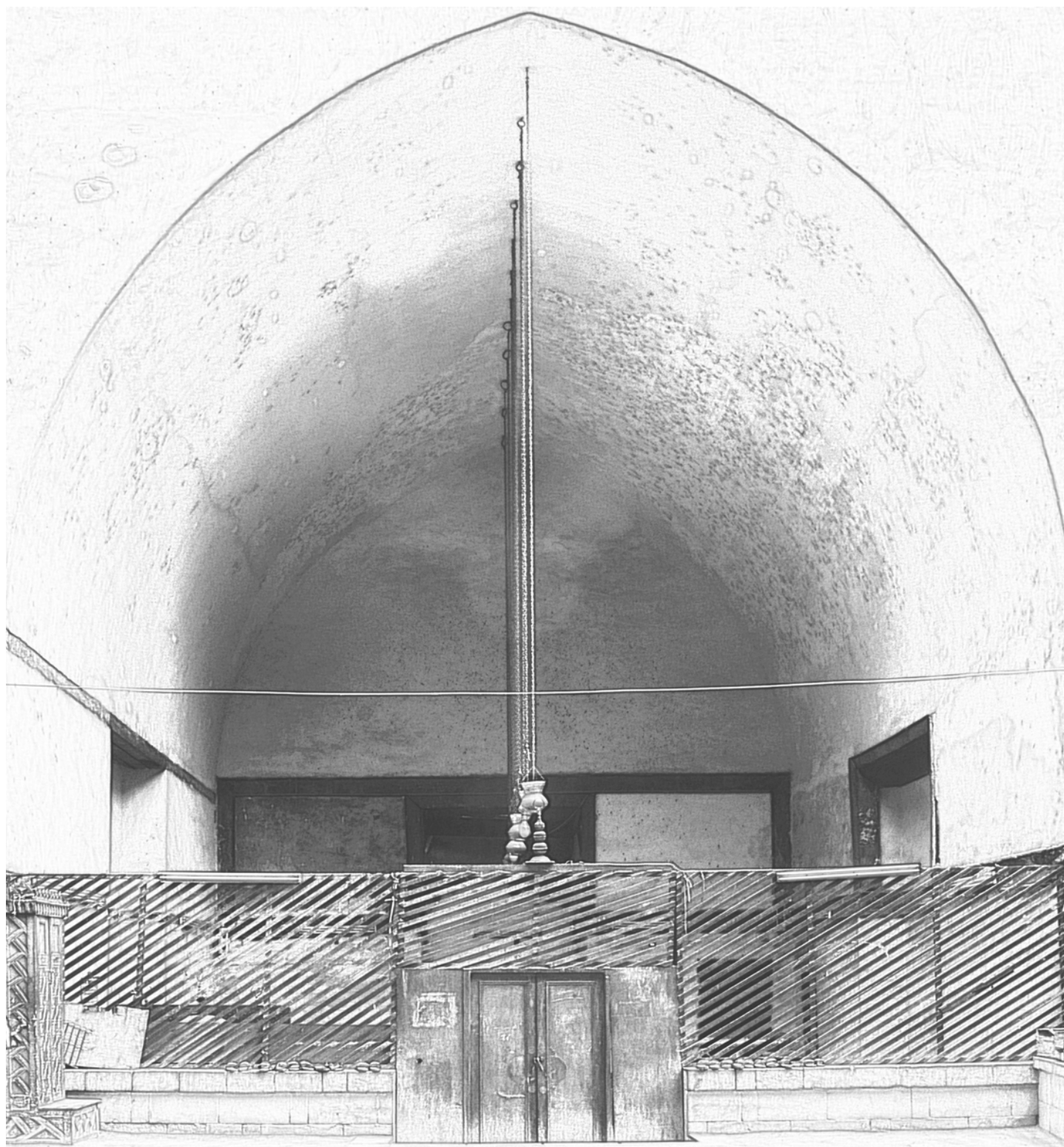


CHS

The International Summer School

MADRASA OF AL-SALIHEYA

WORKSHOP PREPARATORY DOCUMENT



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Collaborative Urbanism and Architecture Lab

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PARTNERS



Cairo Heritage School is a collaboration that aims to research and apply sustainable interventions which address the preservation of our cultural heritage and the urban development of historic neighbourhoods.
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A research, design, and communicative practice that is constantly pushing the limits and rethinking why and how we do things to find new ways to sustain this productive, creative and fluid state of new endeavours.



The Arab Academy for Science, Technology & Maritime Transport is a regional university operated by the Arab League. It's architectural program is the only accredited Program from the Royal Institute of British Architects (RIBA) in Egypt and Africa.



The Ministry of State for Antiquities is entitled to protect and promote the cultural heritage of Egypt, both independently and in cooperation with national and international organizations.



MEGAWRA is an architectural hub and a platform for holistic debate on the field of architecture and urbanism with a focus on it as art, theory, praxis and cultural heritage and its role in promoting sustainability and social responsibility in the built environment.



The department of Historic Cairo is entitled to protect and promote the cultural heritage of Egypt, both independently and in cooperation with national and international organizations.

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Preface

This document aims to act as a handout for the participants during the workshop week. It is designed to easily assist them in their group work to get down to the task, get acquainted to the context and the case project, follow up the workshop schedule, and get introduced to the assessment criteria of the final Jury.

It contains the main given data of the case-study building, its context and the methodology adopted in the workshop. Participants are requested to read it carefully prior to the start of the workshop, and then keep it as a reference to their team work during the workshop period.

CHS expresses its gratitude:

Representatives of the administration of Historic Cairo:

| Mohammed Abdel Azziz
Assistant of the Minster of Antiquities

| Sherif Fawzy
Supervisor of the development and heritage reuse unit

Representatives of the architecture department, Faculty of Engineering, in the Arab Academdy for Science, Technology and Maritime Transport:

| Sherif El Fiki
Head of Department

| Shaimaa Ashour
Head of Cultural Committee

This workshop is an enormous collaboration of efforts. Some of its contributors did not receive any sort of compensation; thus, this small dedication is -the least CHS can do- to thank them and show some appreciation. Thanks to all professors and doctors, and all lecturers who supported us and managed to contribute and enrich the workshop with their valued experiences. Nonetheless, thanks to Nagwa and Alaa Ashour, from the ministry of Antiquities for providing valuable information and their support at many stages in the workshop preparation and planning.

Thanks to the community of Al-Saliheya Madrasa, residents and craftsmen who gave us time to narrate their stories and hosted all CHS team which facilitated the delivery of this document. Professional thanks go to Yurie Nagashima and Per-Axel Frielingsdorf, our workshop observers, and reviewers. And finally, thanks to our friends and family who believed in us.



1 AIMS & OBJECTIVES



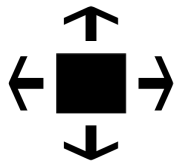
To compete in proposing architectural scenarios for the reuse of the Maq'ad that lies in Historic Cairo.

The workshop is a competition, so juries are asked to decide the winner team. The role of jury is an expert assessment of ideas and projects from the point of view of its probability to be embodied and its contribution to the sustainable heritage management.



To introduce heritage adaptive reuse as a catalyst for urban upgrading.

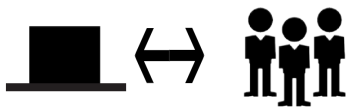
Adapting heritage structures of Historic Cairo for reuse should be planned and integrated within the environmental upgrading projects that aim to improve the life of people living and working in the area.



To introduce the concept of contemporary additions/ installations to heritage buildings.

"The use of contemporary architecture for additions to historic buildings is the best way to contribute to the historic fabric... By using a contemporary style, we add to the historic building elements that truly speak for the present"

Torres, 2009*



To act as an exemplary project of heritage reuse that makes "local community participation" as one of its pillars and to dissolve the barriers between citizens and cultural heritage.

In Cairo's deprived context, every heritage adaptation project - even if the new function is not directly related to the community - should, by one mean or another, address the cause of developing the socioeconomic aspects of the neighbourhood and, thus, should be assessed for that end as well.

Siravo, 2004**



To promote Historic Cairo as a lively cultural heritage district.

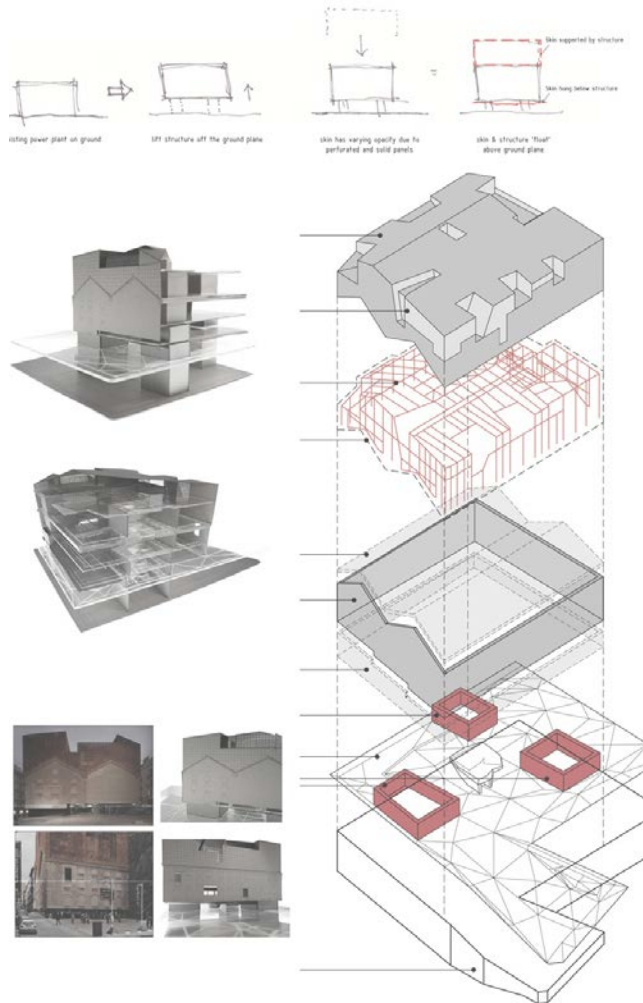
The best way to restore vitality and liveability to a community is to build on its strengths such as heritage assets. Cairo's heritage assets can better utilized to act as catalysts of urban revitalization and upgrading, even during severe economic recessions and decline in rates of foreign tourism.



• El Sannary's House is currently run by Bibliotic Alexandria as a cultural centre

2 METHODOLOGY

Process



Graphics adapted after: <http://breannacarlson.com/Structural-Analysis-Caixa-Forum>

Despite that this workshop is based upon an actual demand of reusing historic buildings, the workshop follows an academic model of design creative process. This model is characterized to be an educative model that encourages design outcome by the participants. Indeed the end product is important, however, the process itself and the reasons that had lead to such product matters as well.

Participants are in an educative process, thus certain amount of guidance shall be provided. To be able to follow-up with participants and guide them through the project, the workshop is divided into multiple phases. By the end of each phase, a constructive feedback is provided to ensure that the participants have grasped the workshop technical information, and are on the right (their own) track using this information to produce the final design.

To open up the floor for creative interventions, there shall be no limitations or deliverables required from the groups, whereas each group is responsible to communicate their product the way they desire, using sketches, 3D models, architectural plans, sections, layouts, isometrics...etc. However, each group shall abide to content amount as explained in the next sections.



Image courtesy: Irkutsk Winter University

“ whatever good things we build ends up building us

Jim Rohn - entrepreneur

Team Formation

To encourage the competitiveness of the participants in such workshop model, the participants are divided into groups of 5 (approx.). The organizing committee (CHS) is the one entitled to divide the groups according to each individual's background and field of experience. No shifts are allowed between the assigned groups.

Each group will be composed of a mixture of backgrounds, ages, genders and nationalities. This diversity shall enrich each group's discussions and final product. Members of local community will join your teams starting on Sunday the 7th of August.



FREEDOM OF PROPOSALS

This is the agreement with local government that teams participating in The Adaptive Reuse Workshop have total freedom to share their individual ideas.



FEEDBACK SESSIONS

During workshops, presentations are held, to exchange knowledge and ideas. It allows teams to present their ideas, strategies and proposals, and receive constructive feedback.



IT'S HOT & INSPIRING!

The hot and humid climate of August in Cairo is a challenging condition, yet a motive in itself to think of environment-responsive design for the reuse.

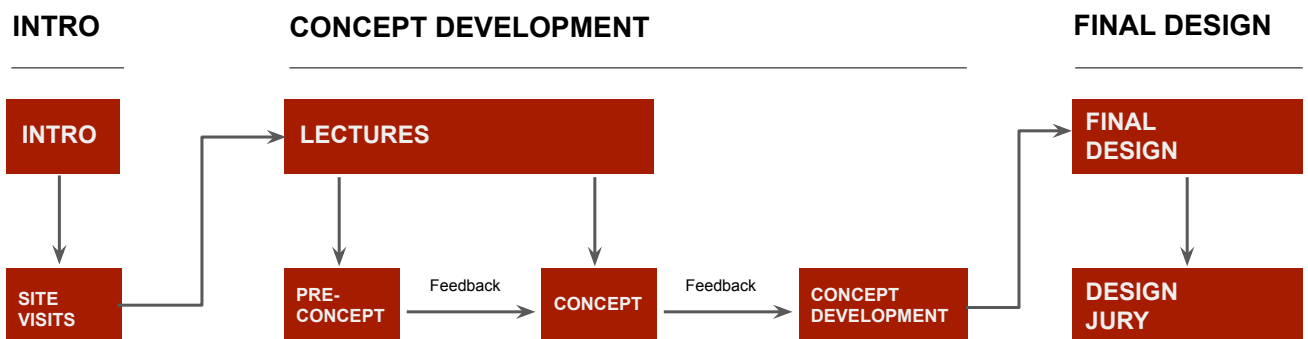
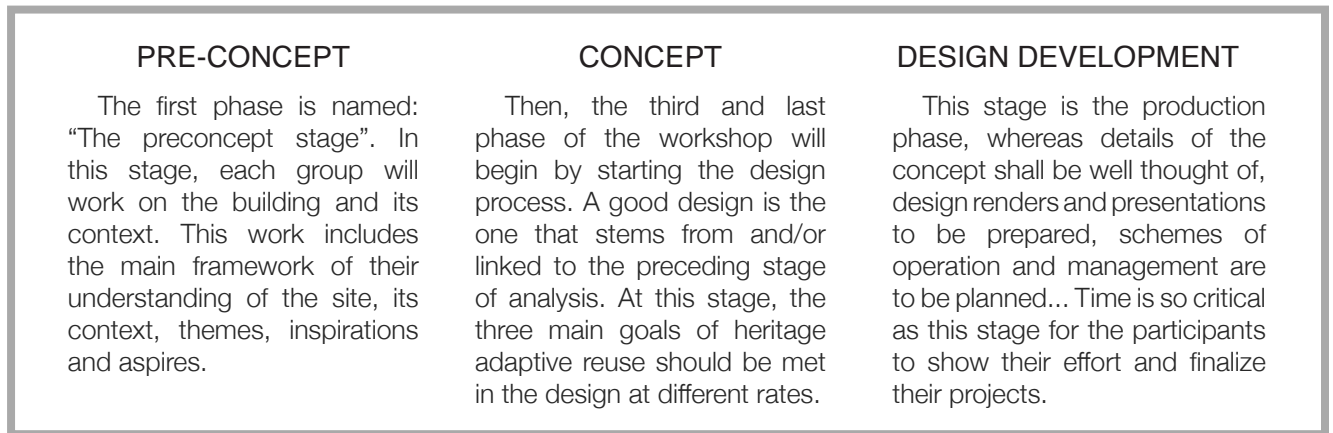
workshop venue



Qasr el Amir Bishtak, el Moe'z St., El Gamalyah (Beside Sabil Kuttab Abdulrahman Katkhuda)

METHODOLOGY

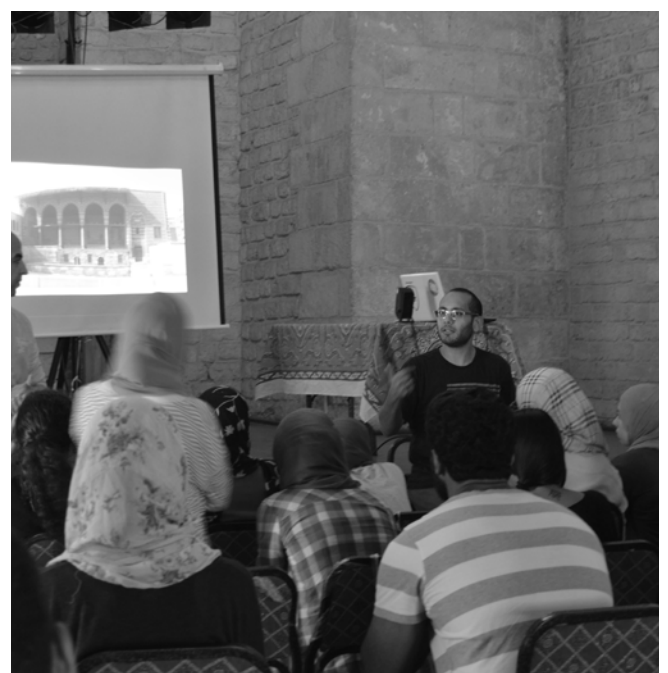
Phases



Despite that a large part of the adaptive reuse of heritage is an architectural design exercise, the design process should depend -first- upon an intensive investigation and analysis of the building, its structural status, recent conservation interventions, enviro. surrounding's conditions as wells as many other factors that might influence or constrain the design. For that end, the workshop is split into three main phases.

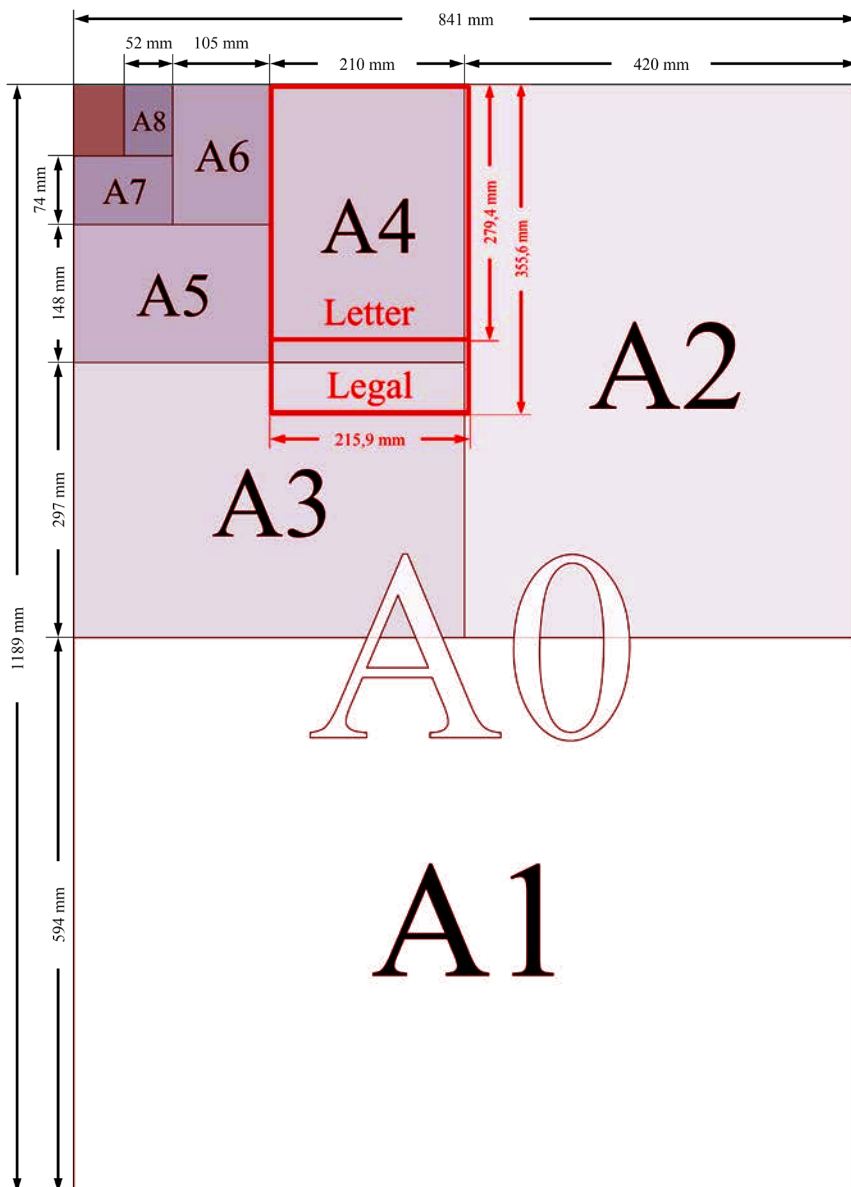
The first two phases are characterized by the lectures by the experienced staff. The amount of lectures decreases along phases for two reasons: the first is to immerse the participants directly into the workshop topic in its beginning. The second reason is to give the participants more time to work on their design proposals towards the end of the workshop.

Each phase has an expected outcome. The last phase's outcome is assessed by the final jury. The rest of the phases' output will be assessed and discussed by our technical board in the workshop venue.



Deliverables

PRE-CONCEPT	CONCEPT	DESIGN DEVELOPMENT
<ul style="list-style-type: none"> - MAX 500 words abstract in an A4 paper. - One A3 paper of illustrations, sections, diagrams, flowcharts, sketches, comics, plans...etc. -10 minutes presentation per group. 	<ul style="list-style-type: none"> - MAX 1000 words text. - One A2 paper of illustrations, sections, diagrams, flowcharts, sketches, comics, plans...etc. -15 minutes presentation per group. 	<ul style="list-style-type: none"> - MAX 4000 words text. - One A0 portrait paper of illustrations, sections, diagrams, flowcharts, sketches, comics, plans...etc, also includes the 4000 words. -20 minutes presentation per group.



Each group is responsible to deliver the submission of each phase based on the previous guidelines. In addition, following rules apply:

1. Softcopies are to be e-mailed on time to info@cairoheritageschool.com with the title:
GRP_group number_phase name
GRP_2_Concept
2. Punctuate submissions on time is essential to remain on schedule.
3. Group work is the product of the whole group, if multiple opinions exist, chose the best or provide alternatives for workshop professors to discuss during feedback sessions.
4. Physical models are optional. Raw materials will be provided by workshop organizers on request.

Assessment criteria

The produced design should be explained in light of the main goals of reuse. In other words, design is judged according to how far did it succeed in first: prioritizing the goals of reuse according to the conditions of the case study building, and second: how far did the design serve to solve these identified issues.

If the analysis in the pre-concept and concept phases and design are not strongly connected, then the design might be considered week even if it is aesthetically and architecturally fit.

3 PROGRAM

Workshop Activities



Block A (Introduction,
Lectures,
and Field Trips)

Block B (Analysis)

Block C (Concept)

Block D (Concept and
Development)

VENUE	TIME	ACTIVITIES
Day 1: Thursday, 20 of June, 2019		
AASTMT	8:30-10:30	Opening Ceremony
		Introductory statement
		Workshop objectives
		Words by partners
Excursion 1	11:00-13:30	Short tour in Historic Cairo
Workshop Venue	13:30-15:30	Lecture (Introduction to Historic Cairo) UNESCO- CULTANT
	15:30-16:30	Icebreaking activities & Group division
Day 2: Friday 21 of June, 2019		
Workshop Venue	8:00-9:00	Lecture Madrasa of Al-Salhiya
Excursion 2	9:00-12:00	Site visit to Madrasa of Al-Salhiya - Guided Tour
Workshop Venue	12:00-13:00	Friday Prayer - Break
	13:00-14:00	Lecture (Heritage Adaptive reuse)
	14:00-15:00	Lecture (Documentation Process)
	15:00-16:30	Group work - Analysis
Day 3: Saturday 22 of June, 2019		
Bait Yakan	08:00-9:30	Lecture (Impact of heritage conservation on surroundings) Tour @Bayt Yakan
	9:30-11:00	Lecture (Restoration & conservation of historic city of Muharraq, Bahrain)
Workshop Venue	11:00-12:00	Break + moving to workshop venue
	12:00-13:00	Lecture (Introduction to Urban Design)
	13:30-15:00	Group work - Analysis
	15:00-16:30	Group work - Analysis
Day 4: Sunday 23 of June, 2019		
Workshop Venue	08:00-09:00	Pin-up Presenting analysis & feedback
	9:30-10:30	Lecture (Community Participation)
	10:30-12:30	Group work - Analysis
	12:30-13:30	Break with snacks
	13:30-15:00	Group work - Analysis
	15:00-16:30	Pin-up Presenting analysis & feedback
Day 5: Monday 24 of June, 2019		
Workshop Venue	08:30-10:30	Lecture (Al-Khalifa)
	10:30-11:30	Lecture (Cultural Significance and the Contention value in Architectural Conservation)
	11:30-12:30	Group work - Analysis
	12:30-13:30	Break with snacks
	13:30-16:30	Group work - Concept
Day 6: Tuesday 25 of June, 2019		
Workshop Venue	08:00-09:00	Lecture (Heritage Management & Heritage Interpretation)
	09:00-10:00	Lecture (Toolbox for interventions in historic sites)
	10:00-12:30	Group work - Concept
	12:30-13:30	Break with snacks
	13:30-14:30	Group work - Concept
	14:30-16:30	Pin-up Presenting Concept & feedback
Day 6: Wednesday 26 of June, 2019		
Workshop Venue	08:00-09:00	Lecture (Environment, reuse and regeneration)
	09:00-12:30	Group work - Concept Development
	12:30-13:30	Break with snacks
	13:30-16:30	Group work - Concept Development
Day 7: Thursday 27 of June, 2019		
AASTMT	09:00-09:30	Orientation for jury
	09:45-12:00	Groups Presentations....
	12:00-13:00	Break & snacks
(Gamal Mokhtar Auditorium)	13:00-13:45	Closing Ceremony (Concluding statement & Certificates)

4 AL-MADRASA AL-SALIHEYA

Historical background

Information about the Monument:

Name: Mausoleum and madrasa of Salih Negm Al-Din Ayyub. (Warner, 2004)

Other Variant Names:

- Funerary Complex of Salih Najm al-Din Ayyub.
- Madrasat wa-Qubbat al-Salih Najm al-Din Ayyub.
- Al-Madrssa Al-Salihiyya (Variant)
- Madrasat wa-Qubbat al-Malik al-Salih Najm al-Din Ayyub
- Madrasa and Mausoleum of al-Malik al-Salih Najm al-Din Ayyub. (Archnet, n.d.)

Description:

The madrasa of Salih Negm al-Din Ayyub is the first madrasa built in Egypt to provide education for all four schools of jurisprudence (maddhabs). The madrasa is separated into two parts, roughly equal in size, separated by a street that runs under the minaret of the complex. A common facade links these two part of the madrasa, and the minaret lies almost at its center. The madrasa is constructed on the western part of the former Fatimid castle. The tomb, built in AD 1249 by Shagarat al-Durr, Sultan Negm al-Din Ayyub's

wife, was later added to this madrasa. It created a precedent to be followed later on; which is building a tomb together with a madrasa. The Madrasa is an Ayyub building complex in Fatimid Cairo center; the complex overlooks the street, designed in a way including spaces that resemble kasbah for the king. The best known example that followed this approach is Qalawun complex, which was one of many similar complexes built later by other sultans. However, before the end of the Ayyub dynasty, the complex of Al-Saleh only accommodated a madrasa and a mausoleum. (Archnet, n.d.)

Translated:

Sultan Salih Tomb (Translated)
Najm al-Din Ayyub Tomb (Translated)
Date: AH 641 / AD 1243

Period:

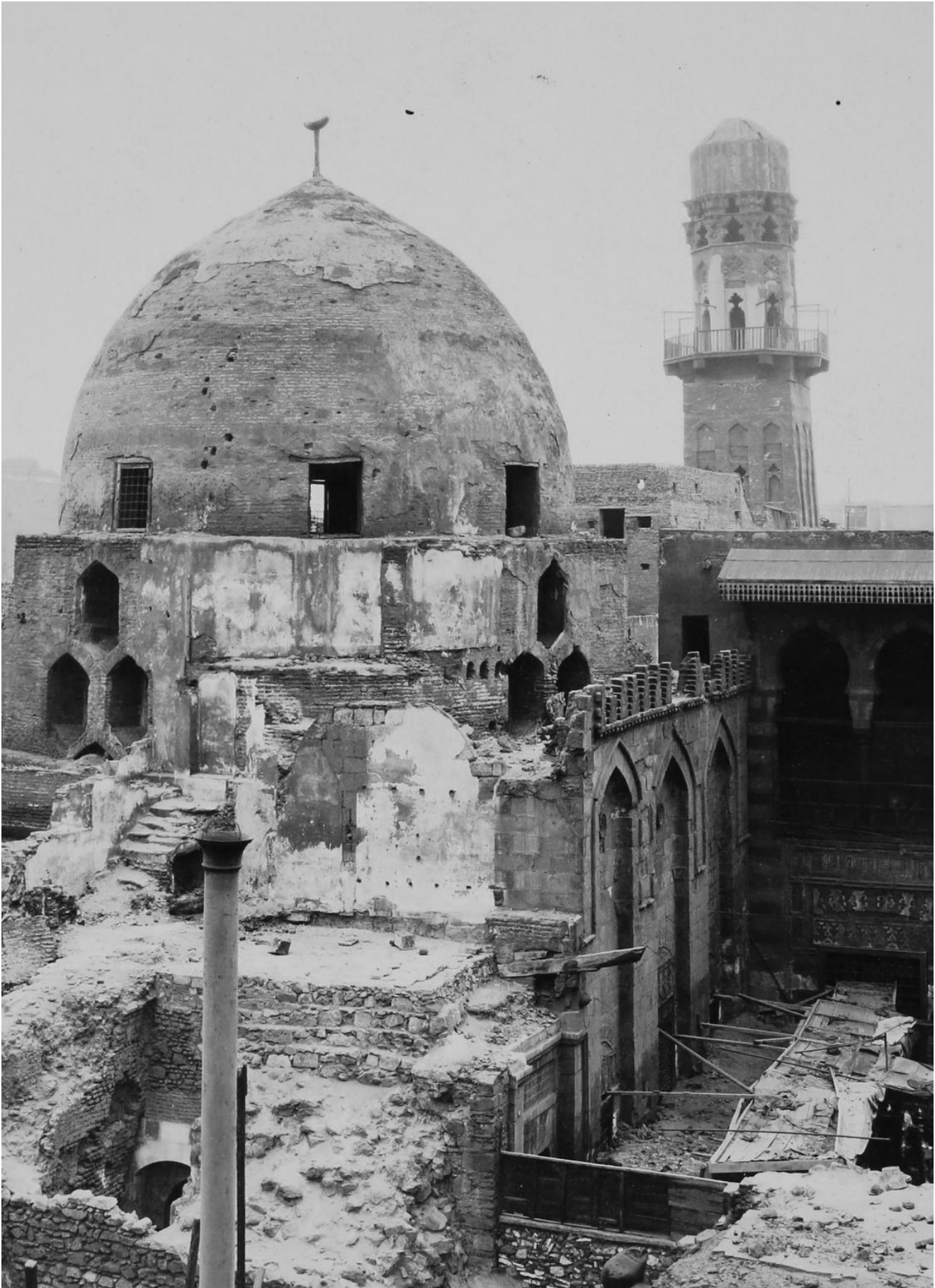
Ayyubid

Location:

Shari' al-Mu'izz li-Din Allah, Cairo, al-Qahirah Al-Gamaliya

Since the 11th century, Madrasas built in Egypt, which provided training and higher education, played a huge role in spreading intellectual development of Islam. The map of al-Maqrizi, one of the maps that shows historical accounts, documents 24 madrasas in the Ayyub Cairo. However, only the Madrasa of Al-Saleh and Madrasa al-Kamilwere are still existing, the rest were destroyed. The Madrasa of Al-Saleh did not fully survive, only a part of the western iwan is still remaining of the original building.(Archnet, n.d.)

The madrasa has a dome made of simple plastered brick, whereas the interior is made up of more expensive materials. A band with inscription made of stucco, can be seen running along the walls. Glass mosaic decorations are found in the Mihrab, which is the first to be documented in Muslim Egypt. Wooden elements, including the tabut over the grave, are intricately carved. (Warner, 2004) There are two special architectural features that can be found in the minaret; it is made of stone and it is the first type of Cairene minaret. These two features were introduced from Syria. (Davis, n.d.)

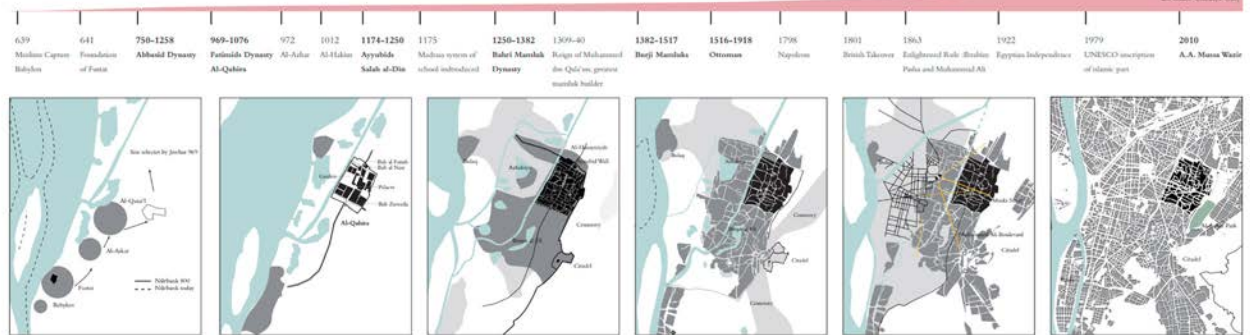


*Al- Madrasa Al- Saliheya 1921
Creswell, Keppel Archibald Cameron (1916-1921)*

AL-MADRASA AL-SALIHEYA

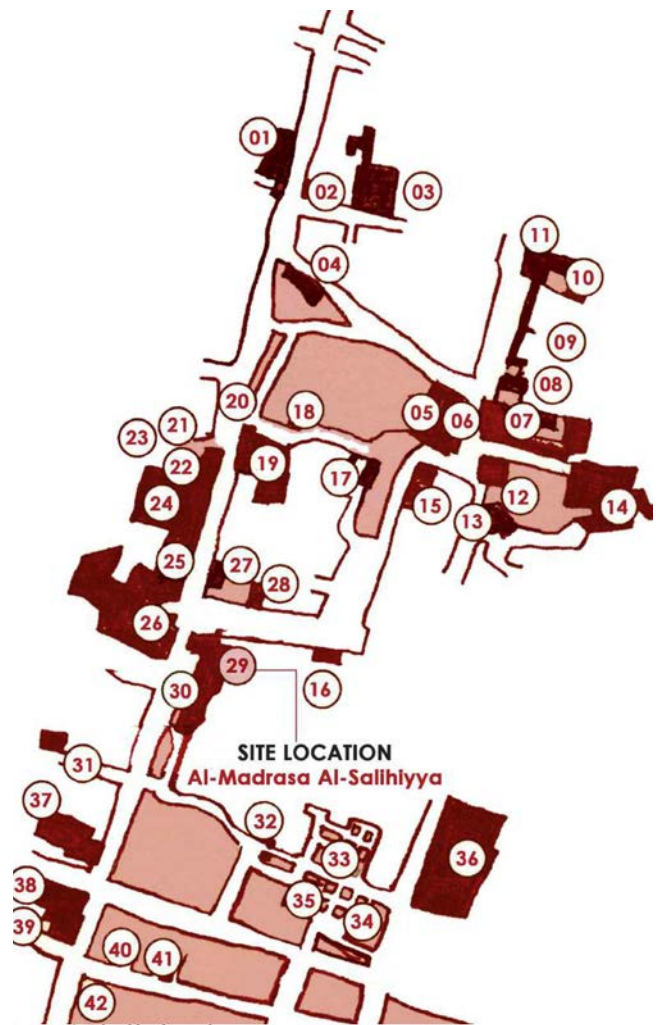
Analytical maps

ISLAMIC CAIRO

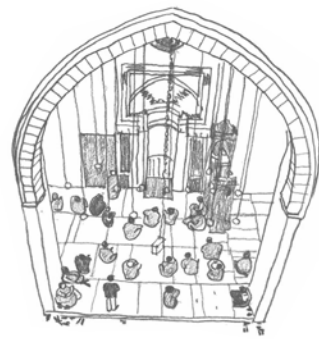
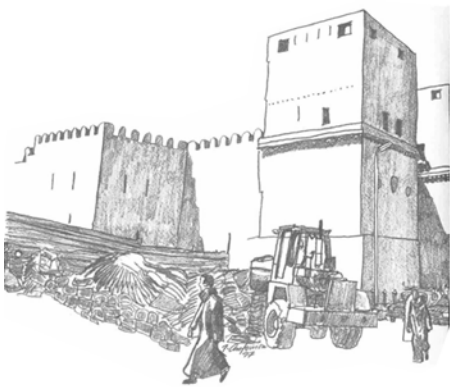
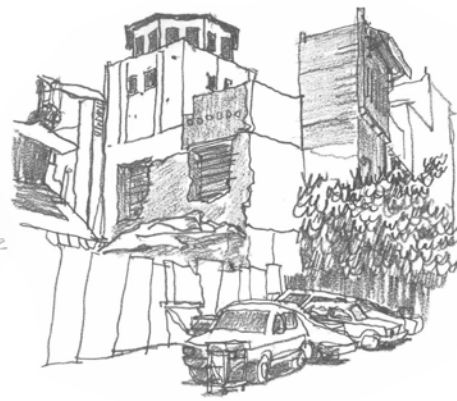


Published by ETH Studio Basel Contemporary City Institute.

- 01 Mosque-Sabil of Sulayman Agha al-Salihdar
- 02 House of Mustafa Ga'far
- 03 Bayt Al-Sihaymi
- 04 Mosque of Al-Aqmar
- 05 Wikalet Al-Bazar'a
- 06 Mosque of Gamal AL-Din Al-Ustadar
- 07 Wikala and Sabil of Oda Bashi
- 08 Ottoman Bawabat Harat al-Mubayyadin
- 09 Madrasa-Mausoleum of Amir Qarasunqur
- 10 Khanqah of Baybars II
- 11 Hosh Utay
- 12 Mosque of Mahmud Muharram
- 13 Ottoman Mosque of Marzuq al-Ahmadi
- 14 Musafrikhana Palace
- 15 Madrasa-Mausoleum of Tatar al-Higaziya
- 16 Maq'ad Mamay al-Sayfi
- 17 Madrasa of Amir Mithqal
- 18 Tomb of Shaykh Sinan
- 19 Palace of Amir Bashtak
- 20 Sabil-Kuttab of Katkhuda
- 21 Hammam of Sultan Inal
- 22 Mosque of Hasan Katkhuda
- 23 Madrasa of Al-Kamil Ayyub
- 24 madrasa and Khanqah of Al-Zahir Barquq
- 25 Madrasa and Mausoleum of ibn Qalawun
- 26 Madrasa of Sultan Al-Mansour Qalawun
- 27 Sabil-Kuttab Isma'il Pasha
- 28 House of Uthman Katkhuda
- 29 Madrasa and Mausoleum of Al-Salih Ayyub
- 30 Sabil-Kuttab of Khusraw Pasha
- 31 Wikalat Al-Gawahargiya
- 32 Bab Al-Badistan
- 33 Wikalat al-Qutn
- 34 Fishawi's
- 35 Wikalat al-Silahdar
- 36 Mosuqe of Syidna al-Hussein
- 37 Mosque and Sabil of SHeikh Mutahhar
- 38 Madrasa and Sabil of Sultan Ashraf Barsbay
- 39 Spice Market
- 40 Midaq Alley
- 41 Market
- 42 Perfume Market



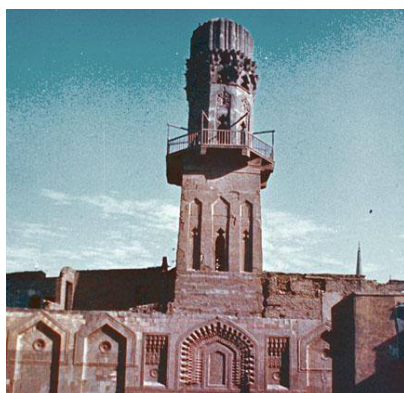
Historical monuments map of Al Gamaliya district hosting Madrasa of Al-Salih Najm Al-Din Ayyub.
Source: Antonio, J. (1998). Edited by the Authors.



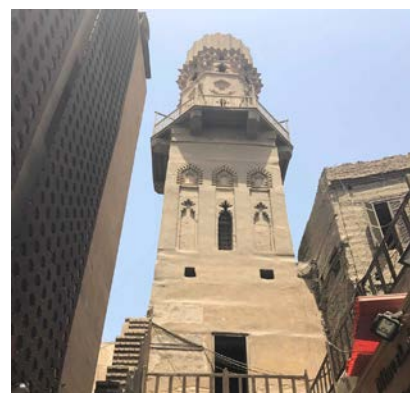
Sketches of the monuments located in the surrounded area of Madrasa of Al-Salih Najm Al-Din Ayyub.
 Source: Antonio, J. (1998). Edited by the authors.



Source: Creswell, Keppel Archibald Cameron (1916-1921)



Source: John A. and Caroline Williams Archive photos in 1968 - 1978



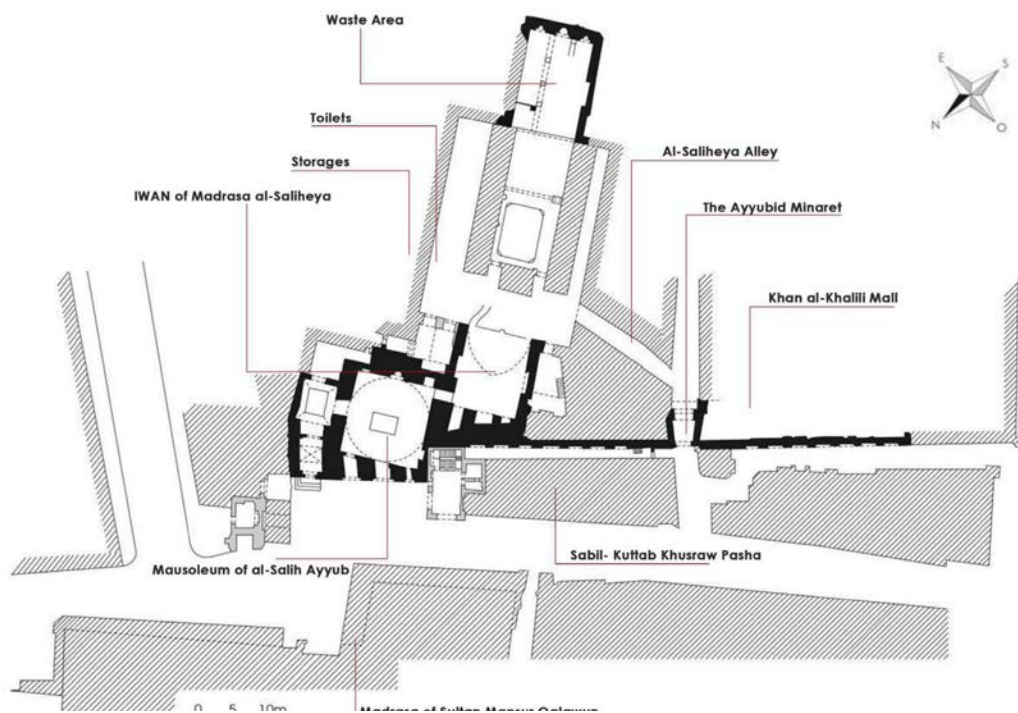
Source: Author

AL-MADRASA AL-SALIHEYA

Analytical maps



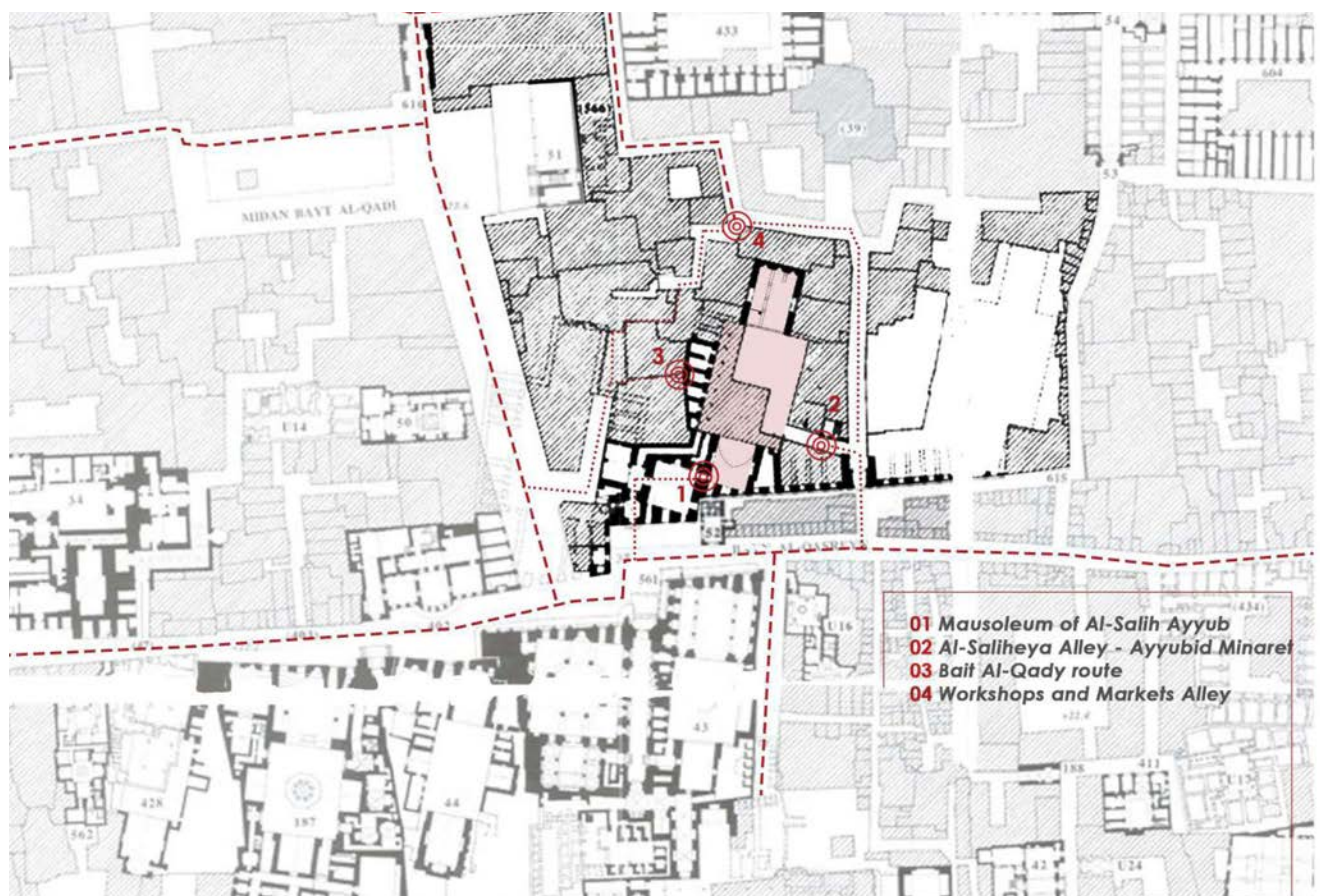
Location of Madrasa of Al-Salih Najm Al-Din Ayyub.
Source: Google Earth, Edited by The Authors.



Plan of Madrasa of Al-Salih Najm Al-Din Ayyub.
Source: Creswell, K.A.C. Edited by the Authors.



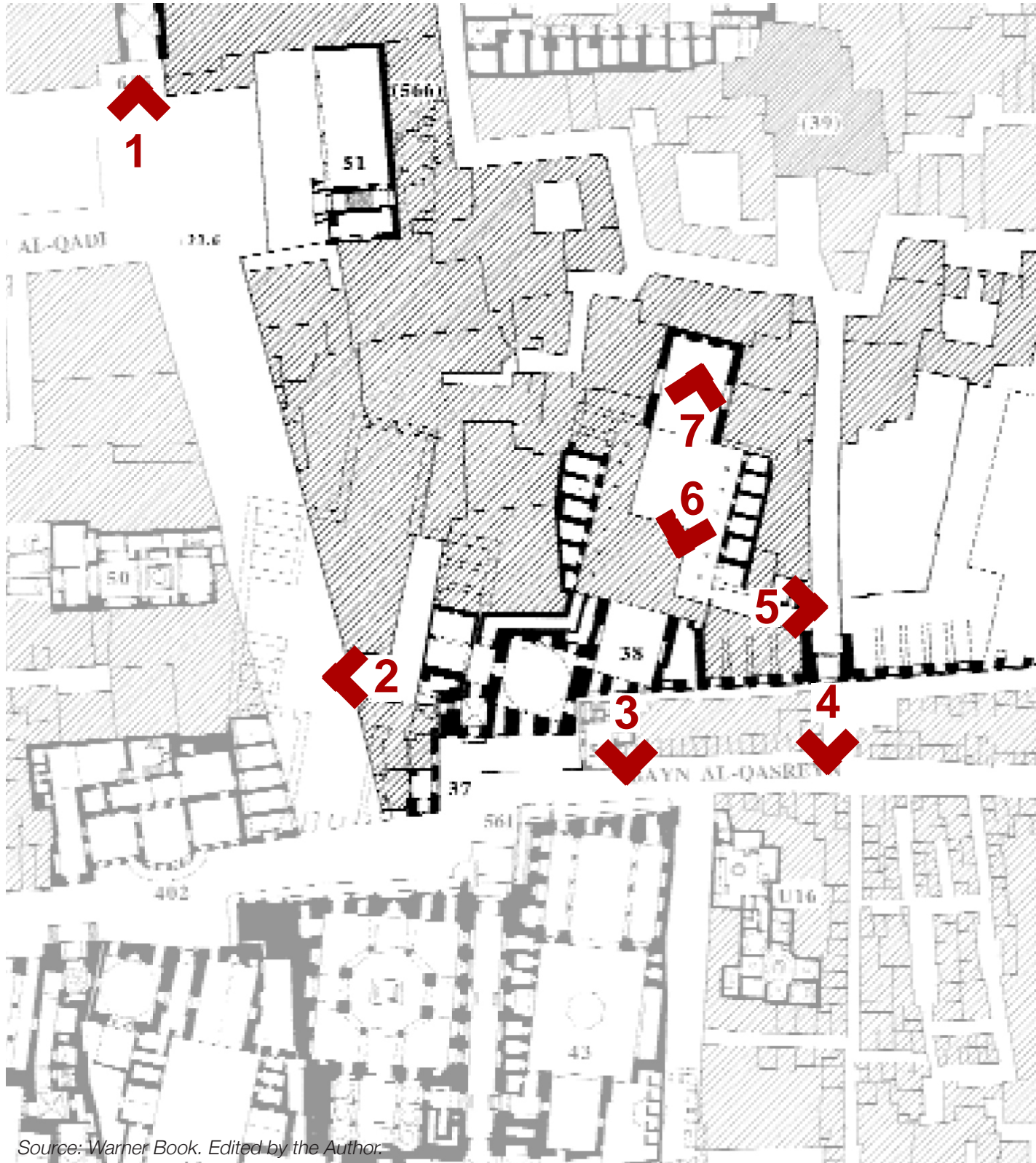
The Urban fabric of the surrounded area of Madrasa of Al-Salih Najm Al-Din Ayyub.
 Source: Warner, N. (2004), Creswell, K.A.C. Edited by the Authors.



Accessibility to Madrasa of Al-Salih Najm Al-Din Ayyub.
 Source: Warner, N. (2004), Creswell, K.A.C. Edited by the Authors.

AL-MADRASA AL-SALIHEYA

Analytical maps



Source: Warner Book. Edited by the Author.

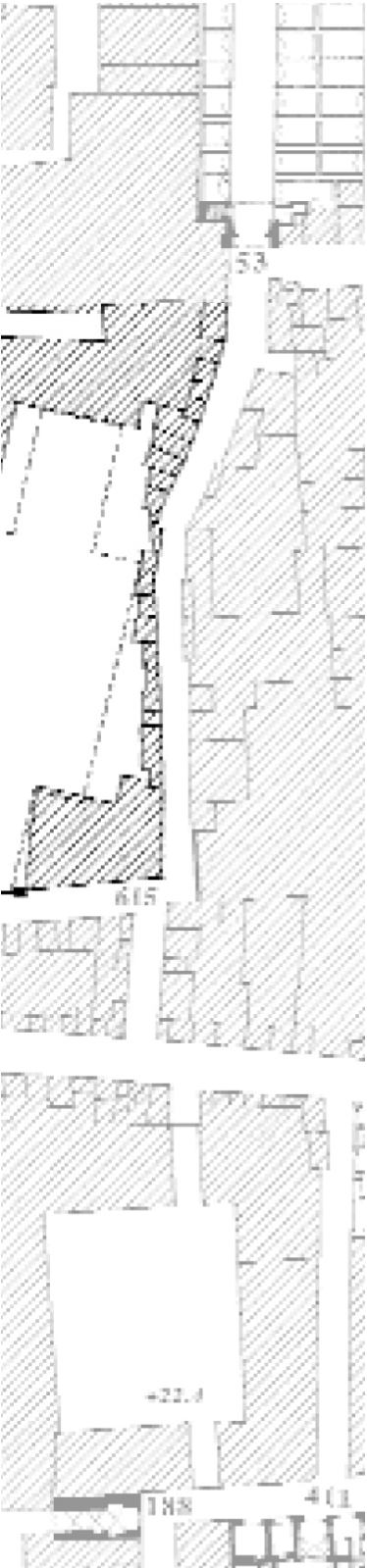


Image 1: Passage from Bayt Al-Qady



Image 2: Mausoleum of Salieh Negm El-Din Ayyub



Image 3: Sabil Kuttub of Khesro Basha



Image 4: Entrance Passage to Haret El-Saliheya



Image 5: Western Passage of Haret El-Salheya



Image 6 & 7: Inner Court of Madrasa Al-Saliheya

AL-MADRASA AL-SALIHEYA

Analytical maps



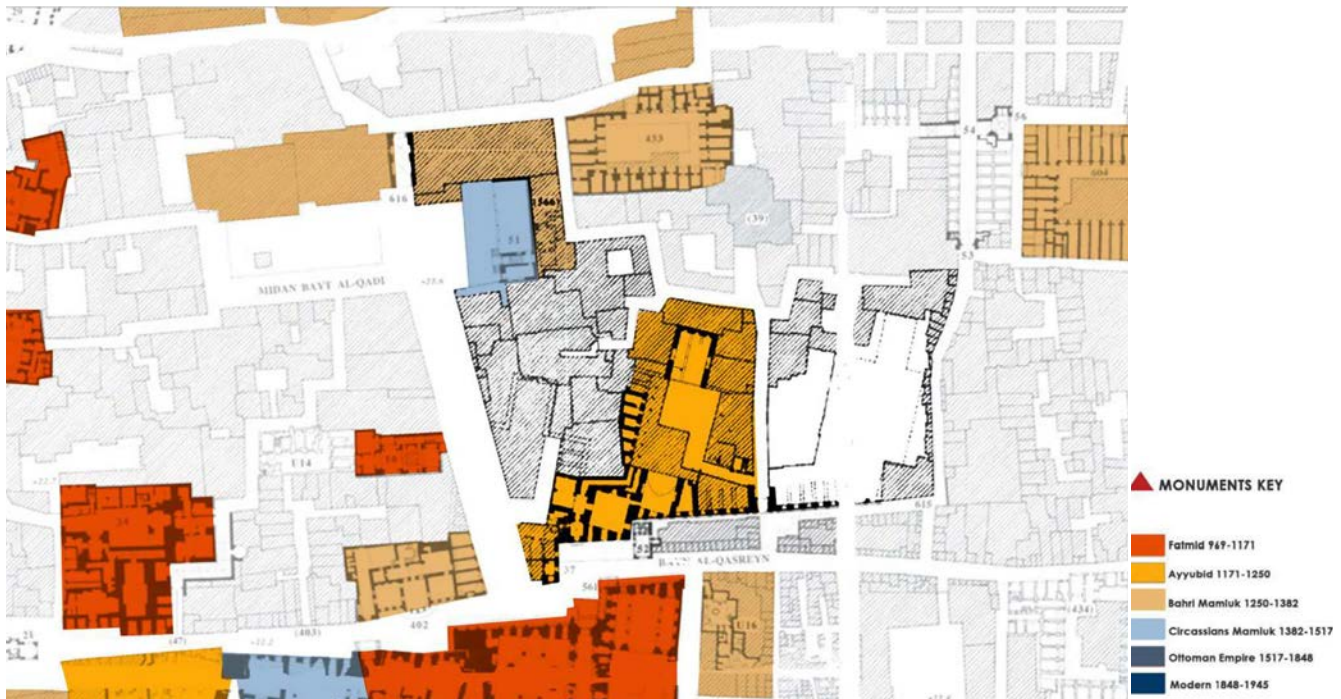
Heights in Al Gamaliya District.
Source: Ministry of Antiquities, 2018. Edited by the Authors.



Land Use map Al Gamaliya District.
Source: Ministry of Antiquities, 2018. Edited by the Authors.



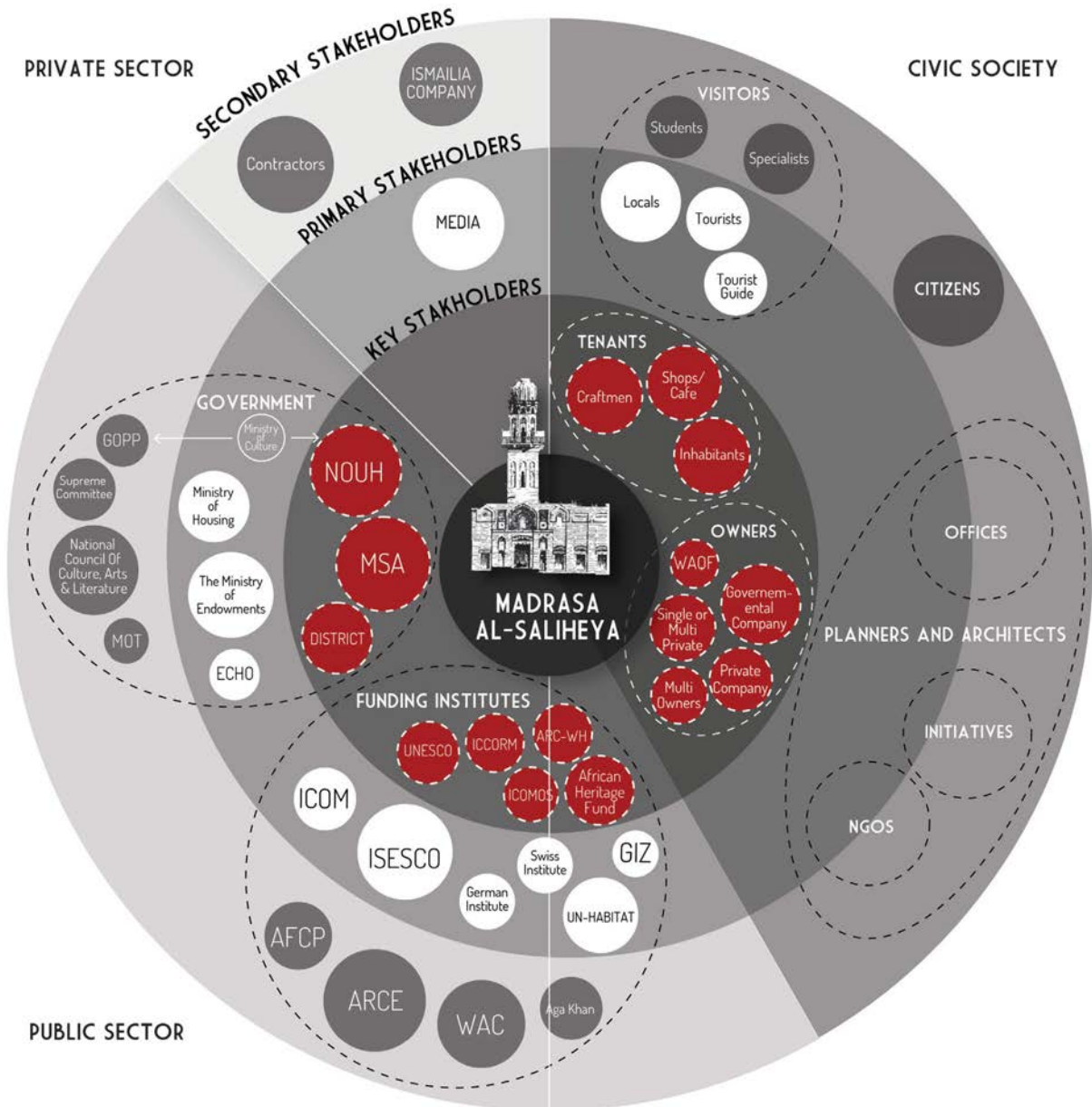
Conditions of the buildings in Al Gamaliya District.
 Source: Ministry of Antiquities, 2018. Edited by the Authors.



Monuments analysis located in Al Gamaliya District.
 Source: Ministry of Antiquities, 2018. Edited by the Authors.

AL-MADRASA AL-SALIHEYA

Socio-economic studies

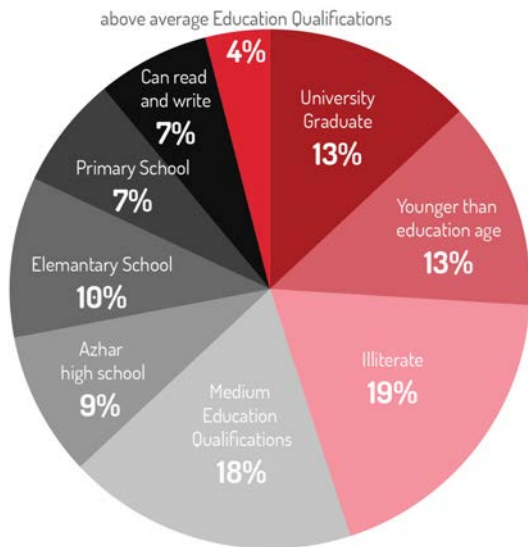


MOT: Ministry of Transportation
ECHO: Egyptian Culture Heritage
MSA: Ministry of State for Antiquities
NOUH: National Organization for Urban Harmony
WAC: World Archaeological Congress
ARCE: The American Research Center in Egypt

SESCO: Islamic International, Educational, Scientific and Cultural Organisation
ICOM: International Council of Museums
ICCORM: International Centre for the Study of the Preservation and Restoration of Cultural Property
ARC-WH: Arab Regional Centre for World Heritage
ICOMOS: International Council on Monuments and Sites

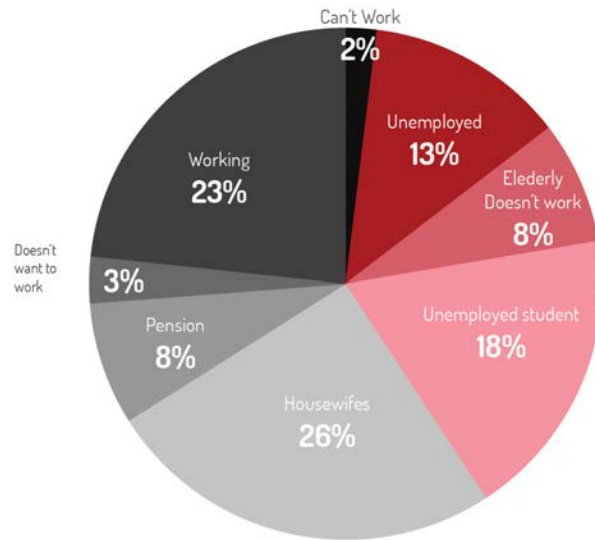
Stakeholders of Madrasa Al-Salihiya.

Source: The authors, Osman, K. (2018), Egyptian Cultural Heritage Organisation website, Hatta H. (2015) and Heritage Organisations website.



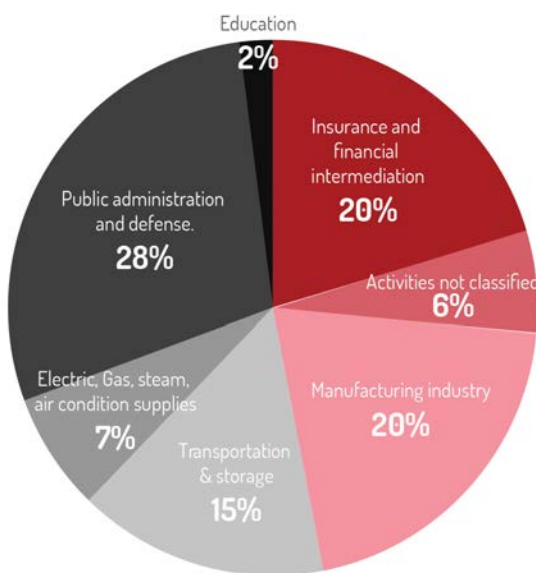
Education in Al Gamaliya district.
Source: CAPMAS, 2017, edited by the author.

Illiteracy among residence shape 19% of all residents in Gamaliyya., followed by who have medium education qualifications with 18%. The university graduate and the younger than the education age are also a big number of Al Gamaliyya residents with 13% each.



Employment levels in Al Gamaliya district.
Source: CAPMAS, 2017, edited by the author.

The biggest number of residents are housewives with 26% of all the residents. However, 23% of the residents are working in different industries. The unemployed students shape 18% of the residents followed by general unemployed residents with 13%.



Industry classification in Al Gamaliya district.
Source: CAPMAS, 2017, edited by the author.

The common industry most of the residents are working in is the public administration and defense industry. A large number of the residents also work in Insurance and financial intermediation and manufacturing industries.

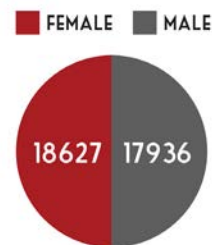
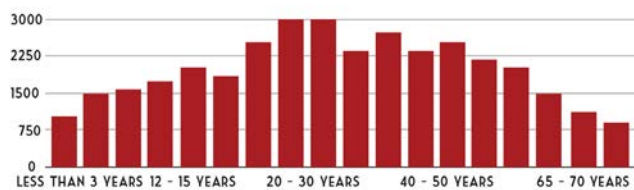


Figure : Population in Al Gamaliyya. Source: CAPMAS, 2017, edited by the author.



Population in Al Gamaliya.
Source: CAPMAS, 2017, edited by the author.

The number of Females and Males in Al Gamaliya are nearly equal.

AL-MADRASA AL-SALIHEYA

Socio-economic studies

Adaptive reuse of heritage buildings aims to ameliorate local conditions and support local community development. These communities have inherited knowledge, passed on from generation to generation, such as stories and crafts. Design proposals shall investigate these potentials, and maybe the heritage building might be reused for including some of these potentials either directly or indirectly. Thus, it is essential to integrate local community in this design workshop.

The participants are encouraged to interact with the residents of the area, learn from their experience, and include them in the design proposal. The combination of such expertise, the academic and the on-ground knowledge shall enrich the design proposals, give them a depth that is needed, and support the awareness of such youth to the important of the cultural heritage they live beside.



Craftsman making the pillow of an armchair, al-Gamaleya



Production of Shisha parts



Iron work in the northeastern part of el-Gamaleya



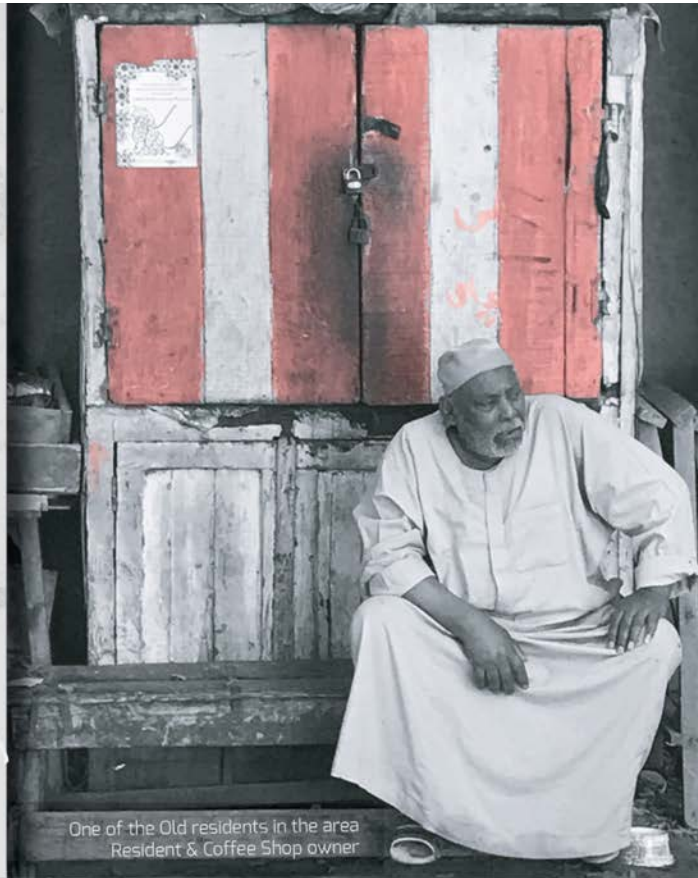
Shoe production specialised in al-Darb al-Ahmar

*Industry classification in Al Gamaliya district.
Source: Mélanie J. and Nathalie S (2010). Edited by the authors.*



**RESIDENT &
COFFEE SHOP OWNER**
AM MAHMOUD

Who Prays Here Are Only The Residents.
There Are Around Four Access Points To The Site.



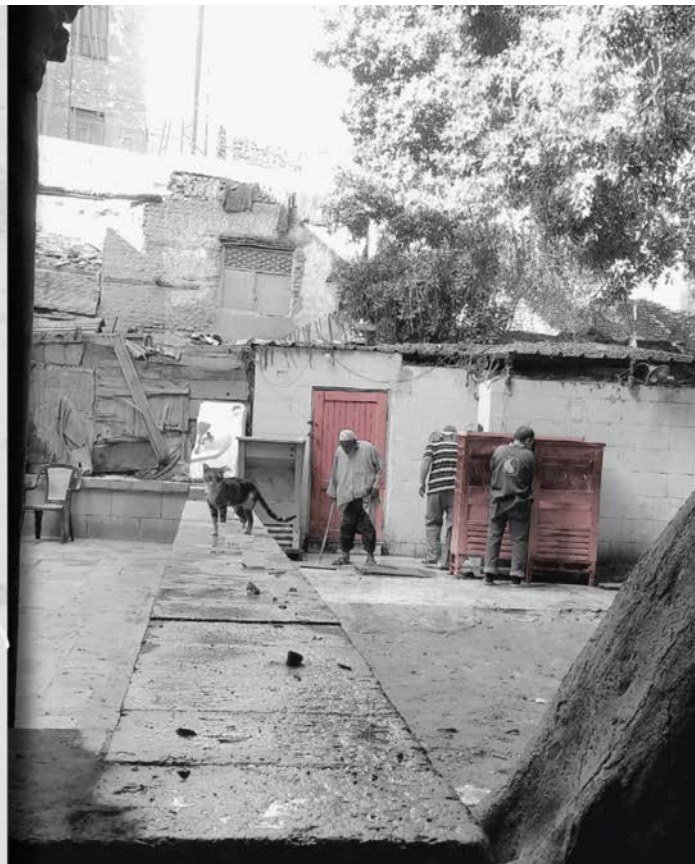
One of the Old residents in the area
Resident & Coffee Shop owner

Interviewing Am Mahmoud, one of the old residents in the area. Source: The author.



VISITORS

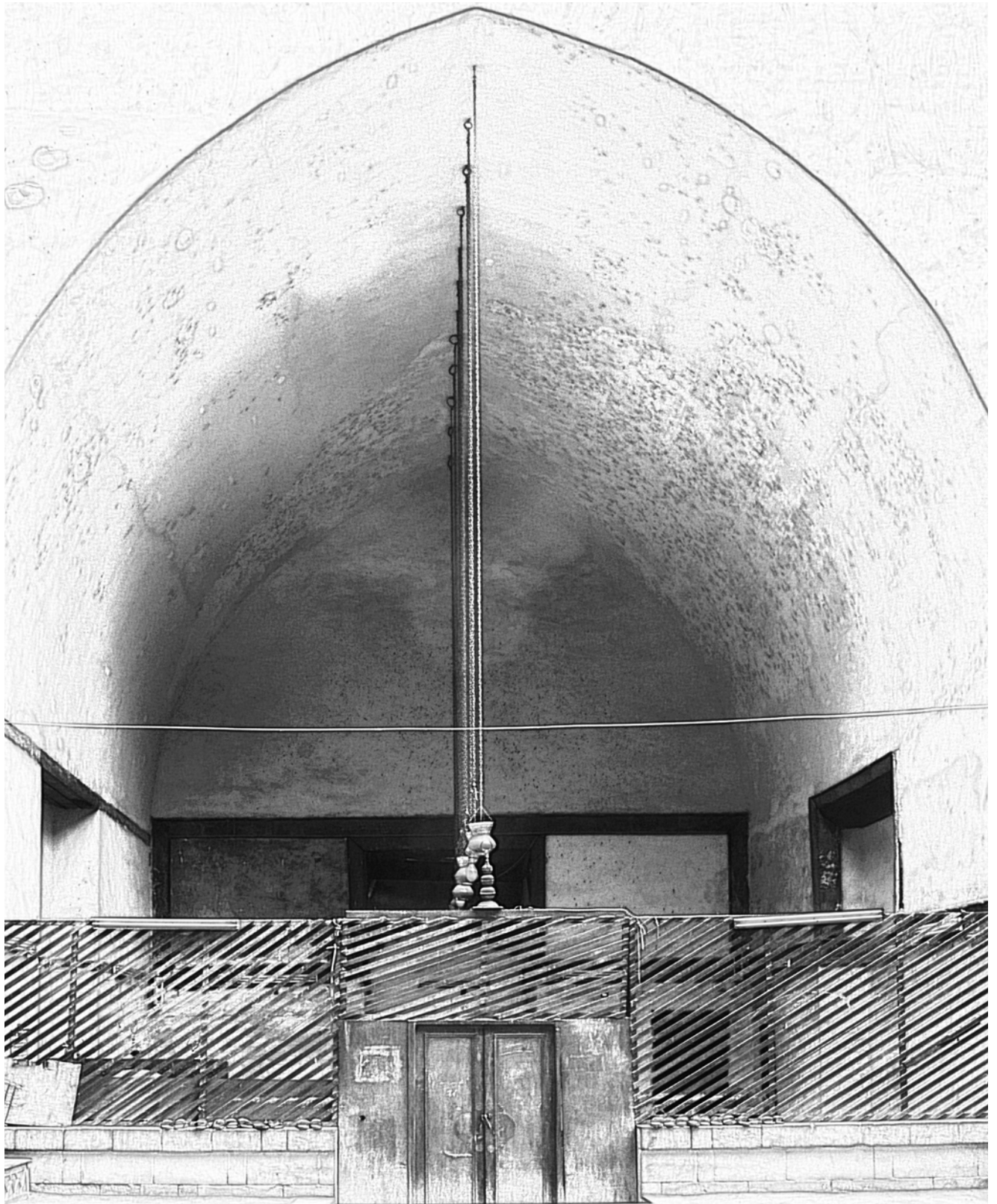
We were searching for a bathroom
until the locals stated that this yard occupies one,
and that's why we discovered the place. We also took
rest here when we realized that the area is well shaded
and away from the direct sun rays.

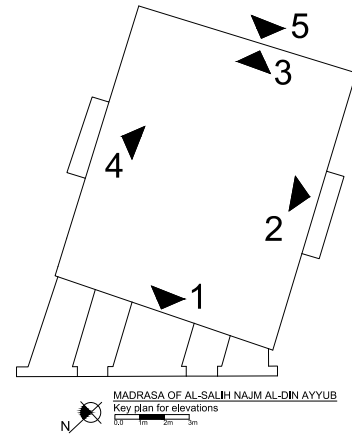
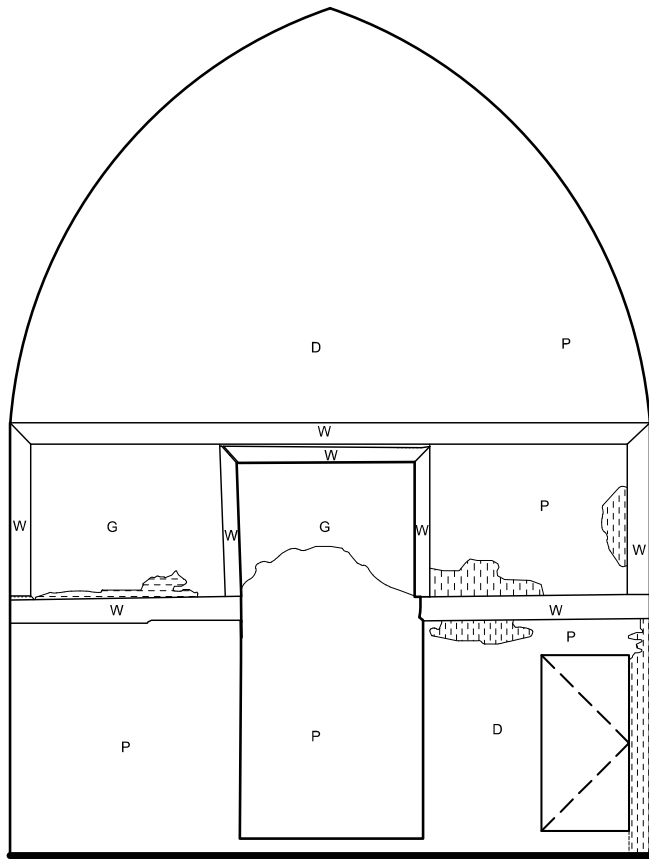


Interviewing Visitors coming to the area. Source: The author.

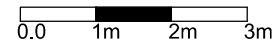
AL-MADRASA AL-SALIHEYA

Drawings

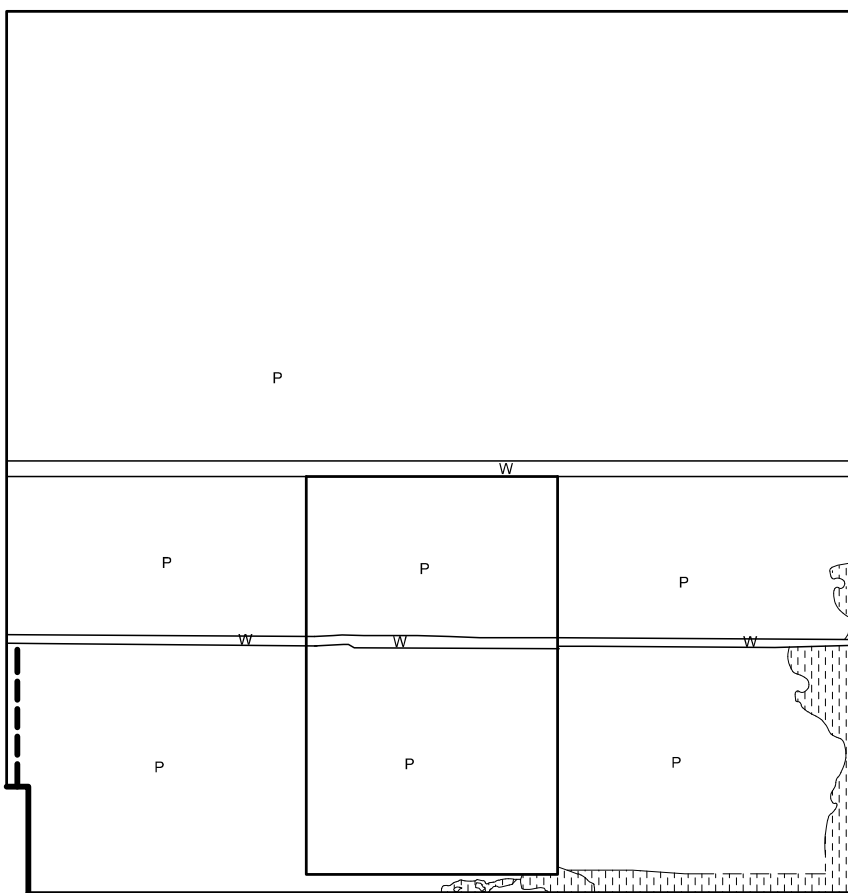




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|---------------|-----------------|----------------------------|
| Damp stain | Mortar | Wood |
| Gray material | Partial erosion | Damage (Painting material) |
| Crack | Brick | Plaster |
| Powdering | Stone | |



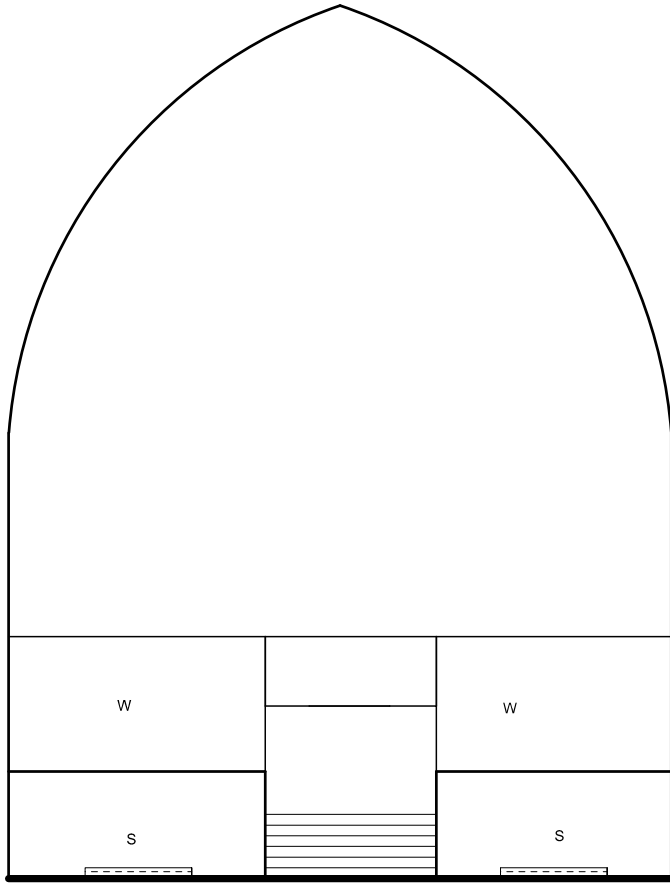
Elevation 1



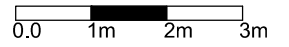
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| Damp stain | Mortar |
| Gray material | Partial erosion |
| Crack | Brick |
| Powdering | Plaster |
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| Damage (Painting material) | |



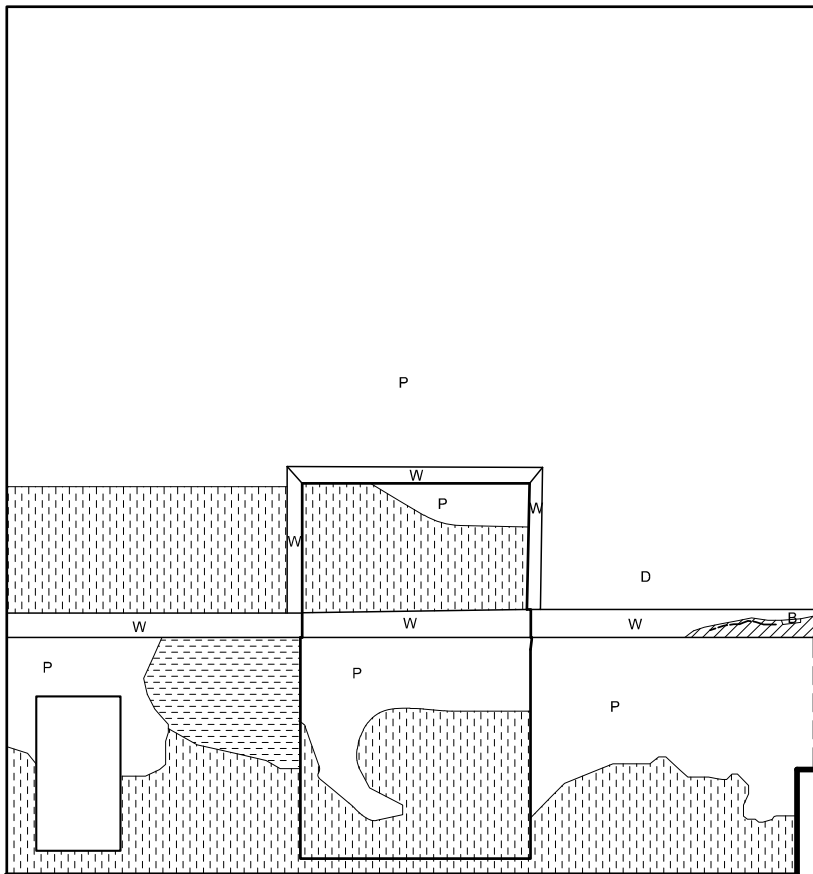
Elevation 2



- | | | |
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| Gray material | Partial erosion | Damage (Painting material) |
| Crack | Brick | Plaster |
| Powdering | Stone | |



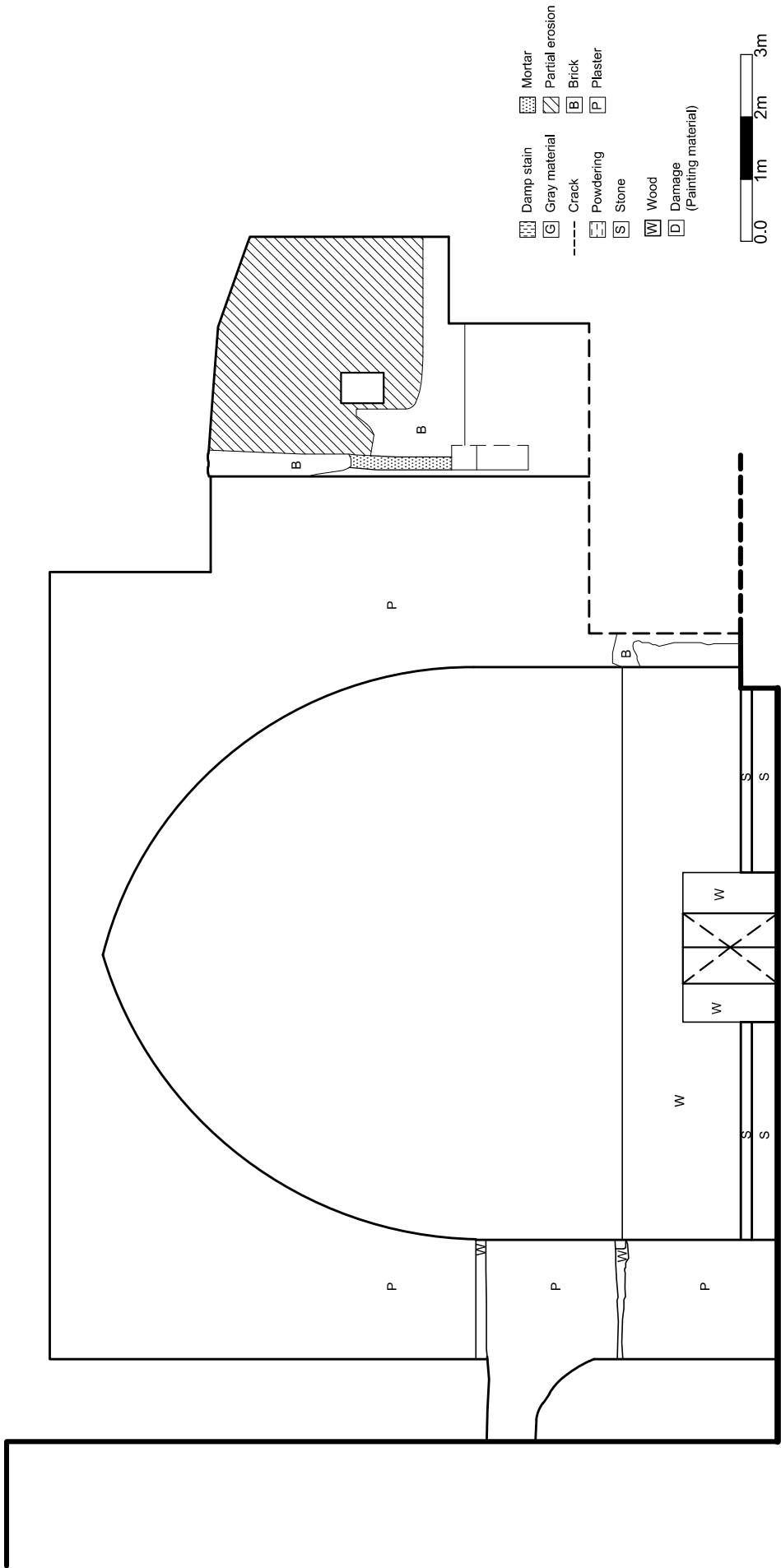
Elevation 3



- | | | |
|----------------------------|-----------------|----------------------------|
| Damp stain | Mortar | Wood |
| Gray material | Partial erosion | Damage (Painting material) |
| Crack | Brick | Plaster |
| Powdering | Stone | |
| Wood | | |
| Damage (Painting material) | | |



Elevation 4



Elevation 5

5 LECTURERS & JURY



PROF. DR. ALAA EL-HABASHI

Alaa el-Habashi is an Egyptian professor of architecture and heritage conservation in Monofia University, and a Consultant for Heritage Conservation for Bahrain Authority for Culture and Antiquities. He received his MS and Ph.D. from the University of Pennsylvania. His researches and practices aim to found a preservation framework that respects the specificities of local history and traditions. Throughout the last 28 years practicing in Egypt and in many other Arab countries, he developed architectural and urban conservation approaches appropriated to different historic buildings, urban values and local traditions. He assisted the registering and/or managing sites listed as World Heritage. He has lately established a Center in Historic Cairo for the Revitalization of Historic Cities.



PROF. DR. HISHAM GABR

Professor Hisham Gabr is a senior professor with more than 40 years of experience. He has been and continues to be involved in projects and publications related to heritage and the built environment. Examples of such projects include the representation of heritage tourism destinations, architectural interventions and attraction factors in tourism historic destinations, adaptive reuse of Cairo historic royal palaces, the revival of contemporary courtyard houses, the intervention methods and Interaction between users and archeological buildings, and the studies of meaning in Khedival Cairo urban spaces. Professor Gabr is a faculty member of the Department of Architecture, College of Engineering, Cairo University and at The American University in Egypt.



PROF. DR. SHERIF EL FIKI

Sherif El-Fiki is the Head of the Department of Architectural Engineering and Environmental Design at the Arab Academy for Science and Technology in Cairo. In 2003 he obtained his PhD in Architecture from Edinburgh College of Art, Heriot Watt University in the UK. His research interests encompass architectural education, social behavior and environmental studies. His research-work is published in several reputable journals and international conferences in Egypt, Japan and the UK. He is a licensed practicing architect and a partner in a private bureau. His professional practice involved the design and construction of residential, healthcare, office and educational buildings.



DR. ALEXANDRA SKEDZUHN-SAFIR

Alexandra Skedzuhn-Safir studied conservation of stone and ceramics in Florence, where she also worked for several years. She received her BA in the conservation of architectural surfaces (UAS in Hildesheim), and her MA in "World Heritage Studies" (BTU Cottbus-Senftenberg). Her thesis on the topography of 19th century prostitution in Florence for her doctoral degree in architectural conservation (BTU Cottbus-Senftenberg) focuses on marginalized heritage. As has conservator and instructor she has worked in Europe and Asia. Conservation projects she has been involved in are the Neues Museum in Berlin/Germany, the Camposanto Monumentale in Pisa/Italy, and wall paintings in different temples in Ladakh/India. She presently works as an academic assistant at the BTU Cottbus-Senftenberg.



DR. DEENA EL MAHDY

Deena is a lecturer in architectural engineering department at the British University in Egypt. She was graduated from Cairo University where she obtained her Masters and PhD as well. Deena is one of the of Cairo Heritage School founders since 2015, besides being a research assistant at the Virtual Heritage Cairo project that aim was to integrate new virtual technologies in heritage. She had joined several international and national competitions, conferences and workshops related to additive manufacturing, material responsive, cultural heritage and conservation. During this period, Deena won several awards; Silver Award at the competition of "Egypt Design + Industry 2014" and the Winner of Tatweer Misr competition in architecture and design challenge in 2018.



DR. DINA EL MEHELMY

Adjunct Assistant Professor of Architectural Engineering. Heritage Management Specialist. Since receiving her B.Sc. in Architectural Engineering and Environmental Studies in 2004, she has been actively researching diverse modes of safeguarding Egypt's heritage. Her research activities thus far explored the latest developments in heritage conservation and heritage management systems. Both her M.Sc. and Ph.D. theses focused on Modern Heritage and its rehabilitation. She earned her Master's degree in 2011, which developed a comprehensive approach to heritage conservation based on UNESCO's heritage protection measures. She attained her doctorate in 2018 from Cairo University. Her Ph.D. thesis established a model for a heritage management planning process which integrates public engagement processes. She has participated in several local forums regarding heritage conservation and urban development. She is in the process of co-founding Sustainable Heritage in Egypt (SHE), an interdisciplinary research cluster. The cluster aims at bridging the interface between research, business and society in the modern world in terms of research, and community outreach. SHE's main role is to act as an independent entity committed to safeguarding Egypt's heritage.



DR. DOAA S. I. ELSAYED

Dr. Doaa holds a Doctorate degree with Merit in architecture and Urban Studies from Politecnico Di Milano University, sede Milano Leonardo, Department of Architecture and Urban studies (DASTU), in February 2016. She participated in a Post Graduate Program entitled Cooperation Knowledge and skills for sustainable cities in the Global south, organised and hosted by laboratory of International cooperation, (DASTU) for 6 months in 2013. She is a Holder of a Master of Science in Large Scale Architecture from Politecnico di Milano and A Master in Architecture and city construction from Politecnico di Torino University through a Double Degree program in 2012. Also, she holds the Alta Scuola Politecnica Diploma in 2012. Her Architectural and Urban Design backgrounds were fulfilled during both her Bachelor and Pre-master Programs in the school of Architecture - Faculty of Engineering - Cairo University. She had illustrated her architectural and urban experiences through her book entitled emergency architecture and resilient city transformation : A proposed matrix for post earthquake reconstruction, that was published in Italy in 2017.



DR. MAY AL-IBRASHY

May al-Ibrashy is a licensed architectural engineer with 25 years of field experience in conservation and heritage management in Islamic Cairo. She is currently founder and chair of the Built Environment Collective-Megawra, a twin institution consisting of Egyptian NGO and consultancy working on issues of the built environment. She coordinates Athar Lina, an initiative run by BEC-Megawra in partnership with the Egyptian Ministry of Antiquities and Cairo Governorate that conserves the heritage of al-Khalifa in Historic Cairo and conceives of it as a driver for community development. She is also adjunct professor of architecture at the American University in Cairo.



DR. MOHAMED EL EDEISY

Dr. Mohamed El Edeisy is a researcher, lecturer and trainer. He conducts research at the Planning, Design and Building Technology Department of Sapienza University of Rome. He obtained his PhD in Architectural Engineering in 2016 from Sapienza. Since then, he lectures at the Faculty of Architecture and the Faculty of Engineering, and he is a Faculty member at the SOS_UrbanLab. His scientific activity focuses on building technology, energy patterns and healthy urban environments. His research work has been published in international journals and peer review conference proceedings. Dr. Edeisy is an expert trainer of European Programmes and Capacity Building in Higher Education. He represented Sapienza as a main coordinator in the Erasmus+ Grant Holders Meetings. He is an educator and scientific and steering committee member in various projects funded by the European Commission Education, Audiovisual and Culture Executive Agency in Europe and the Mediterranean region.



DR. NAYIRI HAMPKIAN

Licensed architectural engineer specializing in conservation and heritage management. Currently and since 2005 owner and manager of a Cairo-based architectural firm Hampikian for Architecture and Heritage Management. More than 35 years of field experience in many conservation projects of historic buildings belonging to Islamic Period in Cairo, Ancient Egyptian architecture in Egypt, and, Armenian architecture in Cairo and Alexandria. In addition to the practical conservation practice, experience in consultancy work, mostly with international teams, in preparing project proposals and in fundraising. Post-graduate studies in architectural history, archaeology, architectural conservation, and urban history in Armenia, Egypt, Germany, Italy and the States (a PhD in archaeology, a master in history of Islamic architecture, a second master in history of Armenian architecture, and diplomas on different types of conservation). Teaching experience includes co-ordinating workshops, training courses for professionals, and lecturing in different academic, scientific, and public circles. Among the highlights of the conservation works directed by the author are The Conservation Project of al-Salihiyya madrasa and minaret in Bayn al-Qasrayn -1250 AD (grant from the German Institute of Archaeology), The Conservation Project of Bab Zuwayla – 1095 AD (grant from the American Research Center in Egypt), and various buildings in the Historic cemeteries of Historic Cairo around al-Imam al-Shafi'i.



DR. SHAIMAA ASHOUR

Shaimaa Ashour is an architect with multi-disciplinary interests. She has over sixteen years of experience in the architectural profession: between teaching, field research, photography and architectural event planning. She taught at Cairo University (CUFE), The Arab Academy for Science, Technology and Maritime Transportation (AASTMT) and October University for Modern Science & Arts (MSA). She organized more than fifty architectural events and architectural city walks, and she created her blog "Manseiat (Forgotten)" and then an electronic newspaper "The io Weekly" in 2012; both as information hub seeking to connect individuals & collectives by sharing fresh news about the city's built environment; space, architecture, and heritage. She acquired my Masters 2005 and Doctorate 2014 in Architectural Engineering from Cairo University. My M.Sc. thesis has been published as a book entitled "The Pioneer Egyptian Architects during the Liberal Era (1919-1952)". Recent publications include sustainable conservation strategy to the Eastern Necropolis in Cairo, the changing housing policies and sixth of October city, and city walks as a tool to narrate the history of Cairo.



AHMED EL TOBGY

Ahmed El-Tobgy is an architect and urban designer. He studied Architecture Engineering and Environmental Design at the Arab Academy for Science and Technology in Cairo, where he also worked for several years at renown practices. He received his MSc. in the Urban Design and Revitalisation of Historic Districts from Brandenburg Technical University in Cottbus, and his master of Advanced Studies in Urban Design from the Swiss Federal Institute in Zurich. His work spans over different themes of Migration, Social Behaviour, and Urban Regeneration. He adopts a research-based design that is tied to issues of social responsibility and rigorous investigation of cultural identities, and he is currently an assistant lecturer at Ain Shams University teaching in the program of Integrated Urbanism and Sustainable Design.



FATMA KESHK

Fatma Keshk is an Archaeologist and a heritage outreach specialist based in Cairo. She obtained her BA in Egyptology from Cairo University in 2006, MA in Archaeology from Leiden University in 2011 and since September 2014 she is working on her PhD research at the Free University of Berlin. Since 2005, she joined the work of several archaeological projects in Egypt and Sudan with local and foreign institutions in Saqqarah, Aswan, Western Delta, South Sinai and Sai Island. Since 2015, she is a member of the DFG funded project "The Nubian Villages of Bigge" Since 2016, her ongoing research on documenting the knowledge and perspectives of contemporary Egyptians on their history and heritage is a major reference in the development of her extensive experience and current work in heritage outreach and community engagement. Since 2007, she conducted tens of heritage outreach workshops with the local communities at various sites around Egypt. She is the founder and managing director of "The Place and the People".



MOHAMED ASHRAF HILAL

He is an Architect with MSc. Holder in Urban Development from the Technische Universität Berlin. As an Urban Practitioner he worked with the Berlin Senate Projects department of Urban Development and Environment in the development of Moabit West in Lichtenberg, Berlin. He is Superintendent Engineer in the Chairman's Technical Office of Porto Group. He was awarded the 1st place in the Siemens competition "Designing Smarter Cities-Integrated mobility for sustainable districts" organized by CKI TU-SIEMENS in November 2014 in Berlin, and he was awarded the 2nd place in the Falling Walls Lab competition in Cairo in 2015 with the idea "Breaking the Walls of Mobility, Energy and CO2 Emissions". He is also a professional lecturer and presenter in the fields of Sustainable Development and climate change for several academic and scientific institutions like the DAAD, Cairo Climate Talks, COSIMENA, Goethe-Institute, YOUTHINKGREEN and IEEE since 2015.



MOHAMED HAGRAS

Mohamed is an urban designer, researcher and Assistant Lecturer of Architecture and Urban Design in the American University in Cairo. He holds a MSc in Urban Design from Cairo University with a thesis focused on the Social Impact Assessment SIA: Towards Achieving Socially Sustainable Urban Development. As an Urban Designer, he had been working with local and international organizations like UNESCO, UNDP and UNHCR in projects of designing new Urban communities and Informal Urban Development with public participation. He is an associate in Urban Transcripts Organization UK, Participated and organized many international workshops in the fields of Urban Development, Architecture, and Social Urbanism in Egypt, Greece, Germany, Italy and Russia.

References

- Antoniou, J. (1998). *Historic Cairo: A walk through the Islamic city*. American Univ. in Cairo Press.
- Archnet. (n.d.). Retrieved from Archnet: <https://archnet.org/sites/1539/publications/3152>
- Awatta, H. (2015). *Whose Downtown is it Anyways?: The Urban Transformation of Downtown Cairo Between State and Non-state Stakeholders* (Doctoral dissertation, American University in Cairo).
- Behrens-Abouseif, Doris. *The Minarets of Cairo*. Cairo: The American University in Cairo Press, 1985.
- Creswell, K.A.C. *The Muslim Architecture of Egypt*, vol. II. Hacker Art Books, New York, 1978.
- Davis, R. (n.d.). *The Mosques of Cairo*. Middle East Publications .
- Egyptian Cultural Heritage Organisation (ECHO). (n.d.). Retrieved from <http://www.e-c-h-o.org/>. Visited on 05 June 2019.
- Heritage Organisations. (n.d.). Retrieved from <https://www.criticalheritagestudies.org/heritage-organisations>. Visited on 06 June 2019.
- Mélanie J. and Nathalie S (2010). *The Core of Cairo: Resistance to Comprehensive Gentrification*. Published by ETH Studio Basel Contemporary City Institute.
- Osman, K. A. A. (2018). Heritage conservation management in Egypt: A review of the current and proposed situation to amend it. *Ain Shams Engineering Journal*, 9(4), 2907-2916.
- Tarek Torky "Madrasa of al-Salih Najm al-Din Ayyub" in *Discover Islamic Art, Museum With No Frontiers*, 2019. 2019. http://islamicart.museumwnf.org/database_item.php?id=monument;ISL;eg;Mon01;7;en
- UNESCO, World Heritage (2010-2012). *Urban Regeneration Project for Historic Cairo: FIRST REPORT OF ACTIVITIES*. UNESCO.
- Warner, N. (2004). *The Monuments of Historic Cairo - A MAP AND DESCRIPTIVE CATALOGUE*. Cairo: The American University in Cairo Press.
- Schwiete M., Wunder M. (2009). *SALHIYE Hilltown Damascus*. ETH Studio Basel Contemporary City Institute.

TEAM

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Manager



Waleed Shehata
Manager

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Heba Dewedar
Coordinator



Heba Hatem
Coordinator

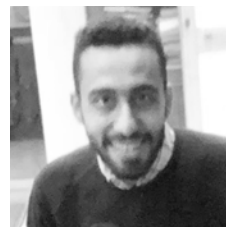
COORDINATOR ASSISTANTS



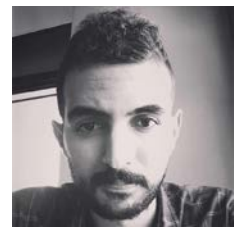
Aliaa Al Dardiry
Coordination Assistant



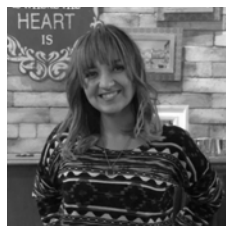
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Mostafa Emam
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Ahmed Adham
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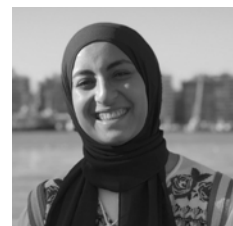
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