



# MAHA ABOUBAKR IBRAHIM

1 Rabyeaa st, Hadayek, El-Abram, Haram Giza, Egypt

Ph.: 202 0121/0330122(m)

**E-mail:** maha.ibrahim@must.edu.eg

## Academic Experience:

### Misr University For Science and Technology

Lecturer (Full time) architecture department, faculty of engineering,

- History of Islamic Architecture (History IV)
- Theories of Architecture (History III)
- History of Architecture from Early Christian to Renaissance (History II)
- Architectural Design IV and V
- Visual Studies
- Advanced Auto CAD

June  
2018

### Cairo University, faculty of Engineering

Lecturer (part time) architecture department, faculty of engineering, courses of Introduction to History and theory of Architecture.

Sep.  
2020-Jan.  
2021

### Arab Academy for Science, Technology & Maritime Transport (Smart Village branch)

Lecturer (part time) architecture department, faculty of engineering,

- Visual Studies studio (Perspective, Shade and Shadow) for 1<sup>st</sup> year students.

January  
2018-  
June  
2018

### Cairo University, faculty of Engineering

Teaching assistant (part time) architecture department, faculty of engineering, courses of:

- Architecture design 1<sup>st</sup> year students
- Introduction of shape grammars 3<sup>rd</sup> year students.
- Interior design 3<sup>rd</sup> year students.
- Building construction 2<sup>nd</sup> year students.

Oct.  
2010-May  
2014

### Future University in Egypt

Teaching assistant (part time) architecture department, faculty of engineering, course

- Graduation project
- Architectural design studio for 1<sup>st</sup> and 3<sup>rd</sup> year students.
- Project management for 3<sup>rd</sup> year students.
- Perspective, Shade and shadow for 1<sup>st</sup> year students.

Oct.  
2010-  
May 2011

### Arab Academy for Science, Technology & Maritime Transport (Sheraton branch)

March  
2010

Teaching assistant (part time) architecture department, faculty of engineering,

- Visual training studio (Coloring) for 1<sup>st</sup> year students.
- Visual training studio (Perspective, Shade and Shadow) for 1<sup>st</sup> year students.
- Execution for 2<sup>st</sup> year students.

#### **6<sup>th</sup> of October University**

- Teaching assistant (part time) architecture department, faculty of engineering, Architectural design studio for 3<sup>rd</sup> year students.

October  
2013-  
June  
2015

#### **MUST Misr University for Science and Technology**

- Visual training studio (Perspective, Shade and Shadow) for 1<sup>st</sup> year students.
- Teaching assistant (part time) architecture department, faculty of engineering, Architectural design 7 studio.

January  
2016-  
2018

## **Architectural Experience**

#### **Alaa Hussain Group**

Architectural Design for the museum of El-Magharba District, El-Quds. As a part of a proposal submitted to the Competition of “El-Quds is the Capital of Palistian| riviving the city after clearing the occupation”, hosted by the Association of Arabian Architects. Shortlisted proposal.

Nov.  
2019

#### **Oriental Group Consultants**

General manager for Nazla Village project, Visitor center, El-Fayoum. The project won the 2<sup>nd</sup> prize for “Fourth International Baku Architecture Award”, June 2019. And is nominated for the 2022 Aga Khan Award for Architecture.

July 2018

#### **International Center For Engineering Consultation (ICEC) under the supervision of Dr. Emad El-Sherbiny**

Designing El-Khatatba residence at El-Khoyoul village on Cairo-Alexandria high way.

Designed Sidi Abdel Rahman resort, which consists of a number of villas and a hotel with a commercial mall.

Designing interiors for apartments and restaurants.

February  
2008 –  
June  
2012

#### **Egyptian Aviation Engineering and Technology (Cairo University)**

Teaching assistant (part time) architecture department, faculty of engineering, course architectural design studio for 2<sup>nd</sup> year students.

February  
2008-  
June

**Restoring an open space at El-Darb El-Ahmar, Cairo, Egyptian Earth Construction Association (EECA), as a partner to Save The Children Association.**

Working as a Project manager

The project aimed to improve the community environmental and urban cognition, specially the children, through upgarding and restoring a very narrow steet and dead ended with a small court. The project area was about 200 m<sup>2</sup>. This by sharing the children living there in the whole process (picking up the urban problems, solving ideas to crystalize a concept, choosing matrials and finally constructing). This to upgrade the children architectural taste, and to guarantee their willing to protect the product.

October  
2006-  
June  
2007

**New urban communities' authorization, ministry of housing and urban planning.**

As a member of the department of architectural design

Designing an office building for the authorization of developing El-Shakh Zaid city.

Designing the technological center to serve El-Shakh Zaid residences, architectural and landscape design, in addition of it's interior design.

Planning the new urban extensions for the housing & industrial zones in 6th of October city.

Designed landscape in the intimate zones in between houses & villas in respect with the environmental constrains.

Stated the preoccupation urban problems and solving it, for the 5th district & the industrial zones.

Decembe  
r 2003

As a member of the department of computers & information

Entering architectural and geometric data and relate them to the

**ARCHA Group under the supervision of Dr. Emad El-Sherbiny**

Designing two villas at 6th of October city

Designed a number of governor buildings for the sake of Ministry of inner affairs.

Redesigned Brombol village with the cooperation of Cairo University, and the institution of urban planning where my role was documenting, analyzing, and redesigning

November  
2002 –  
December  
2003

**Mimar Architectural office under the supervision of Dr. Adel Ismail**

Participated in the International Architectural Competition of King Khaled Univrnsity (KKU) Campus in Abha, Saudi Arabia (5th Prize)

July –  
November  
2002

**Architectural designs office under the supervision of Dr. Soher Hawas**

Surveyed the downtown district in the process of upgrading the Khedaivain Cairo

Assisted in producing a new book under the title “Documentation of Khedaivain Cairo Architecture”

January-July  
2002

**The Academic Center for Designs (A.C.D.)**

Worked in the project of the office building of Hayeat El- Estethmar.

January  
2002

**Engineering Trainee, Hussien Sabbor consultant office, Egypt,**

Worked in site in the residential project, Hayy El- Ashgar

summer  
1999

## Education

- Ph.D. degree in Architectural Engineering at Cairo University, Faculty of Engineering, Egypt under title** June 2018  
**"Architecture in Multicultural Communities:**  
An Analytical Study of the Impact of Cultural Diversity  
on Churches through Coptic Era"
- M.Sc. degree in Architectural Engineering at Cairo University, Faculty of Engineering, Egypt under title "Relationship between theory and practice through geometry in Deconstructivist architecture: comparative analysis between international and local application"** Apr. 2010  
**Finished preliminary studies for M.SC.- Cairo University**  
Major: Urban studies,  
Courses:  
Conservation & rehabilitation (adaptive re-use) studies, housing, urban development, landscape design.  
Minor: Architectural Studies  
Courses:  
Architectural criticism, regional & local architecture studies.  
Final grade: very good (83%)
- Bachelor of Architectural Engineering, Cairo University, Faculty of Engineering, Egypt)**  
Accumulative grade: good (74%)  
Courses:  
Architectural design, Working drawing, City planning, Urban Design, Urban housing, Urban conservation, Green architecture, Architectural criticism, Project management, Acoustics, Landscape architecture, Regional and traditional architecture. September 96 – July 2001  
Graduation project : with Prof. Tarek Abdel Latif, the project was about designing an educational and entertaining center in Yameet Colony, (between El-Areesh and Rafah, Sinai). Where a design of three completely new buildings, (faculty of hotels and tourism, Museum of Sinai heritage, and a Hotel) were made and they were linked, so that a full utilization of the services was achieved.  
Graduation project degree : very good
- Gezira Language School, Cairo, Egypt** 1984-1996  
Egyptian Secondary School Certificate(Thanaweya Amma), Science Major, Score95%

## Participation at conferences, courses, seminars

- “Designing Alternatives for Residential Apartments in Cairo Using Shape Grammars”, in the framework of the 5th International Conference of Contemporary Affairs in Architecture and Urbanism, ICCAUA 2022, which will be held online at Alanya HEP University, Alanya, Turkey, on 11-13 May 2022. May 2022
- Workshop under the title of “Adaptive Reuse Principles Workshop” led by the USAID-finded Integrated Management of Cultural Tourism (IMCT), implemented in cooperation with the Ministry of Tourism and Antiquities, Luxor, Egypt March 2022
- “Reconstruction and the human being | View of Luxor and Warsaw Old Town experience”, in the framework of the Conference of “Priorities for reconstruction and restoration of antiquities damaged as a result of the hostilities”, Federation of Arab Engineers and Syndicate of Syrian Engineers, Video Conference, 25<sup>th</sup> – 26<sup>th</sup> of September 2021. September 2021

- “History of Bell-Towers in Ancient Coptic Churches”, in the framework of the 4th international conference: Modern views of Architecture, Arts, Heritage, literature and strategies of development and education at Mediterranean countries (New horizons in creativity, innovation and technology), 6th – 8th of November, 2019, Alexandria, November 2019
- “The educational week for students of arts, architecture and planning in Egyptian universities”, National Organisation for Urban Harmony, October, 2019, Cairo, Egypt, October 2019
- “Summer training for international students”, site visits, Misr University for Science and Technology, July 2019, Cairo Egypt, July 2019
- “Cities in Multicultural Societies: Alexandria and Rashid”, in the framework of the 7<sup>th</sup> conference of “Arabian Cities”, Organisation of Arab Architects, 16<sup>th</sup> – 17<sup>th</sup> of December, 2016, Tripoly, Lebanon, December 2016
- "Architecture During Transitional Period: Views of The Egyptian Experience In Three Different Periods" in the framework of the First Arab Architecture Conference "Architecture and Urbanism in the Arab World in Front of Contemporary Challenges", Organisation of Arab Architects, 24<sup>th</sup> 25<sup>th</sup> of September, 2016, Baghdad, Iraq, September 2016

### Extra-Curricular Work

Teaching Auto CAD courses 2D, and 3D in Cairo university, and the authorization of 6<sup>th</sup> of October city.

### Academic Researches

- Aboubakr Ibrahim, M. (2022), “*Designing Alternatives for Residential Apartments in Cairo Using Shape Grammars*”, Proceeding of the 5th International Conference of Contemporary Affairs in Architecture and Urbanism, ICCAUA 2022, Alanya HEP University, Alanya, Turkey.
- Aboubakr Ibrahim, M. (2019). “*History OF Bell-Towers in Ancient Coptic Churches*”, International Journal Of Multidisciplinary Studies In Architecture And Cultural Heritage, 3(1), 82-98. doi: 10.21608/ijmsac.2019.182193
- Aboubakr Ibrahim, M. (2017), " *The Impact of Cultural Diversity on the Urban Fabric and Urbanization of the City of Rashid During the Ottoman Era*", Journal of Engineering Researches, Faculty of Engineering, Mataryia, Helwan University, Vol.: 156, September 2017, Cairo, Egypt
- Aboubakr Ibrahim, M. (2017), " *Architecture in the Periods of Transformation: Looking at the Egyptian Experience in Three Different Periods*", Journal of Engineering Researches, Faculty of Engineering, Mataryia, Helwan University, Vol.: 155, September 2017, Cairo, Egypt.

### Academic Activities

- Guest Lecturer at Moden Sciences and Arts University MSA, Faculty of Arts and Design, , 2022, Cairo Egypt.
- Guest Lecturer at Arab Academy for Science, Technology & Maritime Transport, Faculty of Engineering, Department of Architecture, Sheraton Campus, 2018, Cairo Egypt.
- Attending the First Arab architects Award Festival, 2018, Beriut, Lebanon.
- Public speaker at The Egyptian House for Architecture, “*A view of the thought and philosophy of the Architecture of Churches during the Coptic era*”, Cairo, Egypt. (August 2018)

## Under Graduate research

Designed a Mosque in Ismailia city.  
Performed the landscape design of Cairo University.  
Designed the project of Conservation the district of Kheyamia.  
Designed a motel building on the Cairo Fayoum highway, and a gymnastic hall.  
Designed a water front bank building, and a mall at 6th of October City.  
Conducted a research about the special architectural needs for blind and deaf students.  
Conducted a research about museums as typical buildings studying its development in Egypt through three different time periods.  
Conducted a research on El-Hanager theatre on the effect of acoustics on the theatrical performance.  
Conducted a research on the analysis of the function and symbolism of every architectural element in both El-Soltan Hassan mosque and El-Moaalaka church.  
Wrote a book about 19th and 20th century architecture.  
Conducted a research about how to make buildings acquire timeless trait, and applied this on simple projects.  
Made working drawing projects of an educational building, and a waterfront restaurant, and their associated architectural details.  
Designed a city planning of Towshika City, and redesign of Ein El-Sirra area.  
Redesigned the town planning of manshiat naser area, and the urban planning of Masir El-gedida district

## Computer Skills

MS Office	GIS	Internet surfing
AutoCAD 2D, 3D	3D-VIZ	Photoshop

## Affiliations

Member in:  
The Karate team in the National Sporting Club (El-Ahly), and won the National Competition in 1996

## Volunteer work

Member of Union of Arab Archaeologists	2021
Member of Architecture Committee in the Supreme Council for Culture	2015-17
Elected member of the Giza engineering syndicate board	2014-17
Sinor of Training committee in GES	
Member of Training committee in EES	
One of the Pioneer Member at "Resala" charity group	Since it started at
Redesign of a new orphan house in Faisal, 1999	1999
Teaching autoCAD 2-D and 3-D	

## Languages

Professional in spoken and written English and Arabic "Mother tongue"

## **Personal data**

**Date of Birth** : June 22nd 1979.

**Nationality** : Egyptian

**Marital status** : Single

## **References**

Furnished upon request

## **Recent Architectural Projects**



# Al-Quds is Palastain's Capital

## Reviving the City after Clearing the Occupation

Architectural competition, hosted by the Association of Arabian Architects (2019-20).  
Short listed proposal.

From A FRAGMENTED City To An INTEGRATED city! ..... City For All

القدس مدينة للإنسانية.....

**0219AH**

GENERAL IMAGE CITIZENSHIP

SHOPS

QUDS CAPITAL FOR ALL HUMANITY

**0219AH**

دراسات تاريخية وعمرانية

### القدس بعد الجلاء

تصور فردي  
تصور تقني  
تصور ثقافي

مدينة القدس من 1948 - 1967  
مدينة القدس من 1967 - 1977  
مدينة القدس من 1977 - 1987  
مدينة القدس من 1987 - 1997  
مدينة القدس من 1997 - 2007

تصورات بعد التحرير

**0219AH**

تصور التقني (التقني الإسرائيلي)

النصب التذكاري لفضيلة القدس - مركز الحوار الإسرائيلي

**0219AH**

INTEGRATED APPROACH TO DEVELOPMENT

التكامل بين التنمية الاقتصادية والاجتماعية والبيئية

**0219AH**

التقني (العمارة الغربية لتدابير وأعمال للتعبئة)

تصور تقني

**0219AH**

تصور التقني (التقني الإسرائيلي)

النصب التذكاري لفضيلة القدس - مركز الحوار الإسرائيلي

**0219AH**

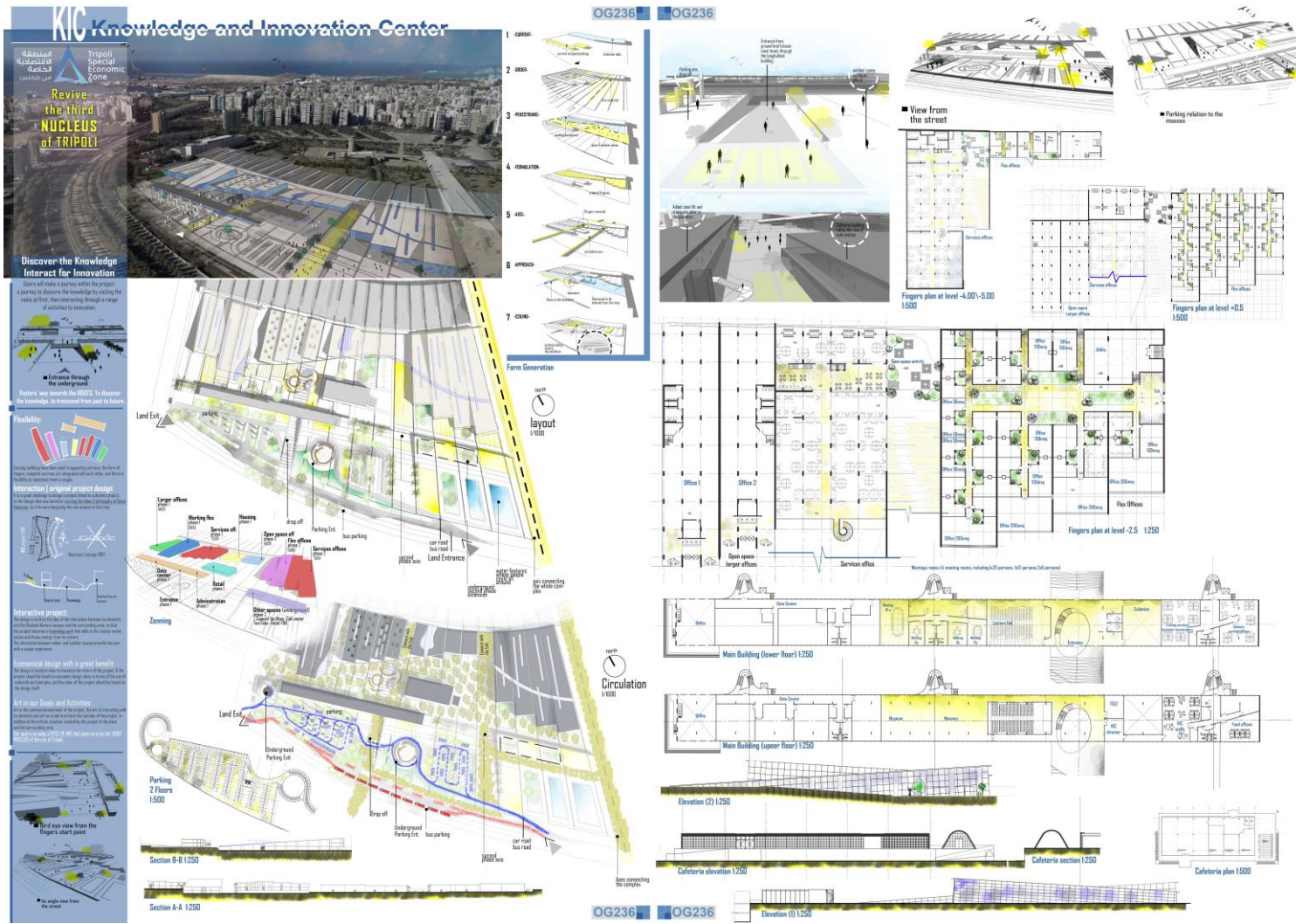
مخطط تقني

مخطط تقني

# Knowledge Information Center

## Reviving the Third Nucleus of Tripoli

Architectural competition, hosted by the Association of Arabian Architects (2019).

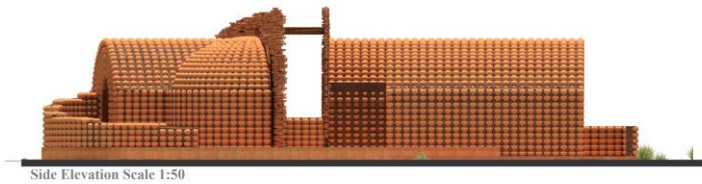
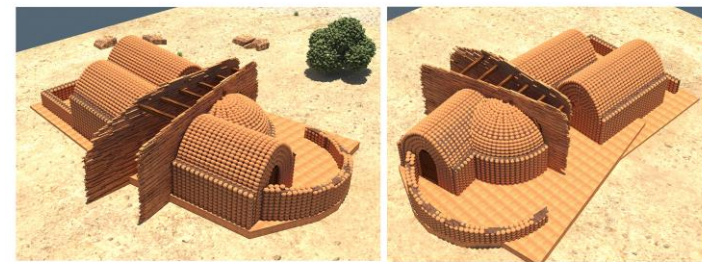
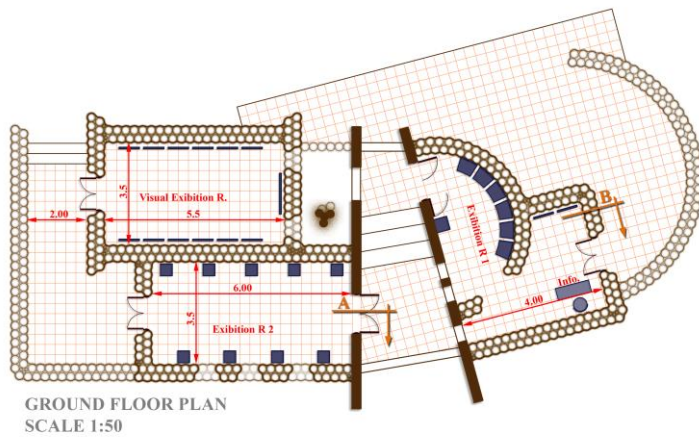
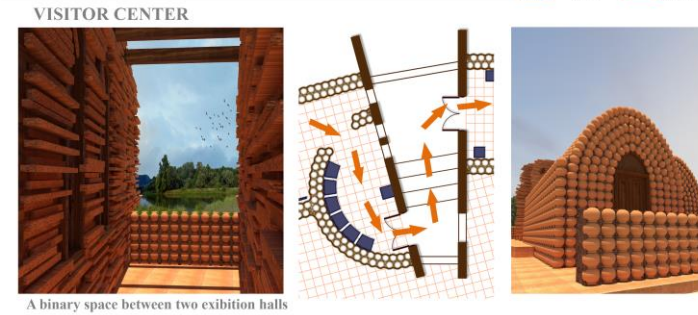


# Visitor Center at Nazla Village, El-Fayoum Constructed Building (2018-19)

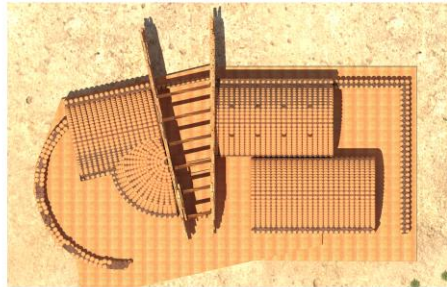
UPGRADING AND ESTABLISHMENTS  
**POTTERY WORKSHOP**  
NAZLA VILLAGE - FAYOUM GOVERNORATE



UPGRADING AND ESTABLISHMENTS  
**POTTERY WORKSHOP**  
NAZLA VILLAGE - FAYOUM GOVERNORATE



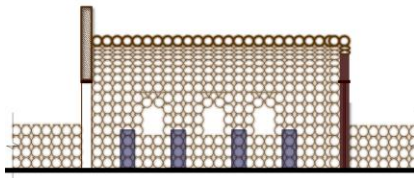
VISITOR CENTER



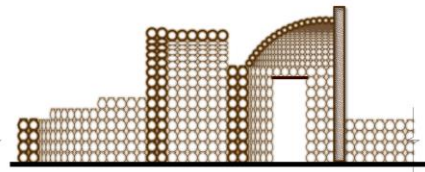
Lay-out Scale 1:100



Interior view in the Exhibition



Section A-A Scale 1:50

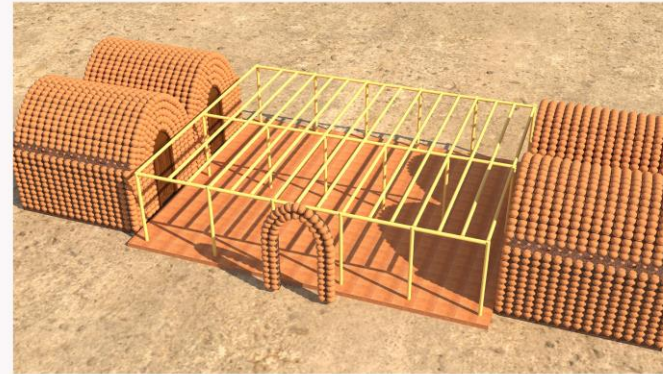


Section B-B Scale 1:50

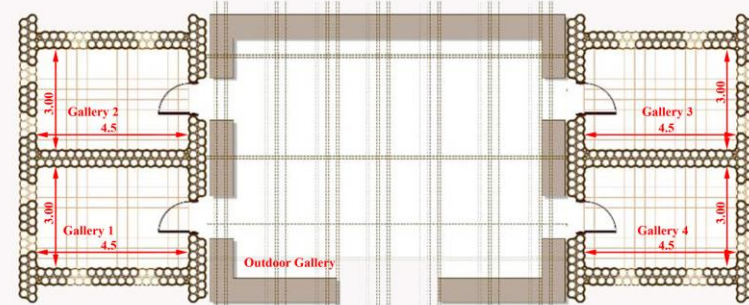


Front Elevation Scale 1:50

Gallery

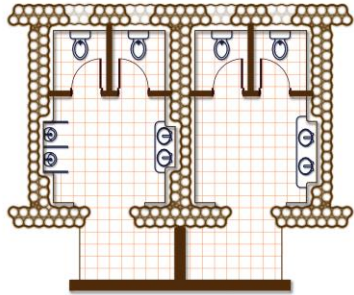


Exterior



GROUND FLOOR PLAN  
 SCALE 1:50

Services

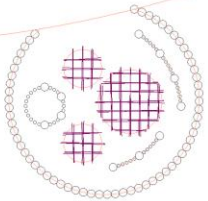


Floor plan of the WCs Scale 1:50



Exterior of the WCs

Rest Area



Use pottery in the rest areas to sit, relax and drink tea.

