Courtesy of Anthony A.N

incubator case studies

Laroret - Harajuku - Japan

Laforet in Harajuku is a department store and museum. It offers a workshop space for young fashion designers; though it does not just rent out retail spaces it nurtures creators by exhibiting their works in a form of a department store that is open to the public like any other. It has been successful at bringing out the appeal of the town of Harajuku by constantly offering fashion cutting-edge information. incubating young fashion creators and a large number of entrepreneurs, and producing events. range



Incubator Artist



Fashion Designer at Laforet





Kunsthaus Tacheles - Germany [1907]

The Kunsthaus Tacheles is a former department store which now houses a self-organized collective of artists. The building was constructed in 1907, one year later it was housing several small businesses. The building complex accommodates several small businesses. In 1908 it filed for bankruptcy and in 1909 it was opened as a new department store which operated until 1914. "The building was auctioned off shortly before World War I. In the early 1930s, the building was increasingly used by Nazi party members. In 1943 the French war prisoners were held in the attic.

The building was heavily damaged during World War II, though a large portion of the building survived intact. The building was partly demolished in 1980 while the rest of it was planned to be demolished by 1990. The demolition was prevented and the remaining part of the complex is what is used today. The Kunsthaus Tacheles is an art center and also includes a nightclub that was inaugurated in East Berlin after the Berlin Wall came down in the spring of 1990. Tacheles is a large 9000m² building in the district known as Mitte. The exterior of the building was damaged from shelling in World War II, and much of the damage was never repaired". 15

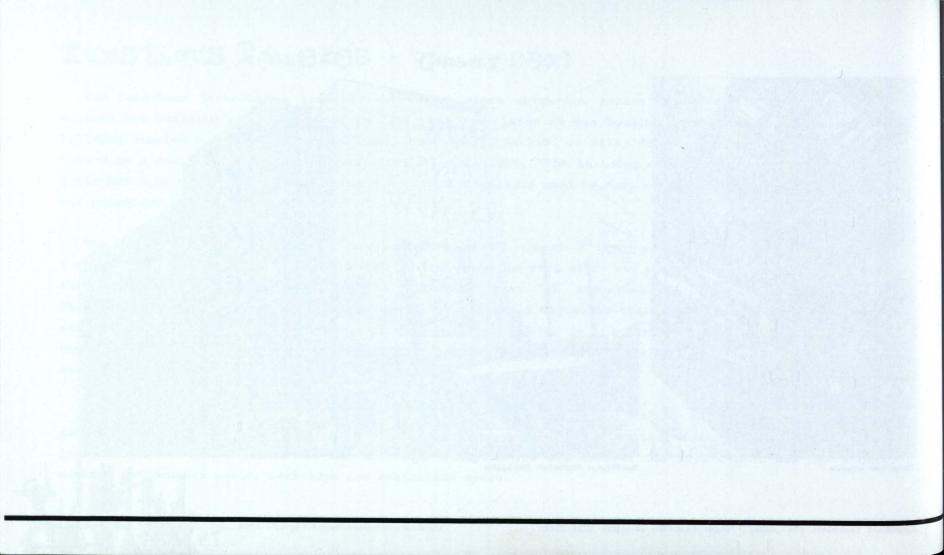
The partly demolished building attracted various sub-cultures and squatters and later became an artist center that provided both housing and work space for its artist residents. A number of international artists, performers and musicians occupied the art centre. The arts center now has a cafe, cinema, performance space, workshops and exhibition space.



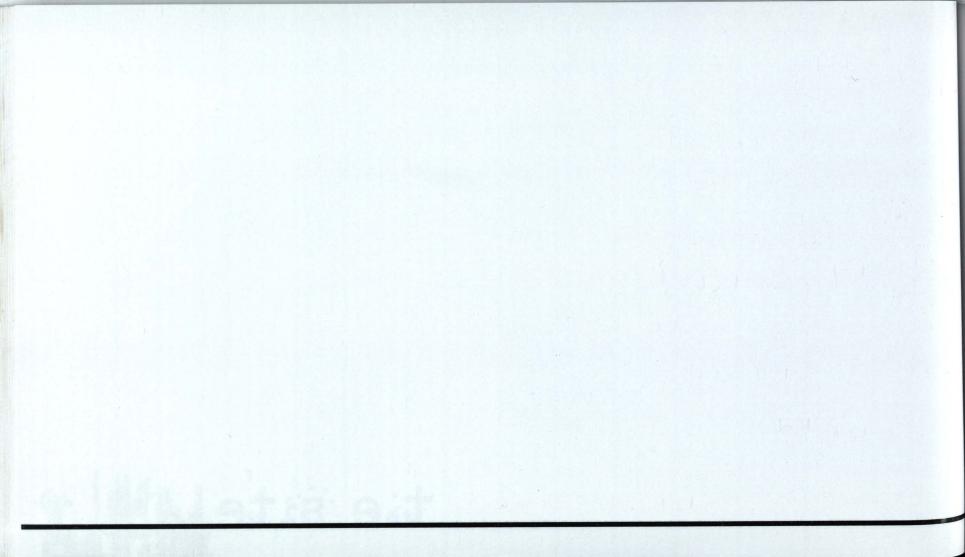
Interior stairs



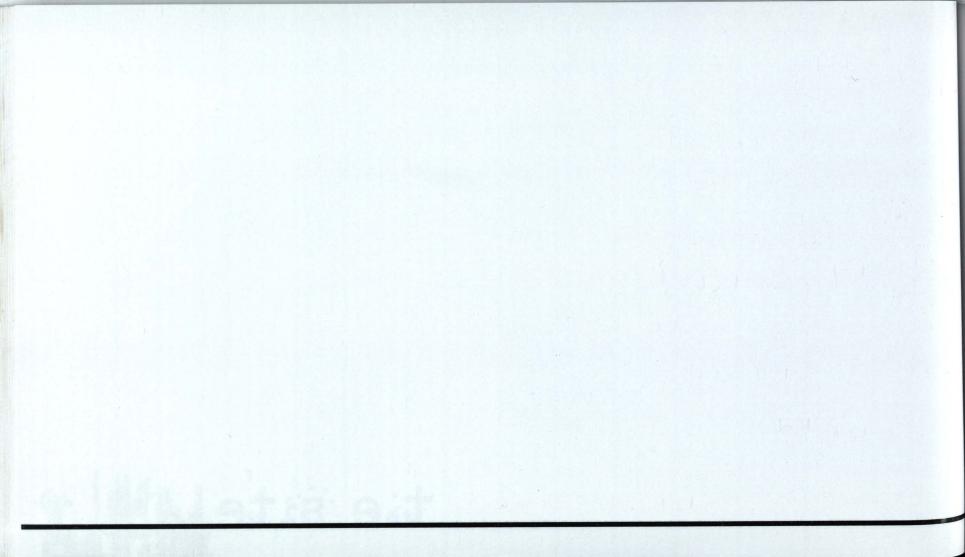
Kunsthaus Tacheles Building



the site



Quarantina







1965

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SUANCE.









Bourj Hammoud is a neighborhood located on the eastern coastline of the Mediterranean Sea, two kilometers east of Beirut's central district. The land was occupied Armenian refugees as a result of the massacres. It has adopted the name Quarantina because of its former use as Quarantine for returning travelers.

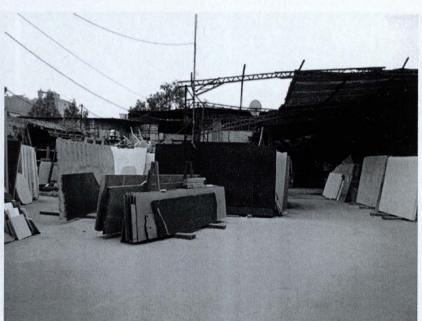
Later, the waterfront land started to be used as an area of workshops for craftsmen and light industries. The mix of land use caused a problem but with the coastal route and the Beirut Tripoli highway, the area was divided in two and resulted in the pushing back of the residences behind the highway as the industrial area expanded on the waterfront district.

The Quarantina industrial area is located in a strategic area in greater Beirut. Its main uses range from small scale crafts to more or less heavy industries. Several workshops housing jewelry making, wood works, metal works, and furniture making are found in this area. There are also two slaughterhouses, leather industries and some large storage spaces for big companies and stores.

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The heavier industries include:
bakery equipments manufacturing
_construction metal handling
_gas storage and tank filling
_petroleum storage
_chemical manufacturing [sealants, paint, waterproofing]
_lead manufacture
_warehouse
_trash composting
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Lead Factory - Source: Author



Tile Cutting Factory - Source: Author



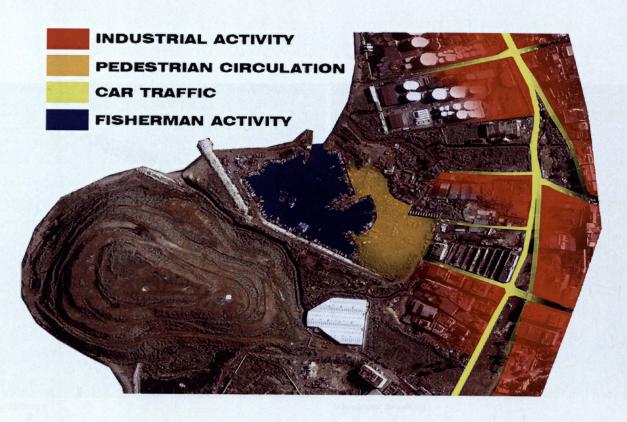
Bakery Equipment Factory



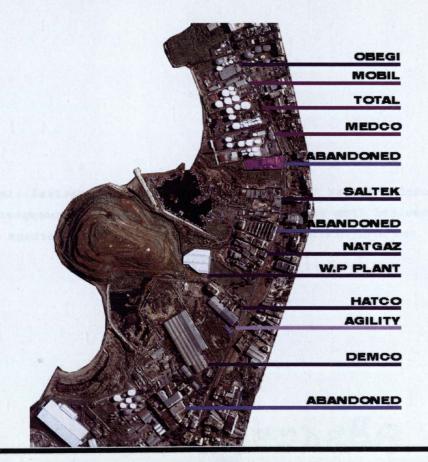
Aluminum Bending

"According to Bourj Hammoud municipality officials, the waterfront sector was classified as an industrial area in a legislative decree number 16948 in 23/7/1964. Nonetheless, several industrial facilities were visible even before the early 1960s. This classification impacted the neighborhood as it became the most salient characteristic of Quarantina s waterfront is the physical and social division from the rest of the neighborhood and the city. The whole shoreline area in Quarantina became isolated from the urban life of the surrounding neighborhoods because of the emergence of this industrial area". 16

[Transic Flow Disgram]



Industrial Buildings [someoned a operating -quarantina]



Other problems following the decision that the specified area becomes industrial: is the deprivation of public access to the sea. This resulted from the generation of an unfavorable atmosphere and the pollution generated from industrial wastes, the slaughterhouse, in addition to the famous garbage dump.

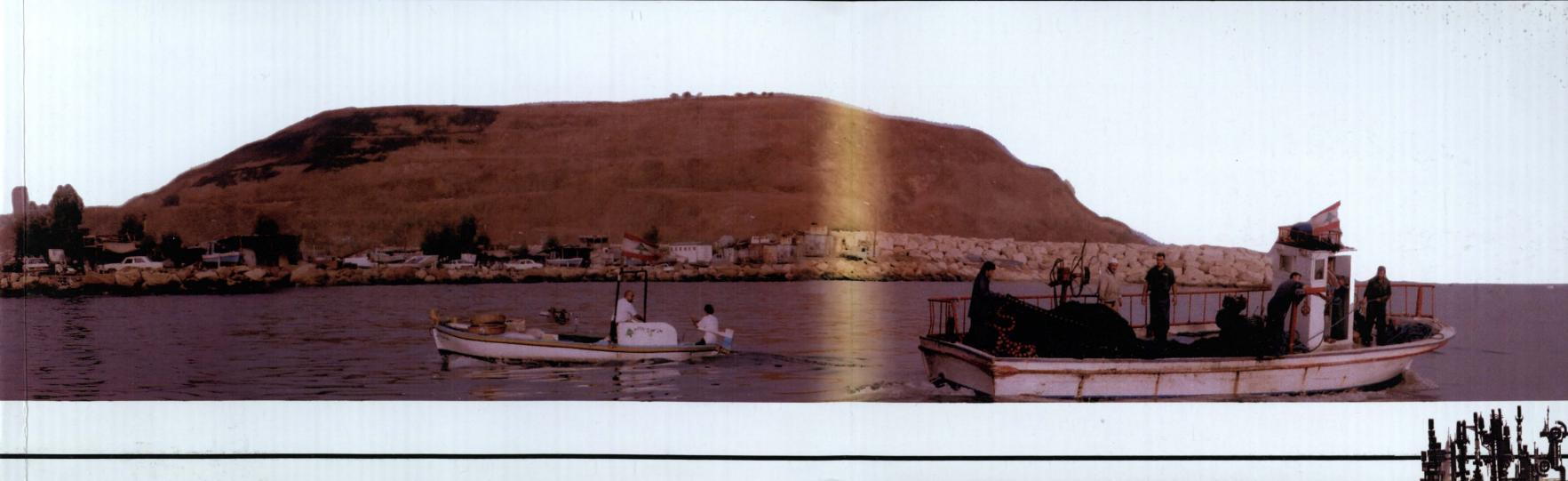
The Gambase Dump Hill

The garbage dump was formed during the civil war, it was a dump of domestic waste and remains of the building demolished in the Beirut City Center.

Occupying a surface of 163000m² and a height of 55m, every day the garbage dump received 500 tons of waste. For many years it released poisonous gases and terrible odors and caused deterioration of flora and maritime fauna. It was later closed in July 1997 following the Emergency Waste Management Plan issued by the Ministry of Environment in 1997.

Today, plastic, glass and metal are sorted out for recycling and organic waste is sent to the composting facility in Quarantina.





The Port

0

Another remarkable feature of this area is the fishing port in the area. The port is one of the few remaining operating fishermen port in Lebanon; it is the only path towards the water edge. In the early days, the whole coast in Quarantina was a public beach; the fishing port was very active and many used to buy fish from the fishery.

The port now suffers from extreme levels of pollution and dereliction and is surrounded by abandoned buildings. The notable aspect of the port is that it is very traditional; it manifests the fishing industry as a craft with no technologies. The nets and boats are still hand-built.



Boat getting built



Fixing the nets after a fishing journey



Preparing new hooks

A number of containers can be found throughout the port, mostly used by the fishermen to work in and sometimes sleep in. The area surrounding the boats is divided in a way where each area is used for a different function. The boat maintenance area contains a wood and steel workshop for boat repair, a mechanical workshop for engine repairs. There is also a space allocated for boat handling where there are gantries, trailers and a winch to pull out boats from water. Adjacent to this area is the boat painting area and a net repairing area. The boat maintenance area is very important since the boats are taken out of the water twice a year for basic maintenance.

The main activity is a morning auction that takes place daily in rusty containers for distributors coming from different regions in Lebanon. The fishermen live in very unfortunate conditions; they sleep in the tools room or sometimes in their boats.

There are two spaces that cater for the needs of the fishermen, one is an equipment sale area for any fishing material that is needed and the other is a cafeteria. Both the cafeteria and the store operate are very unusual hours compared to others outside this area. They function according to the schedule of the fishermen who operate in shifts around the clock, but mostly at dawn.

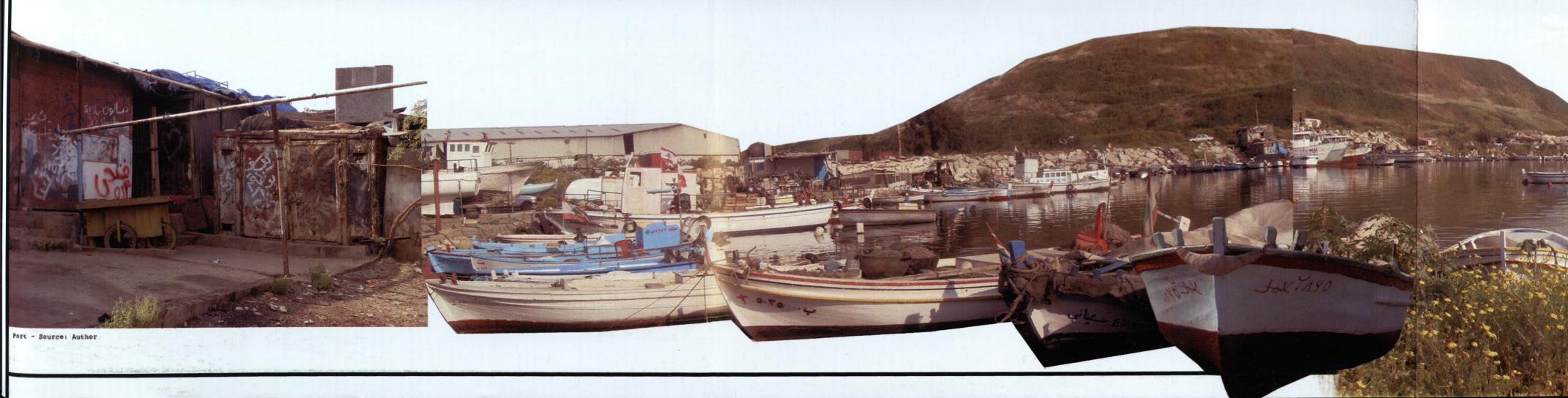


Old Fisherman



Worker's and Fisherman's housing







United Garment Manuracturers



United Garment Manufacturers - Source: Author

United Garment Manufacturers is a value added clothes factory where textile was imported from Europe and workers sewed them into costumes for the army and also men's suits.

The construction for this building started in 1973 and ended by 1975 with the start if the Lebanese civil war. The factory was one of the markers of garment industry in Lebanon at the time. It was an establishment with more 450 workers, which was remarkable at the time and even compared to the industries now; taking into consideration that the a large industry in the Lebanese industrial sector is one with more than 30 workers.

In 1978, the Syrian army was fighting the Lebanese Forces and they fired at the gas tanks found in the industrial area which resulted in the explosion of these tanks and the damaging of the adjacent buildings. The United Garment Manufacturers factory was damaged and burnt down.

"The Union of Textiles Manufacturers estimated that in 1981 the industry employed only 12,000 workers and that less than half of the 1,200 prewar factories were still in business. One of the country's biggest factories, a knitting plant in the Beirut port area, United Garment Manufacturers, was destroyed". 17

¹⁷⁻ Thomas Collelo ed., Lebanon, a country study, 3rd ed.
Washington, D.C: Library of Congress, Federal Research Division, 1989.

Looking at recent pictures of the factory, one can notice that the damage is not very visible from the outside; there are big holes in the outer walls of the building which show the entry points of the missiles. It is also evident that the glass has been shattered in addition to the aluminum cladding that was covering part of the eastern facade.

The inside of the factory has been subjected to more damage, at some points the slabs in between each beam is missing, which creates interesting pierces in the floors from top to bottom.

The architecture of the factory is very basic; it is purely functional and does not regard any aesthetics except for the diamond shaped openings on the southern facade locating the factory owner s office which was obviously the only client based decision during the design phase.

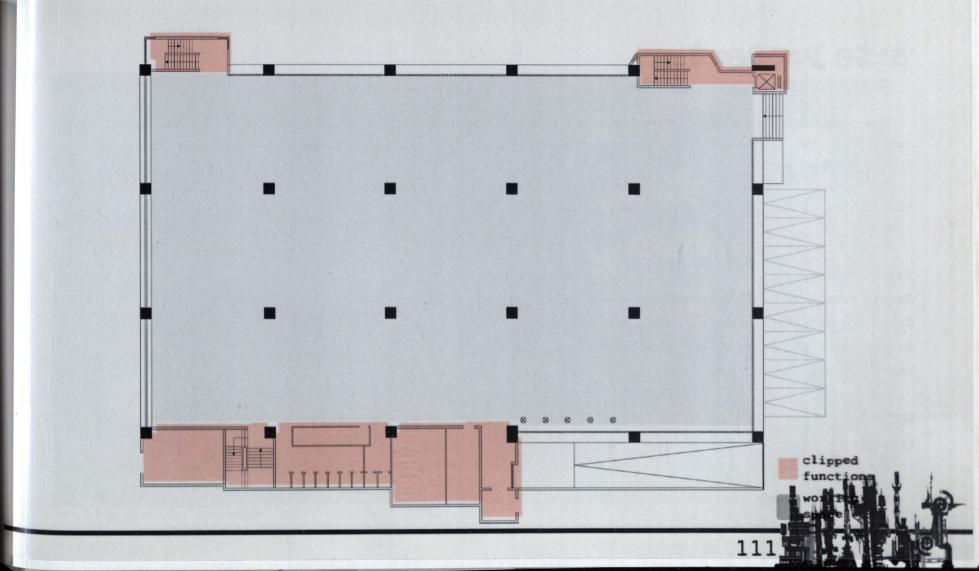
The north, east, and west facades of the building are have large openings that allow the flow of light into the manufacturing area. The south facade on the other hand is treated differently, it has smaller openings reflecting the secondary administrative and service functions of the factory.

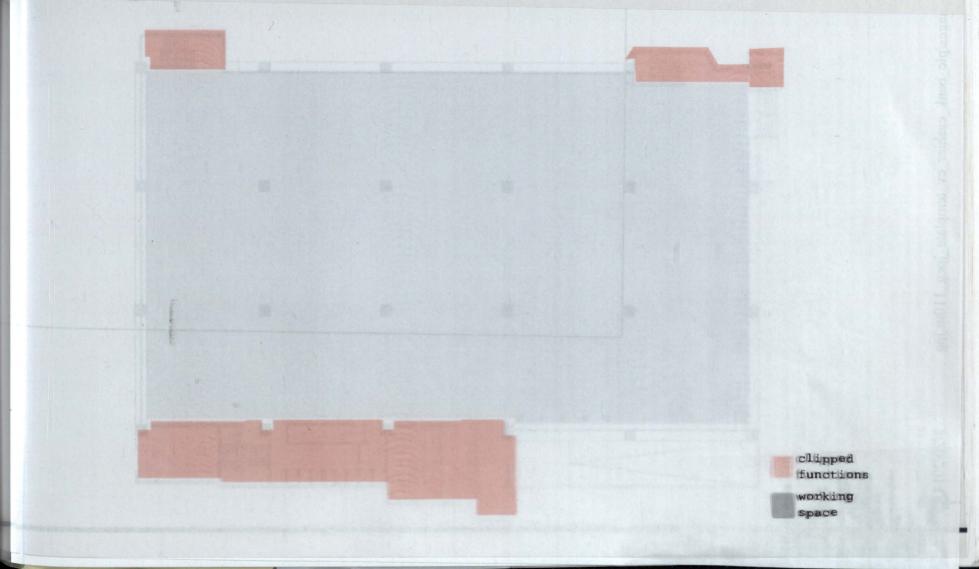


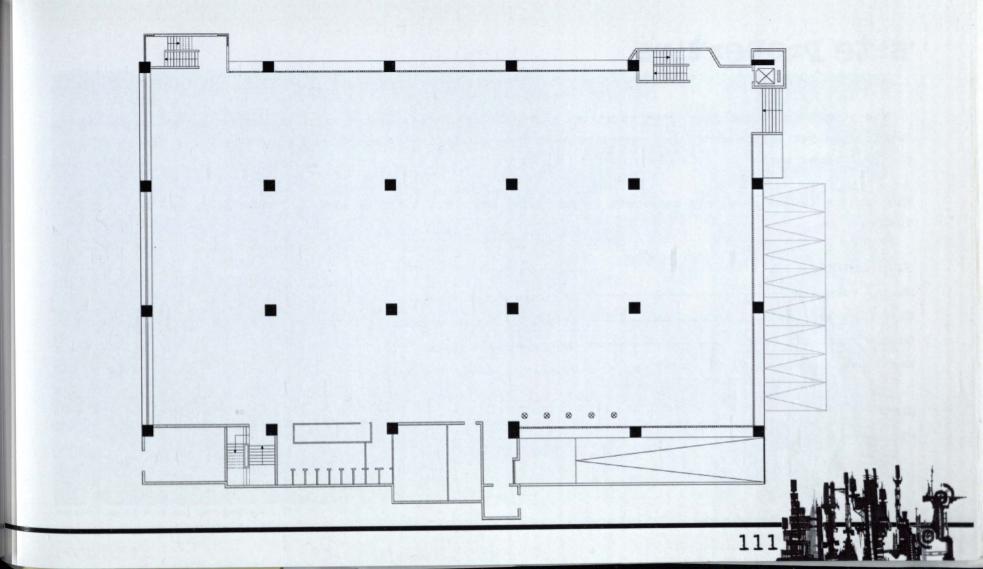


Pierced ground - Source: Author

The factory consists of a main large manufacturing space; it is uninterrupted and there are no interior walls. It is a large empty box, with the structural grid aligned orthogonally with large spans of 10m; it is a flexible place that allows for different activities to take place. Other peripheral spaces that are plugged on this main area carry the secondary functions like the elevator shafts, the stairs, and the bathrooms.







site Properties

The site is situated in a prime location, right off the coastal route which is subject to medium to heavy traffic and yet possesses a less congested open area on the other side of the street that has direct access to the fishing port.

The factory is now privately owned but is for sale. The total built up area is 8000m2 while the lot area is 7000m2.

SITE LIMITS:

PROPERTIES:

North: Port Area ---

--- Maritime Properties

East: Lot 392 [Medco] _____ Privately Owned by Medco

South: Maritime Route _____ Government Property

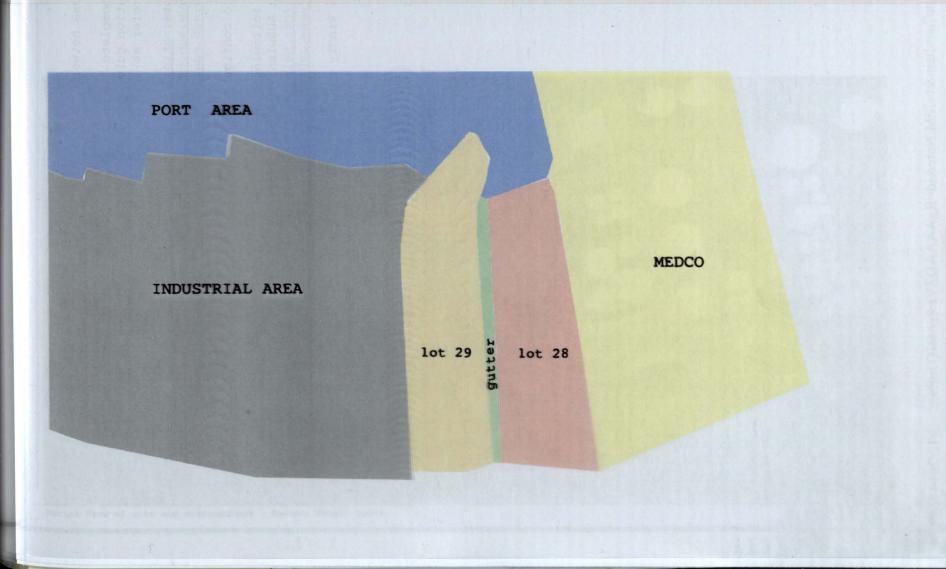
West: Lot 29, separated by gutter. ____ Privately Owned: for sale

SLOPE:

Flat Site - 0%



Aerial View of site and surroundings - Source: Google Earth





The design project will be addressing both sites together. I will be designing a new structure on 'lot 29'; however I will also use the structure of the abandoned factory. The proposed design will also extend to the port.

the Stakeholders

The stakeholders of the project are classified into three main categories:

TALENTS

The 'talents' consist the various artists that will use the space, mostly musicians, furniture designers, fashion designers, and others.

BUSINESSMEN

The businessmen category itself can be divided into three main sub-categories:

_Entrepreneurs / Investors

_Industrialists: owners of already existing industrial facilities who seek new ideas and talents in their own lines of production.

_Artists: Already established artists who are looking for collaboration with other artists and other like-minds.

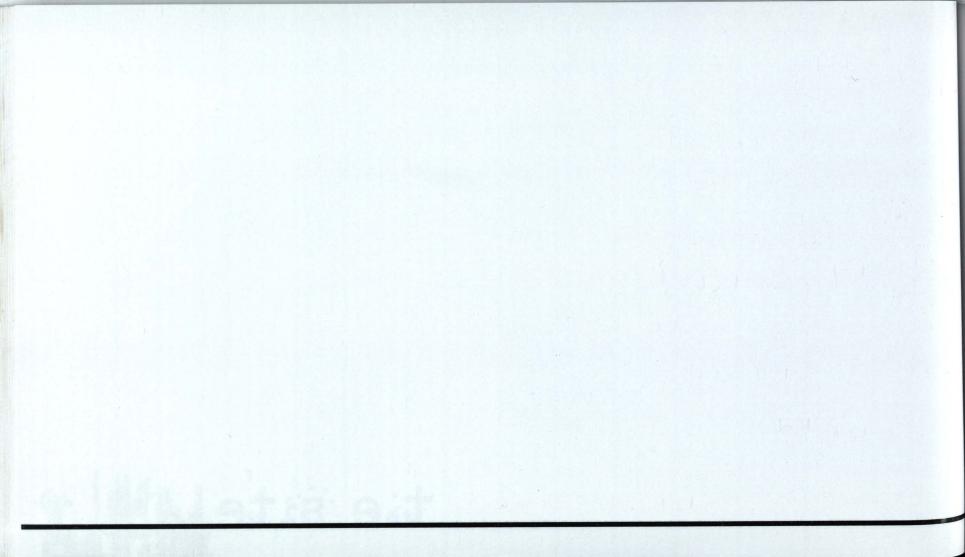
VISITORS

The visitors are any people who are not directly concerned with talents and entrepreneurs, they can be there for observing the manufacturing processes or to enjoy the other facilities provided in the incubator that are open to public. They can also be individuals who are attending the performances or lectures happening in the incubator; or even enjoying the sea view or the new openness to the port. Allowing the visitors into the facility is an important step when it comes to an incubator type of building since there can be coincidental opportunities of business in addition to raising awareness about the industrial sector.

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Other indirect stakeholders in the project are the fishermen and the surrounding industries. They are the indirect stakeholders because the building itself does not affect them directly; however, the presence of the incubator and its effect on the area will affect them on the medium and long run.

Talents	Businessmen	Visitors
Musicians	Entrepreneurs	Tourists
Furniture Designers	Investors	Locals
Fashion Designers	Industrialists	
Etc.	Artists	



the program

FISHERMENT PORT

- Residential
- Workshops
- Selling Area
- Shops
- Restaurant

INCUBATOR

- Residential Studios: to accommodate the artists of the incubator.
- Workshops
 - A- Public: for exhibited fabrication, visible to the visitors.
 - 1- Steel
 - 2- Wood
 - 3- Textile
 - B- Private: for production secrecy and privacy
- Assembly Rooms: a place to assemble all the manufactured pieces

UNITED GARMENT MANUFACTURERS

- Exhibition Hall: where the artists will exhibit their finished works
- Virtual Production Rooms: a room that explains different production methods for different types of products. [learning tool]
- Multi-purpose Area: where lectures, events, or workshops could take place
- Performance Area: where musicians perform; fashion designers hold fashion shows and possible plays can take place.
- Music Studio: for recording music
- Study Area
- Runway

	# of People	Quantity	Area	Total
FISHERMEN				
Residential	1	10	25	250
Workshop	40	1	300	300
Selling Area	20	20	20	400
Shops	5	1	50	50
Restaurant	150	1	250	250
INCUBATOR				
Residential	1	20	35	700
Private Wkshp	1	20	20	400
Public Wkshp	60	3	300	900
Assembly Room	60	2	200	400
Offices	30	15	30	450
U.G.M*				
Exhibition Hall	300	1	1600	1600
Multi-purpose Rm	300	1	600	600
Performance Area	500	1	800	800
Music Studio	10	3	50	150
Study Area	200	1	400	400
Virtual Production Rm	1	20	5	100
Runway	300	1	500	500
			TOTAL	8250

The program has three major sections:

- 1- The port intervention, consisting of a restaurant will bring the public back to the port. By improving the workships and selling areas of the port, the atmosphere as a whole will become more inviting to the public.
- 2- The incubator will be the professional area where the stakeholders will operate. It is the place accommodating the various manufacturing processes.
- 3- The abandoned factory, U.G.M, will hold the exhibitions, performances and lectures that cater mostly for the visitors.

^{*} United Garment Manufacturers

Schedule or Stakeholders in The Incubator [diagram]

1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12

TALENTS TALENTSTALENTSTAL

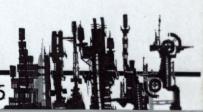
TALENTSTALENTSTALENTSTAL

INVESTORS INVEST

ESTORSINVESTORS

VISITORS

VISITORSVISITOR



The project will be governed by the Chamber of Commerce and Industry which collaborates with different associations such as:

- Bankers Association
- Industrialists Association
- Beirut Traders Association
- The National Committee of the International Chamber of Commerce
- The Association of Lebanese Businessmen

In my opinion, the Chamber of Commerce and Industry is the ideal party to manage The Incubator because it plays a major role in connecting Lebanese organizations with external delegations and companies.

It is also the principle, largest, and most prominent economic organization in Lebanon. It consists of different departments that could be of major benefit to the project such as:

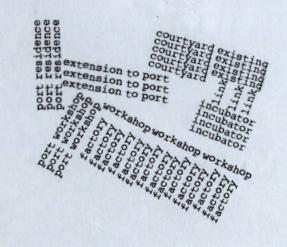
- Arbitration: Settles Disputes
- Public Relations: Arranges missions abroad

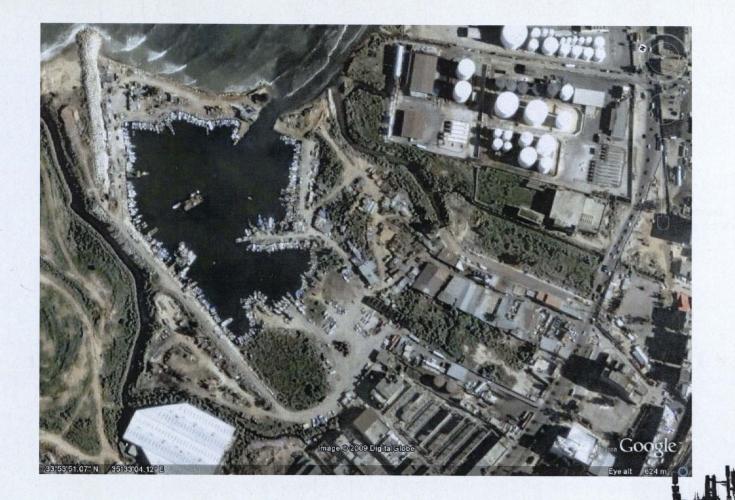
Prepares seminars/workshops in cooperation with counterpart institutions/embassies Cooperates with foreign embassies/commercial offices in Lebanon

- Economic Research: Provides business information and research with valuable information and guidance on a number of economic issues.



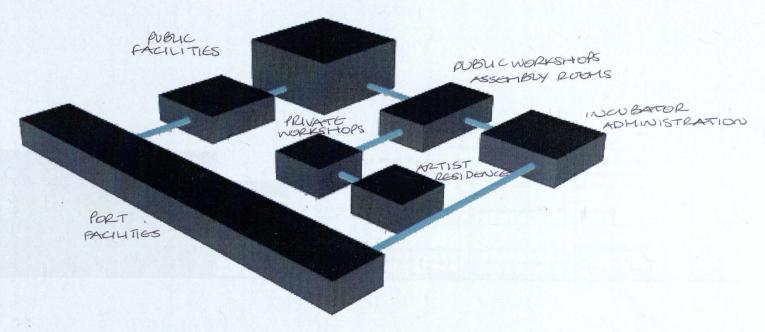




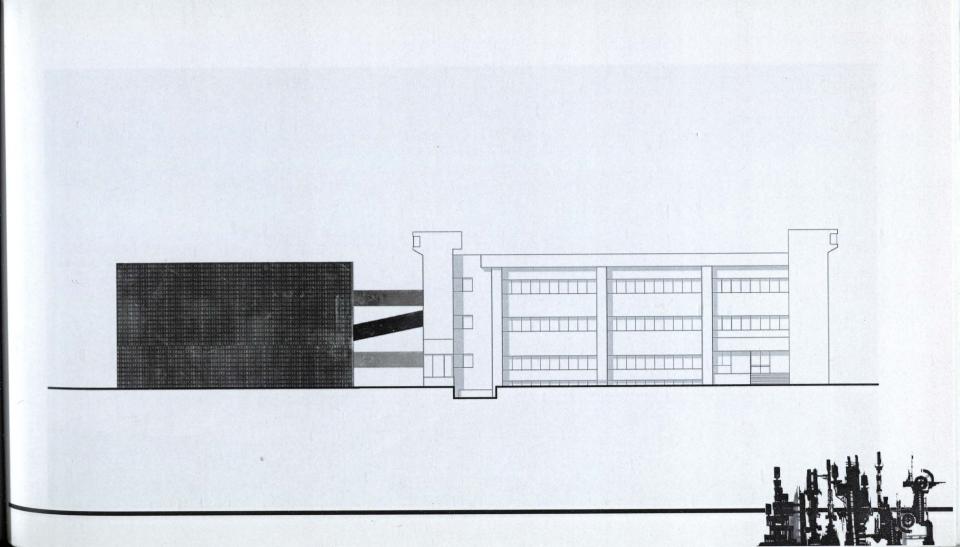


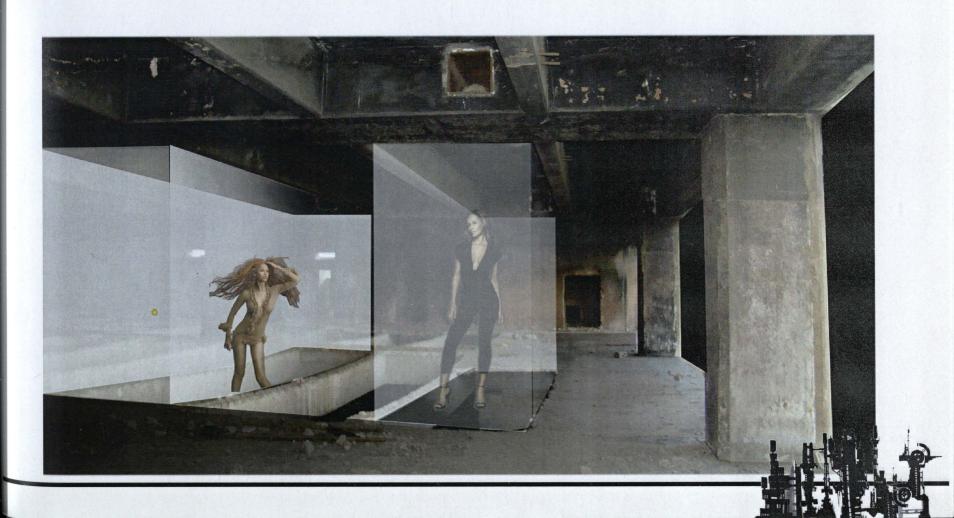


EXHIBITION PERFORMANCES LECTURE HALL









Bibliography ...

- 1- Collelo, Thomas, ed. Lebanon, a country study. 3rd ed. Washington, D.C: Library of Congress, Federal Research Division, 1989.
- 2- Beydoun, Hady. Personal interview. Oct 2008
- 3- The Silver Factory. Jan. 2009 http://www.mysilverfactory.com.
- 4- BEIRUT ART CENTER. 27 Jan. 2009 http://www.beirutartcenter.org.
- 5- Bernard Khoury / DW5. 27 Dec. 2008 http://www.bernardkhoury.com.
- 6- Ministry of Industry. 27 Oct. 2008 http://www.industry.gov.1b.
- 7- Association of Lebanese Industrialists. 27 Nov. 2008 http://www.ali.org.lb.
- 8- Abi Nader, Ramez. Association of Lebanese Industrialists. Personal interview. Oct 2008
- 9- Goldberger, Paul. Renzo Piano: Buildings and Projects: 1971-1989, Minneapolis; Rizzoli International Publications, Incorporated, 1990

- 10- Tagliaferri, Mariarosaria, trans. Industrial Chic: Reconverting Spaces. Savigliano, 2006.
- 11- Hopkins Architects Ltd. 27 Jan. 2009 http://www.hopkins.co.uk.
- 12- Asmar, Fadi. Revitalizing Waterfront or Urban Fragmentations. Thesis. American University of Beirut, 2008.
- 13- Khanamirian, Noubar K. "United Garment Manufacturers." Personal interview. 28 Dec. 2008.
- 14- Choucair, Joseph. Industrial Zones in Lebanon. Beirut: Ministere de Plan, 1972.

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U.G.M. aOcuments

الدره أحسرانيان

مهندس مدنی خیبر محلف لدی المحاکم سند در دورات تنسین لذین تنشی ن، ده ۱۳۸۰/۲۰۰۰

تقريسر مرفسوع

لجانب شركة UGM ش.م.ل. المحترمة

في ٢٠٠٨/٩/٢٧ في

بناء على تكليف جانبكم بتاريخ ٢٠٠٨/٩/٢٢ لاجراء تخمين العقار التالي أرضا" وبناء"

الموضوع: العقار رقم : ٢٨

المنطقة العقارية : البوشرية

الملك : شركة المصانع المتعدة

للمليوسات ش.م.ل.

ئوجهت بشاريخ ٢٠٠٨/٩/٢٤ الى موقع العقان المذكور وكان حاضرا" السيد ليون سورين لحان اميريان وفوئت كافة الملاحظات على هذى .

المستندات العرفقة

مرفوعة من الشركة	مرفوعة من الخبير	الاصل	(pert	اللوع
V		نسفة	,	افادة عقارية
1		نسفة	1	غريطة موقع
7		نسفة	1	غريطة سياح
		نسفة	1	خرائط الترخيص
		نسفة	1	ارتفاق وتخطيط
	V	V	1	صور فوتوغرافية

المارة جلك احواقيات

صور فوتوغرافية عائدة للعقار رقم ٢٨ البوشرية والانشاءات القائمة عليه

sid part and some

٧- مو اصفات البناء القائم على العقار :

تاريخ للجاز البناء: منذ حوالي خمسة وثلاثين عاما".

وتألف البناء الصناعي من : اربع طوابق على الباطون جزء منها تعرض سابقا" للحريق والبناء الصغير بحالة الغراب وهو على الباطون وتعرض سابقا" للحريق .

٤- الملكية العقارية:

يناء للاتحادة المقارية الملحقة بالتقوير والعسادرة بتناريخ ٢٠٠٨/٧/٢ تعود ملكية العقار إلى : شركة المصالح المتحدة الطيرسات شءمال. ولها ٢٠٠٠ منهما" .

ه- في الافادة العقارية العائدة للعقار:

- ورد على الافادة العقارية العائدة للعقار المحتويات والوقوعات التالية:

رقم العقار ٢٨:

المنطقة العقارية : البوشرية

السر الموقع ومحتوياته : الغراز: الغراز على هذا العقار قطعة ولحدة اعطيت الرقع ٢٦٦

وما بقي منه لحظظ برقمه وذلك بموجب محضر العلد تاريخ ٢٢ حزيران ١٩٢٢ ويموجب محضر التحديد المنظم في الدائرة الفنية تاريخ ٢١ تموز ١٩٣٣ المحلوط في ملف هذا

But ording

- يومي رقم ٢٢٣ تأريخ ١٩٣٧/٨٢٣: افرز عن هذا النقار قطمة واهدة اعطيت رقم ٢٩٢ وما يقي منه المتلفظ برقمه وذلك بهرجب محضر المقد رقم ٧٧٣ تأريخ ٢٦ أب ١٩٣٧ واستقاداً الى محضر التحديد لغني الدورخ في ١٥ الباول ١٩٣٧ المحلوظين في ما الباول ١٩٣٧ المحلوظين في

پومى رقم ۲۹۹۷ تاریخ ۲۹۰۱/۲۸ : تصحیح محتویات: قطعة ارخص ضمنها برکة ماء واسطیل ویناه مؤلف من طابقین. الطابق السقی بحتوی علی خمس غرف ودار ومطیخ ومثانی والطابق الاول پحتوی علی ست غرف ودار ومطیخ ومثانع ویناء ثانی پحتوی علی غرفتین کبیرتین اهداهن محمل کرتون والثانیة مستودع و غرفة للعمال پحتوی علی غرفتین کبیرتین اهداهن محمل کرتون والثانیة مستودع و غرفة للعمال ١- في موقع الطار:

يقع العقار رقم: ٢٨ البوشرية في منطقة: البوشرية العقارية

مي منصفة بيوسرية مسارية الموقع: على الاوتوستراك اليحري للدوره- جنب شركة MEDCO

حدوده: من الشمال : املاك بحرية

من الغرب : مجرى مياه

من الجنوب : الاوتوستراد البحري

من الشرق : العقار رقم ٣٩٧ (شركة MEDCO)

الشكل : شبه مستطيل (والجهة على الاوتوستراد بعرض ٢٠ مثر تقريبا")

الانحدار : ارض مسطحة

تغطيط : مصاب بتخطيط الاوترستراد (المناذ)

المنطقة الارتفاقية : C صناعة بالمرسوم ١٤٢١٣ تاريخ ٢١/٤/١١

الاستشار السطحي : ٧٥%

الاستثمار العلم : ١,٧٥

ارتفاع

عدد الطوابق

المساحة الدنيا التابلة البناء : . . دم٢ (١٥ x١٥)

ساحة الافراز : ۱۰۰۰م۲ (۲۰ x ۲۰)

٢ - محتويات العقار:

يحتوي المقار على بناء صناعي مرخص مؤلف من اربع طوابق : سقى وارضي وأول وناتي وبناء أخر صغير مؤلف من طابقين ارضي وأول.

ساندوه جاله احمرانیات

٦- في مسلمة ارض العقار :

لمستقادا التي التعريطة المنظمة من المساح كريكور كالتجهين أن المساحة المساقية الزمن العقار رقم * ٢٨ * من منطقة اليوشرية العقارية تبلغ * ٢١٩٣ م٢ سبعة آلاف وساية وثلاثة ونسعون من الامر بعالا

٧- في المسلحة التقريبية للانشاءات القائمة على العقار:

ان المساحة الكتربيبة البناء الصناعي والبناء الصغير نبلغ حوالي ١٥٥٠ م٢ تمانية آلاف وخسماية مترا" مربعا" (٨١٥٠ م٢ البناء الصناعي و٢٥٠ م٢ البناء الصغير) .

٨- في القبعة التخمينية أرضا ويفاء" :

أ- قيمة الارض:

بالاستناد الى الكشف الحسبي والى المستندات العبرزة وبالنظر الى موقع العقار ومساهنه وشكله الهندسي والى المنطقة الارتفاقية الواقع ضمنها العقار (C صفاعي) .

وبالاستناد التي الاسعار المتداولة حاليا" في المنطقة الواقع ضمانها العقار حسب قمرض والطلب بتاريخ الكشف ووضع هذا التقرير ، يمكنني تكنير قهمة ارض العقار موضوع المهمة كما يلي :

القيمة ي	تغمین \$/م۲			العقار
\$ Y195	\$1	TAVIAT	البوشرية	YA

المجموع: ٢١٩٢٠٠٠ \$

ب- في تقدير قيمة بناء الانشاءات القائمة على العقار:

اللوه جاك إحواليان

ومنافع وعلى السطح غزفة مسقوفة توتيا وثلك بموجب المحضر الفني رقم ١/١٥/١٠.

الظهرت حدود الاملاك البحرية المجاورة لهذا العقار ولا بوجد تجاوز بالمحضر الفني
 ۲۲/۲۹۲۰.

انتفاع : لهذا العقار حقى السقى من الناعورة المعددة ضمن العقار رقم ٣ ومن مياه الغه او الكبير .

بومي رقم ١٥٨٥ تاريخ ٢٠/١٠٢/٠٠: ارتفاق تخطيط بموجب المرسوم رقم ١٠٧٦ / ٢٠/١
 ٢٧/ نيسان ٩٥٩ بطف (1).

 يومي رقم ٢٢٦٨ تاريخ ١٩٧٢/٤/٩: استمالك: استمالك قسم من هذا العقار المساحة المستملكة/١٥,٥٠/م،م، يموجب العرسوم ٧٣/٥١١٧ .

بومي رقم ۸۰۸۱ تاريخ ۱۹۷۲/۹/۷: وضع يد: قرار وضع يد رقم ۱۰۹۲ (۱۰۹۲/۸۲۷/۲۷/۲۲ على ۸٫۵۰ م.م. بطف (۱) الهوشرية .

بومي رقم ۱۳۶۱ تاريخ ۱۹۸۵/۲/۳ واقع تحت الدرس بالمرسوم ۲۰۵۸ تاريخ
 ۸٤/۱۲/۱، بالت (۱).

پومي رقم ۲۹۸۵ تاريخ ۱۹۹۸/۸/۱۲ وضع يد: قرار وضع يد رقم ۹۸/۸۱ لمصلحة
 مجلس الانداء والاعدار على مساحة/۲۲۰/م... بطف (۱) البوشرية.

 يومي رقم ٢١٧٤ تاريخ ٢٠٠١/٦/٢٧ توضع يد وانذار: وضع يد بالفرار رقم ٩٨/٨١ وانذار بالاخلاء بعلقه واحد/ارسل تكليف للصماحة مع القرار .

<u>ملاحظة :</u> بالنسبة لاشارف للتخطيط ووضع اليد والاستمالاك فاننا سنعتمد مساحة العقار الصافية السنفية لارض العقار بعد حسم الجزء المصاب بالتخطيط عند تقديرنا للهمة ارفن العقار لاحقاً والتي اصبحت ٢٩٩٣م ٢ ، وياتنائي أن هذه الاشارات أن تعد تؤثر سلباً على الفقاء .

ويناء ثما ذكر وثما ورد في الافادة المقارية ، يتنين لذا أنه ثيس هناك من نشارات او وقوعات نؤتر سلبا" على العقار موضوع التكليف .

مره جاله (حو انیان مرددی (حق

الموقع المسلمة م٢ الخبين كابم٢ القيمة؟ البناء المناعي والبناء المسلمي مما ١٤٨٧٥٠، ١٧٥

11AV0 ..

المجموع: ٠٠

ج- الليمة الاجمالية الطار أرضا ويناء :

بناء لما ذكر بيتبين لنا أن القيمة الاجمالية العقار أرضا" ويناه' تكون :

S ATA. ... - 11AYO. . + Y19T ...

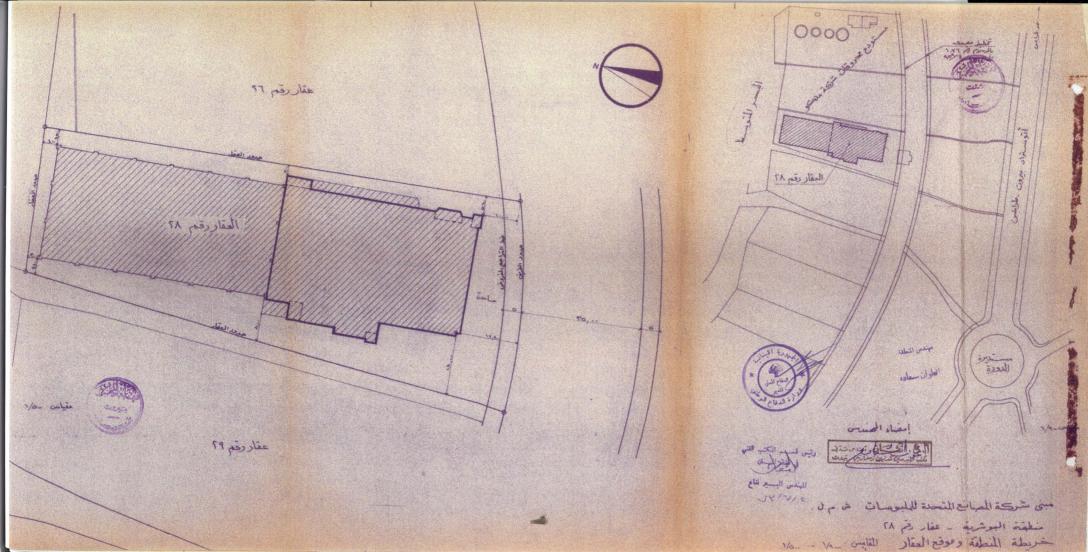
أي : ثمانية ملايين وستماية وثمانون الف وخمسماية دولا اميركي .

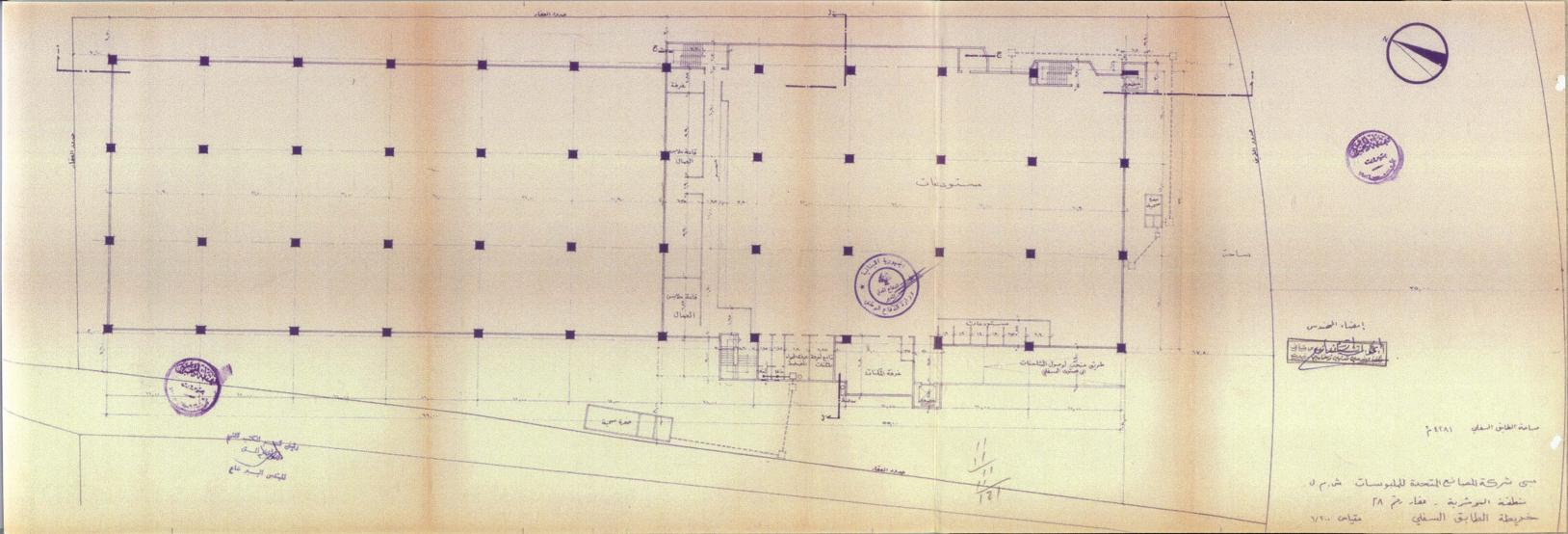
هذا ما رأيت ايضلمه لجقيكم

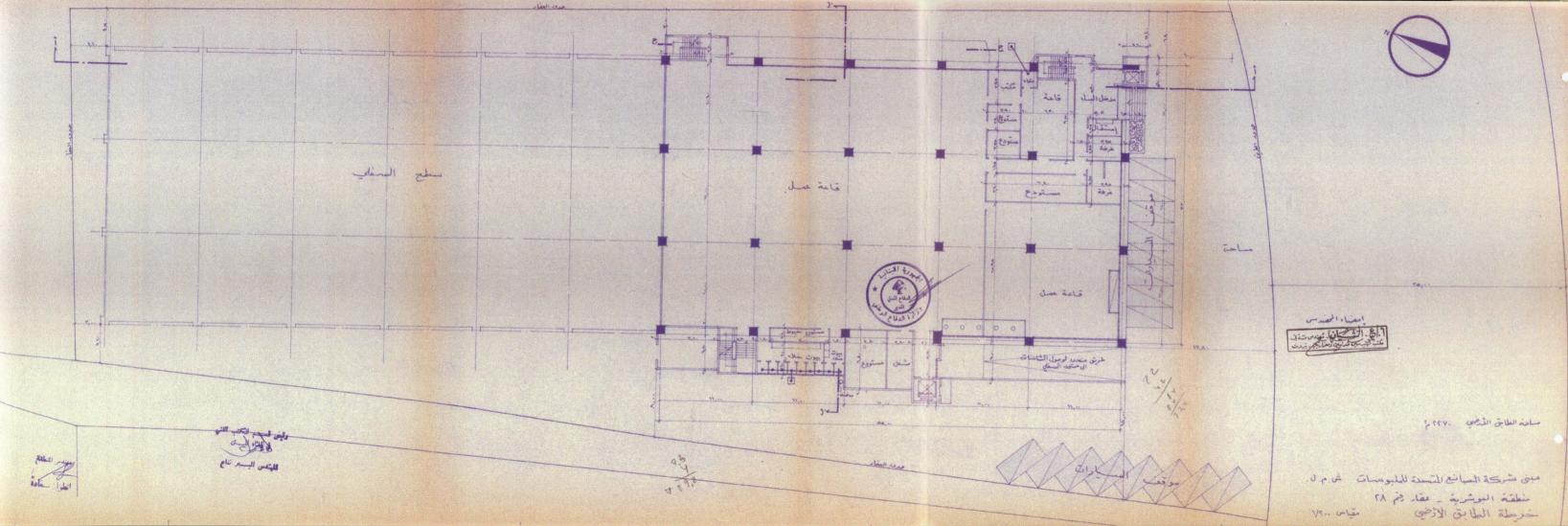
وعليه أرفع تقريري هذا الى حضرتكم ، للمقتضى

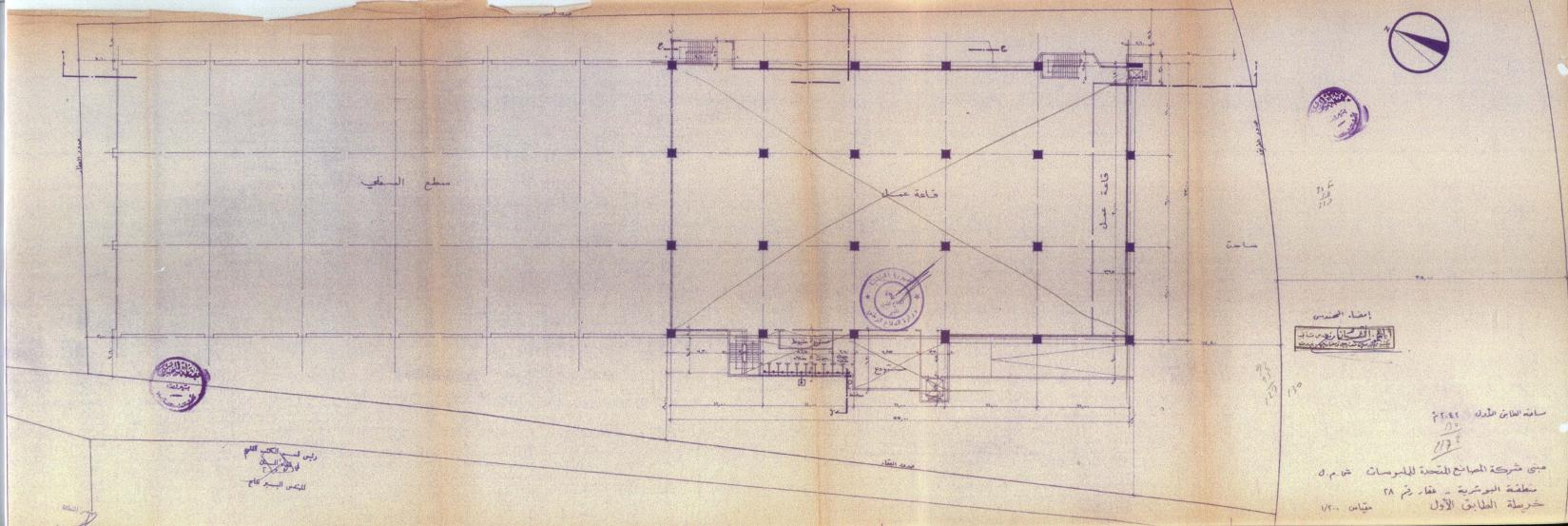
وتفضلوا بقبول الاحترام شخيير قدمنس أندره أحمراتيان الدره جاك أحمراتيان معرف مجاك أحمر أنهان

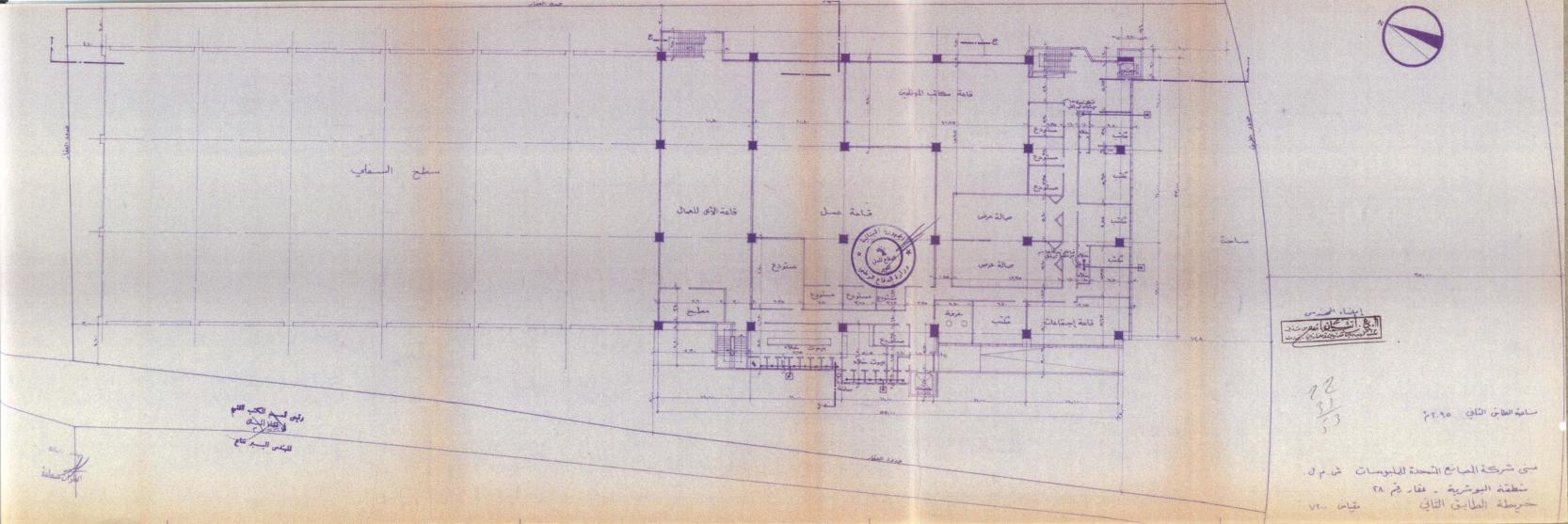
UGM blue Prints.

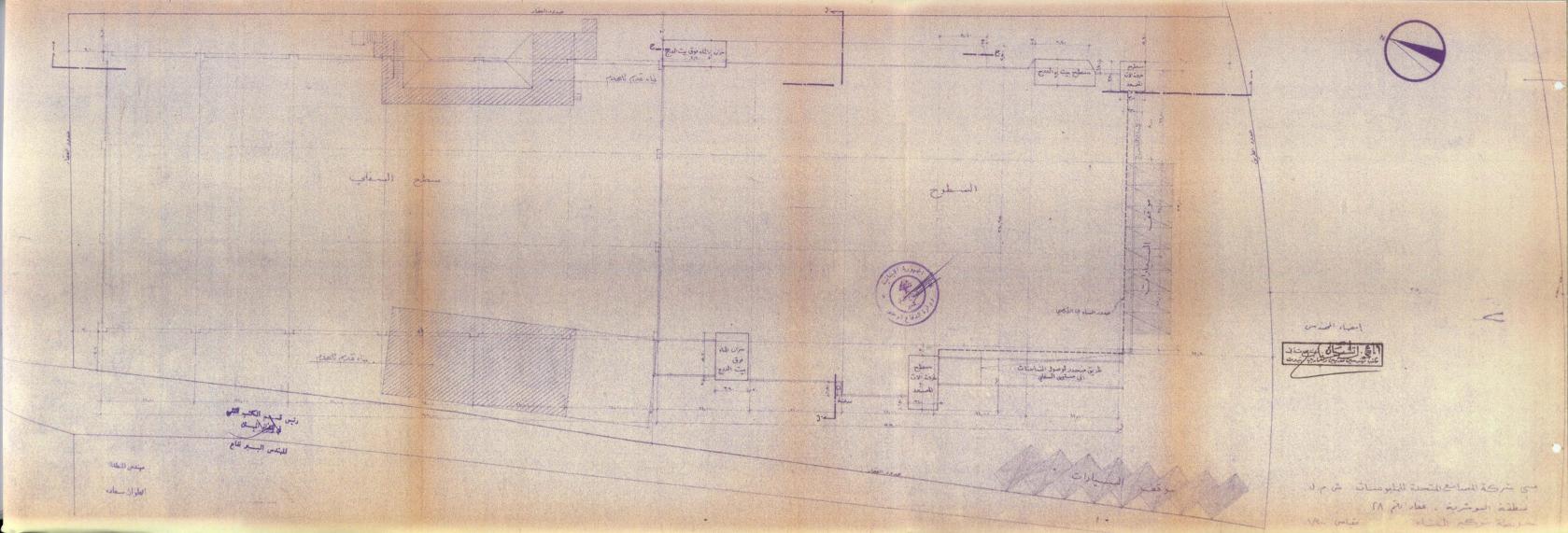


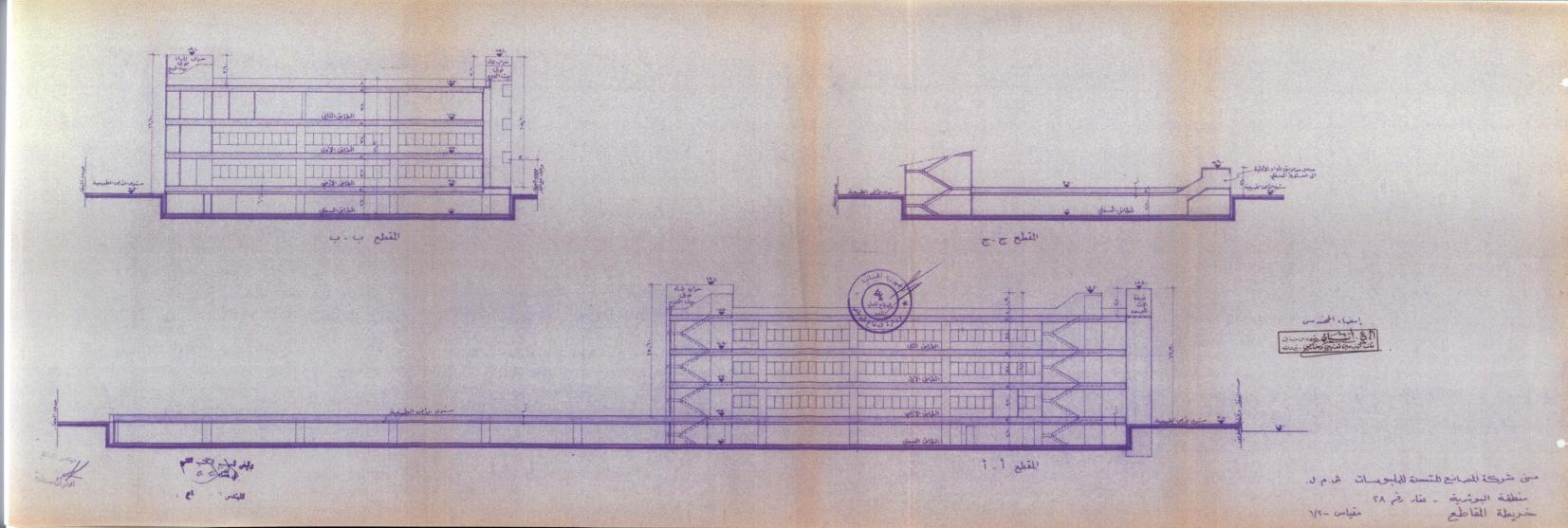


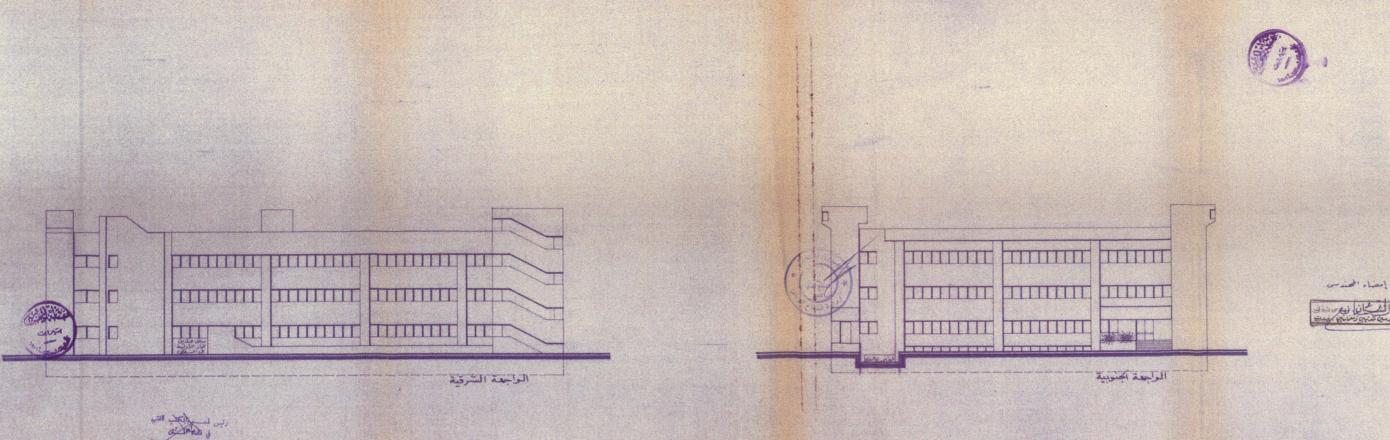








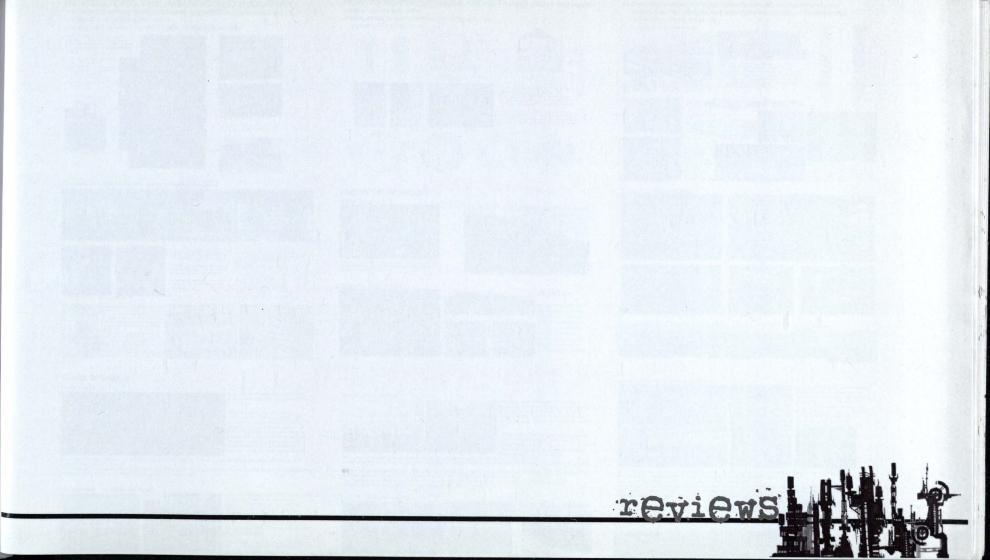




إمضاء المحندس

مبنى شركة المصافح المتحدة للملبوسات ش م ل. منطقة البوشرية _ عقار فم ٢٨ خريطة الولجعات مقياس ١/٢٠

المنتس البسيد تناع



REVITALIZING THE ABANDONED INDUSTRY

THE INTEREST IN ABANDONED FACTORIES AND INDUSRIAL ZONES AND THE POSSIBILITY OF REVITALIZING THEM.

SMALL SCALE SOCIAL ENCOUNTERS IN AN INDUSTRIAL ZONE



GLASERNE MANUFAKTUR DRESDEN - DRESDEN - GERMANY LAWS MARCON







CASE STUDIES

LONDON DOCKLANDS



HMAN BOMBING DUBING THE SECOND WORLD WAR CAUSED MASSIVE DAMAGE TO THE DOCKS.

PROXIMATELY 1960 AND 1970, WHEN RESHIPPING INCUSTRY ADDIPTED THE WLY INVENTED CONTAINER SYSTEM OF HE MUCH LANGER VESSELS NEEDED BY ONTAINERGATION AND THE SHIPPING COURTRY MOVED TO DECEMBATER FORTS.

BUILDEN 1960 AND 1980, ALL OF LONDON'S DOCKS WERE CLOSED, LEWING AROUND DIGHT SQUARE MILES (21 KM/) OF DESERRET LAND BY EAST LONDON.
THE MASSIVE DEVELOPMENT PROGRAMME DURING THE 1990s AND 1990s BAWA HUGE AREA OF THE DOCKLANDS CONVERTED INTO

CANNERY ROW-MONTEREY-CALIFORNIA



GANNERY ROW IS THE WATERFRONT STREET IN THE NEW MONTERSY SECTION OF MONTEREY, CALIFORNIA, THE SITE OF A CANNING FACTORIES

THE CANNETIES PALED APTER THE COLLAPSE N THE NOT TREETS

THE STREET IS NOW A TOLERAL ATTRACTION

HOW TO REVITALIZE THESE AREAS ? THREE POSSIBLE SCENARIOS:

2- REPLACING THE INDUSTRY BY SOMETHING ELSE



AREAS OF INTEREST

1- REINITIATING INDUSTRY











REVITALIZE - REVIVE -MIXED USE - MERGE BLEND-BEGENERATE RECYCLE-PUBLIC-RECREATION - BRIDGE

BROOKLYN WATERFRONT





CHECKNE, DENSE WORKING-CLASS WATERFRONT CHROURHOODS AND RELATIVE LACK OF INVENTIONAL PUBLIC SPACES, IS PARTICULARLY RELE GROUND FOR VERNAGULAR WATERFRONT

HE SITE HAS THREE PROMINENT FEATURES THAT ERVE AS THE PHYSICAL SETTING FOR MOST CHEATIONAL USES. IS A LARGE EXPANSE OF ERODED BULKHEAD THAT FORMS AN INFORMAL BEACH.

2- THE PIERS THAT ARE MAINLY USED FOR FISHING AND IN WAYS SIMILAR TO THE BEACH. 3 TWO RELATIVELY SMOOTH EXPANSES OF CONCRETE (ONCE THE FLOOR OF A WAREHOUSE) FORMING THE SLAB. (CAMPO D. 2002)

THE DECAYING NORTH EHOOKLYN WATERFRONT, WITH ITS RELICS OF EROOKLYN'S INDUSTRIAL FAST, IS BEING TRANSPORMED INTO A NEXT HOUSENDED OF BESIDENTIAL TOWERS WITH A PARKLIKE ESPLANADE ALONG THE EAST RIVER THE PLAN SEEKS TO PRESERVE THE LOWRISE SCILLE OF THE AREAS, WHERE FOUR AND SUSTORY APARTMENT BUILDINGS PREDOMINATE, AS WELL AS THE MIX OF LIGHT INDUSTRY AND HES





3- CREATING A HYBRID OF BOTH AN INDUSTRY AND ANOTHER FUNCTION WHERE ONE DEPENDS ON AND SUPPORTS THE OTHER AT THE SAME TIME CREATING A LIVING MUSEUM.











WITH THE GENERAL IMPROVEMENT OF URBAN ECONOMIES, CITIES ACROSS THE WORLD ARE MOVING TO TRANSFORM THOR DICEO/DUSTRIAL WATERFRONTS INTO VIBRANT ZONES OF LEISURE, COMMERCE AND HOUSING.

GENERALLY PROJECTS HAVE FOLLOWED CONVENTIONAL PARADIGMS. WATERFRONT AS TOURIST DESTINATION / WATERFRONT AS EXTENSION OF FRUNCIAL DISTRICT / WATERFRONT AS NEW RESIDENTIAL DISTRICT / WATERFRONT AS PLATFORM FOR ECOLOGICALLY EXHIBITIVE AND SUSTAINABLE DEVELOPMENT. THESE DEVELOPMENTS, AND OTHERS THAT HAVE POLLOWED, ARE REING FAGILITATED WITH THE DEATHAT THE URBAN. WATERFRONT CAN ONCE AGAIN PLAY A SIGNIFICANT ROLL IN THE ECONOMIC AND SOCIAL HEALTH OF URBANICENTHEIS. NEARLY ALL LARGE URBAN WATERFRONT REDEVELOPMENTS HAVE A SIGNIFICANT RECREATION COMPONENT. IN FACT, THE PUBLIC JUSTIFICATION OF THOSE PROJECTS OFTEN HINGES LIPON INCREASED RECREATIONAL OPPORTUNITIES AT THE WATER'S EDGE SCAMPO D. 20023



METHODOLOGY SO FAR **GBSERVATION OF CASE STUDY** FIELDWORK STIE VISITS CASE STUDIES

LEA NASSIF-KSAYER

INDUSTRIAL RESORT

Investigation of industrial areas in the process of de-industrialisation and revitalizing them by adding tourism generated income to the industrial economy.

HOW TO REVITALIZE INUDSTRY?

- Reinitiation of Industry . The production of the same product is reinitiated in the abandoned factory if feasible.
- Conversion of Factory The function of the factory changes to accompdate a new function that meets the needs of the area as a whole.
- Creation of a Hybrid Merging the factory with another function where each supports the other and on a broader scale revitalizes the area.

GOAL

THE APPRECIATION OF LOCAL INDUSTRY by revitalizing an industrial area by recycling an existing factory or industrial structure left by the downfall of industry and converting it into both a factory and a resort.

CULTURAL TOURISM Archaeology , Culture , Heritage , History

INDUSTRIAL ARCHAEOLOGY (REPRESENT) EXPANDING the vision of historic preservation to include sites,

objects and structures of industry.

REVITALIZING depressed industrial districts and move them from being a manufacturing to a service economy.

INDUSTRIAL TOURISM / INDUSTRIAL HERITAGE Industrial landscapes / Industrial wastelands

The protection, preservation and reuse of the large industrial sites can be problematic. This is a vast heritage that is difficult to decipher. However, the most challenging.





Observable frozer
it is said that everything to this rears to edition the passements, the bushes, even the green. There are trees under at large that grow play applies, bushes that spread tollappen, numbersome that spurt bushpased explicit, service that spread tollappen, numbersome that spurt bushpased at large to the special special special special special special statists, and even quotity candy eather. The main tollappen the free to the special sp

The Nut Corting Room
This room is where Works uses trained equirrois to break open good
wathouts to race in his execute, all rotton/unrips wainute are through down
a rubbleh chute wition loads in a Incinorator.

elen Room wisn Room in home to Works's istant invention, Yaterinion o, where they take a glant Works Har and strink N, then send R

CHARLIE & THE CHOCOLATE FACTORY GLASERNE MANUFAKTUR DRESDEN - GERMANY (LIVING MUSELIM)





COAMPROUSE AND DISTALLY BUT DISPOSED.



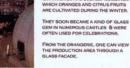




MATERIALS GOING IN AT THE GROUND FLOOR, AND CARS BUILT ON A LINE THAT WENT UP THROUGH THE BUILDING. FINISHED CARS EMERGED AT ROOFTOP LEVEL, WHERE THERE WAS A ROOFTOP TEST TRACK.







DI ARREACADE





HIS INSTALLATION FOR MARKULA



INTO A MIXED USE BUILDING INCLUDING AN AUDITORIUM, A SHORPING CENTER, A HOTEL AND A 2600-SEAT CINEMA COMPLEX, AS WE

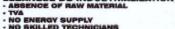


ALSO KNOWN AS "TRANSPARENT FACTORY": BOTH NAMES ARE A WORD PLAY ON THE DOUBLE MEANING OF RANSPARENT AND GLASSY, REFERRING TO BOTH OPTICAL TRANSPARENCY AND TRANSPARENCY OF THE PRODUCTION PROCESS THE FACTORY'S WALLS ARE MADE

ALMOST COMPLETELY OF GLASS. ITS VISITOR FRIENDLY LAYOUT WAS DESIGNED TO ACCOMMODATE UP TO 250 TOURISTS PER DAY. HERE ARE NO SMOKESTACKS, NO LOUD NSES, AND NO TOXIC BYPRODUCTS.







LEBANESE DE-INDUSTRIALIZATION

· COMPETITION FROM CHINA, THAILAND,

FOOD/BEVERAGE AND TEXTILE INDUSTRIE

ARE THE MOST PROFITABLE IN LEBANON

THE PORT

SOAT MAINTENANCE: WOOD/STEEL WORKSHOPS

MECHANIC WINCH TO PULL BOATS FROM WATER BOAT HANDLING EQUIPMENT - TRAILER / GANTRIES / CRANES PAINTING NET REPAIRING

FISH SALE: AREA FOR SELLING THE CATCH

EQUIPMENT SALE: AREA FOR SELLING FISHING EQUIPMENT

LIVING SPACE: BOAT

CAPETERIA

THE SCHEDULE

DAY ACTIVITY: AT SPM . THEN FISH IS STORED TILL THE MORNING

THE GARBAGE DUMP

Closed in July 1997 [Emergency Waste Management Plan ISSUED BY MINISTRY OF ENVIRONMENT IN 1997

A SUMPACE OF 16.3 HECTARES

Formed during the civil war : dump of domestic waste and remains of the constructions demolished in downtown -Releases harmful gazez nauseous odor Causes deterioration of fauna and maritime flora TODAY, plactic, glace, and metal are corted out for recycling and Organic waste is cont to the composting facility in Karantina



UNITED GARMENT MANUFACTURERS LOT 28 - JDEIDE BUILT IN 1874 - TEXTILE AND GLOTHES FACTORY ESTABLISHMENT WITH MORE THAN 25 WORKERS.

PRIME LOCATION : GOOD TRANSPORT FACILITIES MERCIAL / FINANCIAL SERVICES



· HIGH CUSTOMS RATES







ABANDONED

BANDONED

BANDONED

W.P PLANT

SALTEK

NATGAZ

HATCO

AGILITY

DEMCO

a FACTORY _revisited_ LINGOTTO - TORINO (1918 - 1929)

investigation of industrial areas in the process of de-industrialisation and revitalizing them.

HOW TO REVITALIZE INUDSTRY?

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- Creation of a Hybrid Morging the factory with another function where each supports the other and on a breader scale revitations to

GOALRevitalizing an industrial site by means of recycling an existing factory or industrial structure left by the downtail of industry. Creating a place of encounter and opportunity.

TOURISM Archaeology , Culture , Heritage , History

INDUSTRIAL ARCHAEOLOGY (senegroup Expanding the vision of historic procervation to include citics, objects and structures of industry. REVITALIZING deproceed industrial districts and move them from boing a manufacturing to a corvice occurry.

INDUSTRIAL TOURISM / INDUSTRIAL HERITAGE paracement industrial tandecapee / Industrial washelands
The protection, processvation and reuse of the large industrial sites onn be presidentale. This is a vast heritage that is difficult to designer, however, the meet challenging problem is how to grappie with politicion and obsenue.

CHARLIE AND THE CHOCOLATE FACTORY ROALD DAHL

Afficiently the main setting of Charlie and the Chocolate Factory to a minimum term of the control of the contr

of activity.
Afficusts as to chamber in different, a sensual quality pervades the entire testery. Its a piece where practically everything tastes, smolle, and looks good.

One of the reasone the beak is so popular with young readers in that it presents that our sun fantasies. Dahl does not shapt depict entitlement daystreams; he easile a satisfying stary in which the consult pleasures of a food fantasy are harmoniously combined with the thrill of an aggression transport.

INCUBATOR in-ou-bator [In-kyuh-bey-ter, ing-] -noun

on apperatus in which eggs are hatched artificially.
 an emissional approaches in which promotherly bear indente are an emissional approaches and enter a manufacture and enter a manufacture.
 an appearatus in which media insociation with misroerganiums are cultivated at a constant temporature.

BUSINESS INCUBATORS

Business incubators are programs designed to accelerate the supposestal development of entrepreneurist companies through an error of business support resources and services, developed and exchantesiant by incubator management and offered both in the incubator and through the nitrotter at entrates.

incubators vary in the way they deliver their carvines, in their organizational structure, and in the types of cilents they carv

Successful completion of a business incubation program increases the likelihood that a start-up company will clay in bucin the long term. oriosity, 67% of incubator graduates stay in business.



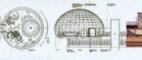


Once a huge our tactory, constructed by FIAT.

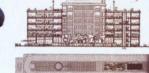
with raw materials going in at the ground floor and oars built on a line that word up through the building. Finished sare emerged at reettep level, where there was a rooftep test track.













DIE GLASERNE MANUFAKTUR - DRESDEN (2002)

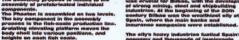








Solaro the bedy-work of the ear enter assembly line, it is presented showroom-like in the glazad



The city's hoavy industries fuelled Spain's economy and Shousends of immigrants from central and seuthern Spain moved to Silbao, the city and surrounding towns

in 1663 heavy fleads struck the city, killing many people in the province and causing great damage to the old part of the city; the old Arrigas Theater was devastated.

"No one had beard of Bilbas or knew where it was Nebedy knew how to spell it." The diagramain changed that evernight. Microsoft Word, Mr. Ritoy noted, added "Bilisco" to He spell obscise. And as word of the diagrambin spread tourists of all stripes began converging onto the small industrial offy—the Pittsburgh of Spain — just to check X. The 18th century's industrial revolution was crucial for Bilbac, with the develop

dect: Frank Gehry

GUGGENHEIM MUSEUM - BILBAO (1999)

Since then the 'Caseo Viejo' (the sid district) has been renewed, along with the general trend of renewal seen all around

The elly has recently unforgane major urban renewal, in order to move away from the region's industrial history and instead focus or taurism and services. The developments are centered around the new metro system by Sir Norman Factor (see Motro Bilhac) and, meet of all, the Guggenheim Bilbac Museum by Frank



2 44 JNITED GARMENT MANUFACTURERS UNITED GARMENT IMA LOT 38 - JOEIDE BUILT IN 1874 -TEXYILE AND CLOTHES PACTORY - Absence of Raw Mati - TVA / TAXES - NO ENERGY SUPPLY - NO SKILLED YECHNION - HIGH CUSTOMS RATES TABLISHMENT WITH MORE THAN 25 WORKERS THE BALE: AREA FOR BELLING THE DATON THE GARBAGE DUMP DUPWENT BALS: AREA FOR SELLING FIGHING EQUIPMENT GLOSED IN JULY 1987 WASTE MANAGEMENT PLAN OF ENVIRONMENT IN 1967 LIVING SPACE WOSY TOGLE ROOM W.P PLANT A RUPPAGE OF 18-3 HEAVAIDER AND A HEIGHT OF REM EGG YOME/DAY -Permed distring the styll war I design of demantic upsate and remains of the demirratibles demantiched is developed and remains of the demirration of person and maritime during placetic, gloss, and makes are sorted and to recogning and regardo waste to some to the compositing facility in Reference

Laterat Harajuku has been very sussessetut at bringing out the appeal of the town of Harajuku by zenstantly aftering sutting-edge

uest of a city is development at people': 'Incubation' business inverting the online oily through a system established to feeter decigners who earned move furround due to lack of funds and/or experience. Laforet Harajuku has supported and fostered numerous up-and-coming apparel brands and creature.

reinterpreting traditional describe Middle Eastern deeign. She has again transformed an ancient craft (iniaid mather-of-pearl) to create oran (mine metter-e-pour) is eroste olido, contemporary furniture. The combination of disciplines creates pieces with clean lines while the unexpected use of a variety of mediums have breame the options of her design.

HADY BEYDOUN

Hady Beydoun is a multi-talented artist; graphic decigner, illustrator, airbrucher and he is also famous for his tallocs,

4, during the war (1988). Wonty years later he is one of the most

ELIE SAAB

In 1882, Sast launched his own Seirut-based fashian label when he was 18 years eld. His main workshop is in Lebanon; he also has workshops in Milan and Parls,

Sant is self-trained, He started sewing as a child and know that one day he would make a living out

in 1881 he moved to Paris to study facilities, but ended up returning and opening his workshop in 1985.

In 1667 Saab was the first non-fialian designer to become a member of the Italian Gamers Masion-ale della Meda, and in 1667, shewed his first policotion outside Lebanon in Rome.

in 1888, he started ready-te-wear in Milan, and in the earne year, he hold a fachion chow in Menace which was attended by Princess Stéphanie of

He became an overnight success after he became the first Lebanese designer to dress an Occar winner, Halle Berry, in 2002.



GROUND FLOOR PLAN



- INDUSTRIALISTS - BUSINESS MEN - INVESTORS - ENYREPRENEUR

· YOURISTS

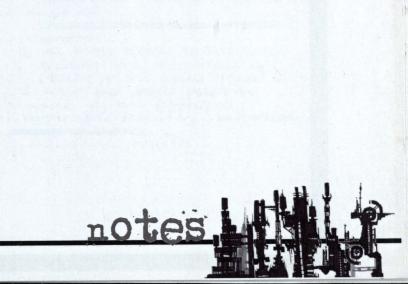
- LIBRARY - CALLERIES - MUSEUM - EVENT SPACE - CONFERENCE ROOM

BIBLIOGRAPHY

- Bergeron, Louis, Narts Terron Mateltur-Purists, and Eric Golony. History, Architectur, and Etaphencing; American Ingestell, 1795-1899, Squitery, Harry S. Streams, Interperated, 2005. - Technol, Record, The Montaline Transactors, May Society, M. Martine, S. 1888. · Climbia and the Charactic Parters Str. John Assess, Buck, Advance Spins, 2015, Spinster, Str.







Dec. 2. 2008 - mens question -- methodology - film -+ andusms / Eng & Arces. - Spatial investigation of corclined sakeinolders . artists: · investers: Case Strails · Touristo: Site Analysis -laws - demate . - protos -- topography win mis me? bet of industrial heritage wanter position in water at transportation, close to port etc. Recycling as essing factions. Already programmed for industry - strategic position -Attracts art districts

methodology: for later & End of December (Rul program & violes) sailed by as interest in mausing and ind. areas and rentationar case strains of warsforming on are a faction Site selection Area wi both a tallow deed and functioning jackores. abardored because I wanted to fouch - WOUL CON to not only relive as abandoned cachon mu il- mitrate as interes in the whole onear 3 want the people potential users of the project to appreciate noustry / to & potos protocold acate ndusmal tourism.

a lectory revisited in the process I'm interected in industrial areas , and rentalizing mem tagadding to by adding builty creating as opportunity for Bisires invesments and howism perenating to add incom is me nousm'al economy proposed 3 scénarios la Revitalize

Since I'm Merened in the Keeping me industry in my site, a drat thinging in an 8' looked for potential sues that have abandoned smodines and also functional factories -

Recyclery a pochery An abandoned envilue, apposed to a new one has trailage a perfetter nevierge stite manyested in it's relics

FRAMINE 2 DIRECTIONS

charlie & me chocolate pachery

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2 DIRECTIONS

CASE STUDIES

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Boua/Alandord

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ABSTRACT => OK

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34 Appreciation of Industry.

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All Endurine Fores in leparer 3/ Enterieu w/ Ho Ramez Abindale.

Abstract:

Reason + Conclusion

Develop Program +

Dec. 12.2009

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design as the most flexible space as you can foresee.

Re linking on wood lines smaller light ordering immediate context of B.H. industry - site - neighborhood Cont adg to onthe who ? keepy qualities of lolag. how can acquirecture contribute to parients? How can cancer relief be manifested spatially? where you've come from? How do you position you self? why aid you magse this Este? DISCRIMINGATE. POSITION YOURSELF TAKE ONCE AS A MODEL MANIFEST THE MODEL SPATIALLY THE LINK TO EXISTING STRUCTURES

