



UNITED NATIONS DEVELOPMENT PROGRAM  
KINGDOM OF BAHRAIN



KINGDOM OF BAHRAIN  
MINISTRY OF MUNICIPALITIES AFFAIRS & AGRICULTURE  
RESEARCH AND DEVELOPMENT DIRECTORATE

**CAPACITY BUILDING FOR ENHANCEMENT  
OF URBAN GOVERNANCE  
URBAN DESIGN PROJECTS FOR TRADITIONAL AREAS**

**STAGE 2: URBAN DESIGN PROJECT IN  
MUHARRAQ BLOCK 209. REPORT**





## TABLE OF CONTENTS

### Foreword

1. Al-Muharraq Town- Historical Background
2. Al-Muharraq Pilot Project
3. Buildings of Merit
4. Planning Proposals
5. Maintenance of Traditional Buildings

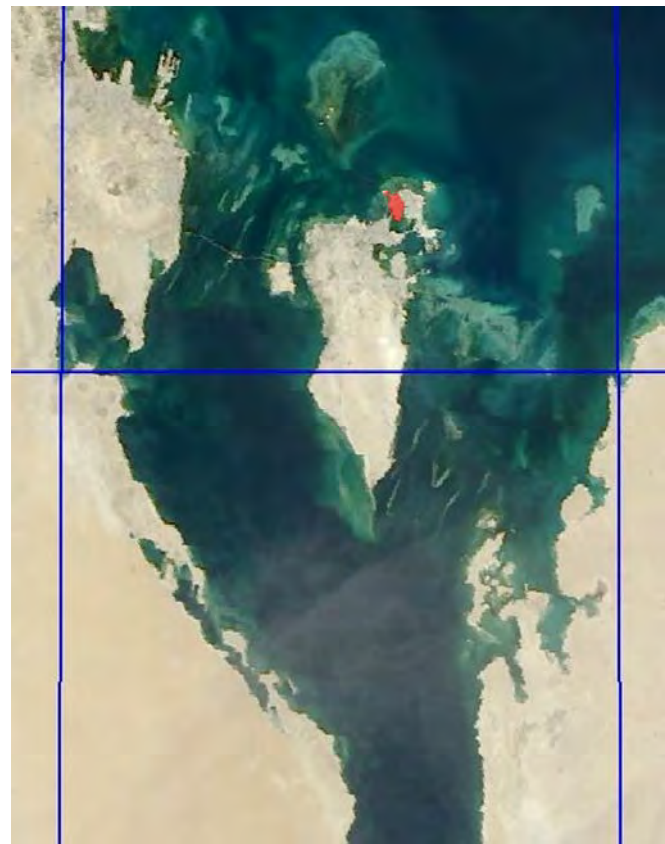
### List of Illustrations

### Acknowledgements

### Study Group

### References

### Appendices



Location of Al-Muharraq Town

## FOREWORD

Al-Muharraq is heir to an urban tradition which generated a town building activity over a large stretch of the Western Indian Ocean and its inlets. These towns, though diverse in micro environment, history and language, were united by the religion of Islam, maritime trade and the building materials that grew along the ocean shore, mangrove poles; and in the ocean bed, coral. For the reasons mentioned in this report many of these towns have now disappeared and are only remembered by the ruins they left behind. Others, like Al-Muharraq are struggling to survive by adapting to the changed circumstances. This project was conceived to map the route for this adaptation.

The Project was carried out in two stages. The first stage produced surveys and guidelines and proposals for the urban planning of the area. During stage one pilot projects were identified for more detailed study during this stage, two in Manama and one in Al-Muharraq. This report presents the work produced by the team responsible for Al-Muharraq pilot project.

Six professionals worked for a period of six weeks. During the first two weeks site surveys were carried out to identify building heights, land use, physical condition and patterns of occupancy. The results of these surveys are presented in Chapter 2. Twenty-nine traditional houses and six mosques were surveyed. The findings were recorded on specially prepared inventory forms which are in appendix B and an evaluation of a few of the buildings surveyed is in Chapter 3. Based on the knowledge obtained from the surveys and from the reports of the previous stage the team was able to draw up a brief containing the needs of the area and the planning problems it faces. The illustrated proposals are presented in Chapter 4.

Building maintenance, a neglected activity here as it is in most Islamic countries, is dealt with in Chapter 5 with special reference to the traditional coral houses of Al-Muharraq.

A photogrammetry team worked closely with the Study Group. The photograph on Figure 2-2 was produced by it.

This report and designs included in it are the joint work of all members of the Study group. They wish to record their thanks to the Project Director, Dr. Falah Al-Kubaisi, whose continued help made their task much easier.

## 1 HISTORICAL BACKGROUND

The people of Bahrain were among the first Arab communities outside Mecca and Medina to embrace Islam. There is on the island a mosque, Masjid-al-Kahmis, part of which dates back to the 12<sup>th</sup> century. A 16<sup>th</sup> century Turkish source describes the people of Bahrain as Muslims living from trade and agriculture.

The history of Bahrain during the 16<sup>th</sup>, 17<sup>th</sup> and early 18<sup>th</sup> centuries reflects the struggle between the maritime powers for the control of the Indian Ocean trade. In 1521 it was occupied by the Portuguese who built the fort known as *Qal'at-al-Bahrain*, about six km west of al-Manama along the island's northern shore. Its style is Italianate. It was designed to defend against the newly developed weapon of warfare: the mobile projectile launcher. The fort is surrounded by a moat which was filled with water. In 1602 the Portuguese were ousted by the Safavids who remained there until 1783. For a brief period during the 19<sup>th</sup> century Bahrain was besieged by the Turks and during the opening years of the 19<sup>th</sup> century by the Omanis who built the fort of Arad on Al-Muharraq Island across the bay, east of the old town. During the 19<sup>th</sup> century Bahrain became the chief centre for the pearl trade which continued until the 1930's. There is a reference as early as the tenth century by the Arab geographer, al-Maqdisi to Bahrain being an important centre of the pearl trade at that time.

The rule of the al-Khalifa dynasty began at the end of the 18<sup>th</sup> century. Sheikh Selman bin Hamad al-Khalifa (1794-1821), Bahrain's second ruler and the first to take up residence on the islands settled in Manama. His successor, Sheikh Abdullah bin Ahmed, (1821-1842) settled in Muharraq, which became the capital of the country. His house is still standing south of Sheikh Isa Bin Ali House. The area surrounding Sheikh Abdullah's house became the nucleus and the town continued to grow around it (Figure 1-1).

During the reign of Sheikh Isa Bin Ali al-Khalifa (1867-1931) Al-Muharraq became the centre of the pearl-diving industry in the Gulf. It accounted for 65% of Bahrain's fishing fleet and 40% of its merchant navy. Waves of immigrants, including entire tribes from various parts of the Arabian Peninsula, attracted by the prosperity of the pearl trade began to arrive. As was the practice in Muslim towns, each tribal grouping was given an own parcel of land (*farij*) to build their houses on. Within it the tribe created plots and access lanes to them.

Figure 1-2 is a diagrammatic representation of the factors that created the town of Al-Muharraq. Chief among them were maritime trade which was made possible by the monsoon winds and the island's natural produce, pearls and dates. The island site was a natural deterrent against invasions and insured prosperity and continuity of urban life. They are the same factors which created all the other harbour towns that grew along the Western Indian Ocean and its inlets which are shown on Figure 1-3. These towns shared the same religion, Islam, and the same function, trade, as well as an affinity to the waters of the Ocean which gave them their nourishment, building materials and of course the waterways for their sail boats. Indeed it is possible to speak of an Indian Ocean cultural zone which united the entire region between the Arabian Gulf in the north and Zanzibar and beyond in the south. News, innovations and skills traveled freely along these waterways together with the commodities of trade. The most important commodity, as far as buildings were concerned was mangrove poles which still grow in abundance along the swamps lining the East African shores of present day Kenya. Mangrove poles are straight, strong, free of knots and fairly resistant to termite and fungal attack. They were used throughout the region to support the floors and roofs of buildings. Because of their limited diameter however, which is not more than 15 cm, they could not span larger than about three meters and this became a module that gave visual unity not only to the buildings within the towns, but also to the towns of the entire region. The practice of connecting houses across streets through upper floor bridging rooms meant that the module applied not only to buildings but to streets as well (Figure 1-4).

The discovery of oil during the 1930s brought about the demise of the pearling industry and the spread of steamship navigation rendered the small harbour redundant and Al-Muharraq began to regress. Many families left the old town and the old urban fabric is now disintegrating slowly because of lack of maintenance.

Thankfully, the authorities have now decided to invest resources to revitalize the old town because they realize that it represents a facet of the past of Bahrain that is too important to its future to be allowed to die.

A chronological table is given in appendix C.

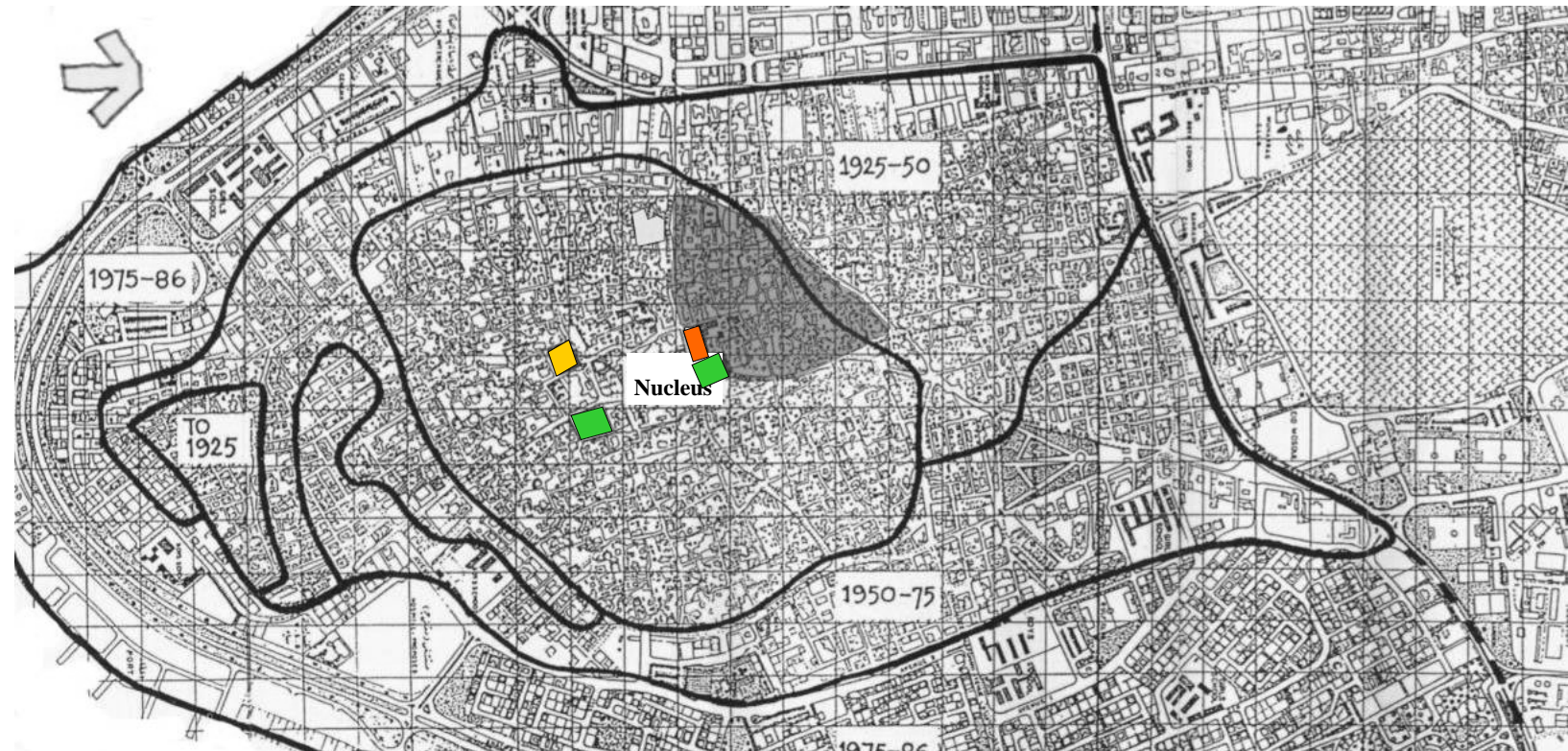


Figure 1-1: Growth of Al-Muharraq Old Town

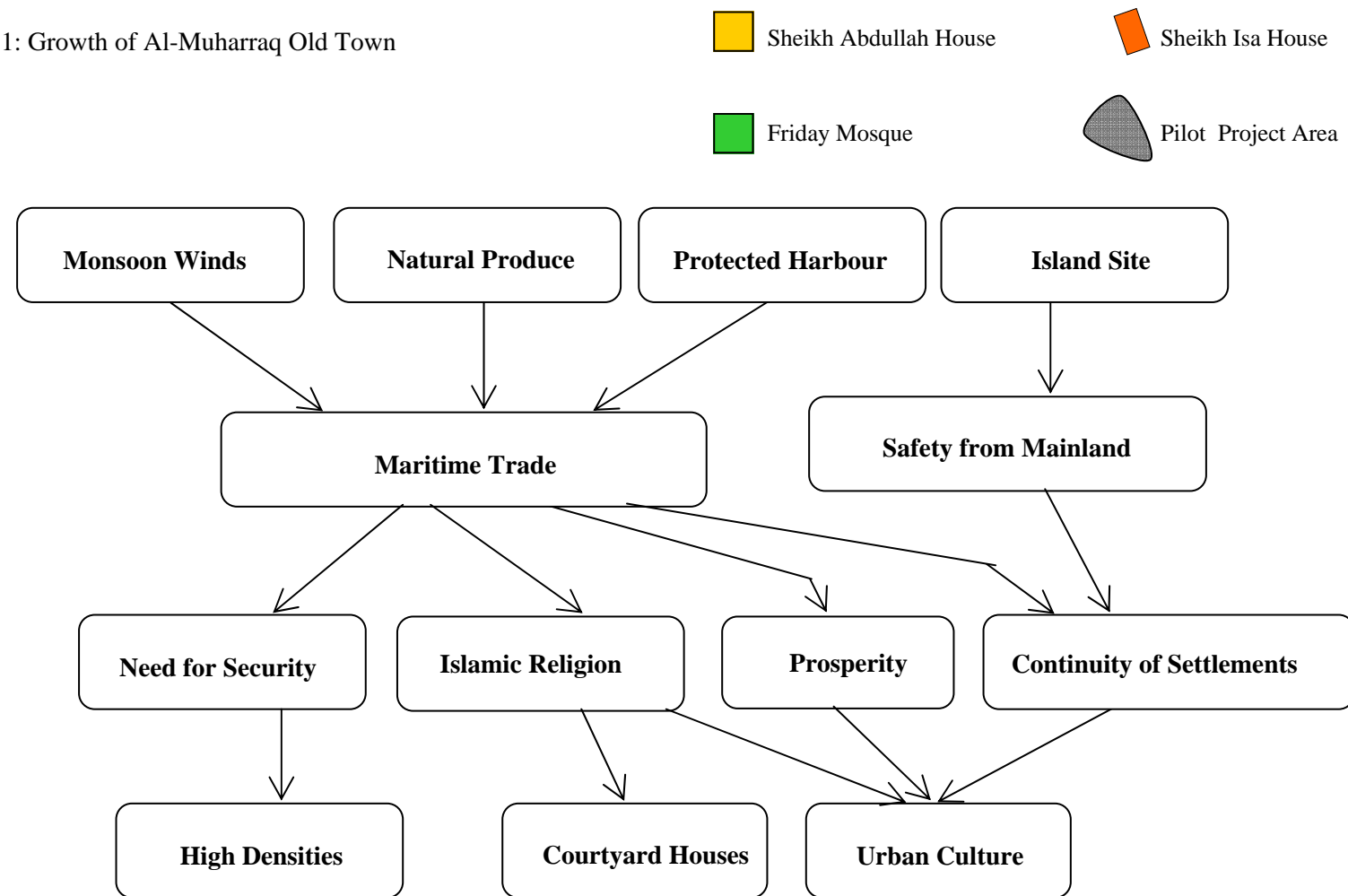
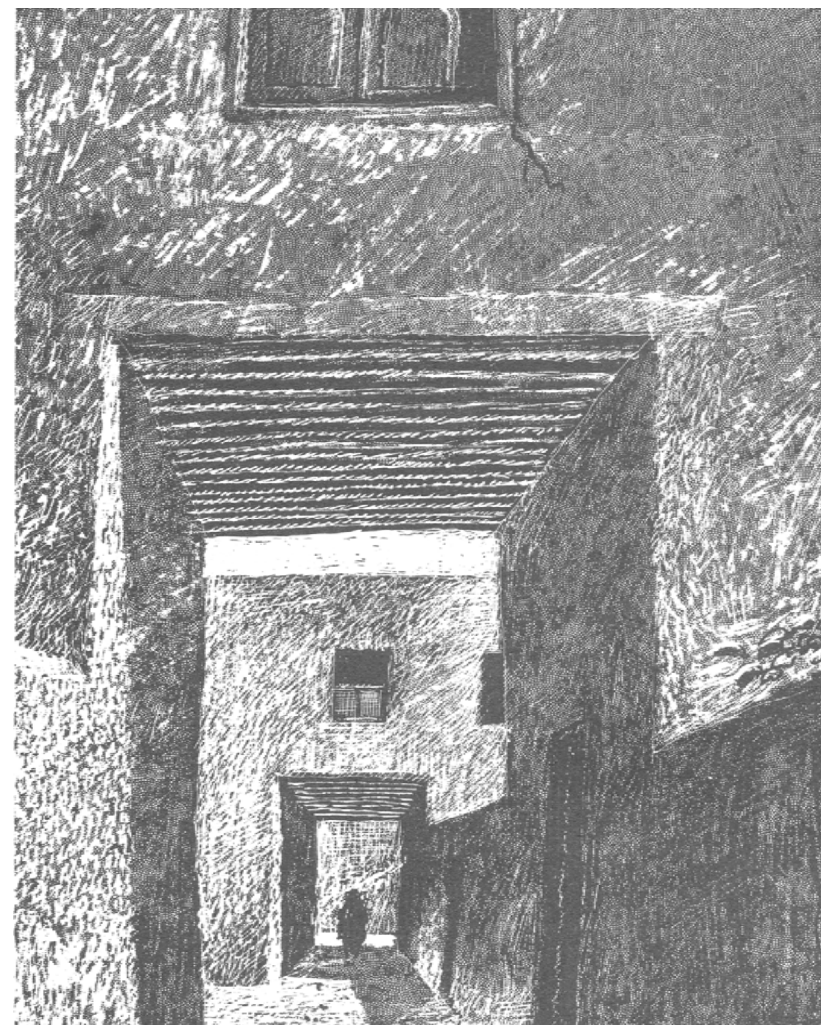
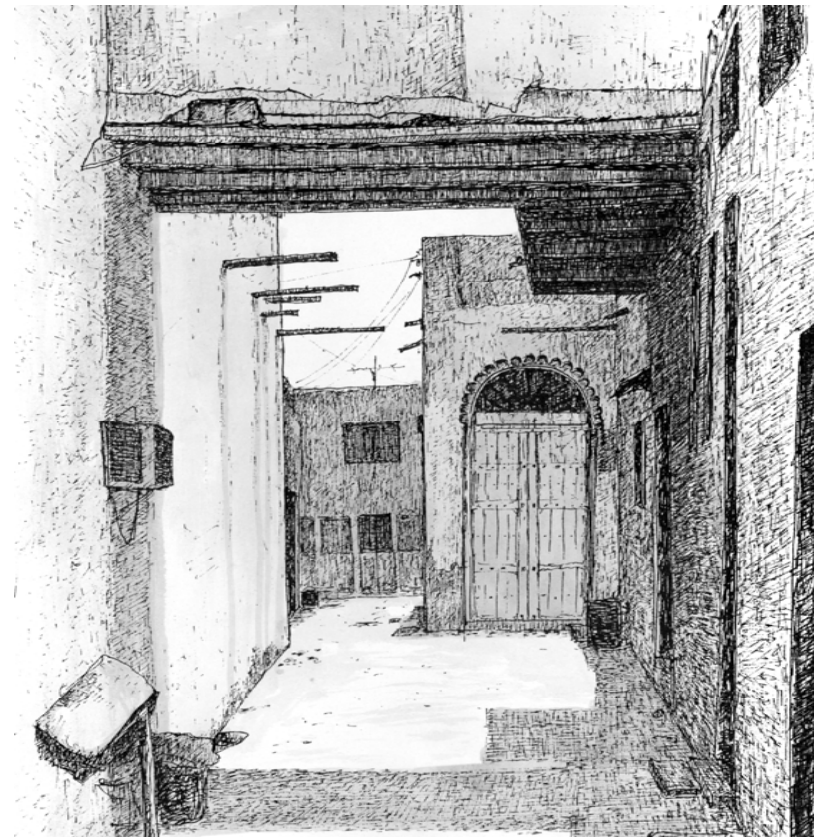
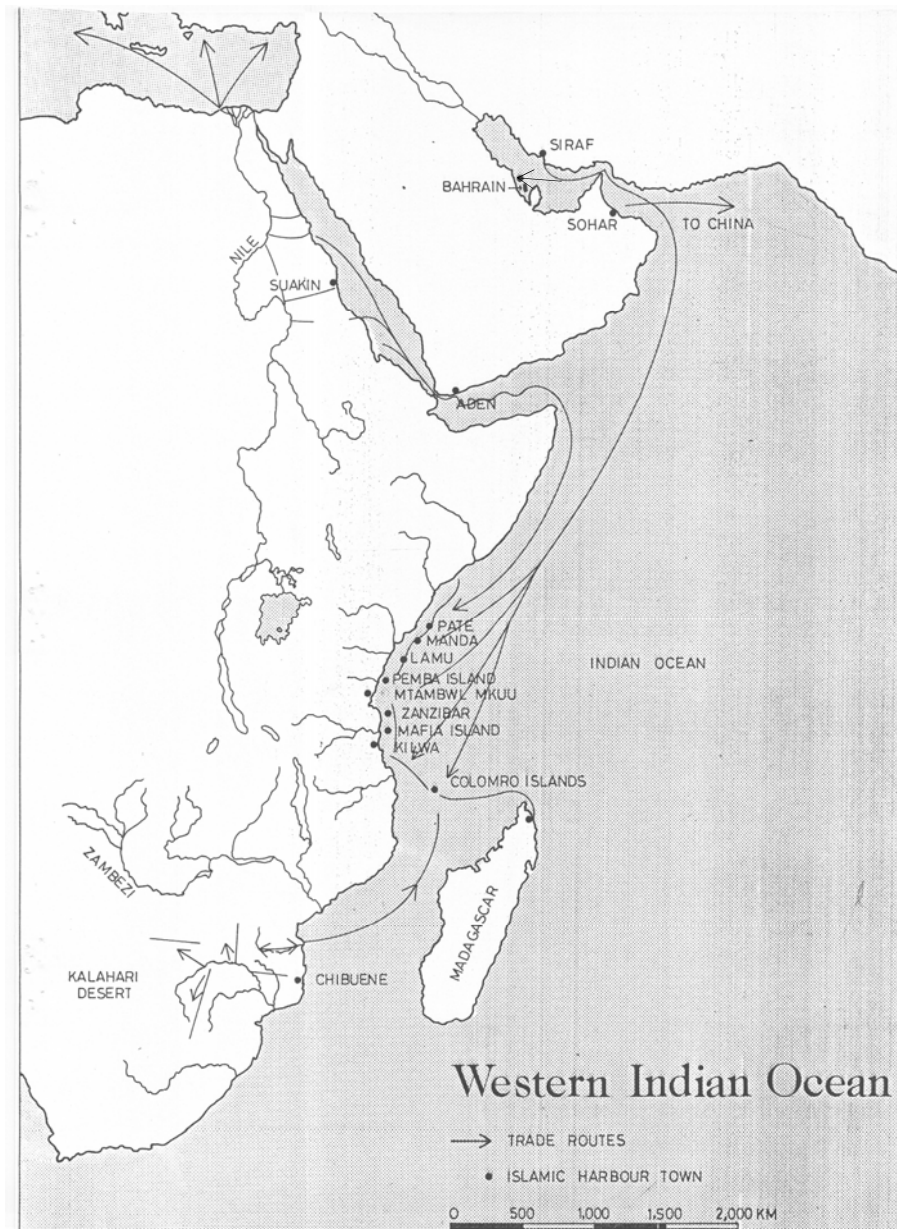


Figure 1-2: Diagram of Causal Relationships Showing Development of Al-Muharraq Old Town

# 2

## AL-MUHARRAQ PILOT PROJECT



The old town of Al-Muharraq lies at the southwest tip of Al-Muharraq Island, the northernmost in the Bahrain archipelago. Its population in 2001 was 92,000 inhabitants. It is a low-rise, high-density town, the product of two sets of cultural influences, namely the religion of Islam and tribal solidarity. The demand of the former for total privacy has meant that houses turn away from streets, while the dictates of the latter created the need for high densities that make involvement among families living in the same neighbourhood possible. Streets run east-west at right angles to the coast, to minimize the distance from the harbour to the houses and allow the sea breezes to enter the town. The old seashore was only 20 meters west of Wali Ahd Avenue and 250 meters south of Sheikh Abdullah Avenue.

Block 209 was selected during the previous stage to be studied in detail during the current one. It is a triangular parcel bounded by three commercial roads. Its area is ten hectares and it contains over 410 plots. Six of them have mosques, 42 are commercial (shops) or mixed development (apartments above shops), 56 are vacant and the remainder are houses. The population of the Block is just over 3,000 persons more than half of them are non-Bahraini.

### LAYOUT

To assess, understand and record the various aspects of the area's urban fabric, an intensive two-week survey was conducted. During this period the following facets were studied:

#### **Building Heights** See Figure 2-1

Limited technology is the reason for the low-rise development. although increased demand for housing has created a market for a building type, hitherto unknown in Al-Muharraq, namely multi-storey blocks of apartments. There are 357 standing buildings. Eight per cent are 3-storey, 53% are 2-storey and 39% are one storey. There is one 4-storey building at the south-west corner of the block.. The tallest traditional building is the 3-story Seyadi House which is 13 meters high. It was built as a single-storey house in 1850 and was raised in 1921 when a double height *mejlis* was added to it. (Figure 2-6)

Figure 1-3: (above) Harbour Towns of the Western Indian Ocean Region

Figure 1-4: Covered Streets. Above right): In Al-Muharraq Old Town  
Below right) In Lamu on the East African Coast The old town of

All the mosques in the area, except one are single storey and their scale is in keeping with that of the surrounding fabric. The exception is Isa Bin Ali Mosque at the south-eastern corner of the site. It covers an area of 1800 m<sup>2</sup>, rises 14 m above its site and has two minarets 30 m high. It is totally out of scale with its environment and dwarfs the historically important Sheikh Isa Bin Ali House to its west. (Figure 2-2).

### Recommendation

In order to preserve the character of the place, it is recommended that the height of new development not exceed those of the adjacent buildings.

### Physical Condition See Figure 2-3

Forty-one per cent of the standing buildings are in good physical state, 29 % are in acceptable state, 25% are in need of extensive maintenance and 5% are beyond repair.

The majority of the poor stock is situated north of the block. The better structures are in the south-west. Fifty-six houses have collapsed leaving vacant plots. When the photograph on Figure 2-4 was taken in the mid-nineties, the buildings north and west of Sheikh Isa House were still standing. The structures immediately to its east and north, already beyond repair when the photograph was taken have disappeared, so have the two rows of buildings to the west; and the buildings lining the road that runs south-north parallel to the school have been replaced.

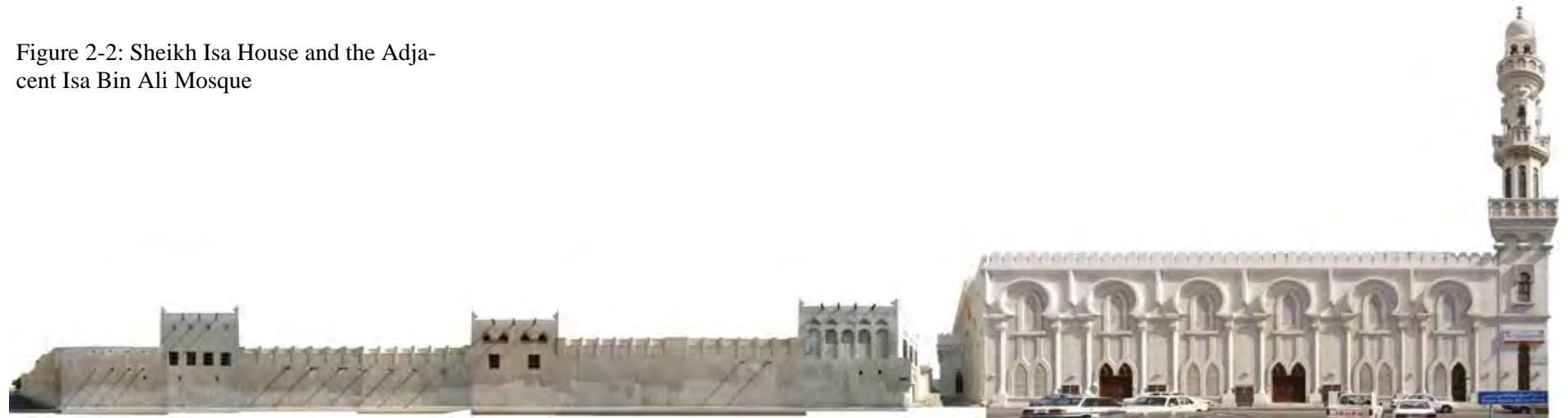
Rising damp is a major cause of deterioration. The water carries with it corrosive agents in the form of soluble salts which attack the structures. Traditional buildings in Al-Muharraq are normally built on large stone foundations that can hold the bulk of any fluid. In buildings where this is not the case, underpinning or gravity-injected liquid silicone may be necessary to prevent damp from rising into the walls.

Another reason for deterioration is use of inadequate materials and/or workmanship in repair work such as sand-cement plaster to repair fallen patches made of *juss* or lime plaster. This material which was applied in many layers is hard and expands and contracts with the weather, but next to cement it disintegrates as explained in Chapter 5. Reinforced concrete containing unwashed sand used in a number of places to build canopies has already deteriorated while the much older structures to which they were added are still in good condition.

But the chief reason for advanced decay is lack of maintenance. House maintenance in traditional societies was carried out communally. It was common practice for the men of the village or

neighbourhood to work together repairing walls, resurfacing roofs and carrying out other preventive maintenance before the rainy season every year. With the change in life style that practice has ceased exposing buildings to decay and eventual collapse.

Figure 2-2: Sheikh Isa House and the Adjacent Isa Bin Ali Mosque



### Recommendation

The authorities should ensure that owners of hazardous buildings carry out the required repairs without delay. It will be useful to establish an Emergency Loans Fund to pay for urgent structural repairs to buildings whose condition is likely to endanger public safety and whose owners are unable to pay for the repairs.

### Land Use See Figure 2-5

The greatest majority of plots (62%) are family houses, 12% are apartment buildings, and 8% are shops. There are six mosques making up 1.5% of the total number of plots, 10 cultural and educational buildings or 2.5% and the remainder (14%) are empty plots.

The cultural buildings are concentrated in the south-western part of the block. These buildings together with the shops bring many cars into the area which occupy every empty space and vacant plot available. (Figure 2-6)

Because of the freehold nature of the tenure, the government owns very little land and this makes provision of services extremely costly.

Shari'a law stipulates that possessions, including land, be divided among descendants after the death of the owner. This has led to fragmentation, odd-shaped plots and in some cases to land-locked parcels. (Figure 2-7)

### Recommendations

1. Where rooms have no natural light, a simple raised roof measuring about 2 meters square can be constructed. This can and should be done without removing any existing beams. Only a small section of the roof need be removed. By constructing a drip moulding round the raised roof, the shaft will remain dry while providing good ventilation (Figure 2-9).
2. All habitable dwellings should be required to have paved floors in good condition to meet health standards.

### Occupancy See figure 2-8

Twenty-nine and a half per cent of the plots are occupied by their Bahraini owners, 20.5% are occupied by Bahraini tenants, 17% are

rented to non-Bahrainis, most of them foreign labourers and 5% are unoccupied. Fourteen per cent of the plots are vacant, 4% are fenced, 10% without fences. The 10 cultural and educational buildings account for 2.5% of the total number and the six mosques account for 1.5. The remaining 10% are commercial buildings.

Migration out of the old town began during the 1960 and continued until the end of 1980s. The main reason for this exodus was the lure of the new towns of Isa and Hamad.

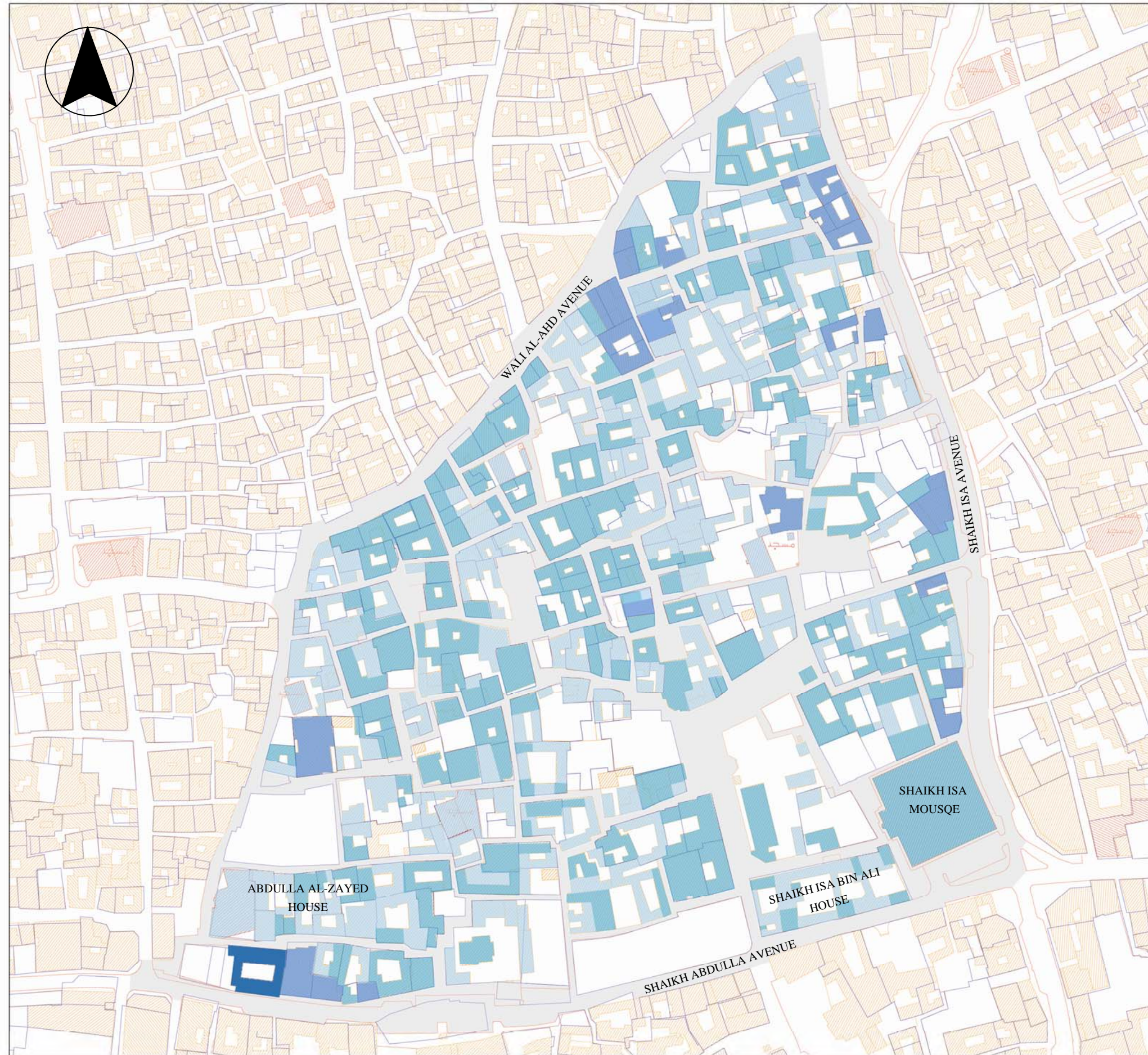
Most present occupants are too poor to maintain their houses or do not know how to, even if they could. They include an estimated number of 1800 foreign workers. Some houses are occupied by as many as 15 bachelors, although they were not designed for this intensity of usage (Figure 3-6).

It is sometimes said that the traditional houses have outlived their usefulness and are unable to provide modern comfort standards. But with some care and conservation skill it is possible to adapt them to modern comfort conditions as the proposals contained in the studies produced during Stage 1 of this project show. It is the responsibility of the architects and planners of Bahrain to find effective ways of adapting traditional buildings to present-day needs with as little intervention as possible

### Recommendation

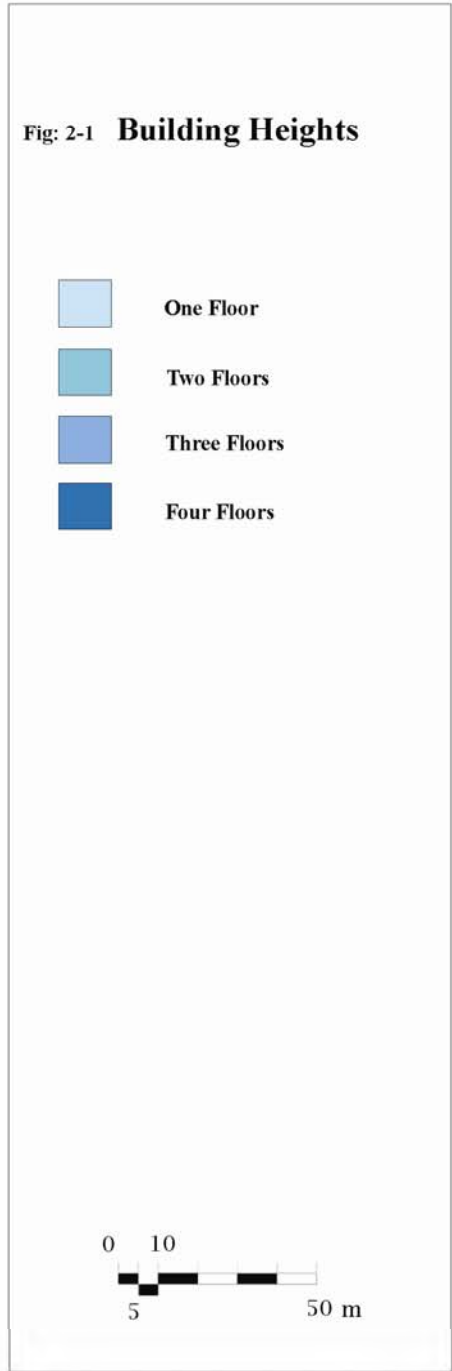
Conditions in many of the houses rented to foreign labourers are dangerous. Some rooms have five or more beds and a lot of inflammable material, including in some cases fuel in kerosene stoves. It is only a matter of time before a fire accident causes untold casualties.

It is the responsibility of Al-Muharraq Municipality to set maximums for allowable persons per dwelling and minimum standards for numbers and types of facilities, fire fighting equipment, electrical installations, etc in such buildings and to enforce them.



**URBAN DESIGN  
PROJECTS FOR  
TRADITIONAL AREAS**

( MUHARRAQ Block 209 )



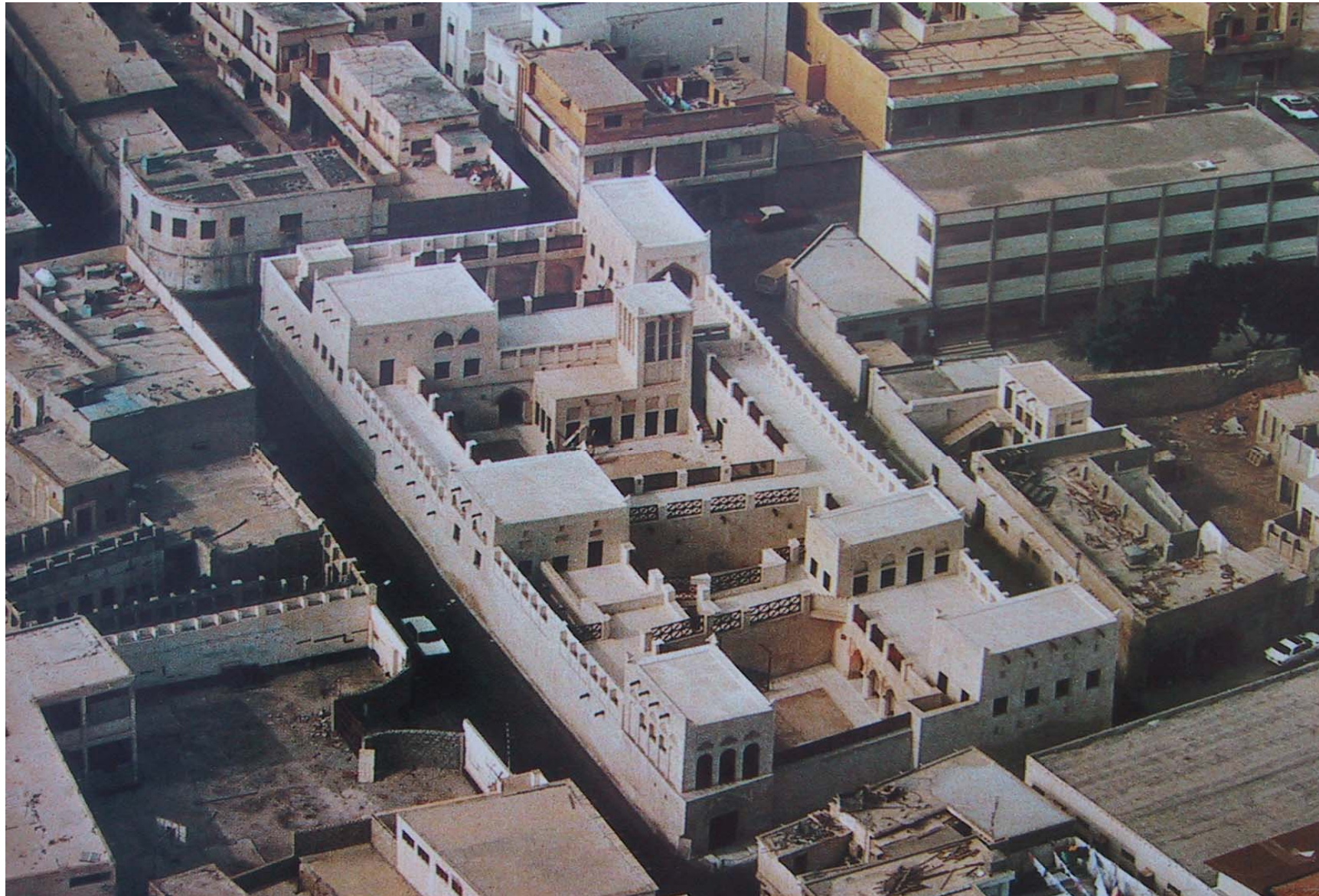


Figure 2-4: House of Sheikh Isa and Surrounding Buildings. The photograph was taken in the mid 1990s.

#### Positive Aspects of Block 109

1. The area contains one of Bahrain's most important historic buildings; the house of the longest ruler (1869-1932), Sheikh Isa Bin Ali. It also has Al-Muharraq's most ornate piece of traditional architecture, the Small Seyadi house and one of its most beautiful mosques, Seyadi mosque.
2. Thanks to the efforts of the Department of Culture and Heritage in the Ministry of Information, the area is becoming a centre for cultural activities. In 2001 the Department acquired a house that was occupied by one of Bahrain's pioneer journalists and turned it

into a Journalism Museum. A short while before that the Sheikh Ibrahim Centre for Studies and Research was established in the same area. Two other projects are under construction. They are Korar House for the promotion of Bahraini traditional embroidery and "Iqra' Children library".

#### Negative Aspects

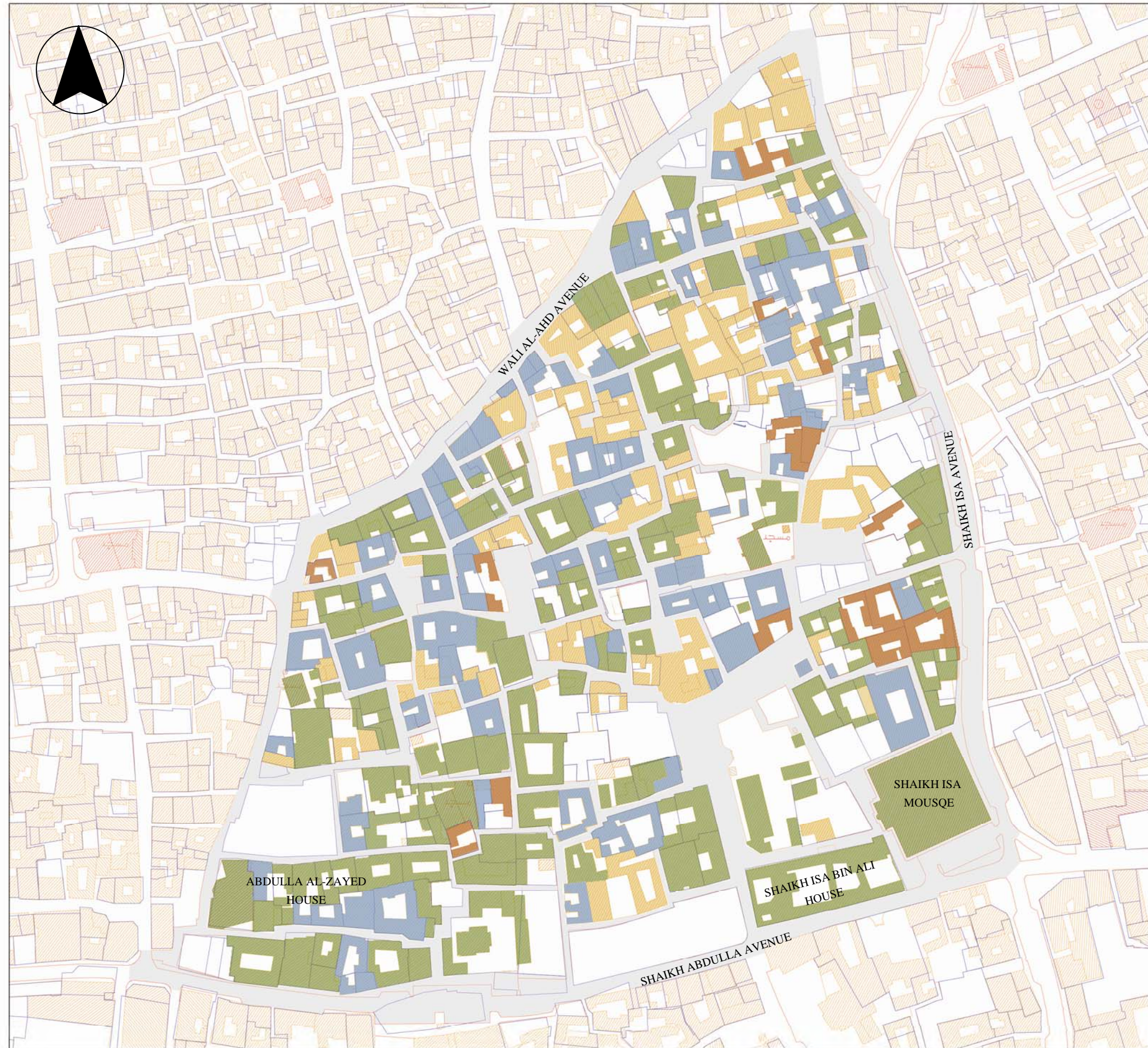
1. There are no public open spaces, and no children's play grounds. All available external spaces, public and private are taken over by cars
2. The commercial value of the land frequently exceeds that of the old structure that is standing on it and the pressure to destroy old buildings and replace them

with new, more lucrative ones is difficult to resist.

3. Land tenure leads to fragmentation. Subdivision arises when descendents inherit properties. The process is repeated every generation resulting in ever smaller plots.
4. As a result of migration of Bahraini house-owners the houses they left behind are now occupied by foreign labourers, mostly bachelors, and the society is gradually losing its social cohesion.
5. New building technologies have hastened the disappearance of traditional skills and forced the craftsmen out of existence.

#### Recommendations

1. Legislate to prevent owners from demolishing their houses and replacing them with more lucrative projects.
2. Rejuvenate the economic base through investment and incentives and effective administrative mechanisms.
3. Al-Muharraq Municipal Council should formally adopt the building regulations recommended by the previous stage. This will give the council the power and means to control new development in the area.



**URBAN DESIGN  
PROJECTS FOR  
TRADITIONAL AREAS**

( MUHARRAQ Block 209 )

**Fig: 2-3 Physical Condition of Buildings**

- Good
- Acceptable
- Bad
- Beyond Repair





Figure 2-6



Figure 2-7

## BUILDING STOCK

There are four building types:

1. Traditional houses
2. Mosques
3. Non-traditional houses
4. Commercial/residential buildings

The first is the most important building type architecturally. It is a one- or two-storey stone residence which is inward opening, and has its spaces ordered along an intimacy gradient commencing at the main door. The sequence is generally as follows:

1. Entrance hall, which is usually but not always covered.
2. Open courtyard.
3. *Liwan*, which is a colonnaded portico along one or more sides of the courtyard.
4. Rooms.

There are four house types depending on the number of their courtyards, as follows:

1. Three courtyards: *mejlis*, *haram* and utilities.
2. Two courtyards: *mejlis* and *haram*/utilities.
3. Two courtyards, one for the use of the family and the other for utilities.
4. Only one courtyard for use of family and utilities. In

this case the *mejlis* occupies a separate building on an adjacent Site.

Houses with more than one courtyard usually have two entrances one for each courtyard. Figure 2-10 is plan of a two-storey house with two courtyards. Figure 2-11 is an interior view of the same house.

Facades are divided into vertical bays of equal width separated by piers. These are crossed by beams forming panels of varying height that enclose windows, niches, carved plaster and parapets. Walls frequently incorporate wind catchers. A wind catcher is a gap between two thin panels which runs the width of the bay and directs air currents towards the floor or, in the case of a parapet, to the roof terrace which was used for sleeping during summer. See the section on Figure 2-9.

## Building Methods

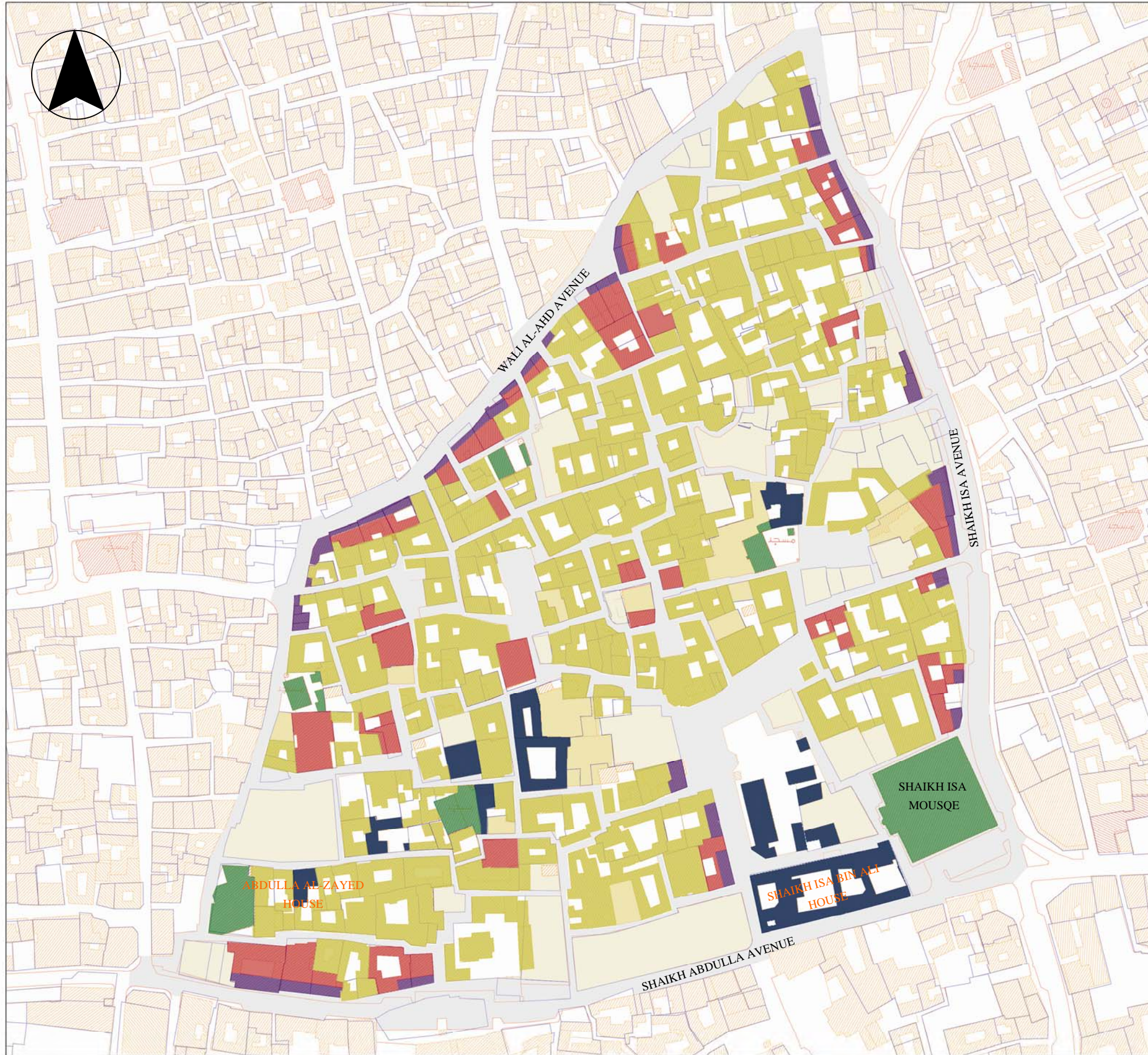
Walls were built of large blocks of coral picked up from the seabed, where it is hardest. A little rough dressing was sometimes necessary to remove obtrusions but there doesn't seem to have been any attempt to cut them square or make a flush wall-face. Coral varies in consistency and can lose strength rapidly if it is exposed to contrasting temperatures and humidity. It was therefore essential to protect the wall surfaces by covering them with lime rendering and to contribute tensile strength and elasticity by inserting lengths of wood in the walls and arches, (Figure 2-12). Sometimes the pieces of wood were bound with had ropes to increase the bond.

Floor beams were laid about 30-40 cm, apart. The floor consisted of a layer of thin canes laid diagonally across the beams, forming a diamond pattern between the beams. A layer of closely-woven matting was laid over the cane sticks and covered with earth and small stones; this was covered with mats or carpets, (Figure 2-13). The roof was constructed in the same way as the floors but with a thicker layer of earth and sloped outwards towards the wooden spouts.

Carved plaster is the chief form of decoration. Patterns are abstract and geometric which repeat the discipline of the grid in the facades.

## Positive Aspects

1. The courtyard of the traditional house is completely private. It provides light and ventilation to its adjacent spaces.
2. The plan is a major asset in its urban environment because it is compact and does not need to be surrounded by large external open spaces.
3. The proximity of one house to another, separated only by a very narrow lane, provides shade to exterior walls and the street, (Figure 2-14).
4. Rooms have thick walls and high ceilings which keep them relatively cool. Ventilation and air movement are further enhanced by the use of wind catchers and sometimes wind towers.
5. Decorative plaster greatly enriches the interior spaces and softens the angular nature of the construction.



**URBAN DESIGN  
PROJECTS FOR  
TRADITIONAL AREAS**

( MUHARRAQ Block 209 )

**Fig: 2-5 Land Use**

- Apartment
- Single House
- Empty Land Without Fence
- Empty Land With Fence
- Cultural/Educational
- Religious
- Commercial



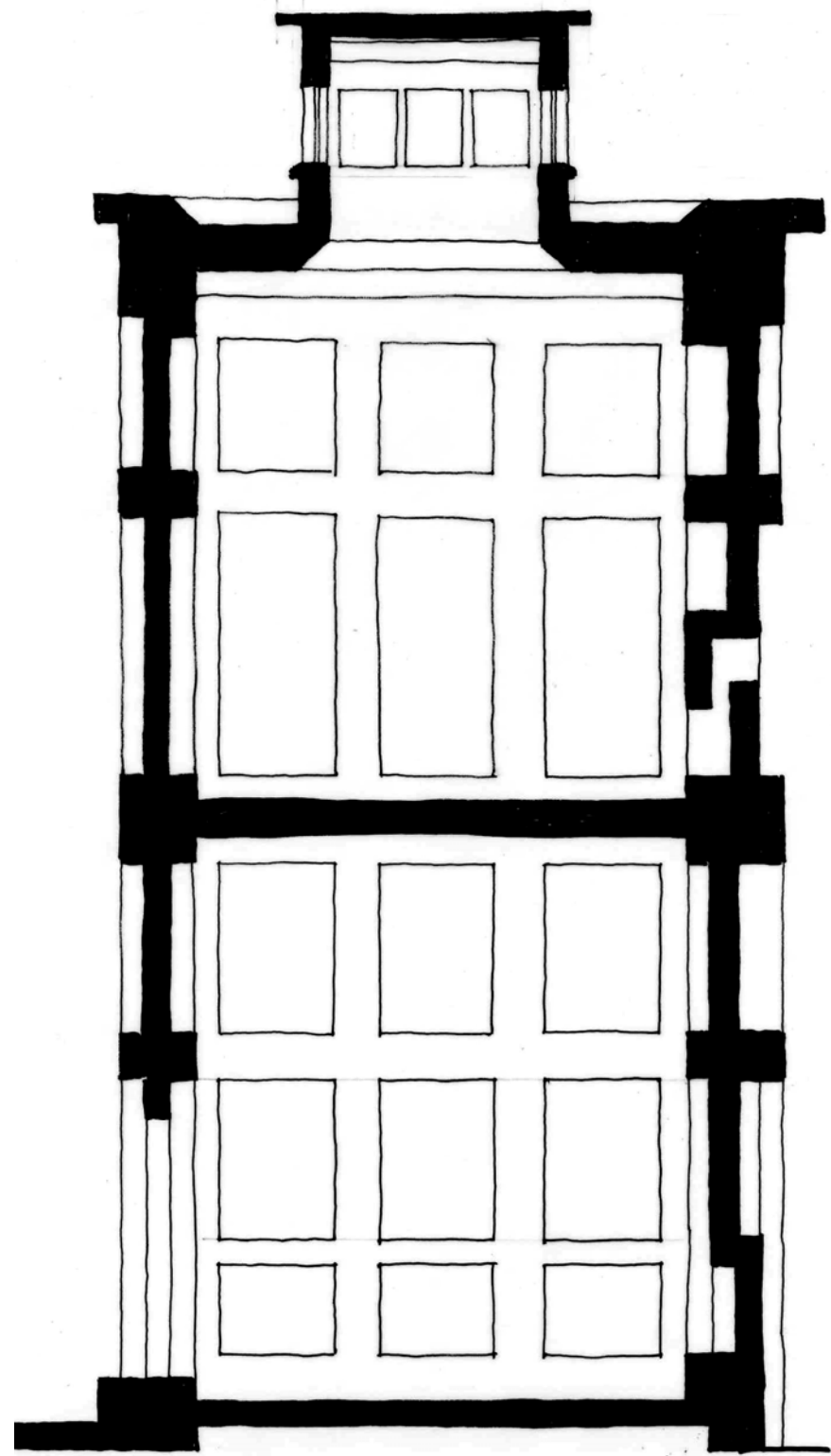


Figure 2-9

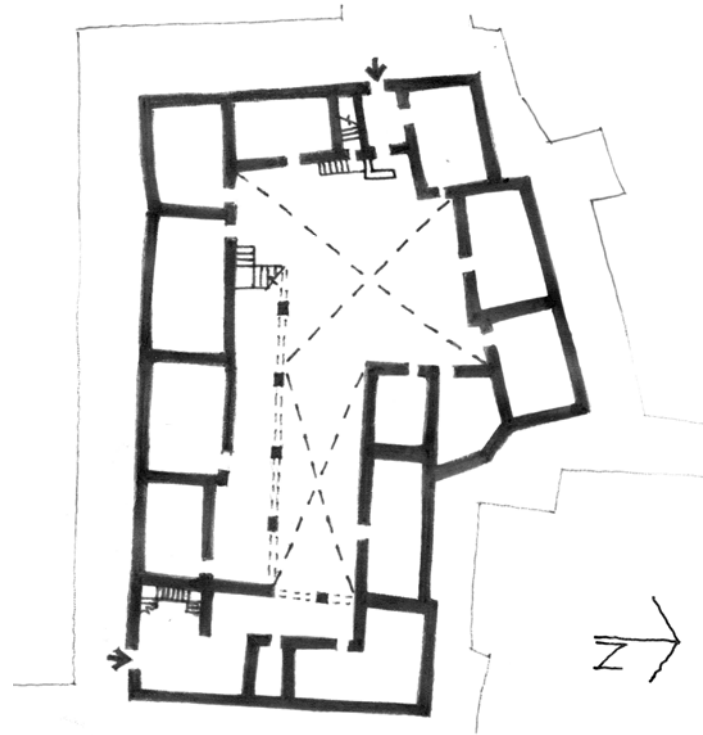


Figure 2-10

#### Negative Aspects

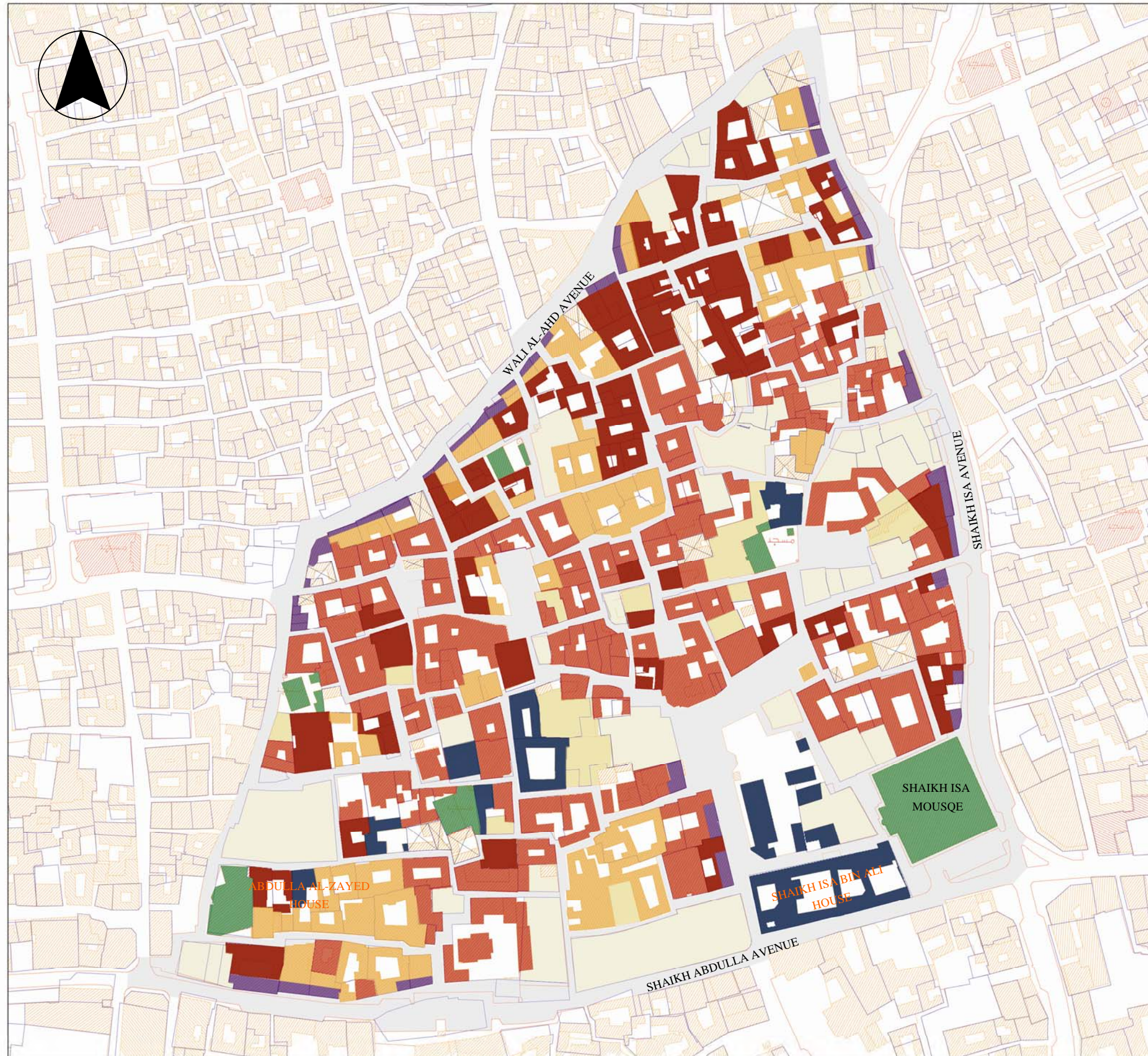
- 1 Windows are usually non-existent or minimal. As a result some rooms are not fully utilized today.
- 2 Because a traditional house is designed to accommodate a single family, it becomes uncomfortable when it is occupied by more than one household. The practice of building full height concrete block partitions greatly reduces light and ventilation.
- 3 Due to the introspective nature of these houses there is a tendency not to maintain the exteriors. Consequently some houses become a threat to their inhabitants as well as to passers- by on the street.



Figure 2-11

#### Recommendations

1. The construction of future second storeys which cover any part of a ground floor courtyard should be prohibited.
2. In the interest of public safety all exterior stonework and wall coatings should be required by law to be maintained in good condition.



**URBAN DESIGN  
PROJECTS FOR  
TRADITIONAL AREAS**

( MUHARRAQ Block 209 )

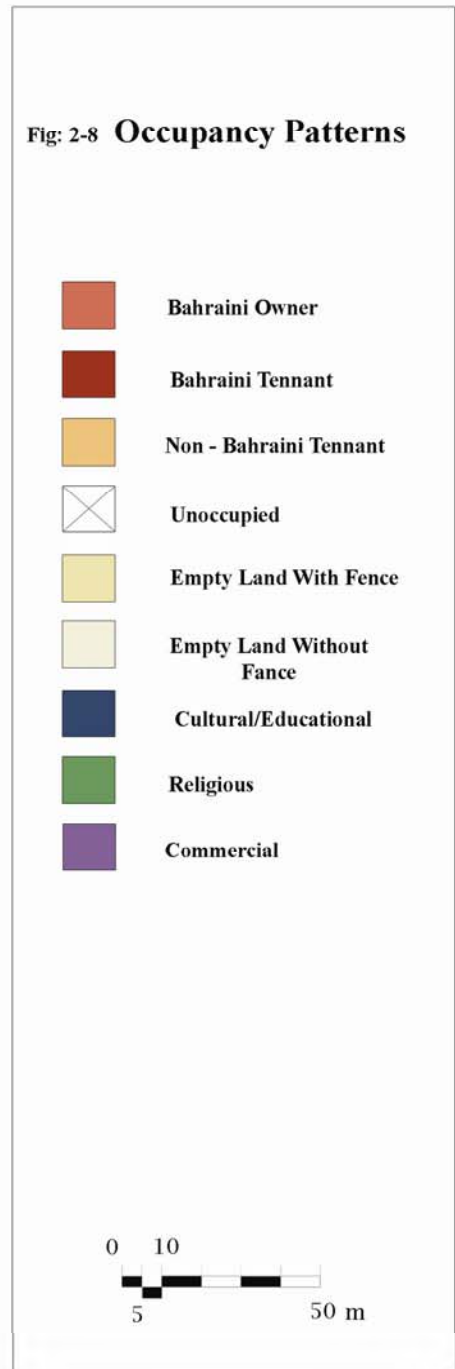




Figure 2-12



Figure 2-13



Figure 2-14

### 3 BUILDINGS OF MERIT

Twenty-nine traditional houses and six mosques were surveyed. Their locations are shown on Figure No 3-1. The completed inventory forms used for the survey are in appendix B. The houses surveyed represent 82 % of all traditional houses in the block and 6% of the total number of houses that are still standing. Eighty-two per cent of the traditional houses surveyed are intact and in use, another 14 % are intact and vacant and 4% are partially collapsed. Thirty-two per cent of the traditional houses surveyed are rented to guest workers.

The primary use of the traditional houses is residential. Two houses have been converted into museums and one is being renovated for the same purpose.

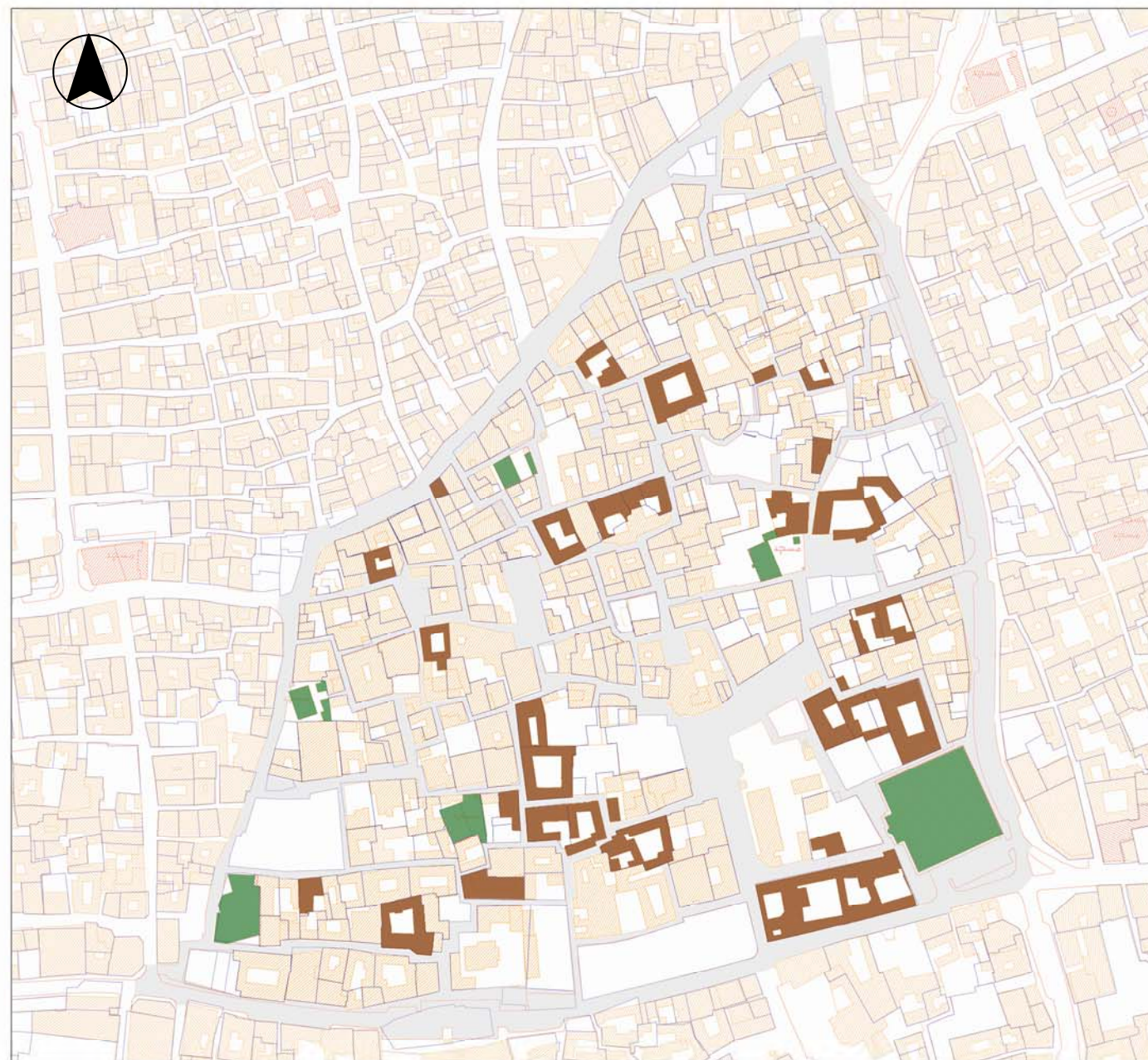
Below are brief descriptions of the more important of the traditional buildings surveyed.

#### House No. 193 on Street no. 913. Form no. 7 (Figure 3-2)

Two-storey traditional house in good condition overlooking a large open space. It has a square courtyard with *liwan*. The façades show interesting play of solids and voids. The parapets are divided into rectangular panels with recessed trefoil arches.



Figure 3-2



URBAN DESIGN  
PROJECTS FOR  
TRADITIONAL AREAS  
  
( MUHARRAQ Block 209 )



House No. 168 on Street no. 913. Form No 8 (Figure 3-3)

Two-storey traditional house in good physical condition. It has a large square courtyard. The walls have incised panels decorated with geometrical patterns. There are large corner merlons in the parapets. The front door has a carved centre post of good quality .



Figure 3-3

House No. 174 on Street No. 913. Form No. 9 (Figure 3-4)

This large traditional house has three entrance doors, one of which is intricately decorated with iron round-headed nails and bars. There is a large oblong courtyard with a new swimming pool at its centre. Facades are divided into modules enclosing niches of different shapes and sizes.



Figure 3-4

Building no. 254 on Street no. 917. Form No. 12 (Figure 3-5)

Rectangular single-storey *mejlis*, belonging to the house on form No. 13 described below and probably built during the same period. The long side which is made up of seven modules faces west but is protected from direct sun by the main house across the lane. The south façade has three modules. Each module contains two panels, the top one is plane the bottom contains a timber framed window with vertical steel burglar bars. There are pronounced merlons at the four corners of the parapet.



Figure 3-5

House No. 383 on Street no. 920. Form No. 13 (Figures 2-10 & 2-11)

Fine free-standing, two-storey house in good physical state. It was built during the early years of the last century around two intercommunicating courtyards, one of which has later been roofed over. There are two staircases and many large rooms, some with fine wooden ceilings. There are recessed arched panels in external and internal walls, the latter incorporate fine examples of plaster carving.

House of Abdullah Al-Zayed. Form no.19 Figures (3-6 and 3-7)

This small two-storey house is important historically as it was the residence of Bahrain's most prominent journalist. After his death the house was neglected and its structure and finishes deteriorated. In 2000 the Department of Culture and Heritage restored it completely and turned it into a Museum of Journalism.



Figure 3-6: House Before Renovation



Figure 3-7: House After Renovation

Small Seyadi House. Form No. 27 (Figures 2-6 & 3-8)

This remarkable building belonged to one of Bahrain's prominent pearl merchants. Its construction began in 1850. The ground floor has two relatively small courtyards and a seven-meter long living room, with niches, carved plaster panels and a painted wooden ceiling. The impressive, double height *mejlis* was added on top of the structure in 1921 to take the house to a height of 13 meters above ground. The windows are protected by intricate cast plaster grills. Each facade is divided into six modules. The building was connected to the two-storey family residence opposite through a first floor room which spanned over the lane separating the two buildings. This bridging room has since

collapsed. The house now belongs to the Ministry of Information and is being rehabilitated to become a museum.

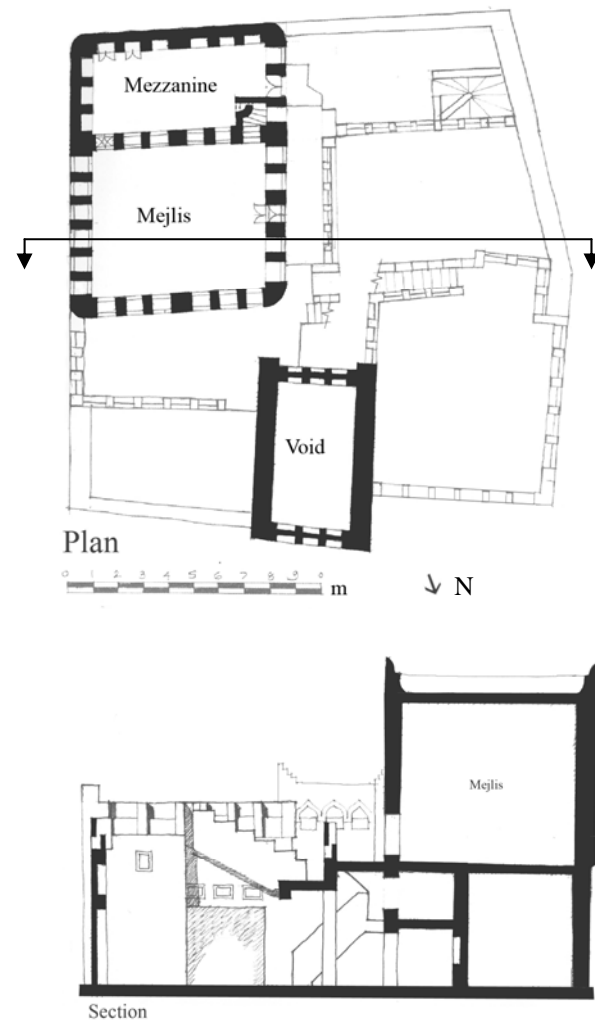


Figure 3-8: Small Seyadi house

House No. 763 on Street No. 936. Form no. 24 (Figure 3-9)

Two-storey house with two courtyards, each with its own entrance, for women and men respectively. The women's courtyard has a fine *liwan* along its western side. There are tall parapets incorporating wind catchers.

The building, which is currently occupied by guest workers, is in bad state of repair. The steel pipe gargoyles are decayed and the external rendering is crumbling because of moisture attack. It has been repaired badly with cement-sand rendering in places. A corrugated iron pergola has been added to a part of the first floor terrace.



Figure 3-9

Large Seyadi House. Form No 28 (Figure 2-6)

The main residence of the famous pearl merchant is across the road from the smaller house described above. It is a two-story building with two courtyards. The larger one is for the use of the family, the second is for utilities. There are 8 rooms on the ground floor and 5 on the upper floor. The house is important historically because of the family which built it and architecturally because of its interesting layout.

Sheikh Isa House. Form No.29 (Figure 2-4)

Historically, this is the most important structure in Al-Muharraq. It was completed in 1869 and served as the ruler's residence for 34 years. There are four courtyards and one wind tower which is a later addition. It is nearly seventy meters long and is topped by a decorative parapet with wind catchers. The principal rooms on the ground floor have *liwans* with pointed arches. There are a number of separate one-and two-room apartments on the roof.

The house was restored to its original form by the Ministry of Culture and Heritage during the early nineties with minimum intervention and is now open to the public as a museum.

Séyadi Mosque. (Figure 3-10)

This is arguably the best of the six mosques in the pilot project area. It was built in 1910 on the site of a previous mosque erected in 1865. It has a 10-meter tall plain minaret. The portico and *mihrab* walls have pointed arches. In the end walls of the portico are pairs of windows. Each window is framed by a flat arch which rises above the window head. The upper part of the



Figure 3-10

flat arch contains a pointed arch which has a trefoil arch inside it, a novel design feature.

Recommendation

Traditional buildings are a fragile and rapidly vanishing resource. They are also a valuable resource because they reflect the outlook of the most enlightened citizens of the country at the time of their erection. It is therefore important that they be maintained in sound structural condition in accordance with good conservation practice. It is recommended that the Department of Culture and Heritage set aside a sum as financial guarantee to facilitate bank loans to owners to carry out the necessary repairs. If it is decided to acquire one or more of these houses for adaptation to compatible uses, the extent of intervention should be kept to the minimum necessary and should in any case be carried out in the same materials that were used for their construction. Care should be taken to protect their character and resist over gentrification and upgrading.

# 4

## PLANNING PROPOSALS

The advent of the steamship brought the demise of the monsoon trade in the Indian Ocean. The old harbour towns shown on Figure 1-3 could not compete with the bigger and better harbours which the new trading system required. As a result many of the towns regressed.

Al-Muharraq came into being as an administrative capital and grew later to become an important centre of pearl fishing and trading. The former function came to an end when the capital was moved to Manama in 1923 and the latter died with the discovery of oil during the 1930s and the production of cultured pearls in Japan. However, being an attractive historic environment the old town is beginning to attract cultural tourists. This fact has been recognized by the authorities, who are investing in programmes of conservation and urban renewal to create attractive and genuine environments to draw more tourists.

The graphic proposals illustrated below are shown on the location plan in Figure 4-1. They aim to provide the following:

1. Pedestrian routes along the interesting facades of traditional buildings.
2. Public open spaces with green areas.
3. Buildings to serve functions needed and lacking at present.
4. Car parks along the periphery of the block.

### Graphic proposal A

This proposal is shown on Figure 4-2. It presents our ideas for preplanning the western part of the central area. It includes a green open space measuring about 400 m<sup>2</sup> that can be provided with pergolas and seats. Here converge the pedestrian streets from all parts of the block. Like the green area west of the Community Centre it provides the inhabitants with a place for social intercourse and communal activities.

The block at present has no local shops that can be reached on foot. We have designed here a line of five small shops to meet this need. (Figure 4-10)

The proposal illustrates another principle central to the planning approach, namely peripheral parking. The plan provides 13 car parks along the perimeter of the site, distributed reasonably

equally along the boundary. Their total capacity is 140 cars. This makes it possible to free the rest of the block from vehicular traffic entirely for the use of pedestrians.

The number of parking spaces provided does not answer the total demand of the area. This can only be solved through a traffic plan conceived on the scale of the municipality.

### Graphic proposal B (Figure 4-3)

A spine, 200 m long, connects the existing Sheikh Isa House Museum in the south with Seyadi House Museum further north. Both these buildings are historically important traditional houses and have become popular tourist destinations. .

Facing Sheikh Isa House is its annex which was probably used as a coffee-making unit. It is an L-shaped building whose roof has collapsed but the structure is being restored by the Ministry of Information. It is proposed to incorporate it into the design of a cafeteria which covers the area to the north and east of it. It occupies the government-owned vacant plot no. 0449 with an area of 724 m<sup>2</sup>. The cafeteria is a U-shaped building with a planted courtyard which overlooks Sheikh Isa House through a pergola. (Figure 4-5)

The path continues northwards east of the school towards two vacant plots and a government-owned parcel. Their combined area is 590 m<sup>2</sup>. Here we are proposing a shopping arcade catering principally for tourists. (Figure 4-6) There are two courtyards one serving the shopping arcade, the other belongs to a workshop for traditional crafts such as basket weaving, pottery, etc. Vehicular access is from the west, near the public car park which is described in graphic proposal C.

Facing the exit out of the arcade is a public garden measuring 15 x 12.5 meters. It leads into the next space through a narrow opening between two existing houses. This is an open square consisting of 3 vacant plots (nos.9138, 69 and 9715) totaling and area of 380 m<sup>2</sup> (Figure 2-6). These too face a patch of government land which makes the available area 790 m<sup>2</sup>. A street on the east links the site to Sheikh Isa Avenue. West of the site is Seyadi Mosque, the most beautiful of the six mosques in the block. Its 10-meter tall minaret situated in the south-east corner of the its *sahn* dominates the square. The mosque is attached at its north side to the Small Seyadi House, soon to become a Museum, the most significant example of traditional architecture in the block. It is 13 meters high and has an imposing *mejlis* with curved corners and beautiful perforated plaster panels, (Figures 2-6 and 3-8). Diagonally across the mosque is the large Seyadi House. This is a mansion made of six blocks around an oblong family courtyard and another irregular service courtyard. In this square we have designed an

inn. It is a two-storey building containing 11 rooms and has a car park for 4 vehicles. The total area of the inn is 632 m<sup>2</sup>. It overlooks the mosque through its front garden. (Figure 4-7)

From here the spine continues northwards in the narrow lane between the two Seyadi houses, leading to another lot of vacant sites, nos. 15529, 15530 and 6889 opening onto the commercial road to the east. Their total area is 600 m<sup>2</sup>. Here we have designed a car park for 18 vehicles and a tea house. They are accessible from Sheikh Isa Avenue and are separated from it by a proposed line of shops 33 m long. West of the square are the remains of four houses. We are proposing that they be bought and a community centre be erected on their plots. The total area of the site is 330 m<sup>2</sup> which is enough for two halls and their related ancillary spaces. (Figure 4-8) This facility is needed for meetings, socials, talks, religious celebrations, charity bazaars, etc. West of the community centre is a large parcel measuring 500 m<sup>2</sup> which will become a public garden and children's play area. The exit out of it leads to the network of pedestrian paths described below.

### Graphic Proposal C (Figure 4-4)

This proposal contains three action areas. They are:

1. Mixed commercial-residential development on two plots facing Sheikh Abdullah Avenue. The large plot, no. 19754 is 80 m wide and covers an area of 1860 m<sup>2</sup>. It runs parallel to the main road. The smaller, plot no 12749, has an area of 700 m<sup>2</sup> and is perpendicular on the main road. Ground floor accommodation in both plots consists of shops, car parking, and entrance halls to the apartments above. A part of the larger plot, adjacent to Sheikh Isa house is left open to allow free view of the old ruler's house. Here is a fenced car park for 11 vehicles. The car park for the apartments on the smaller plot is at its northern end and has room for five vehicles. (Figure 4-9)
2. General car park north-west of the school. It occupies two vacant plot 9627 plus the government parcel facing it making a total area of 1460m<sup>2</sup>, which is enough for 38 vehicles.
3. The government-owned plot overlooking Wali Ahd Avenue and facing Abdullah Al-Zayed House has an area of 1440 m<sup>2</sup>. It is a few minutes walk away from the existing cultural buildings, which makes it an ideal site for a neighbourhood library which is one of the facilities needed. The building proposed on the plan has an area of 500 m<sup>2</sup>, enough for 8000-9000 books. There is provision for 20 car spaces and a gardens measuring 150m<sup>2</sup>.

## Recommendations

1. Planning policies ought to be drawn up and incorporated into a development plan for the whole town of Al-Muharraq. There is a difference between building by-laws and planning policies. The former regulate the use of materials, scale and methods of construction. The latter are more flexible, laying down strategies for the future rather than absolutes. They aim to establish guidelines for future development that will encourage economic growth without destroying the vital ecological and historical resources.

## Planning Policies

For planning purposes the town is to be divided into zones, for instance:

A. Conservation Zone I: Generally includes the area of the old town which the planning authority feels ought to be preserved in its traditional style and scale. Any planning application for development within this zone shall be judged on the basis of economic benefits to the local community and to ensure that there is no offence to the life and traditions of the community, no inappropriate character and no likelihood of pollution.

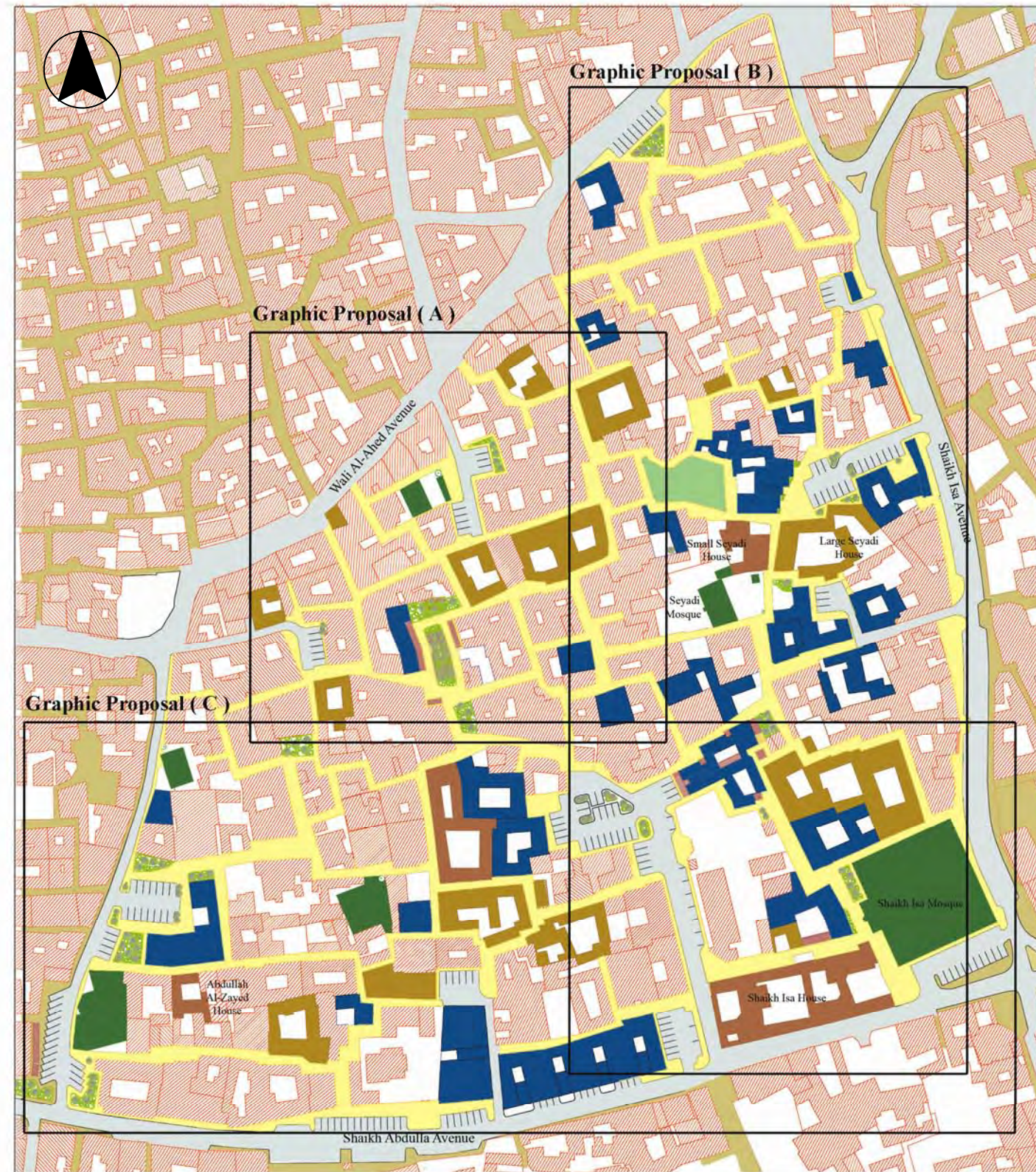
B. Peripheral Zone II: This area surrounds the Conservation Zone. Planning applications for development within this zone shall be judged on the basis of the criteria laid down for the Conservation zone, i.e. the effect of any development on Zone I must be carefully considered.

C. Development Zone III: This area will be for industrial development to raise the economic level, without adversely affecting the community or environment of Zone I.

D. Protected Coastal Zone IV: This will be prohibited to all development.

Standards to cover the following points are to be fixed for each zone: Plot coverage ratio, Change of use of buildings, Colour of buildings and Advertising signs.

- 2- Global warming has already caused damage in many areas of the world. The places that are expected to suffer most from it are small island countries like Bahrain. According to a study carried out in the Arab Gulf University, 5 to 15% of Bahrain's coastline is in danger of being flooded by the rising water level caused by global warming. Also in danger is an estimated 14 km<sup>2</sup> of Bahrain's urban areas and fertile agricultural land. It is imperative that this potential danger be kept in sight and effective defensive measures be planned to counteract it.

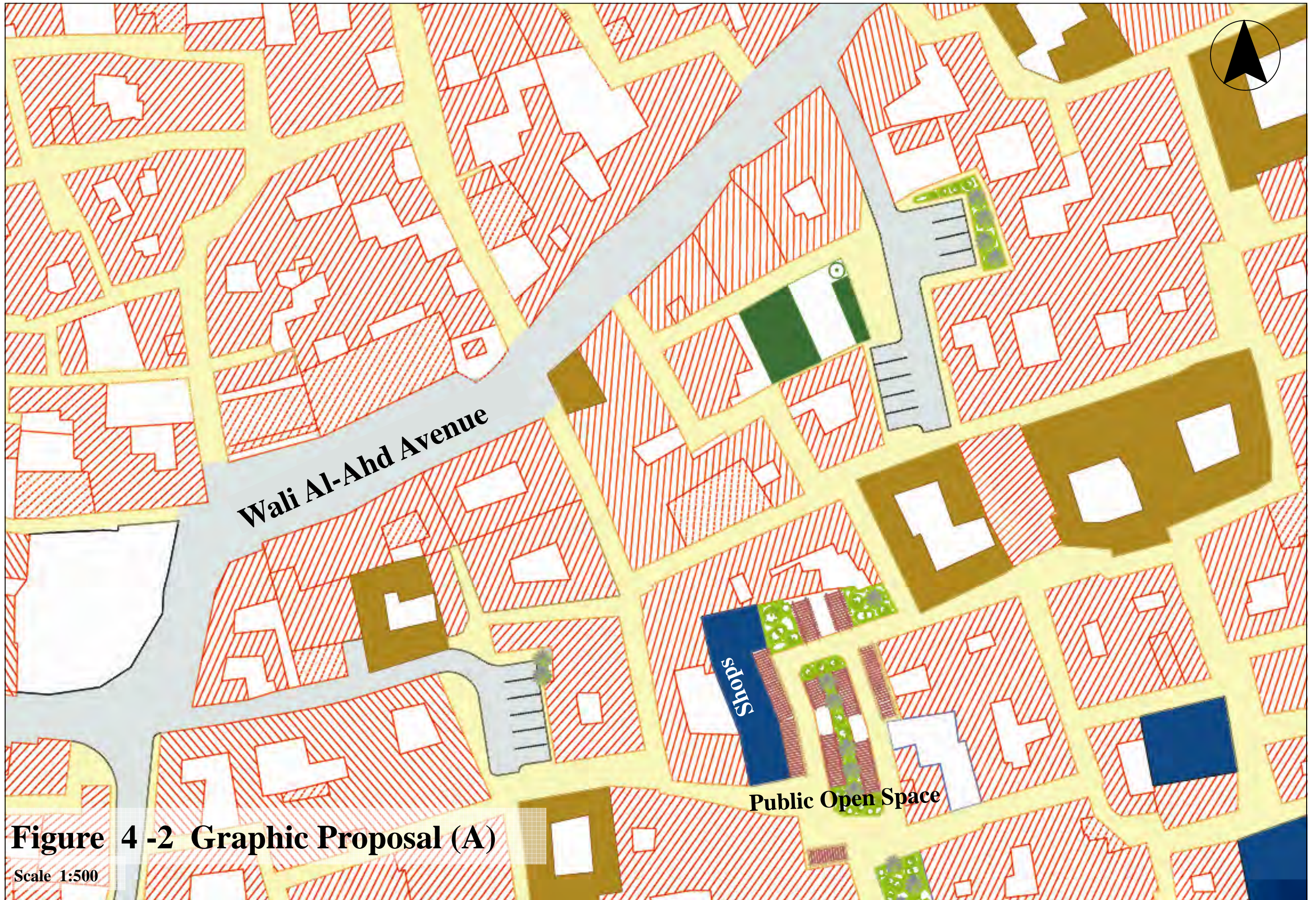


## URBAN DESIGN PROJECTS FOR TRADITIONAL AREAS

( MUHARRAQ Block 209 )

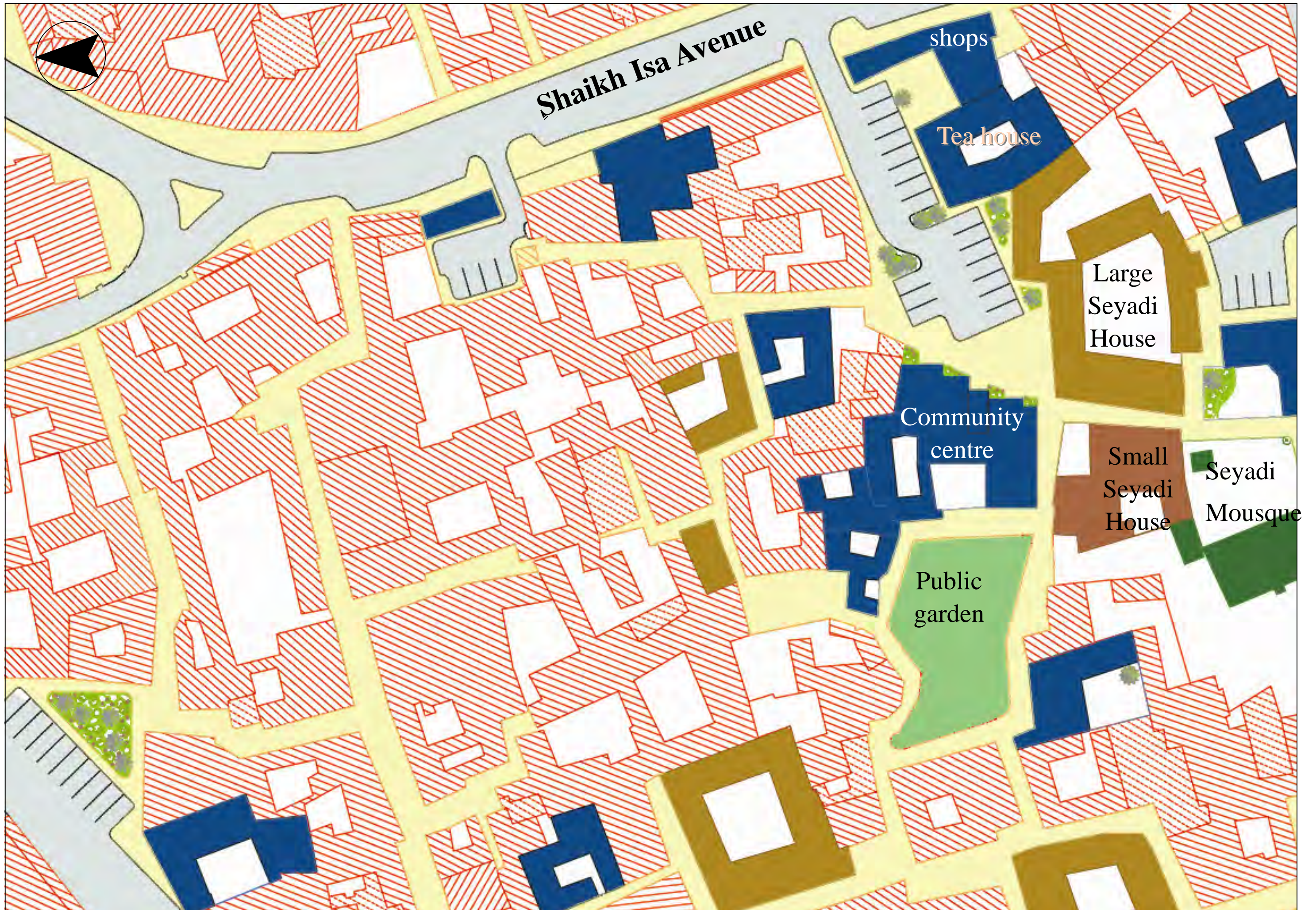
Fig:4-1 Planing Proposals

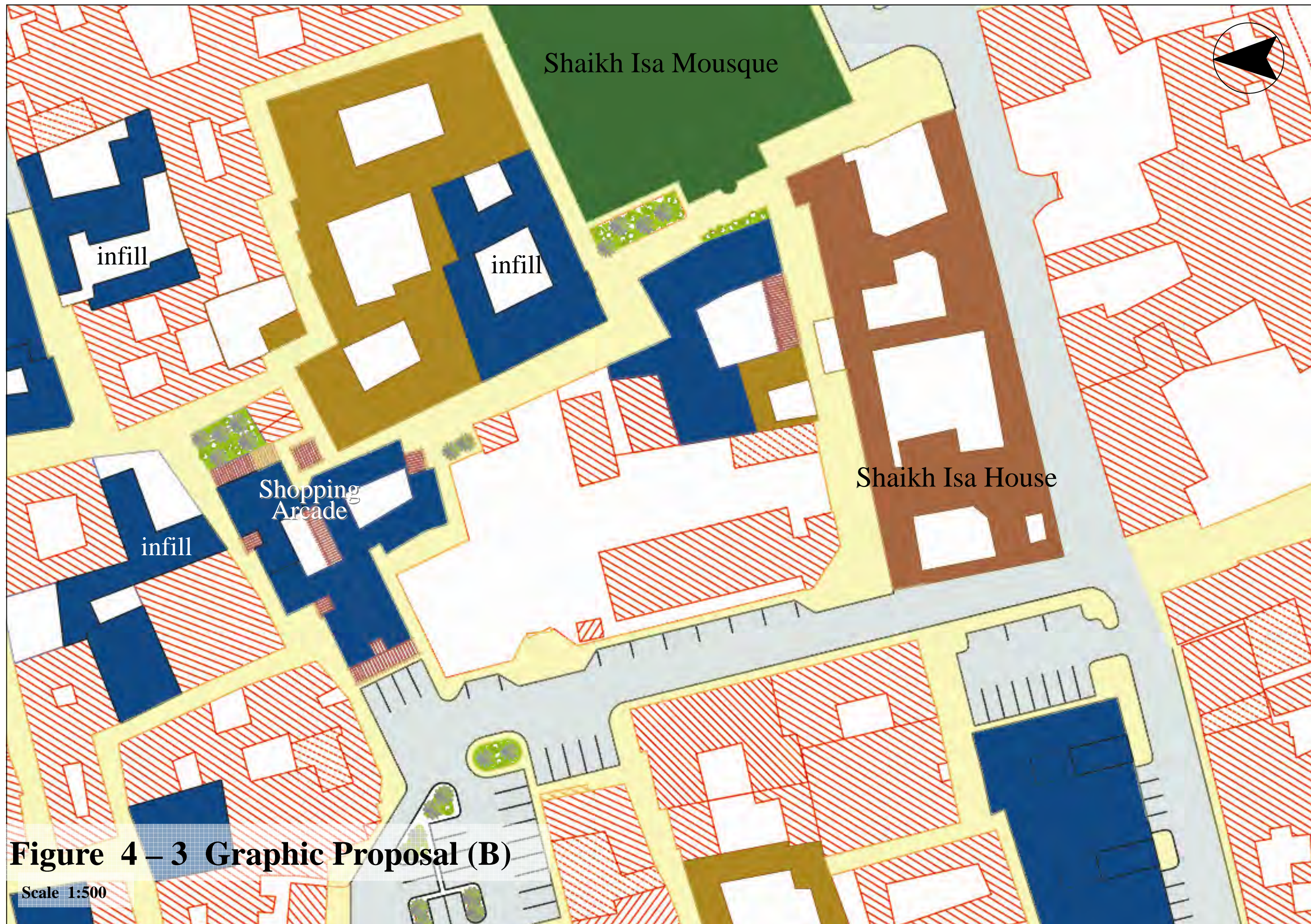
- Existing Traditional House
- Existing Cultural Building
- Existing Mosque
- Proposed New Building



**Figure 4 -2 Graphic Proposal (A)**

Scale 1:500

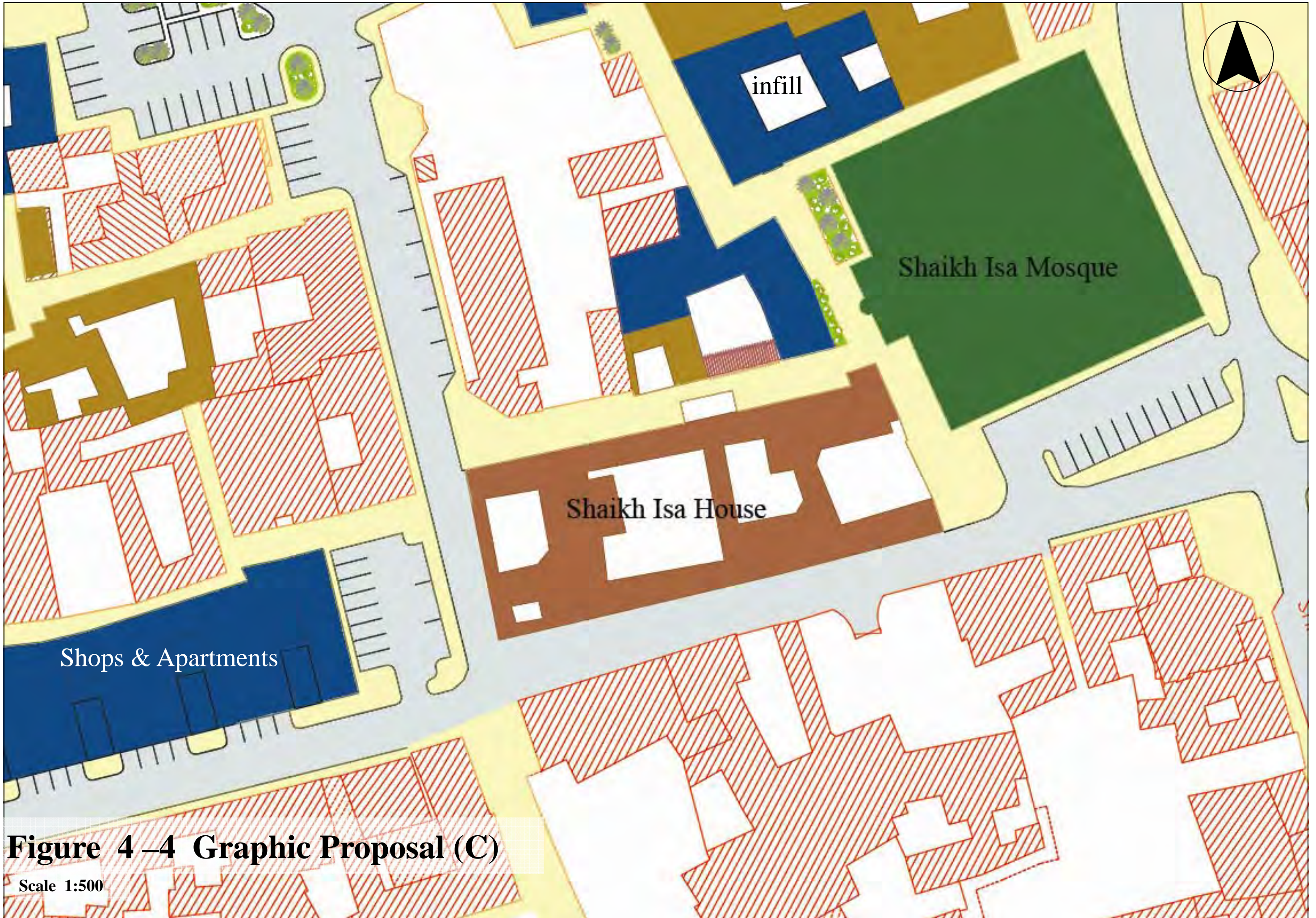




**Figure 4 – 3 Graphic Proposal (B)**

Scale 1:500





**Figure 4 –4 Graphic Proposal (C)**

Scale 1:500

**URBAN DESIGN  
PROJECTS FOR  
TRADITIONAL AREAS**

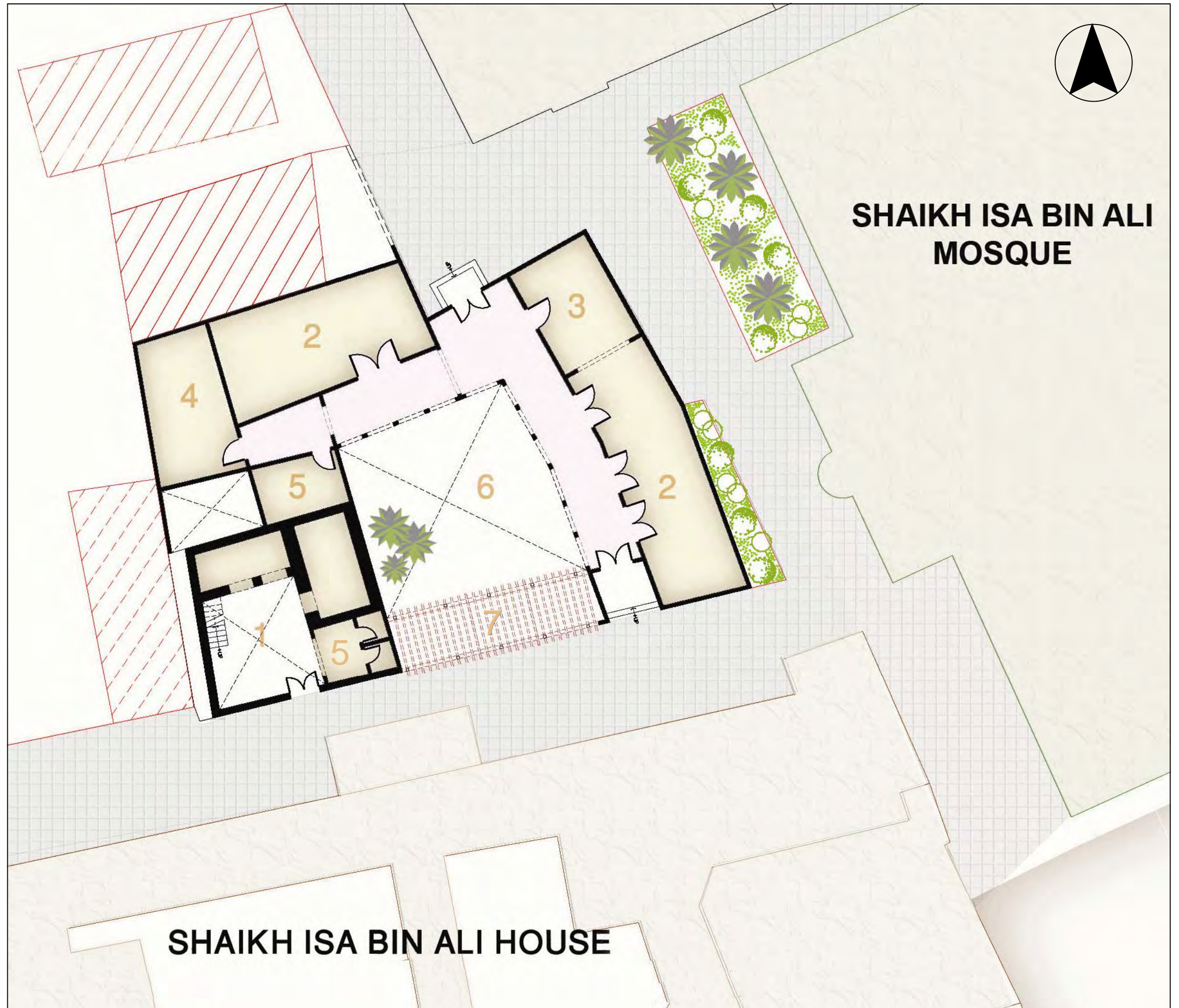
( MUHARRAQ Block 209 )

**Figure 4-5: Cafeteria**

The cafeteria is situated across the pedestrian path from Sheikh Isa House. It incorporates the existing 19th century annex of the house. The plot is government-owned. The area of the building is 724 m<sup>2</sup>. The sitting places overlook the building and its annex through the courtyard

- 1- Annex of Sheikh Isa House.
- 2- Sitting space.
- 3- Kitchen.
- 4- Administration.
- 5- Toilets
- 6- Courtyard
- 7- Pergola

SCALE 1:200





**EAST ELEVATION**

**URBAN DESIGN  
PROJECTS FOR  
TRADITIONAL AREAS**

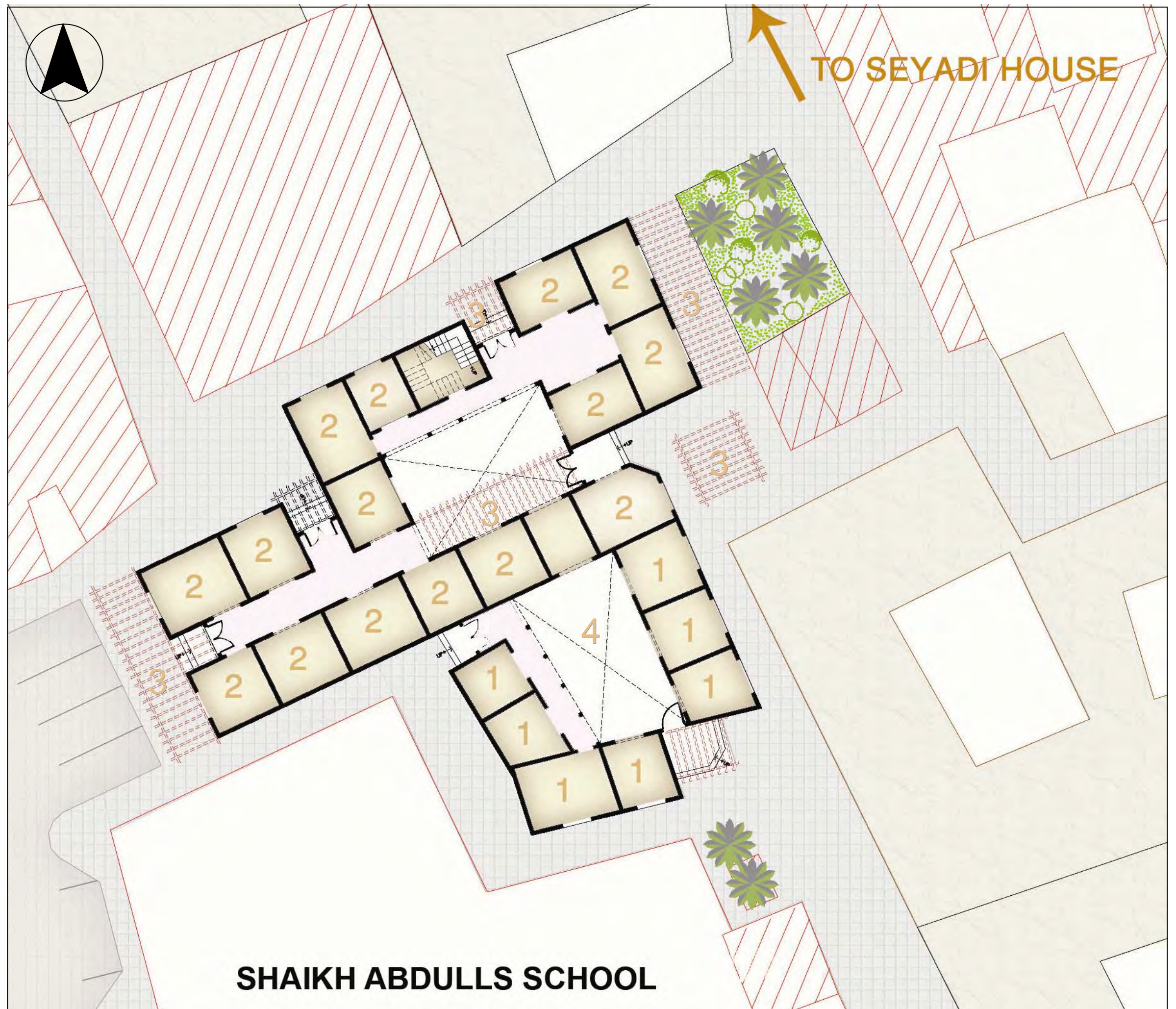
( MUHARRAQ Block 209 )

**Figure 4-6: Shopping Arcade**

The arcade occupies two vacant sites and a government-owned parcel. The area of the arcade is 590 m<sup>2</sup>. The north-eastern part is two-storey. There are 14 shops approached from the west into a central corridor and from the east into a pergola, South of the shops is a crafts centre with room for seven craftsmen, overlooking a courtyard.

- 1- Crafts room
- 2- Shop
- 3- Pergola
- 4- Courtyard

SCALE 1:200





**EAST ELEVATION**

URBAN DESIGN  
PROJECTS FOR  
TRADITIONAL AREAS

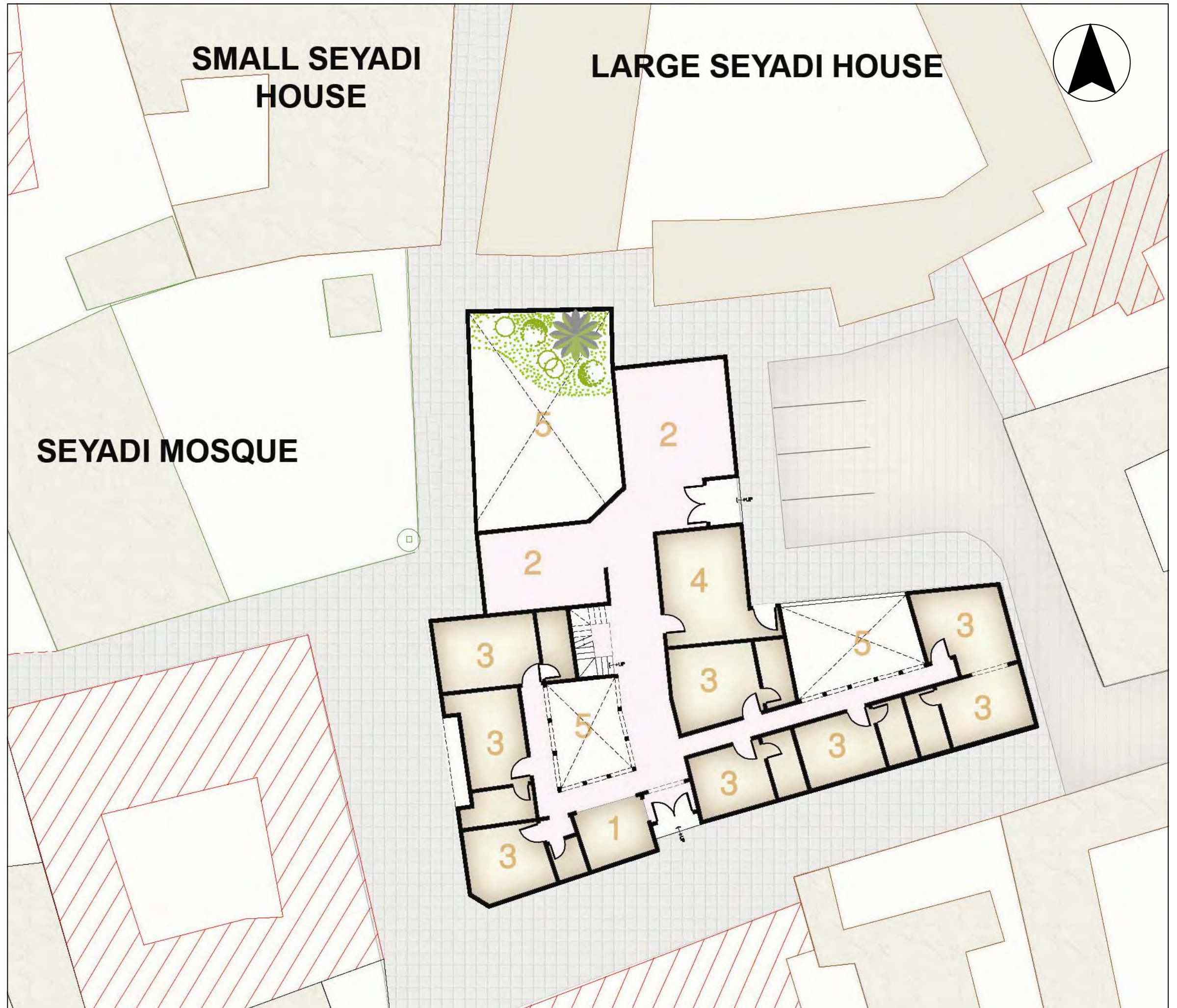
( MUHARRAQ Block 209 )

Figure 4-7: Inn

The inn is in a prime location overlooking the architecturally important Small Seyadi House and the charming Seyadi Mosque. The site covers three vacant plots plus a government-owned piece giving a total area of 790 m<sup>2</sup>. There are two internal courtyards. To its north is a green open area, to its east is a car park for 4 vehicles.

- 1- Reception
- 2- Lounge
- 3- Room
- 4- Kitchen
- 5- Courtyard

SCALE 1:200





**WEST ELEVATION**

**URBAN DESIGN  
PROJECTS FOR  
TRADITIONAL AREAS**

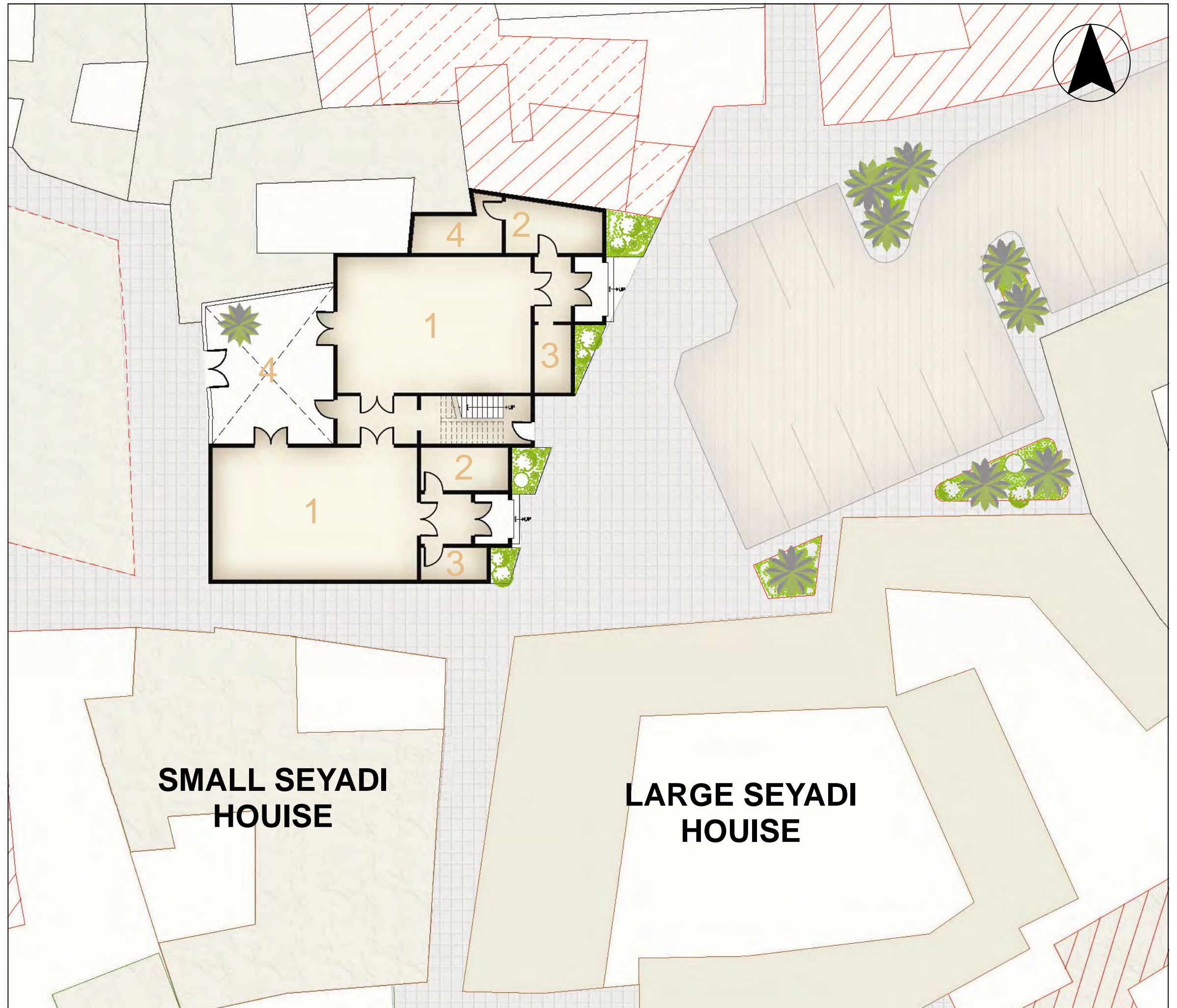
( MUHARRAQ Block 209 )

**Figure 4-8: Community Centre**

The community centre is located north of the Small Seyadi house on a site of four ruined houses. The ground coverage is 350 m<sup>2</sup>. It consists of two large halls, one for women, the other for men. The building faces on the east a car park approached from Sheikh Isa Avenue. On its west is a garden 500 m<sup>2</sup> in area.

- 1- Hall
- 2- Kitchen
- 3- Toilets
- 4- Store
- 5- Courtyard.

SCALE 1:200





**EAST ELEVATION**

**URBAN DESIGN  
PROJECTS FOR  
TRADITIONAL AREAS**

( MUHARRAQ Block 209 )

**Figure 4-9: Apartments**

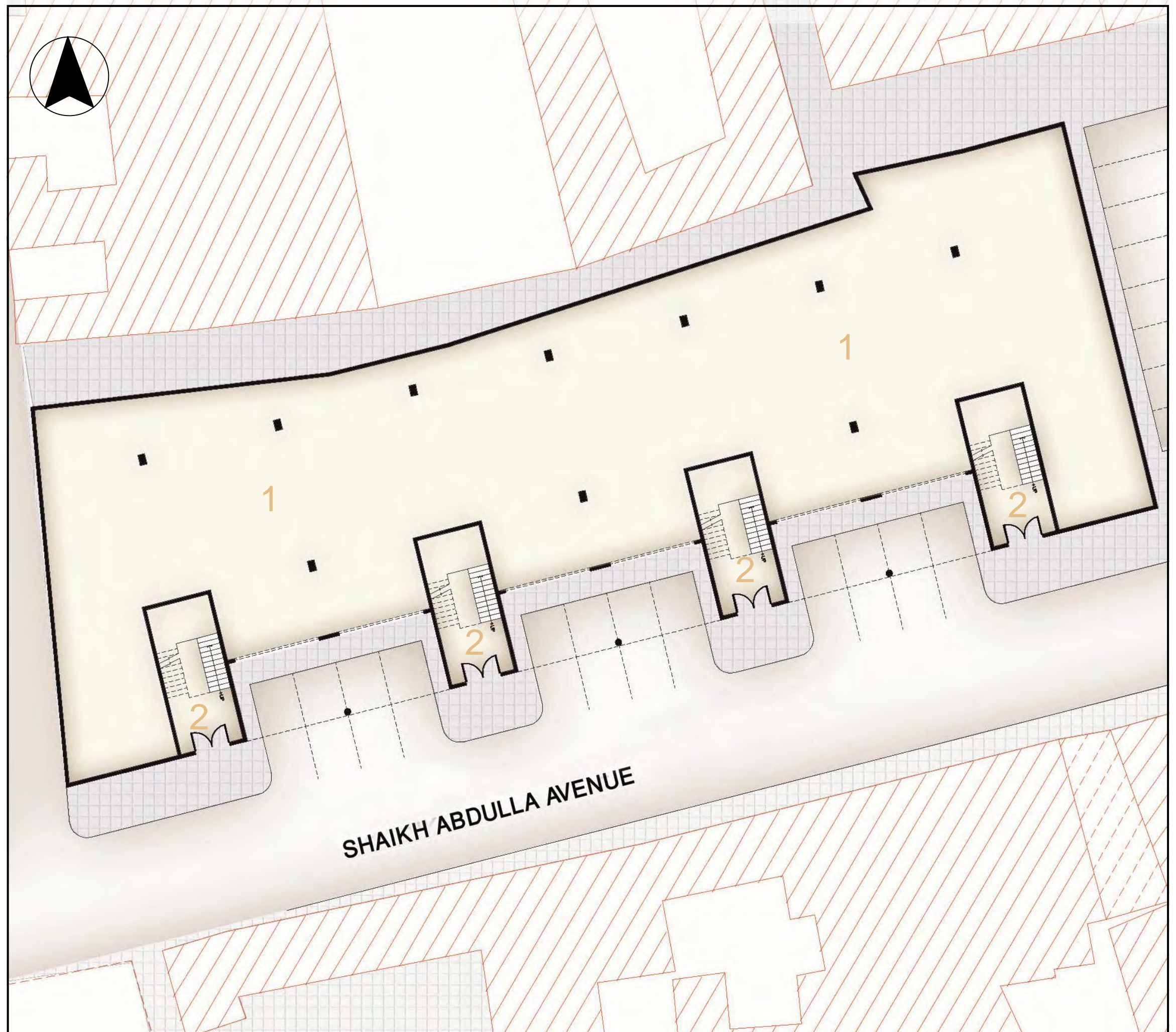
Two-storey buildings overlooking Sheikh Abdullah Avenue are designed to have shops on the ground floor and apartments above. The larger plot, with an area of 1860 m<sup>2</sup> provides 1200 m<sup>2</sup> of shops and eight apartments above. Shops have their own road-side parking and there are 11 car parks for the owners of the apartments and their visitors.

The shops of the smaller plot are 270m<sup>2</sup> in area on the ground floor and there are six apartments above. Here too road-side parking is provided for the shops and there are 5 car spaces for the apartments.

1- Shops

2- Entrance hall to apartments

SCALE 1:200





**EXISTING SITUATION**



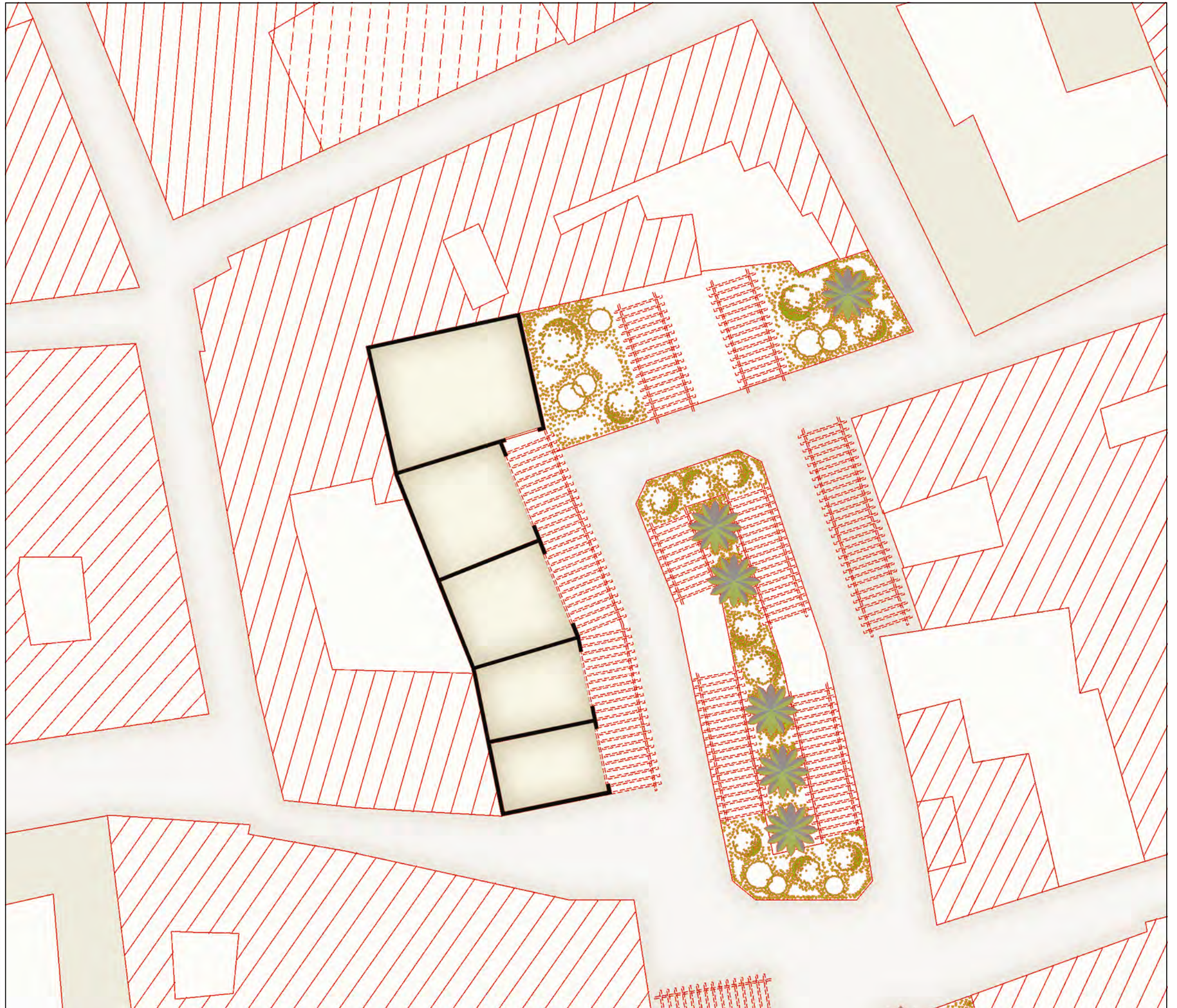
**SOUTH ELEVATION**

**URBAN DESIGN  
PROJECTS FOR  
TRADITIONAL AREAS**

( MUHARRAQ Block 209 )

**Fig:4-1 Planing Proposals**

-  Existing Traditional House
-  Existing Cultural Building
-  Existing Mosque
-  Proposed New Building



## MAINTENANCE

The traditional structures of Al-Muharraq Old Town were built of rock-coral brought from the sea bed. Walls were made of undressed pieces laid in lime or occasionally mud mortar. This material is strong and stable if regularly maintained. One of its structural advantages is that settlement is negligible, even over long periods. This is due to the interlocking quality of coral rubble. However, it can lose strength rapidly if it is exposed to contrasting effects of the hot sun by day and damp, cold sea-air at night. It is therefore essential to encase the walls in plaster. External wall surfaces are traditionally finished smooth with lime plaster. This finish provides good protection to the basic wall structure, because water sheds quickly from its surface and is not absorbed into the wall.

Roofs are finished with smooth lime plaster or mud sloped to outlets discharging away from the wall through wooden spouts.

### Natural Threats

The two natural threats to stone buildings are deterioration of the external finish and penetration of water into roofs or walls.

Surface deterioration is a result of rain, wind, malfunctioning water spouts and weak plaster. The latter is often caused by lime or sand with a high salt content which reduces the strength of the plaster, or by sand with loam in it. Crystallization of lime requires a hard substance around which the lime can set. Dirt and dust weaken the lime by separating it from the sand so that the plaster (or mortar) only dries and does not set.

Water which seeps down through walls carries particles of mortar along with it, leaving cavities inside. This is particularly true of walls laid in mud mortar. As the water travels downwards it is gradually forced to the exterior surface by higher air pressure inside the building. This causes the plaster as well as mortar to separate from the coral base, leaving the skeleton of the wall vulnerable to wind and rain erosion. Gradually the stones begin to fall away, followed by the complete or partial collapse of the wall. (Figure 5-1)



Figure 5-1

Water which collects on the roof because of improper slopes or blocked drains presents a more serious problem. If unchecked it seeps through the roofing, attacks the beams causing wet rot, decay and collapse of a part of the roof follows. (Figure 5-2)



Figure 5-2

### Repair of Plaster Finishes

Patches of damaged or weak plaster should in all cases be cut out clean, preferably to a rectangular surface, and should be cut back to the coral base. The exposed base should be well brushed to remove dust and loose material. The surface should then be rinsed once with water without soaking. If the mortar of the coral base is badly deteriorated it should be replaced with lime mortar

only. Portland cement mortars are not compatible with coral construction because of their low plasticity and different strength characteristics. Also the cement causes the lime to disintegrate because it attacks the small amount of gypsum content until it dissipates.

The application of new plaster should be in three coats:

### Scratch Coat

The stuff should be applied with sufficient force and quantity to form full keys for bond. This coat should be cross-scratched as soon as it has attained its initial set, and the next coat should be applied as soon as practicable.

### Middle Coat

This coat should also be scratched for bond with the finishing coat, and should be allowed to set hard. It should be kept moist until the finishing coat is applied.

### Finishing Coat

The finishing coat should be brought to a true surface even with the old plaster surface surrounding it. The plaster should be kept moist for at least three days and protected against rapid drying until cured.

The strength and porosity of the new lime plasterwork should be equal to that of the old work where the latter is in sound and good condition. The finished appearance of the new work should match as closely as possible the appearance of the old work.

### Repair of Cracks in Plaster Finishes

When repairing cracked plaster the area should be tested for hollowness by observing the sound on tapping. All hollow areas should be cut out. Where no hollowness can be detected the material on either side of the cracks should be cut out to a total width of not less than eight centimeters. The surface should be brushed and rinsed once with clean water to remove any dust or loose material; the area cut out should then be repaired as described above.

### Lime Whitewash

Weathering of walls can be slowed appreciably by the regular application of lime whitewash on smooth rendering. It should be applied with a long hair natural fibre brush no sooner than seven days after repairs have been completed. Annual application is recommended for exterior surfaces, and preferably prior to the rainy season.

## Roof Repair

Prior to repairing a roof, all roof slopes, drains and outlets should be tested to ensure that they are functioning properly. Upon completion of the work, the roof should be swept clean and all drains cleaned of debris and weed growth.

## Cleaning Stained Decorative Plasterwork

1. If the plaster surfaces appear in sound condition and not likely to flake off or collapse, a mild solution of household detergent mixed with clean water may be used to remove surface dirt. Sometimes a few drops of ammonia may be added. Great care should be taken not to soak the surface. The process may be repeated if necessary but the plaster must be allowed to dry completely between applications.
2. For more resistant stains and for the removal of fungus growth, a solution of one cup of chlorine bleach or laundry bleach mixed with a gallon of clean potable water and some household detergent may be applied with a soft bristle brush.
3. Under no circumstances should acid solutions be applied to plasterwork, because they affect the lime chemically. The rule of thumb when dealing with decorative plasterwork is always to intervene least; often satisfactory results can be achieved by the use of a damp cloth and a critical eye.



## ILLUSTRATIONS

- 1-1 Growth of Al-Muharraq Old Town
- 1-2 Diagram of Causal Relationships Showing Development of Al-Muharraq Old Town
- 1-3 Towns in the Western Indian Ocean Region
- 1-4 Covered Streets
- 2-1 Building Heights
- 2-2 Sheikh Isa Bin Ali Mosque
- 2-3 Physical Condition of Buildings
- 2-4 Sheikh Isa House and Surrounding Buildings
- 2-5 Land Use
- 2-6 Open Area Facing Seyadi Mosque
- 2-7 Part Plan of Block 209 Showing Results of Subdivision
- 2-8 Occupancy Patterns
- 2-9 Proposed Remedial Measure
- 2-10 Plan of Traditional House
- 2-11 Interior of Traditional House
- 2-12 Traditional Wall Construction
- 2-13 Traditional Construction of Floors and Roofs
- 2-14 Streetscape
- 3-1 Buildings Surveyed
- 3-2 House no. 193 on Street no. 913
- 3-3 House no. 168 on Street no.913
- 3-4 House no. 174 on Street no. 913
- 3-5 House no. 254 on Street no. 917
- 3-6 & 3-7 Interior of Abdullah Al-Zayed House
- 3-8 Small Seyadi House– Plan and Section

3-9 House No. 763 on Street no. 936

3-10 Seyadi Mosque

4-1 Proposed Planning Projects

4-2 Graphic Proposal A

4-3 Graphic Proposal B

4-4 Graphic Proposal C

4-5 Cafeteria

4-6 Shopping Complex

4-7 Inn

4-8 Community Centre

4-9 Apartments

4-10 Neighbourhood Shops

5-1 Erosion of Coral Wall

5-2 Collapsed Roof

Credits for Illustrations: Figure 1-1 and Figure 3-8: Yarwood 1998;

Figure 1-4: Ghaidan, Figure 2-4: Kazerooni, Figure 2-10: Tariq Wali

## STUDY GROUP

<b>Usam Ghaidan</b>	Senior Urban Designer,
<b>Dr. Salim A. Elwazani</b>	Architectural Photogrammetry,
<b>Dr. Jose Luis Lerma Garcia</b>	Cartographic Engineering, Geodesy and Photogrammetry
<b>Ehsan Abdul-Qudoos</b>	Senior Architect
<b>Bushra al-Sayyed Hussein</b>	Architect
<b>Mohammed Jawad Makki</b>	Architect
<b>Qamar Muhammed Ayoub</b>	Surveyor
<b>Fatima Yousif Ahmed</b>	Information Specialist

## REFERENCES

Australia ICOMOS, Revised Burra Charter, 1999

Ghaidan, Usam, Lamu, a Study in Conservation, Nairobi, 1976

Greenlaw, Jean-Pierre, The Coral Buildings of Souakin, London & Boston, 1976

Farry Kazerooni, Gulf Islamic Architecture, Bahrain.

John Yarwood, Al-Muharraq, Architecture of a traditional Arabian Town in Bahrain, Arts of the Islamic World, 1998

إدارة التخطيط الطبيعي-دائرة التخطيط الحضري-وزارة الإسكان-البحرين-الملاح  
المعمارية للمدن التقليدية في البحرين

محمد ابن الشيخ خليفة ابن حمد ابن موسى النبھاني الطائي- التحفة النبھانية في تاريخ  
الجزيرة العربية- بيروت-1999

محمد علي عبد الله- الزخرفة الجبسية في الخليج - الدوحة-1984

طارق والي- المحرق 1783-1971- عمران مدينة خليجية-البحرين-1990

## ACKNOWLEDGEMENTS

I would like to express my sincere gratitude to the honorable Minister **H.E Ali bin Saleh Al Saleh**, the Undersecretary **Dr. Jumma Al-Khaabi** and the Assistant Undersecretary **Mr. Mohammed Noor Al-Sheik** for giving me the opportunity to direct this project :

### **Capacity Building for Enhancement of Urban Governance: Urban Design Projects for Traditional Areas in Bahrain.**

Furthermore, for their continuous support and guidance in achieving successful completion of this project.

My gratitude is also extended to all the staff at United Nations Development Program in Bahrain, particularly **Mr. Ali Salman**, Program Analyst. I also wish to express my thanks to the consultants, who came all the way to Bahrain to participate in the project and played a vital role in bringing this project to its successful outcome. In conclusion, I owe special thanks to my staff at the Research and Studies Section, who helped and supported me to undertake this project with indefatigable team spirit. They are too many to be acknowledged individually here.

**Falah Al-Kubaisy Ph.D.**  
**Project Director**  
**R& D Advisor MoMAA**

## APPENDIX A: DEFINITIONS

The definitions given here are taken from the Burra Charter.Conservation

Conservation means all the process of looking after a place so as to retain its cultural significance.

### Maintenance

Maintenance means the continuous protective care of the fabric and setting of a place and is to be distinguished from repair. Repair involves restoration or reconstruction.

### Preservation

Preservation means maintaining the fabric of a place in its existing state and retarding deterioration.

### Restoration

Restoration means returning the existing fabric of a place to a known earlier state by removing accretions or by reassembling existing components without the introduction of new material.

### Reconstruction

Reconstruction means returning a place to a known earlier state and is distinguished from restoration by the introduction of new material into the fabric.

New material may include recycled material salvaged from other places. This should not be to the detriment of any place of cultural significance.

### Adaptation

Adaptation means modifying a place to suit the existing use or a proposed use.

### Use

Use means the functions of a place, as well as the activities and practices that may occur at the place.

### Comparable use

Compatible use means a use which respects the cultural significance of the place. Such a use involves no, or minimal, impact on cultural significance.

## APPENDIX B: INVENTORY

Two inventory forms were prepared, one to survey traditional houses, the other to survey mosques. The forms are geared to the individual characteristics of each of these two groups. The questions included in the forms are of an objective nature, each having a choice of answers. They are designed to achieve the following:

1. Minimize subjective responses.
2. Reduce the amount of on-site writing required for each form.
3. Allow a non specialist, after an initial familiarization period, to record with reasonable accuracy the basic spatial organization and important architectural features of each building.
4. Provide a format which could be adapted to computerized analysis

Twenty-nine traditional houses and six mosques were surveyed. They are included in this appendix.

The survey should be continued by trained teams of recorders to cover most if not all the building stock in the old town of Al-Muharraq. It was not possible to gain access into some of the buildings and this is the reason why a number of the survey forms are incomplete. They are to be completed during the next round.



Capacity-Building for Enhancement Of Urban Governance: Stage 2



## URBAN DESIGN PROJECTS FOR TRADITIONAL AREAS IN BAHRAIN

جرد المباني التراثية في البحرين ( المحرق مجمع 209 )

INVENTORY OF HERITAGE BUILDINGS IN BAHRAIN  
( MUHARRAQ block 209 )

Capacity-Building for Enhancement Of Urban Governance: Stage 2  
URBAN DESIGN PROJECTS FOR TRADITIONAL AREAS IN BAHRAIN  
جرد المباني التراثية في البحرين ( المحرق مجمع 209 )  
INVENTORY OF HERITAGE BUILDINGS IN BAHRAIN ( MUHARRAQ block 209 )

رقم المبنى  
Building number

تاريخ البناء  
Date of building








حقيقي  
Factual

تقريبي  
Estimated








إسم المسجل  
Name of recorder

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	<b>01</b>








**Parapets ( Select type used )** ستارة السطح ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>






**Incised niches ( type used )** الكوى المزخرفة ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Plain Niches ( type used )** الكوى الغير مزخرفة ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Main entrance door ( design most similar )** الباب الخارجي ( الشكل المشابه لباب المبنى )

				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Threats to building** المخاطر التي تواجه البناء

Horizontal شروخ أفقية <input type="checkbox"/>	Rising damp رطوبة صاعدة <input type="checkbox"/>
Vertical شروخ عمودية <input checked="" type="checkbox"/>	Leaking roof رطوبة متسربة من السطح <input type="checkbox"/>
Diagonal شروخ مائلة <input type="checkbox"/>	Damp through walls رطوبة متسربة عبر الجدار <input checked="" type="checkbox"/>
Fungus فطريات <input type="checkbox"/>	Termites أرضه <input type="checkbox"/>
Others أخرى <input type="checkbox"/>	Vegetation نباتات <input type="checkbox"/>

**Documentation** الوثائق المتوفرة

مستندات أخرى Other records <input type="checkbox"/>	منشورات Publications <input type="checkbox"/>	صور قديمة Old photographs <input type="checkbox"/>	خرائط Drawings <input type="checkbox"/>
--	--	---	--

**Notes & comments** ملاحظات و تعليقات

Single-story house. It has one square courtyard entered from a covered lobby. The physical state is acceptable. The panelled walls show signs of moisture attack and there are vertical cracks possibly due to thermal movement. There are wind catchers in the parapet wall.



References

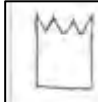




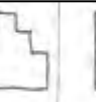

المصادر

Capacity-Building for Enhancement Of Urban Governance: Stage 2  
URBAN DESIGN PROJECTS FOR TRADITIONAL AREAS IN BAHRAIN  
جدد المباني التراثية في البحرين ( المحرق مجمع 209 )  
INVENTORY OF HERITAGE BUILDINGS IN BAHRAIN ( MUHARRAQ block 209 )







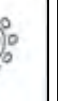
إسم المسجل  
Name of recorder

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	<b>02</b>

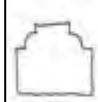






**Parapets ( Select type used )** ستارة السطح ( الطراز المستعمل )

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

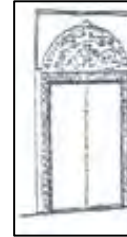
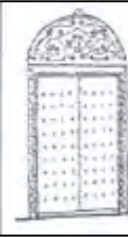



**Incised niches ( type used )** الكوى المزخرفة ( الطراز المستعمل )

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Plain Niches ( type used )** الكوى الغير مزخرفة ( الطراز المستعمل )

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Main entrance door ( design most similar )** الباب الخارجي ( الشكل المشابه لباي المبنى )

				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Threats to building** المخاطر التي تواجه البناء

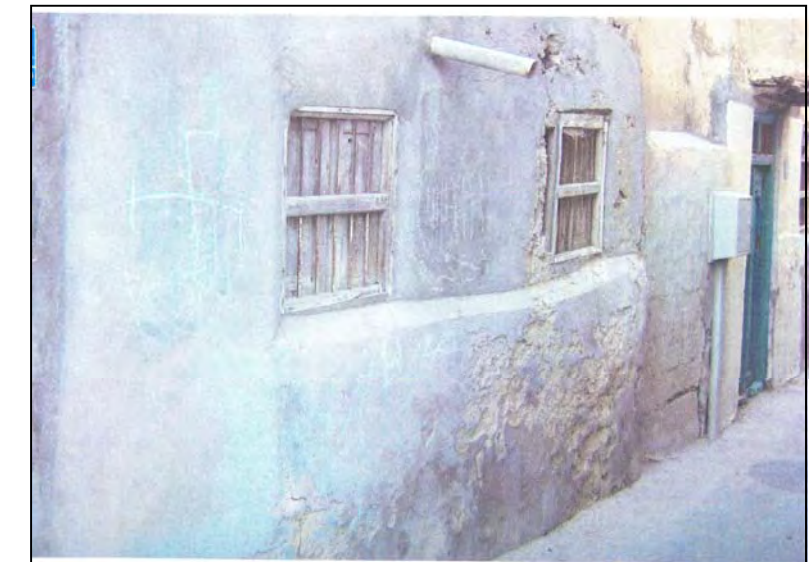
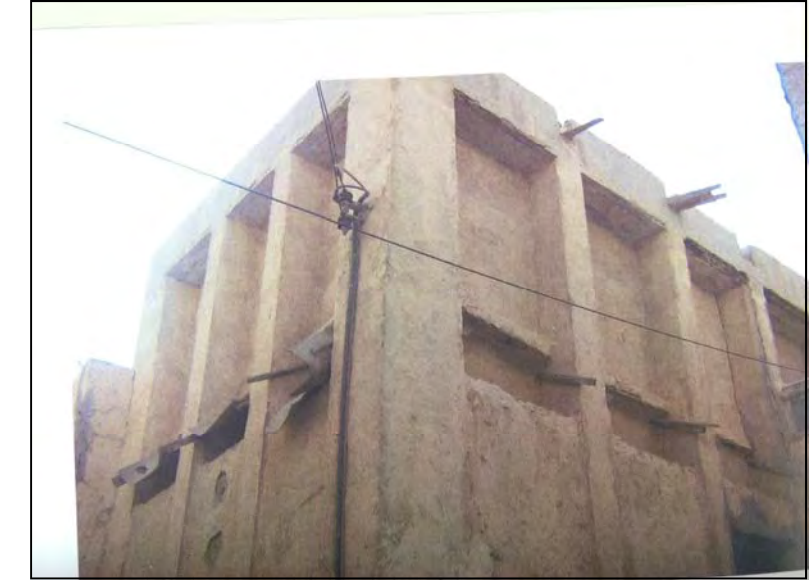
Horizontal شروخ أفقية	<input checked="" type="checkbox"/>	Rising damp رطوبة صاعدة	<input type="checkbox"/>
Vertical شروخ عمودية	<input checked="" type="checkbox"/>	Leaking roof رطوبة متسربة من السطح	<input type="checkbox"/>
Diagonal شروخ مائلة	<input checked="" type="checkbox"/>	Damp through walls رطوبة متسربة عبر الجدار	<input checked="" type="checkbox"/>
Fungus فطريات	<input type="checkbox"/>	Termites أراضه	<input checked="" type="checkbox"/>
Others أخرى	<input type="checkbox"/>	Vegetation نباتات	<input type="checkbox"/>

**Documentation** الوثائق المتوفرة

مستندات أخرى Other records	منشورات Publications	صور قديمة Old photographs	خرائط Drawings
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Notes & comments** ملاحظات و تعليقات

Two-story small unoccupied house, in poor physical state due to negligence, termite attack an rising damp which has ruined the coating of the external walls. There are horizontal, vertical and diagonal cracks. Projecting bathroom on first floor has freestanding soil pipe. The lower part of the external walls is thicker than the upper parts.



**References** المصادر

**Capacity-Building for Enhancement Of Urban Governance: Stage 2**  
**URBAN DESIGN PROJECTS FOR TRADITIONAL AREAS IN BAHRAIN**  
**جرد المباني التراثية في البحرين ( المحرق مجمع 209 )**  
**INVENTORY OF HERITAGE BUILDINGS IN BAHRAIN ( MUHARRAQ block 209 )**

<b>Building Identity</b>										<b>هوية المبنى</b>																					
الفريج Neighbourhood	الشارع Street	رقم المبنى Building number	إسم المبنى الأصلي Original name of building	إسم المبنى الحالي Present name of building	إسم المالك Owner's name	إسم الساكن Occupant's name	تاريخ البناء Date of building	حقيقي Factual	تقريبي Estimated	إسم المسجل Name of recorder																					
AL KHARU	905	72								QAMAR																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">                 Poor رديئة <input checked="" type="checkbox"/> Fair متوسطة <input type="checkbox"/> Good جيدة <input type="checkbox"/>                  Ruin خربة <input type="checkbox"/> Partially ruined مهتمة جزئيا <input type="checkbox"/> </td> <td colspan="2"></td> </tr> <tr> <td colspan="3"> <b>Historical significance</b> الأهمية التاريخية                  على الصعيد العالمي <input type="checkbox"/> International                  على الصعيد القطري <input type="checkbox"/> National                  على الصعيد المحلي <input checked="" type="checkbox"/> Local                  Specify اشرح             </td> </tr> <tr> <td colspan="3"> <b>Ownership</b> الملكية                  وقف <input type="checkbox"/> Waqf                  ملك خاص <input type="checkbox"/> Private                  عامة <input type="checkbox"/> Public             </td> </tr> <tr> <td colspan="2"> <b>Secondary use</b> الإستعمال الثانوي  <input type="text"/> </td> <td> <b>Primary use</b> الإستعمال الأساسي                  Residence             </td> </tr> <tr> <td colspan="2"> <b>Name of builder</b> إسم البناء  <input type="text"/> </td> <td> <b>Name of Designer</b> إسم المصمم  <input type="text"/> </td> </tr> <tr> <td colspan="3"> <b>Conservation work</b> أعمال الترميم                  In progress جارية <input type="checkbox"/> Complete تمت <input type="checkbox"/> Minor طفيفة <input type="checkbox"/>                  None لا يوجد <input checked="" type="checkbox"/> Proposed مزعة <input type="checkbox"/> Major أساسية <input type="checkbox"/> </td> </tr> <tr> <td colspan="3"> <b>Environment relationship</b> الموضع  <input type="checkbox"/> Isolated منعزل <input type="checkbox"/> Detached مستقل <input type="checkbox"/> Attached ملاصق             </td> </tr> </table>											Poor رديئة <input checked="" type="checkbox"/> Fair متوسطة <input type="checkbox"/> Good جيدة <input type="checkbox"/> Ruin خربة <input type="checkbox"/> Partially ruined مهتمة جزئيا <input type="checkbox"/>			<b>Historical significance</b> الأهمية التاريخية على الصعيد العالمي <input type="checkbox"/> International على الصعيد القطري <input type="checkbox"/> National على الصعيد المحلي <input checked="" type="checkbox"/> Local Specify اشرح			<b>Ownership</b> الملكية وقف <input type="checkbox"/> Waqf ملك خاص <input type="checkbox"/> Private عامة <input type="checkbox"/> Public			<b>Secondary use</b> الإستعمال الثانوي <input type="text"/>		<b>Primary use</b> الإستعمال الأساسي Residence	<b>Name of builder</b> إسم البناء <input type="text"/>		<b>Name of Designer</b> إسم المصمم <input type="text"/>	<b>Conservation work</b> أعمال الترميم In progress جارية <input type="checkbox"/> Complete تمت <input type="checkbox"/> Minor طفيفة <input type="checkbox"/> None لا يوجد <input checked="" type="checkbox"/> Proposed مزعة <input type="checkbox"/> Major أساسية <input type="checkbox"/>			<b>Environment relationship</b> الموضع <input type="checkbox"/> Isolated منعزل <input type="checkbox"/> Detached مستقل <input type="checkbox"/> Attached ملاصق		
Poor رديئة <input checked="" type="checkbox"/> Fair متوسطة <input type="checkbox"/> Good جيدة <input type="checkbox"/> Ruin خربة <input type="checkbox"/> Partially ruined مهتمة جزئيا <input type="checkbox"/>																															
<b>Historical significance</b> الأهمية التاريخية على الصعيد العالمي <input type="checkbox"/> International على الصعيد القطري <input type="checkbox"/> National على الصعيد المحلي <input checked="" type="checkbox"/> Local Specify اشرح																															
<b>Ownership</b> الملكية وقف <input type="checkbox"/> Waqf ملك خاص <input type="checkbox"/> Private عامة <input type="checkbox"/> Public																															
<b>Secondary use</b> الإستعمال الثانوي <input type="text"/>		<b>Primary use</b> الإستعمال الأساسي Residence																													
<b>Name of builder</b> إسم البناء <input type="text"/>		<b>Name of Designer</b> إسم المصمم <input type="text"/>																													
<b>Conservation work</b> أعمال الترميم In progress جارية <input type="checkbox"/> Complete تمت <input type="checkbox"/> Minor طفيفة <input type="checkbox"/> None لا يوجد <input checked="" type="checkbox"/> Proposed مزعة <input type="checkbox"/> Major أساسية <input type="checkbox"/>																															
<b>Environment relationship</b> الموضع <input type="checkbox"/> Isolated منعزل <input type="checkbox"/> Detached مستقل <input type="checkbox"/> Attached ملاصق																															

| |   |  | |---|--| | <b>No of entrances</b> عدد المداخل<br>Open مكشوف <input type="checkbox"/> Covered مسقف <input type="checkbox"/>   |  | | <b>No of courtyards</b> عدد الأحواش<br>Oblong مستطيل <input type="checkbox"/> Square مربع <input type="checkbox"/>  |  | | <b>No of liwans</b> عدد الليوانات<br>السطح <input type="checkbox"/> Roof<br>الطابق الأول <input type="checkbox"/> First floor<br>الطابق الأرضي <input type="checkbox"/> Ground floor              |  | | <b>No of staircases</b> عدد السلالم<br>داخلية <input type="checkbox"/> Internal<br>خارجية مكشوفة <input type="checkbox"/> External open<br>خارجية مسقفة <input type="checkbox"/> External covered |  | | <b>No of rooms</b> عدد الحجرات<br>Other حجرات غير سكنية<br>Ground floor الطابق الأرضي<br>First floor الطابق الأول<br>Roof السطح   |  | | | | | | | | | | | |

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	<b>03</b>

**Parapets ( Select type used )** (ستارة السطح ( الطراز المستعمل )

**Incised niches ( type used )** (الكوى المزخرفة ( الطراز المستعمل )

**Plain Niches ( type used )** (الكوى الغير مزخرفة ( الطراز المستعمل )

**الباب الخارجي ( الشكل المشابه لباب المبنى )**  
**Main entrance door ( design most similar )**

**Threats to building** (المخاطر التي تواجه البناء)

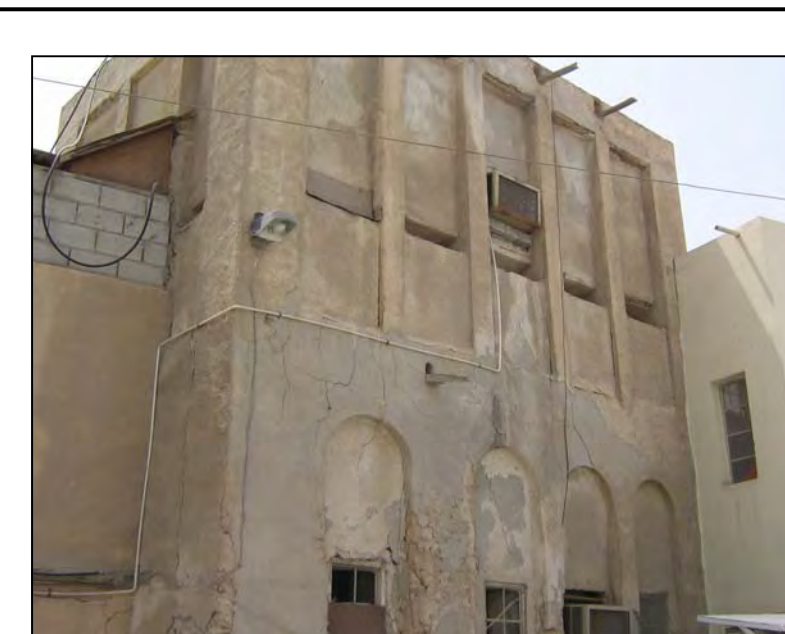
Horizontal	شروخ أفقية	<input checked="" type="checkbox"/>	Rising damp	رطوبة صاعدة	<input type="checkbox"/>
Vertical	شروخ عمودية	<input checked="" type="checkbox"/>	Leaking roof	رطوبة متسربة من السطح	<input type="checkbox"/>
Diagonal	شروخ مائلة	<input type="checkbox"/>	Damp through walls	رطوبة متسربة عبر الجدار	<input checked="" type="checkbox"/>
Fungus	فطريات	<input type="checkbox"/>	Termites	أرضه	<input type="checkbox"/>
Others	أخرى	<input type="checkbox"/>	Vegetation	نباتات	<input type="checkbox"/>

**Documentation** (الوثائق المتوفرة)

مستندات أخرى Other records	منشورات Publications	صور قديمة Old photographs	خرائط Drawings
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Notes & comments** (ملاحظات و تعليقات)

Small house. Part of it is two-story. It is in very poor condition. The north-east part of the façade ( the two-story section ) is well-proportioned. The single-story wall to the south has been raised using exposed concrete blocks. There are 5 wall wind-catchers in the parapet wall.



**References** (المصادر)

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	<b>04</b>



<b>Building Identity</b>			<b>هوية المبنى</b>							
الفريج Neighbourhood	الشارع Street	رقم المبنى Building number	إسم المبنى الأصلي Original name of building	إسم المبنى الحالي Present name of building	إسم المالك Owner's name	إسم الساكن Occupant's name	تاريخ البناء Date of building	حقيقي Factual	تقريبي Estimated	إسم المسجل Name of recorder
AL.SHAIKH	911	119								QAMAR

<b>Condition of Building</b>	<b>حالة المبنى</b>
Poor <input type="checkbox"/> رديئة <input type="checkbox"/> Ruin <input type="checkbox"/> خربة <input type="checkbox"/>	Fair <input checked="" type="checkbox"/> متوسطة <input checked="" type="checkbox"/> Partially ruined <input type="checkbox"/> جزئيا <input type="checkbox"/>
Good <input type="checkbox"/> جيدة <input type="checkbox"/>	

<b>Historical significance</b>	<b>الأهمية التاريخية</b>
على الصعيد العالمي <input type="checkbox"/> International	على الصعيد القطري <input type="checkbox"/> National
	على الصعيد المحلي <input checked="" type="checkbox"/> Local
	إشرح <input type="checkbox"/> Specify <input type="checkbox"/>

<b>Ownership</b>	<b>الملكية</b>
وقف <input type="checkbox"/> Waqf	ملك خاص <input checked="" type="checkbox"/> Private
	عامة <input type="checkbox"/> Public

<b>Secondary use</b>	<b>الإستعمال الثانوي</b>	<b>Primary use</b>	<b>الإستعمال الأساسي</b>
		Residence	

<b>Name of builder</b>	<b>إسم البناء</b>	<b>Name of Designer</b>	<b>اسم المصمم</b>

<b>Conservation work</b>	<b>أعمال الترميم</b>
In progress <input type="checkbox"/> جارية <input type="checkbox"/> Complete <input type="checkbox"/> تمت <input type="checkbox"/> Minor <input type="checkbox"/> طفيفة <input type="checkbox"/>	None <input checked="" type="checkbox"/> لا يوجد <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> مزمنة <input type="checkbox"/> Major <input type="checkbox"/> أساسية <input type="checkbox"/>

<b>Environment relationship</b>	<b>الموضع</b>
Isolated <input type="checkbox"/> منعزل <input type="checkbox"/> Detached <input type="checkbox"/> مستقل <input type="checkbox"/> Attached <input checked="" type="checkbox"/> ملاصق <input checked="" type="checkbox"/>	

<b>Building Description</b>	<b>وصف المبنى</b>
<b>No of floors</b>	<b>عدد الطوابق</b>
3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input checked="" type="checkbox"/>	

<b>No of entrances</b>	<b>عدد المداخل</b>
Open <input type="checkbox"/> مكشوف <input type="checkbox"/> Covered <input type="checkbox"/> مسقف <input type="checkbox"/>	

<b>No of courtyards</b>	<b>عدد الأحواش</b>
Oblong <input type="checkbox"/> مستطيل <input type="checkbox"/> Square <input type="checkbox"/> مربع <input type="checkbox"/>	

<b>No of liwans</b>	<b>عدد الليوانات</b>
السطح <input type="checkbox"/> Roof	الطابق الأول <input type="checkbox"/> First floor
	الطابق الأرضي <input type="checkbox"/> Ground floor

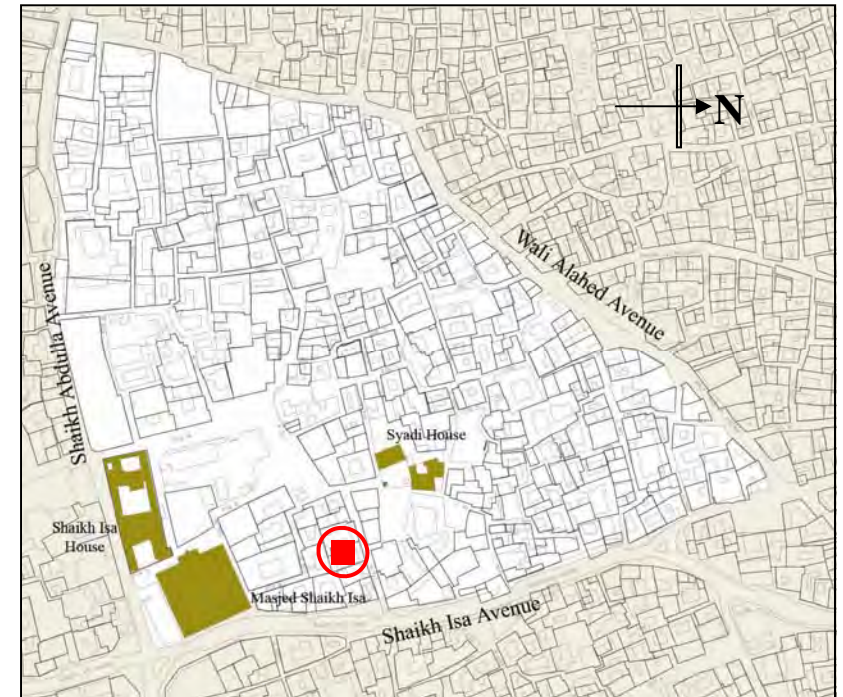
<b>No of staircases</b>	<b>عدد السلالم</b>
داخلية <input type="checkbox"/> Internal	خارجية مكشوفة <input type="checkbox"/> External open
	خارجية مسقفة <input type="checkbox"/> External covered

<b>No of rooms</b>	<b>عدد الحجرات</b>
Other <input type="checkbox"/> حجرات غير سكنية <input type="checkbox"/> Ground floor	Habitable rooms <input type="checkbox"/> حجرات سكنية <input type="checkbox"/> الطابق الأرضي <input type="checkbox"/>
First floor <input type="checkbox"/>	الطابق الأول <input type="checkbox"/>
Roof <input type="checkbox"/>	السطح <input type="checkbox"/>

<b>Window shutters</b>	<b>درفات النوافذ</b>
عدد الدرفات الخشبية <input type="checkbox"/> 3 outside <input type="checkbox"/> No. wooden shutter	عدد الدرفات الحديدية <input type="checkbox"/> No. iron shutters
	لا يوجد <input type="checkbox"/> None

<b>Stained glass fanlights</b>	<b>نوافذ ذات زجاج ملون</b>
Number <input type="checkbox"/> العدد <input type="checkbox"/> None <input type="checkbox"/>	لا يوجد <input type="checkbox"/> None

<b>Balcony railings</b>	<b>درابيزينات الشرفات</b>
عدد الدرابيزينات الحديدية <input type="checkbox"/> No. of iron railing	عدد الدرابيزينات الخشبية <input type="checkbox"/> No. of wooden railing
	لا يوجد <input type="checkbox"/> None



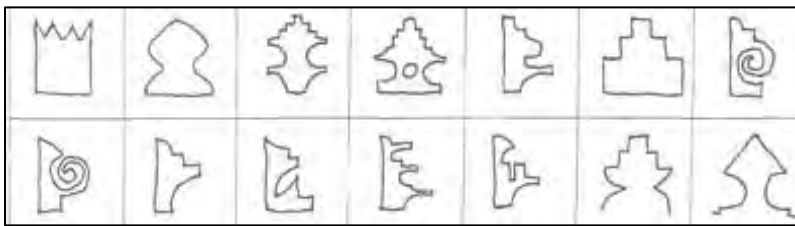
**Plan of Location** **مخطط الموقع**

<b>Decorative plaster panels</b>	<b>مسطحات جبسية مزخرفة</b>
عدد المسطحات المنحوتة <input type="checkbox"/> No. of carved panels	الطابق الأرضي <input type="checkbox"/> Ground floor
	الطابق الأول <input type="checkbox"/> First floor
	السطح <input type="checkbox"/> Roof
عدد المسطحات المخرمة <input type="checkbox"/> No. of perforated panels	الطابق الأرضي <input type="checkbox"/> Ground floor
	الطابق الأول <input type="checkbox"/> First floor
	السطح <input type="checkbox"/> Roof

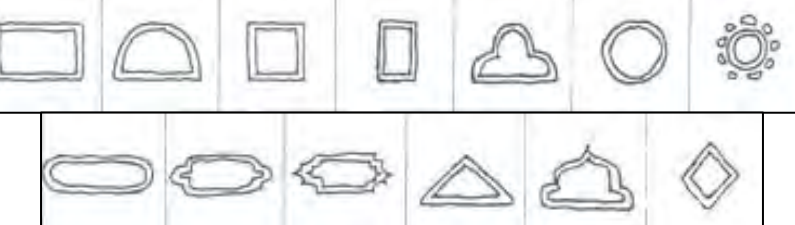
<b>Arches ( type used )</b>	<b>الطيطان ( الطراز المستعمل )</b>
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	<b>04</b>

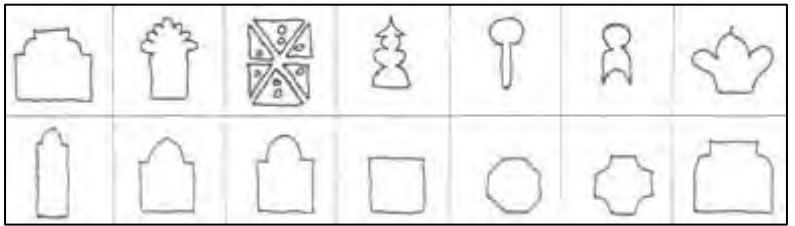
**Parapets ( Select type used )** ( ستارة السطح ( الطراز المستعمل )



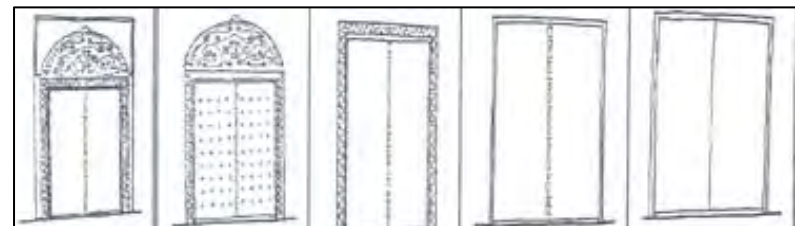
**Incised niches ( type used )** ( الكوى المزخرفة ( الطراز المستعمل )



**Plain Niches ( type used )** ( الكوى الغير مزخرفة ( الطراز المستعمل )



**الباب الخارجي ( الشكل المشابه لباب المبنى )**  
**Main entrance door ( design most similar )**



**Threats to building** ( المخاطر التي تواجه البناء )

Horizontal شروخ أفقية	<input type="checkbox"/>	Rising damp	<input type="checkbox"/>	رطوبة صاعدة	<input type="checkbox"/>
Vertical شروخ عمودية	<input type="checkbox"/>	Leaking roof	<input type="checkbox"/>	رطوبة متسربة من السطح	<input type="checkbox"/>
Diagonal شروخ مائلة	<input type="checkbox"/>	Damp through walls	<input type="checkbox"/>	رطوبة متسربة عبر الجدار	<input type="checkbox"/>
Fungus فطريات	<input type="checkbox"/>	Termites	<input type="checkbox"/>	أرضه	<input type="checkbox"/>
Others أخرى	<input type="checkbox"/>	Vegetation	<input type="checkbox"/>	نباتات	<input type="checkbox"/>

**Documentation** ( الوثائق المتوفرة )

مستندات أخرى Other records	منشورات Publications	صور قديمة Old photographs	خرائط Drawings
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Notes & comments** ( ملاحظات و تعليقات )

Single-story house in advanced state of disrepair. It is unoccupied. It has a traditional door, a number of window wooden shutters. There are no other notable features.



References

المصادر

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	05



<b>Building Identity</b>		هوية المبنى	
الفريج Neighbourhood	الشارع Street	رقم المبنى Building number	إسم المبنى الأصلي Original name of building
AL.SHAIKH	911	123	
إسم المبنى الحالي Present name of building		إسم المالك Owner's name	إسم الساكن Occupant's name
صالح سلطان سالمين بخشيت		وقف	
تاريخ البناء Date of building		حقيقي Factual	تقريبي Estimated
إسم المسجل Name of recorder			

<b>Condition of Building</b>	حالة المبنى
Poor رديئة <input checked="" type="checkbox"/>	Good جيدة <input type="checkbox"/>
Fair متوسطة <input type="checkbox"/>	Partially ruined مهدمة جزئيا <input type="checkbox"/>
Ruin خربة <input type="checkbox"/>	

<b>Historical significance</b>	الأهمية التاريخية
على الصعيد العالمي <input type="checkbox"/>	على الصعيد القطري <input type="checkbox"/>
International	National
	Local <input checked="" type="checkbox"/>
	Specify <input type="checkbox"/>
	إشرح <input type="checkbox"/>

<b>Ownership</b>	الملكية
وقف <input type="checkbox"/>	ملك خاص <input checked="" type="checkbox"/>
Waqf	Private
	عامة <input type="checkbox"/>
	Public

<b>Secondary use</b>	الإستعمال الثانوي
<b>Primary use</b>	الإستعمال الأساسي
	Residence

<b>Name of builder</b>	إسم البناء
<b>Name of Designer</b>	اسم المصمم

<b>Conservation work</b>	أعمال الترميم
In progress جارية <input type="checkbox"/>	لا يوجد <input checked="" type="checkbox"/>
Complete تمت <input type="checkbox"/>	مزمعة <input type="checkbox"/>
Minor طفيفة <input type="checkbox"/>	Major أساسية <input type="checkbox"/>
	Proposed <input type="checkbox"/>
	None <input type="checkbox"/>

<b>Environment relationship</b>	الموضع
Isolated منعزل <input type="checkbox"/>	Attached ملاصق <input checked="" type="checkbox"/>
	Detached مستقل <input type="checkbox"/>

<b>Building Description</b>	وصف المبنى
<b>No of floors</b>	عدد الطوابق
3 <input type="checkbox"/>	2 <input checked="" type="checkbox"/>
	1 <input type="checkbox"/>

<b>No of entrances</b>	عدد المداخل
Open مكشوف <input type="checkbox"/>	Covered مسقف <input type="checkbox"/>

<b>No of courtyards</b>	عدد الأحواش
Oblong مستطيل <input type="checkbox"/>	Square مربع <input type="checkbox"/>

<b>No of liwans</b>	عدد الليوانات
السطح <input type="checkbox"/>	الطابق الأول <input type="checkbox"/>
Roof	First floor
	Ground floor <input type="checkbox"/>

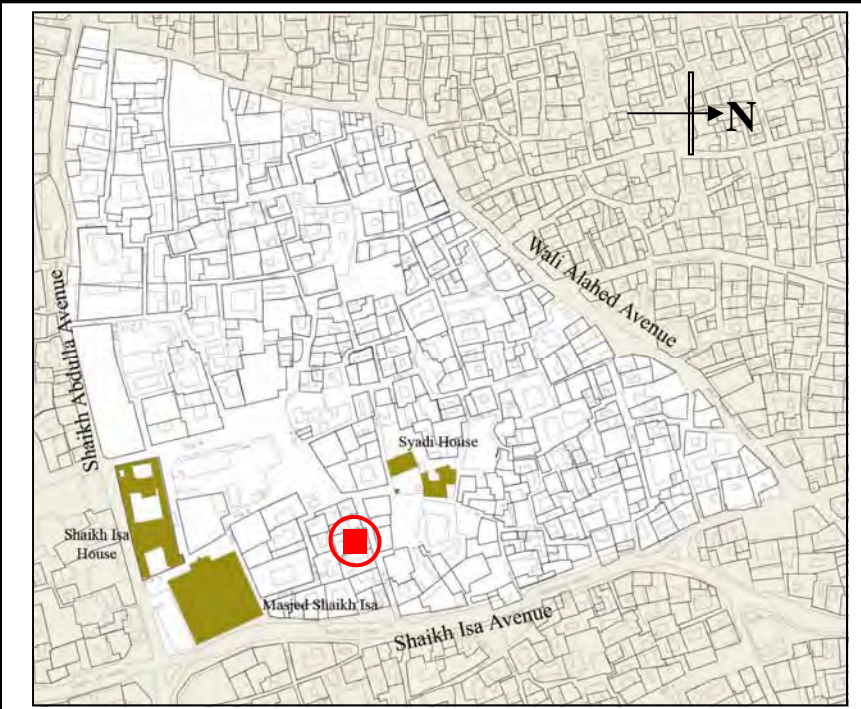
<b>No of staircases</b>	عدد السلالم
داخلية <input type="checkbox"/>	خارجية مسقفة <input type="checkbox"/>
Internal	External open <input type="checkbox"/>
	External covered <input type="checkbox"/>

<b>No of rooms</b>	عدد الحجرات
Other حجرات غير سكنية <input type="checkbox"/>	Habitable rooms حجرات سكنية <input type="checkbox"/>
4 Ground floor	6 الطابق الأرضي
First floor <input type="checkbox"/>	الطابق الأول <input type="checkbox"/>
Roof <input type="checkbox"/>	السطح <input type="checkbox"/>

<b>Window shutters</b>	درفات النوافذ
عدد الدرفات الخشبية <input type="checkbox"/>	عدد الدرفات الحديدية <input type="checkbox"/>
No. wooden shutter	No. iron shutters
	لا يوجد <input type="checkbox"/>
	None <input type="checkbox"/>

<b>Stained glass fanlights</b>	نوافذ ذات زجاج ملون
Number العدد <input type="checkbox"/>	None لا يوجد <input type="checkbox"/>

<b>Balcony railings</b>	درابيزينات الشرفات
عدد الدرابيزينات الحديدية <input type="checkbox"/>	عدد الدرابيزينات الخشبية <input type="checkbox"/>
No of iron railing	No of wooden railing
	لا يوجد <input type="checkbox"/>
	None <input type="checkbox"/>

















<b>Plan of Location</b>	مخطط الموقع
<b>Decorative plaster panels</b>	مسطحات جبسية مزخرفة
عدد المسطحات المنحوتة <input type="checkbox"/>	السطح <input type="checkbox"/>
No of carved panels	الطابق الأول <input type="checkbox"/>
Ground floor	First floor
عدد المسطحات المخرمة <input type="checkbox"/>	السطح <input type="checkbox"/>
No of perforated panels	الطابق الأول <input type="checkbox"/>
Ground floor	First floor
	Roof <input type="checkbox"/>















<b>Arches ( type used )</b>	الطيفان ( الطراز المستعمل )
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	<b>05</b>















**Parapets ( Select type used )** ( ستارة السطح ( الطراز المستعمل )

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>






**Incised niches ( type used )** ( الكوى المزخرفة ( الطراز المستعمل )

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Plain Niches ( type used )** ( الكوى الغير مزخرفة ( الطراز المستعمل )

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**الباب الخارجي ( الشكل المشابه لباب المبنى )**  
**Main entrance door ( design most similar )**

				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**المخاطر التي تواجه البناء**  
**Threats to building**

Horizontal شروخ أفقية <input type="checkbox"/>	Rising damp رطوبة صاعدة <input type="checkbox"/>
Vertical شروخ عمودية <input checked="" type="checkbox"/>	Leaking roof رطوبة متسربة من السطح <input type="checkbox"/>
Diagonal شروخ مائلة <input type="checkbox"/>	Damp through walls رطوبة متسربة عبر الجدار <input checked="" type="checkbox"/>
Fungus فطريات <input type="checkbox"/>	Termites أرضه <input type="checkbox"/>
Others أخرى <input type="checkbox"/>	Vegetation نباتات <input type="checkbox"/>

**الوثائق المتوفرة**  
**Documentation**

مستندات أخرى Other records <input type="checkbox"/>	منشورات Publications <input type="checkbox"/>	صور قديمة Old photographs <input type="checkbox"/>	خرائط Drawings <input type="checkbox"/>
--	--	---	--

**ملاحظات و تعليقات**  
**Notes & comments**

This two-story house is in poor physical condition. The walls have been extended upwards using exposed concrete blocks. The courtyard is oblong in shape. There are 4 rooms on the ground floor and 6 on the first floor.



**المصادر**  
**References**

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	<b>06</b>



<b>Building Identity</b>			<b>هوية المبنى</b>							
الفريج Neighbourhood	الشارع Street	رقم المبنى Building number	إسم المبنى الأصلي Original name of building	إسم المبنى الحالي Present name of building	إسم المالك Owner's name	إسم الساكن Occupant's name	تاريخ البناء Date of building	حقيقي Factual	تقريبي Estimated	إسم المسجل Name of recorder
AL KHARU	913	165				Not Occupied				QAMAR

<b>Condition of Building</b>	<b>حالة المبنى</b>
Poor <input type="checkbox"/>	جيدة <input type="checkbox"/>
متوسطة <input type="checkbox"/>	متوسطة <input type="checkbox"/>
متوسطة <input type="checkbox"/>	متوسطة <input type="checkbox"/>
متوسطة <input type="checkbox"/>	متوسطة <input type="checkbox"/>
متوسطة <input type="checkbox"/>	متوسطة <input type="checkbox"/>

<b>Historical significance</b>	<b>الأهمية التاريخية</b>
على الصعيد العالمي <input type="checkbox"/>	على الصعيد المحلي <input checked="" type="checkbox"/>
International	Local
على الصعيد القطري <input type="checkbox"/>	على الصعيد الوطني <input type="checkbox"/>
National	National
Specify	إشرح

<b>Ownership</b>	<b>الملكية</b>
وقف <input type="checkbox"/>	عامة <input type="checkbox"/>
Waqf	Public
ملك خاص <input checked="" type="checkbox"/>	ملك خاص <input checked="" type="checkbox"/>
Private	Private

<b>Secondary use</b>	<b>الإستعمال الثانوي</b>	<b>Primary use</b>	<b>الإستعمال الأساسي</b>

<b>Name of builder</b>	<b>إسم البناء</b>	<b>Name of Designer</b>	<b>اسم المصمم</b>

<b>Conservation work</b>	<b>أعمال الترميم</b>
In progress <input type="checkbox"/>	لا يوجد <input checked="" type="checkbox"/>
Complete <input type="checkbox"/>	مزمعة <input type="checkbox"/>
Minor <input type="checkbox"/>	أساسية <input type="checkbox"/>
جارية <input type="checkbox"/>	لا يوجد <input checked="" type="checkbox"/>
تمت <input type="checkbox"/>	مزمعة <input type="checkbox"/>
طفيفة <input type="checkbox"/>	أساسية <input type="checkbox"/>
Major <input type="checkbox"/>	أساسية <input type="checkbox"/>

<b>Environment relationship</b>	<b>الموضع</b>
Isolated <input type="checkbox"/>	ملاصق <input checked="" type="checkbox"/>
منعزل <input type="checkbox"/>	ملاصق <input checked="" type="checkbox"/>
Detached <input type="checkbox"/>	ملاصق <input checked="" type="checkbox"/>
مستقل <input type="checkbox"/>	ملاصق <input checked="" type="checkbox"/>
Attached <input type="checkbox"/>	ملاصق <input checked="" type="checkbox"/>

<b>Building Description</b>	<b>وصف المبنى</b>
No of floors	عدد الطوابق
3 <input type="checkbox"/>	1 <input checked="" type="checkbox"/>
2 <input type="checkbox"/>	2 <input type="checkbox"/>

No of entrances	عدد المداخل
Open <input type="checkbox"/>	مسقف <input type="checkbox"/>
مكتشف <input type="checkbox"/>	مسقف <input type="checkbox"/>
Covered <input type="checkbox"/>	مسقف <input type="checkbox"/>

No of courtyards	عدد الأحواش
Oblong <input type="checkbox"/>	مربع <input type="checkbox"/>
مستطيل <input type="checkbox"/>	مربع <input type="checkbox"/>
Square <input type="checkbox"/>	مربع <input type="checkbox"/>

No of liwans	عدد الليوانات
السطح <input type="checkbox"/>	الطابق الأرضي <input type="checkbox"/>
Roof	Ground floor
الطابق الأول <input type="checkbox"/>	الطابق الأرضي <input type="checkbox"/>
First floor	Ground floor

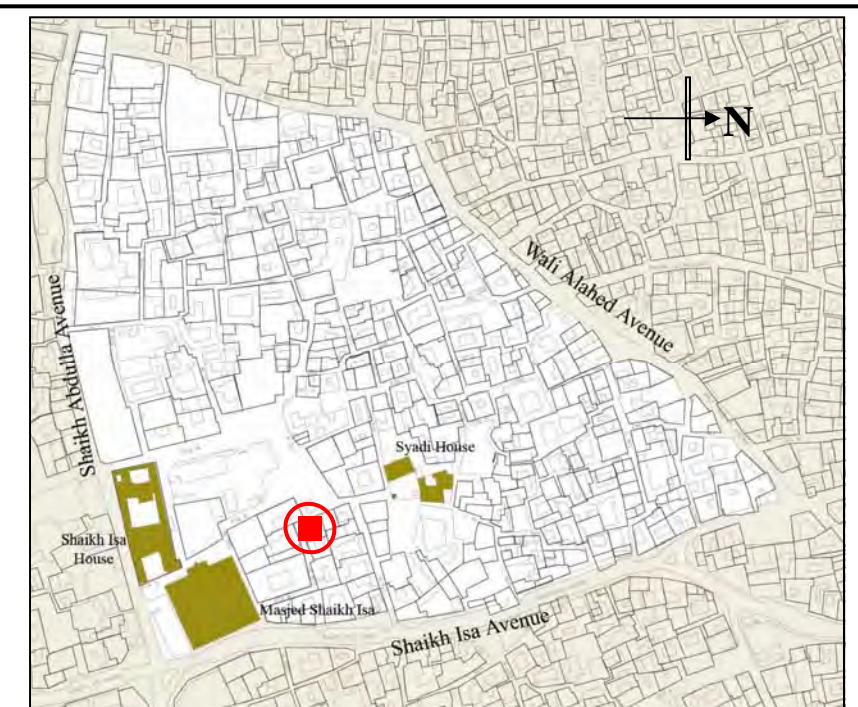
No of staircases	عدد السلالم
داخلية <input type="checkbox"/>	خارجية مسقفة <input type="checkbox"/>
Internal	External covered
خارجية مكشوفة <input type="checkbox"/>	خارجية مسقفة <input type="checkbox"/>
External open	External covered

No of rooms	عدد الحجرات
Other <input type="checkbox"/>	حجرات سكنية <input type="checkbox"/>
حجرات غير سكنية <input type="checkbox"/>	حجرات سكنية <input type="checkbox"/>
Ground floor	الطابق الأرضي <input type="checkbox"/>
First floor	الطابق الأول <input type="checkbox"/>
Roof	السطح <input type="checkbox"/>

Window shutters	درافات النوافذ
عدد الدرفات الخشبية <input type="checkbox"/>	لا يوجد <input type="checkbox"/>
No. wooden shutter	None
عدد الدرفات الحديدية <input type="checkbox"/>	لا يوجد <input type="checkbox"/>
No. iron shutters	None

Stained glass fanlights	نوافذ ذات زجاج ملون
Number <input type="checkbox"/>	لا يوجد <input type="checkbox"/>
العدد <input type="checkbox"/>	لا يوجد <input type="checkbox"/>
None	لا يوجد <input type="checkbox"/>

Balcony railings	درابيزينات الشرفات
عدد الدرابيزينات الحديدية <input type="checkbox"/>	لا يوجد <input type="checkbox"/>
No of iron railing	None
عدد الدرابيزينات الخشبية <input type="checkbox"/>	لا يوجد <input type="checkbox"/>
No of wooden railing	None

















<b>Plan of Location</b>	<b>مخطط الموقع</b>
Decorative plaster panels	مسطحات جبسية مزخرفة
عدد المسطحات المنقوتة <input type="checkbox"/>	السطح <input type="checkbox"/>
No of carved panels	السطح <input type="checkbox"/>
Ground floor <input type="checkbox"/>	الطابق الأول <input type="checkbox"/>
الطابق الأرضي <input type="checkbox"/>	الطابق الأول <input type="checkbox"/>
First floor <input type="checkbox"/>	الطابق الأول <input type="checkbox"/>
السطح <input type="checkbox"/>	السطح <input type="checkbox"/>
عدد المسطحات المخرمة <input type="checkbox"/>	السطح <input type="checkbox"/>
No of perforated panels	السطح <input type="checkbox"/>
Ground floor <input type="checkbox"/>	السطح <input type="checkbox"/>
الطابق الأرضي <input type="checkbox"/>	السطح <input type="checkbox"/>
First floor <input type="checkbox"/>	السطح <input type="checkbox"/>















Arches ( type used )	الطيطان ( الطراز المستعمل )
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	<b>06</b>















**Parapets ( Select type used )** ستارة السطح ( الطراز المستعمل )

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>


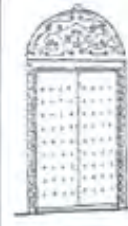




**Incised niches ( type used )** الكوى المزخرفة ( الطراز المستعمل )

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Plain Niches ( type used )** الكوى الغير مزخرفة ( الطراز المستعمل )

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Main entrance door ( design most similar )** الباب الخارجي ( الشكل المشابه لباب المبنى )

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
					

**Threats to building** المخاطر التي تواجه البناء

Horizontal شروخ أفقية	<input checked="" type="checkbox"/>	Rising damp	<input type="checkbox"/>	رطوبة صاعدة	<input type="checkbox"/>
Vertical شروخ عمودية	<input type="checkbox"/>	Leaking roof	<input type="checkbox"/>	رطوبة متسربة من السطح	<input type="checkbox"/>
Diagonal شروخ مائلة	<input type="checkbox"/>	Damp through walls	<input checked="" type="checkbox"/>	رطوبة متسربة عبر الجدار	<input type="checkbox"/>
Fungus فطريات	<input type="checkbox"/>	Termites	<input type="checkbox"/>	أرضه	<input type="checkbox"/>
Others أخرى	<input type="checkbox"/>	Vegetation	<input type="checkbox"/>	نباتات	<input type="checkbox"/>

**Documentation** الوثائق المتوفرة

مستندات أخرى Other records	منشورات Publications	صور قديمة Old photographs	خرائط Drawings
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Notes & comments** ملاحظات و تعليقات

Single-story, small, unoccupied house in acceptable condition. It consists of a small block at the south-west corner of a medium size plot. The plain external wall has been given a coat of sand-cement rendering which is disintegrating. The house has a two-leaf paneled wooden external door with a plain centre-post.



References المصادر

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	<b>07</b>



### Building Identity

### هوية المبنى

Neighbourhood الفريج	Street الشارع	Building number رقم المبنى	Original name of building إسم المبنى الأصلي	Present name of building إسم المبنى الحالي	Owner's name إسم المالك	Occupant's name إسم الساكن	Date of building تاريخ البناء	Factual حقيقي	Estimated تقريبي	Name of recorder إسم المسجل
محمد بن عيسى	913	193			حمد صالح الرويعي					QAMAR

### Condition of Building

### حالة المبنى

Poor	ردينة <input type="checkbox"/>	Fair	متوسطة <input type="checkbox"/>	Good	جيدة <input checked="" type="checkbox"/>
Ruin	خربة <input type="checkbox"/>	Partially ruined	مهدمة جزئيا <input type="checkbox"/>		

### Historical significance

### الأهمية التاريخية

على الصعيد العالمي <input type="checkbox"/>	على الصعيد القطري <input type="checkbox"/>	على الصعيد المحلي <input checked="" type="checkbox"/>
International	National	Local
		Specify <input type="checkbox"/> / شرح <input type="checkbox"/>

### Ownership

### الملكية

وقف <input type="checkbox"/>	ملك خاص <input checked="" type="checkbox"/>	عامة <input type="checkbox"/>
Waqf	Private	Public

### Secondary use

### الإستعمال الثانوي

### Primary use

### الإستعمال الأساسي

	Residence
--	-----------

### Name of builder

### إسم البناء

### Name of Designer

### اسم المصمم

--	--

### Conservation work

### أعمال الترميم

In progress	جارية <input type="checkbox"/>	None	لا يوجد <input checked="" type="checkbox"/>
Complete	تمت <input type="checkbox"/>	Proposed	مزمعة <input type="checkbox"/>
Minor	طفيفة <input type="checkbox"/>	Major	أساسية <input type="checkbox"/>

### Environment relationship

### الموضع

Isolated	منعزل <input type="checkbox"/>	Detached	مستقل <input type="checkbox"/>	Attached	ملاصق <input checked="" type="checkbox"/>
----------	--------------------------------	----------	--------------------------------	----------	---

### Building Description

### وصف المبنى

No of floors	عدد الطوابق
3 <input type="checkbox"/>	2 <input checked="" type="checkbox"/>
	1 <input type="checkbox"/>

No of entrances	عدد المداخل
Open	مكتشف <input type="checkbox"/>
	Covered <input type="checkbox"/>

No of courtyards	عدد الأحواش
Oblong	مستطيل <input type="checkbox"/>
	Square <input type="checkbox"/>

No of liwans	عدد الليوانات
السطح <input type="checkbox"/>	الطابق الأرضي <input type="checkbox"/>
Roof	First floor <input type="checkbox"/>
	Ground floor <input type="checkbox"/>

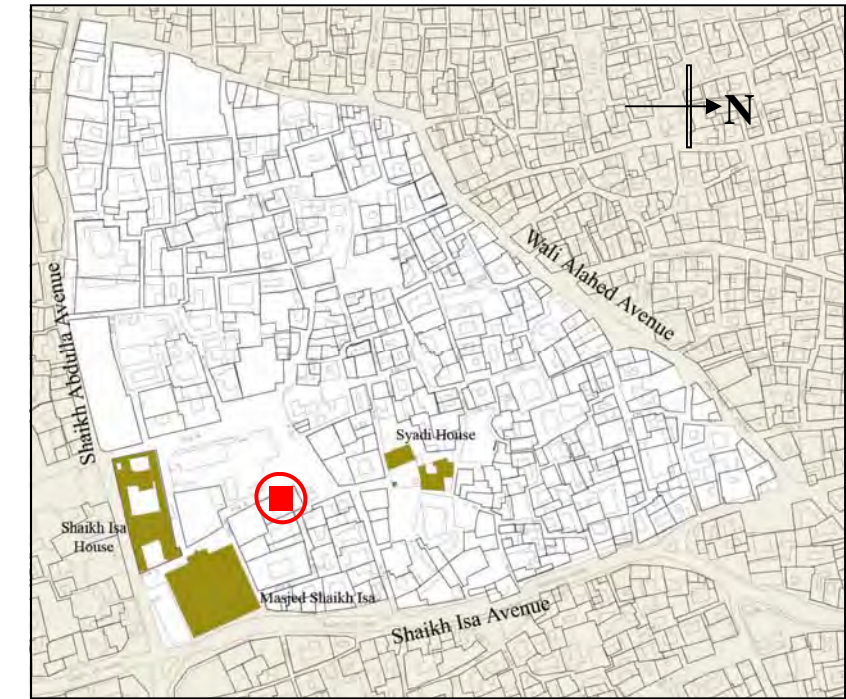
No of staircases	عدد السلالم
داخلية <input type="checkbox"/>	خارجية مسقفة <input type="checkbox"/>
Internal	External open <input type="checkbox"/>
	External covered <input type="checkbox"/>

No of rooms	عدد الحجرات
Other	حجرات غير سكنية
Ground floor	حجرات سكنية
First floor	الطابق الأرضي <input type="checkbox"/>
Roof	الطابق الأول <input type="checkbox"/>
	السطح <input type="checkbox"/>

Window shutters	درفات النوافذ
عدد الدرفات الخشبية <input type="checkbox"/>	عدد الدرفات الحديدية <input type="checkbox"/>
No. wooden shutter	No. iron shutters
	لا يوجد <input type="checkbox"/>

Stained glass fanlights	نوافذ ذات زجاج ملون
Number	العدد <input type="checkbox"/>
	None <input type="checkbox"/>
	لا يوجد <input type="checkbox"/>

Balcony railings	درابيزونات الشرفات
عدد الدرابيزونات الحديدية <input type="checkbox"/>	عدد الدرابيزونات الخشبية <input type="checkbox"/>
No of iron railing	No of wooden railing
	لا يوجد <input type="checkbox"/>



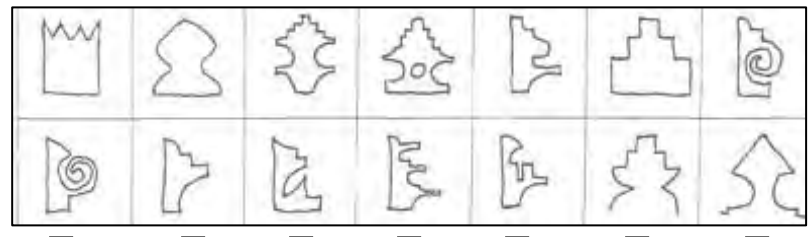
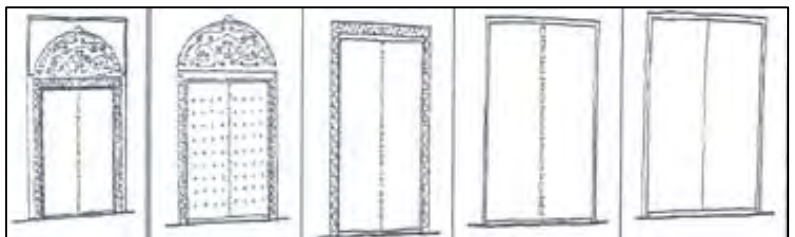

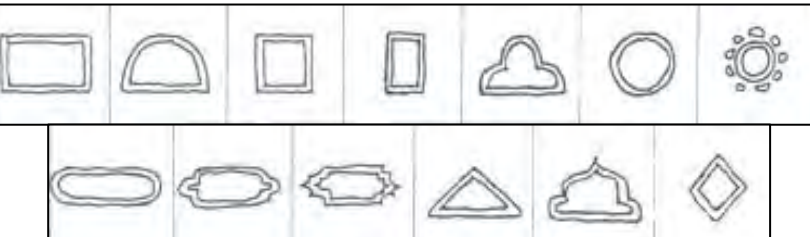

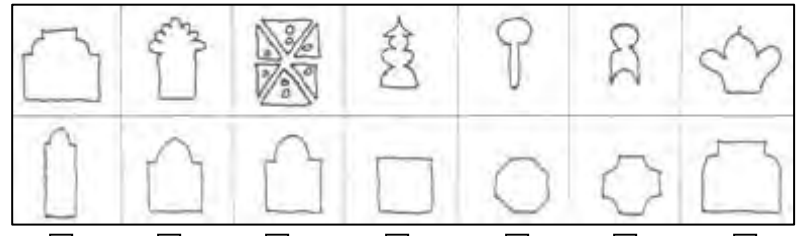
### Plan of Location

### مخطط الموقع

Decorative plaster panels	مسطحات جبسية مزخرفة
عدد المسطحات المنحوتة	السطح <input type="checkbox"/>
No of carved panels	الطابق الأرضي <input type="checkbox"/>
Ground floor	الطابق الأول <input type="checkbox"/>
First floor	السطح <input type="checkbox"/>
Roof	عدد المسطحات المخرمة
No of perforated panels	الطابق الأرضي <input type="checkbox"/>
Ground floor	الطابق الأول <input type="checkbox"/>
First floor	السطح <input type="checkbox"/>
Roof	

Arches ( type used )	الطابقان ( الطراز المستعمل )
<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	<b>07</b>

<p><b>Parapets ( Select type used )</b> (ستارة السطح ( الطراز المستعمل )</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> 	<p><b>الباب الخارجي ( الشكل المشابه لباب المبنى )</b>  <b>Main entrance door ( design most similar )</b></p> 																					
<p><b>الكوى المزخرفة ( الطراز المستعمل )</b>  <b>Incised niches ( type used )</b></p> <p><input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> 	<p><b>المخاطر التي تواجه البناء</b>  <b>Threats to building</b></p> <table border="0"> <tr> <td>Horizontal</td> <td><input type="checkbox"/> شروخ أفقية</td> <td>Rising damp</td> <td><input type="checkbox"/> رطوبة صاعدة</td> </tr> <tr> <td>Vertical</td> <td><input type="checkbox"/> شروخ عمودية</td> <td>Leaking roof</td> <td><input type="checkbox"/> رطوبة متسربة من السطح</td> </tr> <tr> <td>Diagonal</td> <td><input type="checkbox"/> شروخ مائلة</td> <td>Damp through walls</td> <td><input checked="" type="checkbox"/> رطوبة متسربة عبر الجدار</td> </tr> <tr> <td>Fungus</td> <td><input type="checkbox"/> فطريات</td> <td>Termites</td> <td><input type="checkbox"/> أرضه</td> </tr> <tr> <td>Others</td> <td><input type="checkbox"/> أخرى</td> <td>Vegetation</td> <td><input type="checkbox"/> نباتات</td> </tr> </table>	Horizontal	<input type="checkbox"/> شروخ أفقية	Rising damp	<input type="checkbox"/> رطوبة صاعدة	Vertical	<input type="checkbox"/> شروخ عمودية	Leaking roof	<input type="checkbox"/> رطوبة متسربة من السطح	Diagonal	<input type="checkbox"/> شروخ مائلة	Damp through walls	<input checked="" type="checkbox"/> رطوبة متسربة عبر الجدار	Fungus	<input type="checkbox"/> فطريات	Termites	<input type="checkbox"/> أرضه	Others	<input type="checkbox"/> أخرى	Vegetation	<input type="checkbox"/> نباتات	
Horizontal	<input type="checkbox"/> شروخ أفقية	Rising damp	<input type="checkbox"/> رطوبة صاعدة																			
Vertical	<input type="checkbox"/> شروخ عمودية	Leaking roof	<input type="checkbox"/> رطوبة متسربة من السطح																			
Diagonal	<input type="checkbox"/> شروخ مائلة	Damp through walls	<input checked="" type="checkbox"/> رطوبة متسربة عبر الجدار																			
Fungus	<input type="checkbox"/> فطريات	Termites	<input type="checkbox"/> أرضه																			
Others	<input type="checkbox"/> أخرى	Vegetation	<input type="checkbox"/> نباتات																			
<p><b>الكوى الغير مزخرفة ( الطراز المستعمل )</b>  <b>Plain Niches ( type used )</b></p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> 	<p><b>الوثائق المتوفرة</b>  <b>Documentation</b></p> <table border="1"> <tr> <td>مستندات أخرى Other records</td> <td>منشورات Publications</td> <td>صور قديمة Old photographs</td> <td>خرائط Drawings</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>	مستندات أخرى Other records	منشورات Publications	صور قديمة Old photographs	خرائط Drawings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>المصادر</b>  <b>References</b></p>												
مستندات أخرى Other records	منشورات Publications	صور قديمة Old photographs	خرائط Drawings																			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																			
<p><b>ملاحظات و تعليقات</b>  <b>Notes &amp; comments</b></p> <p>Large two-storey traditional house in a commanding position facing a large open space. It has a square courtyard, one liwan and four rooms on each floor. There are 22 windows with iron shutters. It is in good physical state. Interesting play of solids and voids in the elevations with trefoil arches in upper part of walls.</p>																						

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	<b>08</b>



<b>Building Identity</b>			<b>هوية المبنى</b>							
الفريج Neighbourhood	الشارع Street	رقم المبنى Building number	إسم المبنى الأصلي Original name of building	إسم المبنى الحالي Present name of building	إسم المالك Owner's name	إسم الساكن Occupant's name	تاريخ البناء Date of building	حقيقي Factual	تقريبي Estimated	إسم المسجل Name of recorder
محمد بن عيسى	913	168			حمد عبد الله محمد ضيف					QAMAR

<b>Condition of Building</b>	<b>حالة المبنى</b>
Poor <input type="checkbox"/> رديئة	Fair <input checked="" type="checkbox"/> متوسطة
Ruin <input type="checkbox"/> خربة	Partially ruined <input type="checkbox"/> جزئيا
Good <input type="checkbox"/> جيدة	

<b>Historical significance</b>	<b>الأهمية التاريخية</b>
على الصعيد العالمي <input type="checkbox"/> International	على الصعيد القطري <input type="checkbox"/> National
	على الصعيد المحلي <input checked="" type="checkbox"/> Local
	إشرح <input type="checkbox"/> / Specify <input type="checkbox"/>

<b>Ownership</b>	<b>الملكية</b>
وقف <input type="checkbox"/> Waqf	ملك خاص <input checked="" type="checkbox"/> Private
	عامة <input type="checkbox"/> Public

<b>Secondary use</b>	<b>الإستعمال الثانوي</b>	<b>Primary use</b>	<b>الإستعمال الأساسي</b>
		Residence	

<b>Name of builder</b>	<b>إسم البناء</b>	<b>Name of Designer</b>	<b>اسم المصمم</b>

<b>Conservation work</b>	<b>أعمال الترميم</b>
In progress <input type="checkbox"/> جارية	لا يوجد <input checked="" type="checkbox"/> None
Complete <input type="checkbox"/> تمت	Proposed <input type="checkbox"/> مقترحة
Minor <input type="checkbox"/> طفيفة	Major <input type="checkbox"/> أساسية

<b>Environment relationship</b>	<b>الموضع</b>
Isolated <input type="checkbox"/> منعزل	Detached <input type="checkbox"/> مستقل
	Attached <input checked="" type="checkbox"/> ملاصق

<b>Building Description</b>	<b>وصف المبنى</b>
No of floors	عدد الطوابق
3 <input type="checkbox"/>	2 <input checked="" type="checkbox"/>
1 <input type="checkbox"/>	

No of entrances	عدد المداخل
Open <input type="checkbox"/> مكشوف	Covered <input type="checkbox"/> مسقف
	1 <input type="checkbox"/>

No of courtyards	عدد الأحواش
Oblong <input type="checkbox"/> مستطيل	Square <input type="checkbox"/> مربع
	1 <input type="checkbox"/>

No of liwans	عدد الليوانات
السطح <input type="checkbox"/> Roof	الطابق الأول <input type="checkbox"/> First floor
	الطابق الأرضي <input type="checkbox"/> Ground floor

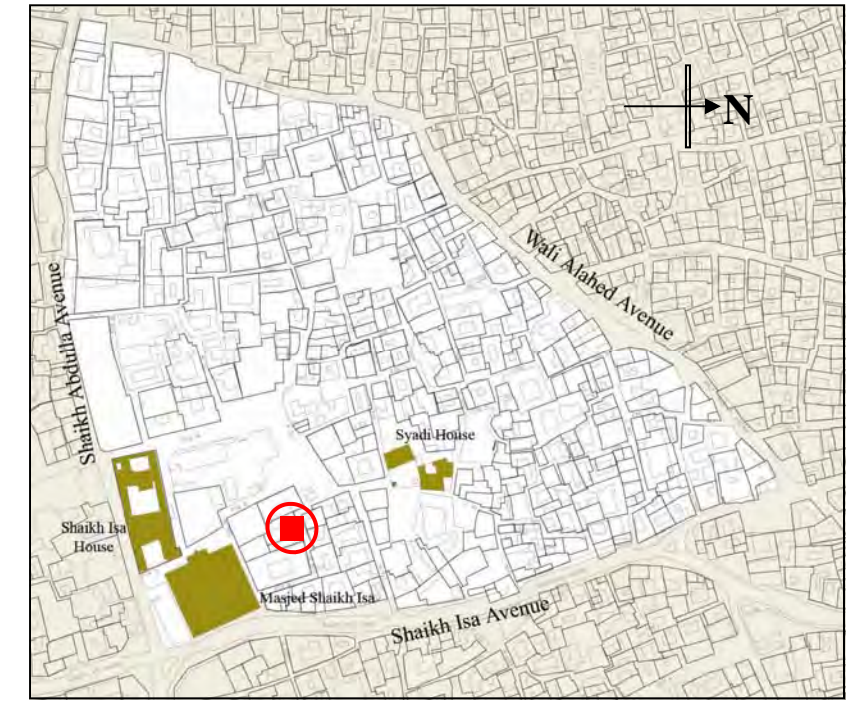
No of staircases	عدد السلالم
داخلية <input type="checkbox"/> Internal	خارجية مكشوفة <input type="checkbox"/> External open
	خارجية مسقفة <input type="checkbox"/> External covered

No of rooms	عدد الحجرات
Other <input type="checkbox"/> حجرات غير سكنية	Habitable rooms <input type="checkbox"/> حجرات سكنية
Ground floor <input type="checkbox"/>	الطابق الأرضي <input type="checkbox"/> 3
First floor <input type="checkbox"/>	الطابق الأول <input type="checkbox"/> 1
Roof <input type="checkbox"/>	السطح <input type="checkbox"/>

<b>Window shutters</b>	<b>درفات النوافذ</b>
عدد الدرفات الخشبية <input type="checkbox"/> No. wooden shutter	عدد الدرفات الحديدية <input type="checkbox"/> No. iron shutters
2 inside / 2 outside	2 inside / 4 outside

<b>Stained glass fanlights</b>	<b>نوافذ ذات زجاج ملون</b>
Number <input type="checkbox"/> العدد	None <input type="checkbox"/> لا يوجد

<b>Balcony railings</b>	<b>درابيزينات الشرفات</b>
عدد الدرابيزينات الحديدية <input type="checkbox"/> No. of iron railing	عدد الدرابيزينات الخشبية <input type="checkbox"/> No. of wooden railing
	1 <input type="checkbox"/> لا يوجد <input type="checkbox"/> None



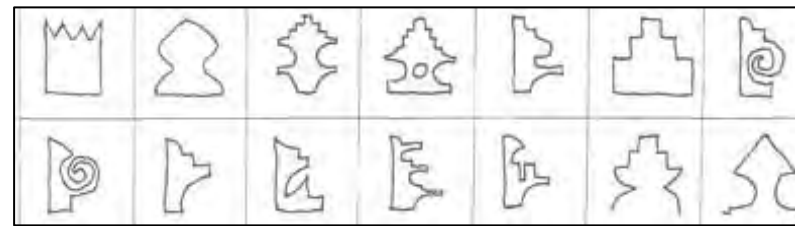
**Plan of Location** **مخطط الموقع**

<b>Decorative plaster panels</b>	<b>مسطحات جبسية مزخرفة</b>
عدد المسطحات المنحوتة <input type="checkbox"/> No. of carved panels	الطابق الأرضي <input type="checkbox"/> Ground floor
	الطابق الأول <input type="checkbox"/> First floor
	السطح <input type="checkbox"/> Roof
عدد المسطحات المخرمة <input type="checkbox"/> No. of perforated panels	الطابق الأرضي <input type="checkbox"/> Ground floor
	الطابق الأول <input type="checkbox"/> First floor
	السطح <input type="checkbox"/> Roof

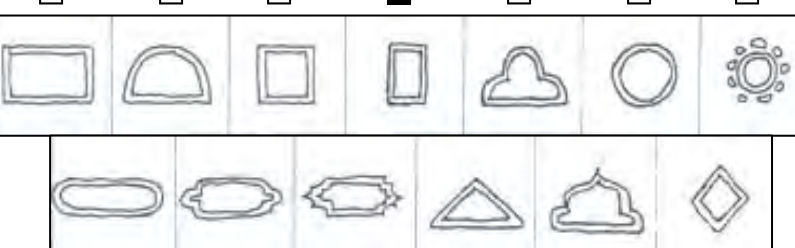
<b>Arches ( type used )</b>	<b>الطيطان ( الطراز المستعمل )</b>
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	<b>08</b>

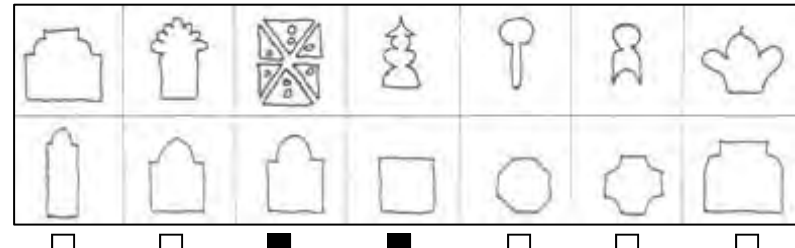
**Parapets ( Select type used )** ستارة السطح ( الطراز المستعمل )



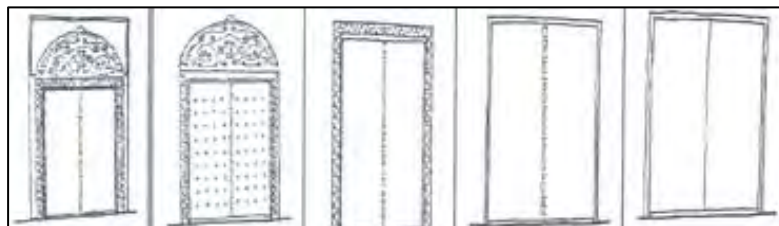
**Incised niches ( type used )** الكوى المزخرفة ( الطراز المستعمل )



**Plain Niches ( type used )** الكوى الغير مزخرفة ( الطراز المستعمل )



**Main entrance door ( design most similar )** الباب الخارجي ( الشكل المشابه لباب المبنى )



**Threats to building** المخاطر التي تواجه البناء

Horizontal شروخ أفقية	<input type="checkbox"/>	Rising damp	<input type="checkbox"/>	رطوبة صاعدة
Vertical شروخ عمودية	<input type="checkbox"/>	Leaking roof	<input type="checkbox"/>	رطوبة متسربة من السطح
Diagonal شروخ مائلة	<input type="checkbox"/>	Damp through walls	<input checked="" type="checkbox"/>	رطوبة متسربة عبر الجدار
Fungus فطريات	<input type="checkbox"/>	Termites	<input type="checkbox"/>	أرضه
Others أخرى	<input type="checkbox"/>	Vegetation	<input type="checkbox"/>	نباتات

**Documentation** الوثائق المتوفرة

مستندات أخرى Other records	منشورات Publications	صور قديمة Old photographs	خرائط Drawings
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Notes & comments** ملاحظات و تعليقات

Two-storey house in good physical condition. It has a large square courtyard and good examples of incised panels decorated with geometrical patterns. From door is in good condition and has a carved centre post. The traditional floor construction is visible because the ceilings are exposed. The parapet has pronounced corner merlons.



Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	09



<b>Building Identity</b>			<b>هوية المبنى</b>							
الفريج Neighbourhood	الشارع Street	رقم المبنى Building number	إسم المبنى الأصلي Original name of building	إسم المبنى الحالي Present name of building	إسم المالك Owner's name	إسم الساكن Occupant's name	تاريخ البناء Date of building	حقيقي Factual	تقريبي Estimated	إسم المسجل Name of recorder
AL KHARU	913	174			محمد يوسف الغاوي و أولاده					QAMAR

<b>Condition of Building</b>	<b>حالة المبنى</b>
Poor <input type="checkbox"/> رديئة <input type="checkbox"/> Ruin <input type="checkbox"/> خربة <input type="checkbox"/>	Fair <input checked="" type="checkbox"/> متوسطة <input checked="" type="checkbox"/> Partially ruined <input type="checkbox"/> جزئيا مهدمة <input type="checkbox"/>
Good <input type="checkbox"/> جيدة <input type="checkbox"/>	

<b>Historical significance</b>	<b>الأهمية التاريخية</b>
على الصعيد العالمي <input type="checkbox"/> International	على الصعيد القطري <input type="checkbox"/> National
	على الصعيد المحلي <input checked="" type="checkbox"/> Local
	إشرح <input type="checkbox"/> / Specify <input type="checkbox"/>

<b>Ownership</b>	<b>الملكية</b>
وقف <input type="checkbox"/> Waqf	ملك خاص <input checked="" type="checkbox"/> Private
	عامة <input type="checkbox"/> Public

<b>Secondary use</b>	<b>الإستعمال الثانوي</b>	<b>Primary use</b>	<b>الإستعمال الأساسي</b>
		Residence	

<b>Name of builder</b>	<b>إسم البناء</b>	<b>Name of Designer</b>	<b>اسم المصمم</b>

<b>Conservation work</b>	<b>أعمال الترميم</b>
In progress <input type="checkbox"/> جارية <input type="checkbox"/> Complete <input type="checkbox"/> تمت <input type="checkbox"/> Minor <input type="checkbox"/> طفيفة <input type="checkbox"/>	None <input checked="" type="checkbox"/> لا يوجد <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> مزمنة <input type="checkbox"/> Major <input type="checkbox"/> أساسية <input type="checkbox"/>

<b>Environment relationship</b>	<b>الموضع</b>
Isolated <input type="checkbox"/> منعزل <input type="checkbox"/> Detached <input type="checkbox"/> مستقل <input type="checkbox"/> Attached <input checked="" type="checkbox"/> ملاصق <input checked="" type="checkbox"/>	

<b>Building Description</b>	<b>وصف المبنى</b>
No of floors	عدد الطوابق
3 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 1 <input type="checkbox"/>	

No of entrances	عدد المداخل
Open <input type="checkbox"/> مكشوف <input type="checkbox"/> Covered <input type="checkbox"/> مسقف <input checked="" type="checkbox"/>	

No of courtyards	عدد الأحواش
Oblong <input type="checkbox"/> مستطيل <input checked="" type="checkbox"/> Square <input type="checkbox"/> مربع <input type="checkbox"/>	

No of liwans	عدد الليوانات
السطح <input type="checkbox"/> Roof	الطابق الأول <input type="checkbox"/> First floor
	الطابق الأرضي <input type="checkbox"/> Ground floor

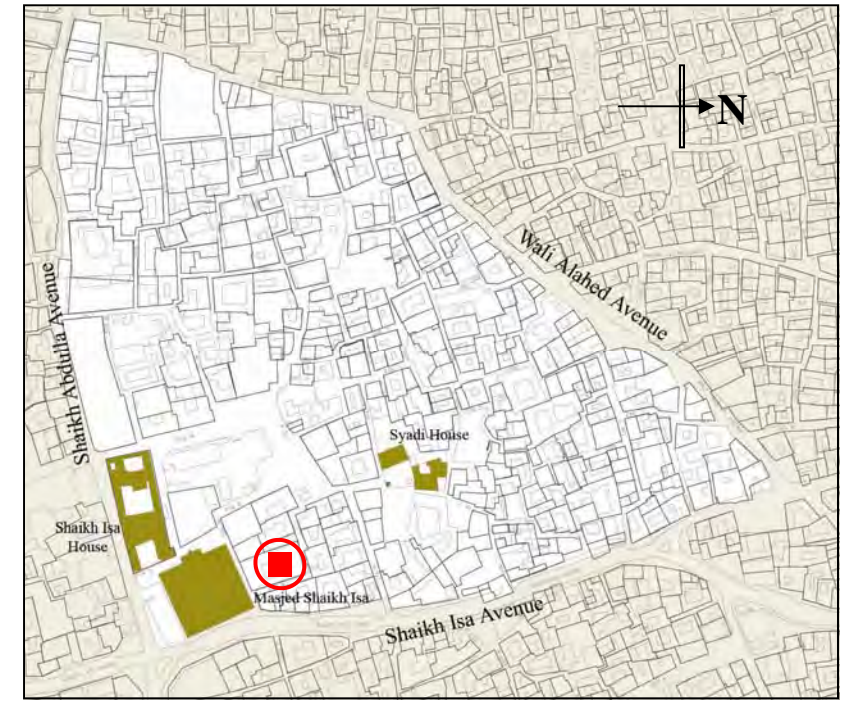
No of staircases	عدد السلالم
داخلية <input checked="" type="checkbox"/> Internal	خارجية مكشوفة <input checked="" type="checkbox"/> External open
	خارجية مسقفة <input type="checkbox"/> External covered

No of rooms	عدد الحجرات
Other <input type="checkbox"/> حجرات غير سكنية <input type="checkbox"/> Ground floor	Habitable rooms <input checked="" type="checkbox"/> حجرات سكنية <input checked="" type="checkbox"/> الطابق الأرضي <input checked="" type="checkbox"/>
First floor <input type="checkbox"/>	الطابق الأول <input checked="" type="checkbox"/>
Roof <input type="checkbox"/>	السطح <input type="checkbox"/>

<b>Window shutters</b>	<b>درفات النوافذ</b>
عدد الدرفات الخشبية <input checked="" type="checkbox"/> 5 outside No. wooden shutter	عدد الدرفات الحديدية <input checked="" type="checkbox"/> 7 No. iron shutters
	لا يوجد <input type="checkbox"/> None

<b>Stained glass fanlights</b>	<b>نوافذ ذات زجاج ملون</b>
Number <input type="checkbox"/> العدد <input type="checkbox"/> None <input type="checkbox"/>	لا يوجد <input type="checkbox"/> None

<b>Balcony railings</b>	<b>دراييزينات الشرفات</b>
عدد الدراييزينات الحديدية <input type="checkbox"/> No of iron railing	عدد الدراييزينات الخشبية <input checked="" type="checkbox"/> 3 No of wooden railing
	لا يوجد <input type="checkbox"/> None










**Plan of Location** **مخطط الموقع**

<b>Decorative plaster panels</b>	<b>مسطحات جبسية مزخرفة</b>
عدد المسطحات المنقوتة <input type="checkbox"/> No of carved panels	الطابق الأرضي <input type="checkbox"/> Ground floor
	الطابق الأول <input type="checkbox"/> First floor
	السطح <input type="checkbox"/> Roof
عدد المسطحات المخرمة <input type="checkbox"/> No of perforated panels	الطابق الأرضي <input type="checkbox"/> Ground floor
	الطابق الأول <input type="checkbox"/> First floor
	السطح <input type="checkbox"/> Roof








<b>Arches ( type used )</b>	<b>الطيطان ( الطراز المستعمل )</b>
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	<b>09</b>








**Parapets ( Select type used )** ستارة السطح ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



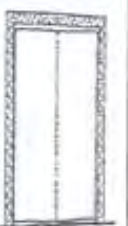


**Incised niches ( type used )** الكوى المزخرفة ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Plain Niches ( type used )** الكوى الغير مزخرفة ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Main entrance door ( design most similar )** الباب الخارجي ( الشكل المشابه لباب المبنى )

				
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Threats to building** المخاطر التي تواجه البناء

Horizontal شروخ أفقية <input type="checkbox"/>	Rising damp رطوبة صاعدة <input type="checkbox"/>
Vertical شروخ عمودية <input checked="" type="checkbox"/>	Leaking roof رطوبة متسربة من السطح <input type="checkbox"/>
Diagonal شروخ مائلة <input type="checkbox"/>	Damp through walls رطوبة متسربة عبر الجدار <input checked="" type="checkbox"/>
Fungus فطريات <input type="checkbox"/>	Termites أراضه <input type="checkbox"/>
Others أخرى <input type="checkbox"/>	Vegetation نباتات <input type="checkbox"/>

**Documentation** الوثائق المتوفرة

مستندات أخرى Other records <input type="checkbox"/>	منشورات Publications <input type="checkbox"/>	صور قديمة Old photographs <input type="checkbox"/>	خرائط Drawings <input type="checkbox"/>
--	--	---	--

**Notes & comments** ملاحظات و تعليقات

Large traditional house with 3 covered entrances and a large oblong courtyard in the centre of which is a covered swimming pool. A new wing has been added in the western side. There are 5 rooms on the ground floor and 3 on the first floor, 5 wooden window shutters and 7 iron shutters. A number of wind catchers are incorporated in the walls.



References

المصادر

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	<b>10</b>



<b>Building Identity</b>		<b>هوية المبنى</b>	
الفريج Neighbourhood	الشارع Street	رقم المبنى Building number	إسم المبنى الأصلي Original name of building
AL KHARU	916	216	
إسم المبنى الحالي Present name of building	إسم المالك Owner's name	إسم الساكن Occupant's name	تاريخ البناء Date of building
حقيقي Factual	تقريبي Estimated	إسم المسجل Name of recorder	
		QAMAR	

<b>Condition of Building</b>	<b>حالة المبنى</b>
Poor رديئة <input checked="" type="checkbox"/> Fair متوسطة <input type="checkbox"/> Good جيدة <input type="checkbox"/>	Ruin خربة <input type="checkbox"/> Partially ruined جزئيا مهدمة <input type="checkbox"/>

<b>Historical significance</b>	<b>الأهمية التاريخية</b>
على الصعيد العالمي <input type="checkbox"/> International	على الصعيد القطري <input type="checkbox"/> National
	على الصعيد المحلي <input checked="" type="checkbox"/> Local
	إشرح <input type="checkbox"/> Specify <input type="checkbox"/>

<b>Ownership</b>	<b>الملكية</b>
وقف <input type="checkbox"/> Waqf	ملك خاص <input type="checkbox"/> Private
	عامية <input type="checkbox"/> Public

<b>Secondary use</b>	<b>الإستعمال الثانوي</b>	<b>Primary use</b>	<b>الإستعمال الأساسي</b>
		Vacant	

<b>Name of builder</b>	<b>إسم البناء</b>	<b>Name of Designer</b>	<b>اسم المصمم</b>

<b>Conservation work</b>	<b>أعمال الترميم</b>
In progress جارية <input type="checkbox"/>	لا يوجد <input checked="" type="checkbox"/>
Complete تمت <input type="checkbox"/>	مزمعة <input type="checkbox"/>
Minor طفيفة <input type="checkbox"/>	Major أساسية <input type="checkbox"/>

<b>Environment relationship</b>	<b>الموضع</b>
Isolated منعزل <input type="checkbox"/>	Detached مستقل <input type="checkbox"/>
	Attached ملاصق <input checked="" type="checkbox"/>

<b>Building Description</b>	<b>وصف المبنى</b>
No of floors عدد الطوابق	3 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 1 <input type="checkbox"/>

No of entrances عدد المداخل	Open مكشوف <input type="checkbox"/> Covered مسقف <input type="checkbox"/>
-----------------------------	---

No of courtyards عدد الأحواش	Oblong مستطيل <input type="checkbox"/> Square مربع <input type="checkbox"/>
------------------------------	---

No of liwans عدد اللبوانات	السطح <input type="checkbox"/> الطابق الأول <input type="checkbox"/> الطابق الأرضي <input type="checkbox"/>
	Roof First floor Ground floor

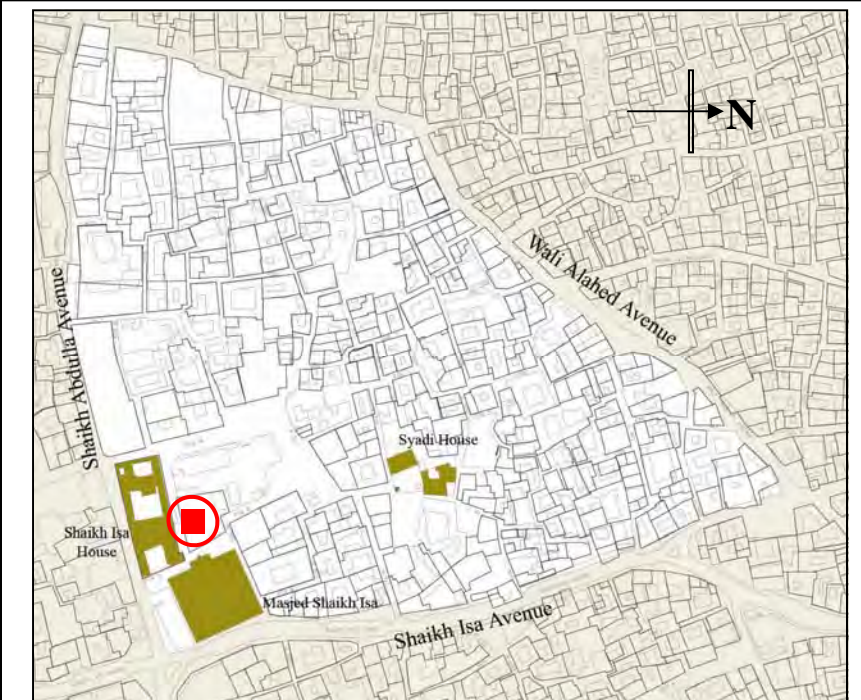
No of staircases عدد السلالم	داخلية <input type="checkbox"/> خارجية مكشوفة <input type="checkbox"/> خارجية مسقفة <input type="checkbox"/>
	Internal External open External covered

No of rooms عدد الحجرات	حجرات غير سكنية <input type="checkbox"/> Habitable rooms حجرات سكنية <input type="checkbox"/>
Other <input type="checkbox"/> Ground floor <input type="checkbox"/> First floor <input type="checkbox"/> Roof <input type="checkbox"/>	الطابق الأرضي <input type="checkbox"/> الطابق الأول <input type="checkbox"/> السطح <input type="checkbox"/>

<b>Window shutters</b>	<b>درفات النوافذ</b>
No. wooden shutter عدد الدرفات الخشبية <input type="checkbox"/>	No. iron shutters عدد الدرفات الحديدية <input type="checkbox"/>
	لا يوجد <input type="checkbox"/> None

<b>Stained glass fanlights</b>	<b>نوافذ ذات زجاج ملون</b>
Number العدد <input type="checkbox"/> None لا يوجد <input type="checkbox"/>	

<b>Balcony railings</b>	<b>درابيزينات الشرفات</b>
No of iron railing عدد الدرابيزينات الحديدية <input type="checkbox"/>	No of wooden railing عدد الدرابيزينات الخشبية <input type="checkbox"/>
	لا يوجد <input type="checkbox"/> None










**Plan of Location** مخطط الموقع

<b>Decorative plaster panels</b>	<b>مسطحات جبسية مزخرفة</b>
No of carved panels عدد المسطحات المنحوتة	السطح <input type="checkbox"/> الطابق الأول <input type="checkbox"/> الطابق الأرضي <input type="checkbox"/>
	Roof First floor Ground floor
No of perforated panels عدد المسطحات المخرمة	السطح <input type="checkbox"/> الطابق الأول <input type="checkbox"/> الطابق الأرضي <input type="checkbox"/>
	Roof First floor Ground floor








<b>Arches ( type used )</b>	<b>الطيطان ( الطراز المستعمل )</b>
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	<b>10</b>








**Parapets ( Select type used )** ستارة السطح ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>


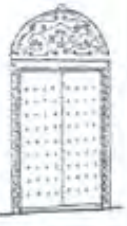
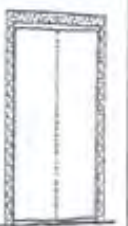


**Incised niches ( type used )** الكوى المزخرفة ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Plain Niches ( type used )** الكوى الغير مزخرفة ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Main entrance door ( design most similar )** الباب الخارجي ( الشكل المشابه لباب المبنى )

				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Threats to building** المخاطر التي تواجه البناء

Horizontal شروخ أفقية	<input type="checkbox"/>	Rising damp	<input type="checkbox"/>
Vertical شروخ عمودية	<input type="checkbox"/>	Leaking roof	<input type="checkbox"/>
Diagonal شروخ مائلة	<input type="checkbox"/>	Damp through walls	<input checked="" type="checkbox"/>
Fungus فطريات	<input type="checkbox"/>	Termites	<input type="checkbox"/>
Others أخرى	<input type="checkbox"/>	Vegetation	<input type="checkbox"/>

**Documentation** الوثائق المتوفرة

مستندات أخرى Other records	منشورات Publications	صور قديمة Old photographs	خرائط Drawings
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Notes & comments** ملاحظات و تعليقات

This is the annex of sheikh Isa house. It was probably built in the same year ( 1869 ). It consists of a two-storey L-shaped block sitting in its own compound. The two-storey part has lost its roof. All the doors and windows have disappeared. It has been stabilized in its present state by the ministry of culture and information.










**References** المصادر










Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	<b>11</b>








**Parapets ( Select type used )** ستارة السطح ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>


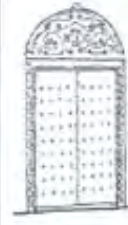



**Incised niches ( type used )** الكوى المزخرفة ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Plain Niches ( type used )** الكوى الغير مزخرفة ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Main entrance door ( design most similar )** الباب الخارجي ( الشكل المشابه لباب المبنى )

				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Threats to building** المخاطر التي تواجه البناء

Horizontal شروخ أفقية <input type="checkbox"/>	Rising damp رطوبة صاعدة <input type="checkbox"/>
Vertical شروخ عمودية <input checked="" type="checkbox"/>	Leaking roof رطوبة متسربة من السطح <input type="checkbox"/>
Diagonal شروخ مائلة <input type="checkbox"/>	Damp through walls رطوبة متسربة عبر الجدار <input checked="" type="checkbox"/>
Fungus فطريات <input type="checkbox"/>	Termites أراضه <input type="checkbox"/>
Others أخرى <input type="checkbox"/>	Vegetation نباتات <input type="checkbox"/>

**Documentation** الوثائق المتوفرة

مستندات أخرى Other records <input type="checkbox"/>	منشورات Publications <input type="checkbox"/>	صور قديمة Old photographs <input type="checkbox"/>	خرائط Drawings <input type="checkbox"/>
--	--	---	--

**Notes & comments** ملاحظات و تعليقات

Partly two-storey house. One of the very few without a parapet wall. Its physical condition is acceptable. There is a staircase to the first floor open to the street. A most curious feature.



References

المصادر

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	12



<b>Building Identity</b>			<b>هوية المبنى</b>							
الفريج Neighbourhood	الشارع Street	رقم المبنى Building number	إسم المبنى الأصلي Original name of building	إسم المبنى الحالي Present name of building	إسم المالك Owner's name	إسم الساكن Occupant's name	تاريخ البناء Date of building	حقيقي Factual	تقريبي Estimated	إسم المسجل Name of recorder
الشيخ عبد الله	917	254				الورثة	1900			Ehsan

<b>Condition of Building</b>	<b>حالة المبنى</b>
Poor <input type="checkbox"/> رديئة <input checked="" type="checkbox"/>	Fair <input type="checkbox"/> متوسطة <input type="checkbox"/>
Good <input type="checkbox"/> جيدة <input type="checkbox"/>	Partially ruined <input type="checkbox"/> مهدمة جزئياً <input type="checkbox"/>
Ruin <input type="checkbox"/> خربة <input type="checkbox"/>	

<b>Historical significance</b>	<b>الأهمية التاريخية</b>
على الصعيد العالمي <input type="checkbox"/>	على الصعيد القطري <input type="checkbox"/>
International	National
	Local <input checked="" type="checkbox"/>
	Specify <input type="checkbox"/> إشرح <input type="checkbox"/>

<b>Ownership</b>	<b>الملكية</b>
وقف <input type="checkbox"/>	ملك خاص <input checked="" type="checkbox"/>
Waqf	Private
	عامة <input type="checkbox"/>
	Public

<b>Secondary use</b>	<b>الإستعمال الثانوي</b>	<b>Primary use</b>	<b>الإستعمال الأساسي</b>
		منزل <input type="checkbox"/>	

<b>Name of builder</b>	<b>إسم البناء</b>	<b>Name of Designer</b>	<b>اسم المصمم</b>

<b>Conservation work</b>	<b>أعمال الترميم</b>
In progress <input type="checkbox"/>	لا يوجد <input checked="" type="checkbox"/>
Complete <input type="checkbox"/>	مزمعة <input type="checkbox"/>
Minor <input type="checkbox"/>	أساسية <input type="checkbox"/>
	Proposed <input type="checkbox"/>
	Major <input type="checkbox"/>

<b>Environment relationship</b>	<b>الموضع</b>
Isolated <input type="checkbox"/>	مستقل <input type="checkbox"/>
Detached <input type="checkbox"/>	ملاصق <input checked="" type="checkbox"/>
Attached <input type="checkbox"/>	

<b>Building Description</b>	<b>وصف المبنى</b>
No of floors	عدد الطوابق
3 <input type="checkbox"/>	2 <input type="checkbox"/>
	1 <input checked="" type="checkbox"/>

No of entrances	عدد المداخل
Open <input type="checkbox"/>	مكتشف <input type="checkbox"/>
	Covered <input type="checkbox"/>
	مسقف <input type="checkbox"/>

No of courtyards	عدد الأحواش
Oblong <input type="checkbox"/>	مستطيل <input type="checkbox"/>
	Square <input type="checkbox"/>
	مربع <input type="checkbox"/>

No of liwans	عدد الليوانات
السطح <input type="checkbox"/>	الطابق الأول <input type="checkbox"/>
Roof	First floor
	Ground floor <input type="checkbox"/>

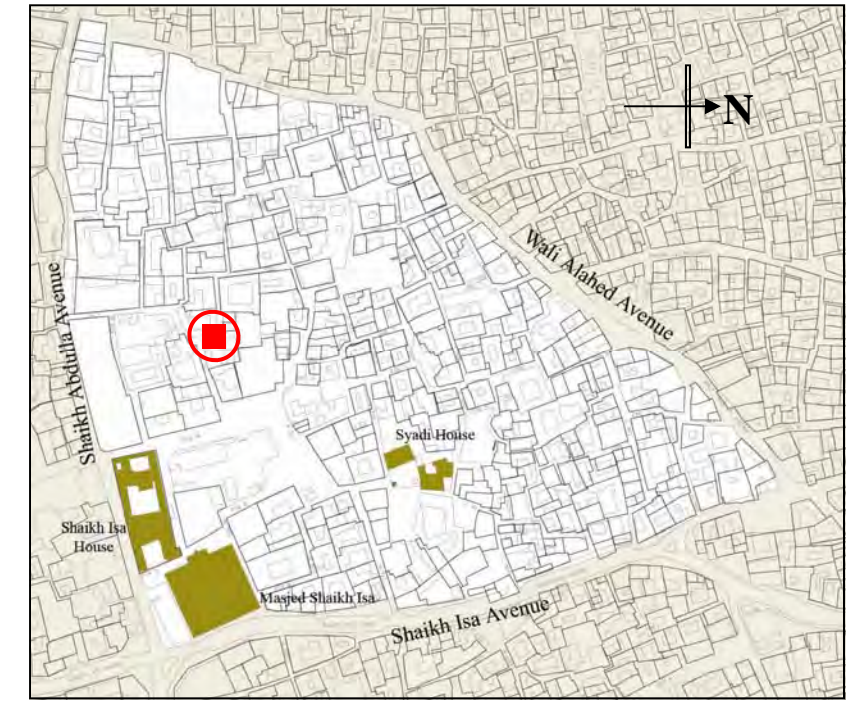
No of staircases	عدد السلالم
داخلية <input type="checkbox"/>	خارجية مكشوفة <input type="checkbox"/>
Internal	External open
	خارجية مسقفة <input type="checkbox"/>
	External covered

No of rooms	عدد الحجرات
Other <input type="checkbox"/>	حجرات غير سكنية <input type="checkbox"/>
	Habitable rooms <input type="checkbox"/>
	حجرات سكنية <input type="checkbox"/>
	Ground floor <input type="checkbox"/>
	الطابق الأرضي <input type="checkbox"/>
	First floor <input type="checkbox"/>
	الطابق الأول <input type="checkbox"/>
	Roof <input type="checkbox"/>
	السطح <input type="checkbox"/>

<b>Window shutters</b>	<b>درفات النوافذ</b>
عدد الدرفات الخشبية <input type="checkbox"/>	عدد الدرفات الحديدية <input type="checkbox"/>
No. wooden shutter	No. iron shutters
	لا يوجد <input type="checkbox"/>
	None

<b>Stained glass fanlights</b>	<b>نوافذ ذات زجاج ملون</b>
Number <input type="checkbox"/>	لا يوجد <input checked="" type="checkbox"/>
العدد	None

<b>Balcony railings</b>	<b>درابزينات الشرفات</b>
عدد الدرابزينات الحديدية <input type="checkbox"/>	عدد الدرابزينات الخشبية <input type="checkbox"/>
No of iron railing	No of wooden railing
	لا يوجد <input checked="" type="checkbox"/>
	None










**Plan of Location** **مخطط الموقع**

<b>Decorative plaster panels</b>	<b>مسطحات جبسية مزخرفة</b>
عدد المسطحات المنقوتة <input type="checkbox"/>	السطح <input type="checkbox"/>
No of carved panels	الطابق الأول <input type="checkbox"/>
Ground floor <input type="checkbox"/>	First floor <input type="checkbox"/>
الطابق الأرضي <input type="checkbox"/>	Roof <input type="checkbox"/>
السطح <input type="checkbox"/>	
عدد المسطحات المخرمة <input type="checkbox"/>	الطابق الأول <input type="checkbox"/>
No of perforated panels	First floor <input type="checkbox"/>
Ground floor <input type="checkbox"/>	Roof <input type="checkbox"/>
الطابق الأرضي <input type="checkbox"/>	








<b>Arches ( type used )</b>	<b>الطيطان ( الطراز المستعمل )</b>
<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	12








**Parapets ( Select type used )** ستارة السطح ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>


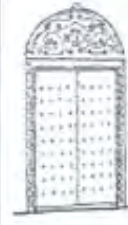



**Incised niches ( type used )** الكوى المزخرفة ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Plain Niches ( type used )** الكوى الغير مزخرفة ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Main entrance door ( design most similar )** الباب الخارجي ( الشكل المشابه لباب المبنى )

				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Threats to building** المخاطر التي تواجه البناء

Horizontal شروخ أفقية <input type="checkbox"/>	Rising damp رطوبة صاعدة <input type="checkbox"/>
Vertical شروخ عمودية <input type="checkbox"/>	Leaking roof رطوبة متسربة من السطح <input type="checkbox"/>
Diagonal شروخ مائلة <input type="checkbox"/>	Damp through walls رطوبة متسربة عبر الجدار <input type="checkbox"/>
Fungus فطريات <input type="checkbox"/>	Termites أراضه <input type="checkbox"/>
Others أخرى <input type="checkbox"/>	Vegetation نباتات <input type="checkbox"/>

**Documentation** الوثائق المتوفرة

مستندات أخرى Other records <input type="checkbox"/>	منشورات Publications <input type="checkbox"/>	صور قديمة Old photographs <input type="checkbox"/>	خرائط Drawings <input type="checkbox"/>
--	--	---	--

**Notes & comments** ملاحظات و تعليقات

This is the mejlis belonging to the house of Ibn Jalal house, across the lane, shown on inventory form no 13, built at the turn of last century. External walls are divided into modules containing large rectangular windows and plain panels. Parapet wall has merlons.



References

المصادر

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	13



<b>Building Identity</b>			<b>هوية المبنى</b>							
الفريج Neighbourhood	الشارع Street	رقم المبنى Building number	إسم المبنى الأصلي Original name of building	إسم المبنى الحالي Present name of building	إسم المالك Owner's name	إسم الساكن Occupant's name	تاريخ البناء Date of building	حقيقي Factual	تقريبي Estimated	إسم المسجل Name of recorder
	ممر 920	383		عبد الرحمن يوسف بن جلال	عبد الرحمن يوسف بن جلال	الورثة	1900			Ehsan

<b>Condition of Building</b>		<b>حالة المبنى</b>	
Poor	رديئة	Fair	متوسطة
Ruin	خرابة	Partially ruined	مهدمة جزئيا
Good	جيدة		
<b>Historical significance</b>		<b>الأهمية التاريخية</b>	
على الصعيد العالمي	على الصعيد القطري	على الصعيد المحلي	
International	National	Local	
<b>Ownership</b>		<b>الملكية</b>	
وقف	ملك خاص	عامة	
Waqf	Private	Public	
<b>Secondary use</b>	الإستعمال الثانوي	<b>Primary use</b>	الإستعمال الأساسي
		منزل	
<b>Name of builder</b>	إسم البناء	<b>Name of Designer</b>	اسم المصمم
<b>Conservation work</b>		<b>أعمال الترميم</b>	
In progress	جارية	None	لا يوجد
Complete	تمت	Proposed	مزمعة
Minor	طفيفة	Major	أساسية
<b>Environment relationship</b>		<b>الموضع</b>	
Isolated	منعزل	Detached	مستقل
		Attached	ملاصق

<b>Building Description</b>		<b>وصف المبنى</b>	
<b>No of floors</b>	عدد الطوابق	3	1
<b>No of entrances</b>	عدد المداخل	Open	مكتشف
<b>No of courtyards</b>	عدد الأحواش	Oblong	مربع
<b>No of liwans</b>	عدد الليوانات	السطح	الطابق الأرضي
<b>No of staircases</b>	عدد السلالم	داخلية	خارجية مسقفة
<b>No of rooms</b>	عدد الحجرات	Other	حجرات سكنية
<b>Window shutters</b>	درفات النوافذ	عدد الدرفات الخشبية	عدد الدرفات الحديدية
<b>Stained glass fanlights</b>	نوافذ ذات زجاج ملون	عدد	لا يوجد
<b>Balcony railings</b>	درابيزينات الشرفات	عدد الدرابيزينات الحديدية	عدد الدرابيزينات الخشبية

<b>Plan of Location</b>		<b>مخطط الموقع</b>	
<b>Decorative plaster panels</b>		<b>مسطحات جبسية مزخرفة</b>	
<b>No of carved panels</b>	عدد المسطحات المنحوتة	السطح	الطابق الأول
<b>No of perforated panels</b>	عدد المسطحات المخرمة	السطح	الطابق الأول
<b>Arches ( type used )</b>		<b>الطيطان ( الطراز المستعمل )</b>	

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	13



**Parapets ( Select type used )** ستارة السطح ( الطراز المستعمل )

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Incised niches ( type used )** الكوى المزخرفة ( الطراز المستعمل )

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Plain Niches ( type used )** الكوى الغير مزخرفة ( الطراز المستعمل )

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**البياب الخارجي ( الشكل المشابه لبياب المبنى )**  
**Main entrance door ( design most similar )**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**المخاطر التي تواجه البناء**  
**Threats to building**

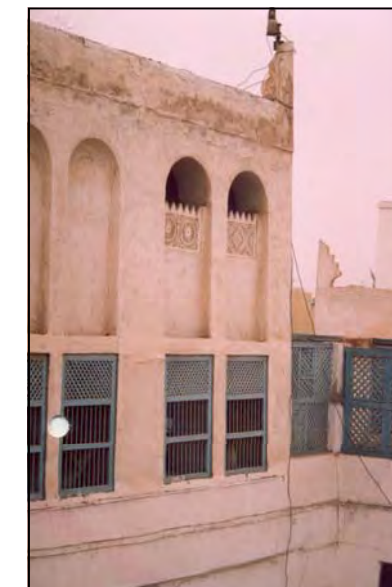
Horizontal شروخ أفقية	<input checked="" type="checkbox"/>	Rising damp رطوبة صاعدة	<input checked="" type="checkbox"/>
Vertical شروخ عمودية	<input checked="" type="checkbox"/>	Leaking roof رطوبة متسربة من السطح	<input type="checkbox"/>
Diagonal شروخ مائلة	<input type="checkbox"/>	Damp through walls رطوبة متسربة عبر الجدار	<input checked="" type="checkbox"/>
Fungus فطريات	<input type="checkbox"/>	Termites أرضه	<input type="checkbox"/>
Others أخرى	<input type="checkbox"/>	Vegetation نباتات	<input type="checkbox"/>

**الوثائق المتوفرة**  
**Documentation**

مستندات أخرى Other records	منشورات Publications	صور قديمة Old photographs	خرائط Drawings
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**ملاحظات و تعليقات**  
**Notes & comments**

Large two-storey house on two adjacent plots. One of the two interconnecting plots has been roofed over. In good physical state. Two staircases one of them occupies an important position in the courtyard. Liwan openings have five stone brackets in the corners.



References المصادر

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	14



<b>Building Identity</b>			<b>هوية المبنى</b>							
الفريج Neighbourhood	الشارع Street	رقم المبنى Building number	إسم المبنى الأصلي Original name of building	إسم المبنى الحالي Present name of building	إسم المالك Owner's name	إسم الساكن Occupant's name	تاريخ البناء Date of building	حقيقي Factual	تقريبي Estimated	إسم المسجل Name of recorder
الشيخ عبد الله	920	373		بيت أسماء	الشيخة حصة آل صباح	حسين بن إبراهيم مطر	1900			Ehsan

<b>Condition of Building</b>	<b>حالة المبنى</b>
Poor <input type="checkbox"/> رديئة <input type="checkbox"/> Ruin <input type="checkbox"/> خربة <input type="checkbox"/>	Fair <input type="checkbox"/> متوسطة <input type="checkbox"/> Partially ruined <input type="checkbox"/> جزئيا مهدمة <input type="checkbox"/>
Good <input checked="" type="checkbox"/> جيدة <input checked="" type="checkbox"/>	

<b>Historical significance</b>	<b>الأهمية التاريخية</b>
على الصعيد العالمي <input type="checkbox"/> International	على الصعيد القطري <input type="checkbox"/> National
	على الصعيد المحلي <input checked="" type="checkbox"/> Local
	إشرح <input type="checkbox"/> Specify <input type="checkbox"/>

<b>Ownership</b>	<b>الملكية</b>
وقف <input type="checkbox"/> Waqf	ملك خاص <input checked="" type="checkbox"/> Private
	عامة <input type="checkbox"/> Public

<b>Secondary use</b>	<b>الإستعمال الثانوي</b>	<b>Primary use</b>	<b>الإستعمال الأساسي</b>

<b>Name of builder</b>	<b>إسم البناء</b>	<b>Name of Designer</b>	<b>اسم المصمم</b>

<b>Conservation work</b>	<b>أعمال الترميم</b>
In progress <input type="checkbox"/> جارية <input type="checkbox"/> Complete <input type="checkbox"/> تمت <input type="checkbox"/> Minor <input type="checkbox"/> طفيفة <input type="checkbox"/>	None <input type="checkbox"/> لا يوجد <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> مزمنة <input type="checkbox"/> Major <input type="checkbox"/> أساسية <input type="checkbox"/>

<b>Environment relationship</b>	<b>الموضع</b>
Isolated <input type="checkbox"/> منعزل <input type="checkbox"/> Detached <input type="checkbox"/> مستقل <input type="checkbox"/> Attached <input checked="" type="checkbox"/> ملاصق <input checked="" type="checkbox"/>	

<b>Building Description</b>	<b>وصف المبنى</b>
<b>No of floors</b>	<b>عدد الطوابق</b>
3 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 1 <input type="checkbox"/>	

<b>No of entrances</b>	<b>عدد المداخل</b>
Open <input type="checkbox"/> مكشوف <input type="checkbox"/> Covered <input type="checkbox"/> مسقف <input checked="" type="checkbox"/>	

<b>No of courtyards</b>	<b>عدد الأحواش</b>
Oblong <input type="checkbox"/> مستطيل <input type="checkbox"/> Square <input checked="" type="checkbox"/> مربع <input checked="" type="checkbox"/>	

<b>No of liwans</b>	<b>عدد الليوانات</b>
السطح <input type="checkbox"/> Roof	الطابق الأول <input type="checkbox"/> First floor
	الطابق الأرضي <input type="checkbox"/> Ground floor

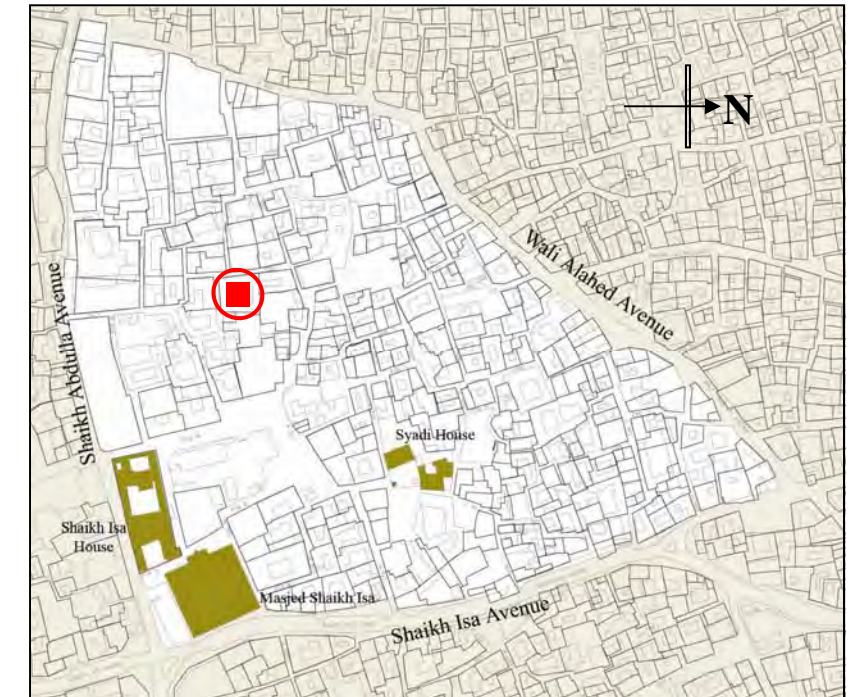
<b>No of staircases</b>	<b>عدد السلالم</b>
داخلية <input type="checkbox"/> Internal	خارجية مكشوفة <input type="checkbox"/> External open
	خارجية مسقفة <input type="checkbox"/> External covered

<b>No of rooms</b>	<b>عدد الحجرات</b>
Other <input type="checkbox"/> حجرات غير سكنية <input type="checkbox"/> Ground floor <input checked="" type="checkbox"/>	Habitable rooms <input type="checkbox"/> حجرات سكنية <input type="checkbox"/> الطابق الأرضي <input type="checkbox"/>
1 <input type="checkbox"/> First floor	1 <input type="checkbox"/> الطابق الأول
Roof <input type="checkbox"/>	السطح <input type="checkbox"/>

<b>Window shutters</b>	<b>درفات النوافذ</b>
عدد الدرفات الخشبية <input checked="" type="checkbox"/> No. wooden shutter	عدد الدرفات الحديدية <input type="checkbox"/> No. iron shutters
	لا يوجد <input type="checkbox"/> None

<b>Stained glass fanlights</b>	<b>نوافذ ذات زجاج ملون</b>
Number <input type="checkbox"/> العدد <input type="checkbox"/> None <input type="checkbox"/>	لا يوجد <input type="checkbox"/> None

<b>Balcony railings</b>	<b>درابيزينات الشرفات</b>
عدد الدرابيزينات الحديدية <input type="checkbox"/> No of iron railing	عدد الدرابيزينات الخشبية <input checked="" type="checkbox"/> No of wooden railing
	لا يوجد <input type="checkbox"/> None










**Plan of Location** **مخطط الموقع**

<b>Decorative plaster panels</b>	<b>مسطحات جبسية مزخرفة</b>
عدد المسطحات المنحوتة <input type="checkbox"/> No of carved panels	الطابق الأرضي <input type="checkbox"/> Ground floor
	الطابق الأول <input type="checkbox"/> First floor
	السطح <input type="checkbox"/> Roof
عدد المسطحات المخرمة <input type="checkbox"/> No of perforated panels	الطابق الأرضي <input type="checkbox"/> Ground floor
	الطابق الأول <input type="checkbox"/> First floor
	السطح <input type="checkbox"/> Roof








<b>Arches ( type used )</b>	<b>الطيطان ( الطراز المستعمل )</b>
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	14








**Parapets ( Select type used )** ستارة السطح ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>


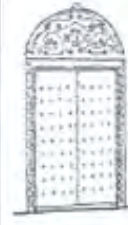



**Incised niches ( type used )** الكوى المزخرفة ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Plain Niches ( type used )** الكوى الغير مزخرفة ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Main entrance door ( design most similar )** الباب الخارجي ( الشكل المشابه لباب المبنى )

				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Threats to building** المخاطر التي تواجه البناء

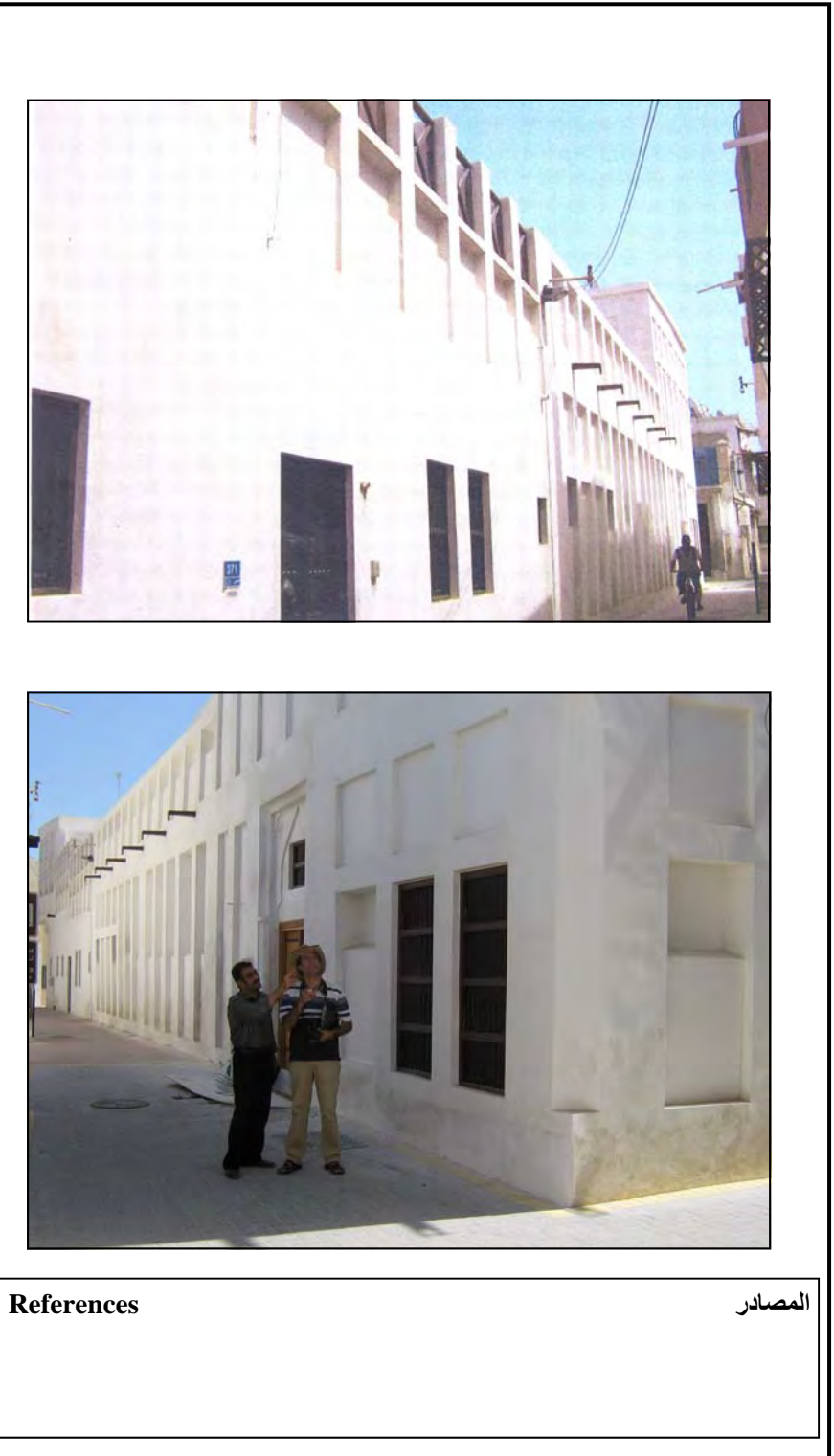
Horizontal شروخ أفقية <input type="checkbox"/>	Rising damp رطوبة صاعدة <input type="checkbox"/>
Vertical شروخ عمودية <input type="checkbox"/>	Leaking roof رطوبة متسربة من السطح <input type="checkbox"/>
Diagonal شروخ مائلة <input type="checkbox"/>	Damp through walls رطوبة متسربة عبر الجدار <input type="checkbox"/>
Fungus فطريات <input type="checkbox"/>	Termites أراضه <input type="checkbox"/>
Others أخرى <input type="checkbox"/>	Vegetation نباتات <input type="checkbox"/>

**Documentation** الوثائق المتوفرة

مستندات أخرى Other records <input type="checkbox"/>	منشورات Publications <input type="checkbox"/>	صور قديمة Old photographs <input type="checkbox"/>	خرائط Drawings <input type="checkbox"/>
--	--	---	--

**Notes & comments** ملاحظات و تعليقات

Two-storey house with covered entrance hall and one oblong courtyard. There are 5 rooms on the ground floor and one on the top floor. The building is currently under renovation to a very high degree of finish and is equipped with deluxe equipments and furniture.



Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	15



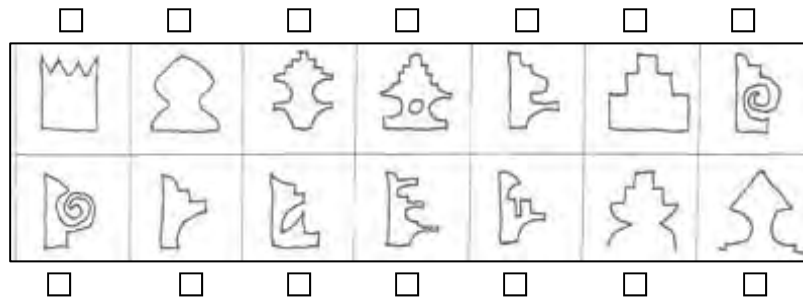
<b>Building Identity</b>			<b>هوية المبنى</b>							
الفريج Neighbourhood	الشارع Street	رقم المبنى Building number	اسم المبنى الأصلي Original name of building	اسم المبنى الحالي Present name of building	اسم المالك Owner's name	اسم الساكن Occupant's name	تاريخ البناء Date of building	حقيقي Factual	تقريبي Estimated	اسم المسجل Name of recorder
الشيخ عبد الله	920	371	حسين بن ابراهيم مطر	بيت أسماء	الشيخ أحمد الصباح		1900			Ehsan

<b>Condition of Building</b>		<b>حالة المبنى</b>	
Poor <input type="checkbox"/>	Fair <input type="checkbox"/>	Good <input checked="" type="checkbox"/>	
Ruin <input type="checkbox"/>	Partially ruined <input type="checkbox"/>		
<b>Historical significance</b>		<b>الأهمية التاريخية</b>	
International <input type="checkbox"/>	National <input type="checkbox"/>	Local <input checked="" type="checkbox"/>	
		Specify <input type="checkbox"/> شرح <input type="checkbox"/>	
<b>Ownership</b>		<b>الملكية</b>	
Waqf <input type="checkbox"/>	Private <input checked="" type="checkbox"/>	Public <input type="checkbox"/>	
<b>Secondary use</b>	<b>الإستعمال الثانوي</b>	<b>Primary use</b>	<b>الإستعمال الأساسي</b>
		منزل	
<b>Name of builder</b>	<b>اسم البناء</b>	<b>Name of Designer</b>	<b>اسم المصمم</b>
<b>Conservation work</b>		<b>أعمال الترميم</b>	
In progress <input type="checkbox"/>	Complete <input type="checkbox"/>	Proposed <input type="checkbox"/>	Major <input checked="" type="checkbox"/>
Minor <input type="checkbox"/>	طفيفة <input type="checkbox"/>		
<b>Environment relationship</b>		<b>الموضع</b>	
Isolated <input type="checkbox"/>	Detached <input type="checkbox"/>	Attached <input checked="" type="checkbox"/>	

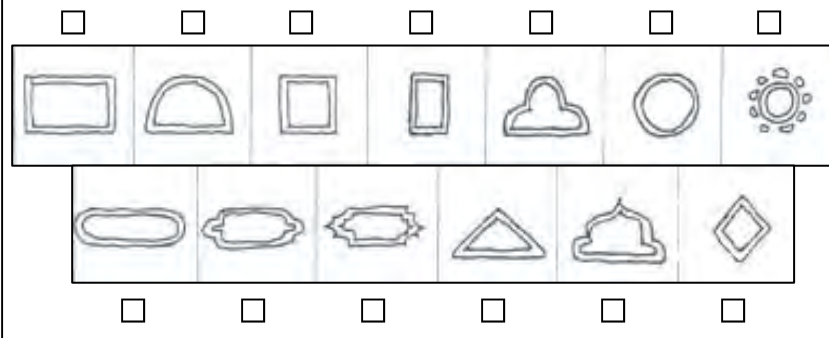
<b>Building Description</b>		<b>وصف المبنى</b>	
No of floors	عدد الطوابق	3 <input type="checkbox"/>	2 <input checked="" type="checkbox"/>
No of entrances	عدد المداخل	Open <input type="checkbox"/>	Covered <input type="checkbox"/>
No of courtyards	عدد الأحواش	Oblong <input type="checkbox"/>	Square <input type="checkbox"/>
No of liwans	عدد الليوانات	السطح <input type="checkbox"/>	الطابق الأرضي <input type="checkbox"/>
No of staircases	عدد السلالم	داخلية <input type="checkbox"/>	خارجية مسقفة <input type="checkbox"/>
No of rooms	عدد الحجرات	Other <input type="checkbox"/>	Habitable rooms <input type="checkbox"/>
Ground floor <input type="checkbox"/>	حجرات غير سكنية <input type="checkbox"/>	الطابق الأرضي <input type="checkbox"/>	حجرات سكنية <input type="checkbox"/>
First floor <input type="checkbox"/>	Ground floor <input type="checkbox"/>	الطابق الأول <input type="checkbox"/>	الطابق الأول <input type="checkbox"/>
Roof <input type="checkbox"/>	Roof <input type="checkbox"/>	السطح <input type="checkbox"/>	السطح <input type="checkbox"/>
<b>Window shutters</b>	<b>درفات النوافذ</b>	No. wooden shutter <input type="checkbox"/>	No. iron shutters <input type="checkbox"/>
<b>Stained glass fanlights</b>	<b>نوافذ ذات زجاج ملون</b>	Number <input type="checkbox"/>	None <input type="checkbox"/>
<b>Balcony railings</b>	<b>درابيزينات الشرفات</b>	No of iron railing <input type="checkbox"/>	No of wooden railing <input type="checkbox"/>

<b>Plan of Location</b>		<b>مخطط الموقع</b>	
<b>Decorative plaster panels</b>		<b>مسطحات جبسية مزخرفة</b>	
No of carved panels	عدد المسطحات المنحوتة	Ground floor <input type="checkbox"/>	First floor <input type="checkbox"/>
No of perforated panels	عدد المسطحات المخرمة	Ground floor <input type="checkbox"/>	First floor <input type="checkbox"/>
<b>Arches ( type used )</b>		<b>الطيران ( الطراز المستعمل )</b>	
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	

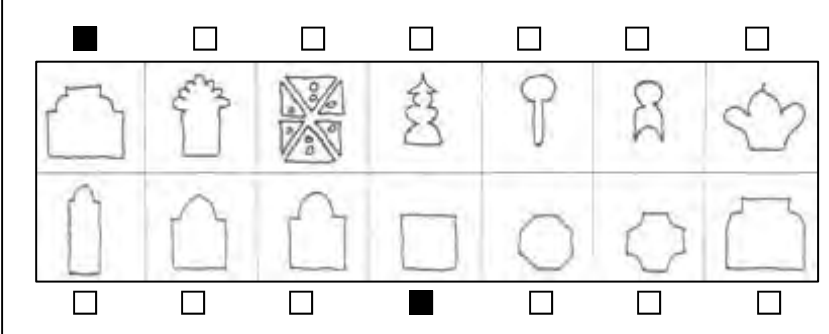
ستارة السطح ( الطراز المستعمل ) Parapets ( Select type used )



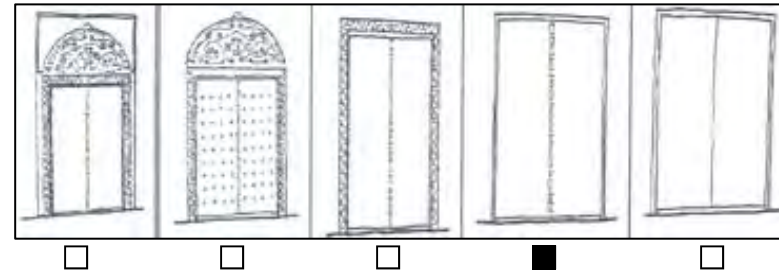
الكوى المزخرفة ( الطراز المستعمل ) Incised niches ( type used )



الكوى الغير مزخرفة ( الطراز المستعمل ) Plain Niches ( type used )



الباب الخارجي ( الشكل المشابه لباب المبنى ) Main entrance door ( design most similar )



المخاطر التي تواجه البناء Threats to building

- |            |             |                    |                         |
|------------|-------------|--------------------|-------------------------|
| Horizontal | شروخ أفقية  | Rising damp        | رطوبة صاعدة             |
| Vertical   | شروخ عمودية | Leaking roof       | رطوبة متسربة من السطح   |
| Diagonal   | شروخ مائلة  | Damp through walls | رطوبة متسربة عبر الجدار |
| Fungus     | فطريات      | Termites           | أرضه                    |
| Others     | أخرى        | Vegetation         | نباتات                  |

الوثائق المتوفرة Documentation

مستندات أخرى Other records	منشورات Publications	صور قديمة Old photographs	خرائط Drawings
-------------------------------	-------------------------	------------------------------	-------------------

ملاحظات و تعليقات Notes & comments

Two-storey Large house with square courtyard. There are 5 rooms on the ground floor and 6 on the top floor. It has been restored using high quality materials and workmanship.



المصادر References

المصادر

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	16



<b>Building Identity</b>										<b>هوية المبنى</b>	
Neighbourhood	الشارع	رقم المبنى	اسم المبنى الأصلي	اسم المبنى الحالي	اسم المالك	اسم الساكن	تاريخ البناء	حقيقي	تقريبي	اسم المسجل	
AL KHARU	920	376								Ehsan	

<b>Condition of Building</b>		<b>حالة المبنى</b>	
Poor	ردينة	Fair	متوسطة
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Ruin	خربة	Partially ruined	مهدمة جزئيا
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>Historical significance</b>		<b>الأهمية التاريخية</b>	
على الصعيد العالمي	على الصعيد القطري	على الصعيد المحلي	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
International	National	Local	
		Specify	إشرح

<b>Ownership</b>		<b>الملكية</b>	
وقف	ملك خاص	عامة	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Waqf	Private	Public	

<b>Secondary use</b>	الإستعمال الثانوي	<b>Primary use</b>	الإستعمال الأساسي
		Vacant	

<b>Name of builder</b>	إسم البناء	<b>Name of Designer</b>	اسم المصمم

<b>Conservation work</b>		<b>أعمال الترميم</b>	
In progress	جارية	None	لا يوجد
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Complete	تمت	Proposed	مزمعة
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Minor	طفيفة	Major	أساسية
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>Environment relationship</b>		<b>الموضع</b>	
Isolated	منعزل	Detached	مستقل
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Attached	ملاصق
		<input checked="" type="checkbox"/>	<input type="checkbox"/>

<b>Building Description</b>		<b>وصف المبنى</b>	
No of floors	عدد الطوابق	3	1
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No of entrances	عدد المداخل	Open	مكتشف	Covered	مسقف
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

No of courtyards	عدد الأحواش	Oblong	مستطيل	Square	مربع
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

No of liwans	عدد الليوانات	السطح	الطابق الأول	الطابق الأرضي
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Roof	First floor	Ground floor

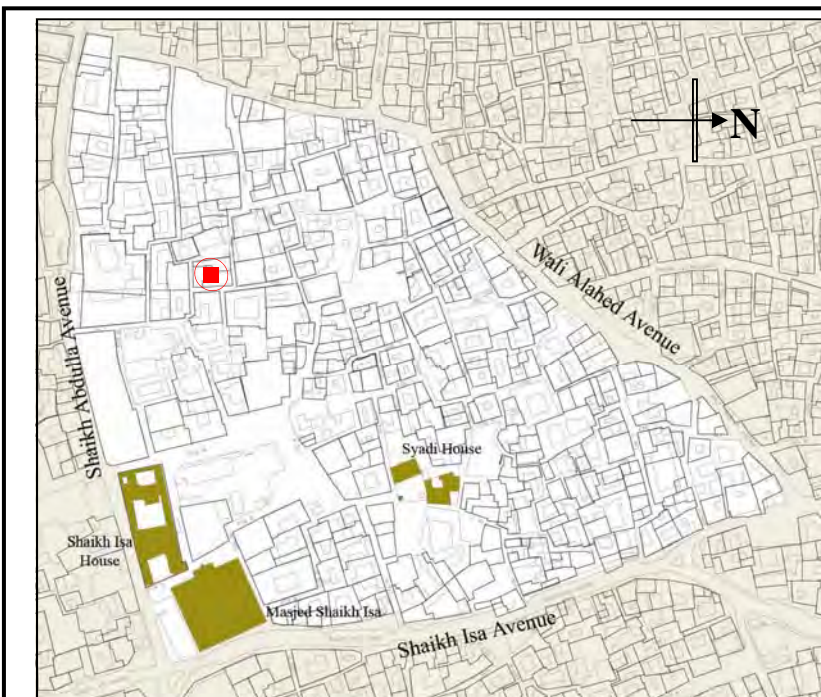
No of staircases	عدد السلالم	داخلية	خارجية مكشوفة	خارجية مسقفة
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Internal	External open	External covered

No of rooms	عدد الحجرات	Other	حجرات غير سكنية	Habitable rooms	حجرات سكنية
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Ground floor		الطابق الأرضي	
		<input type="checkbox"/>		<input type="checkbox"/>	
		First floor		الطابق الأول	
		<input type="checkbox"/>		<input type="checkbox"/>	
		Roof		السطح	
		<input type="checkbox"/>		<input type="checkbox"/>	

Window shutters	درفات النوافذ	عدد الدرفات الخشبية	عدد الدرفات الحديدية	لا يوجد
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		No. wooden shutter	No. iron shutters	None

Stained glass fanlights	نوافذ ذات زجاج ملون	عدد	لا يوجد
		<input type="checkbox"/>	<input type="checkbox"/>
		Number	None

Balcony railings	درايبزينات الشرفات	عدد الدرايبزينات الحديدية	عدد الدرايبزينات الخشبية	لا يوجد
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		No of iron railing	No of wooden railing	None










<b>Plan of Location</b>		<b>مخطط الموقع</b>	
<b>Decorative plaster panels</b>		<b>مسطحات جبسية مزخرفة</b>	
عدد المسطحات المنحوتة	الطابق الأرضي	الطابق الأول	السطح
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
No of carved panels	Ground floor	First floor	Roof
عدد المسطحات المخرمة	الطابق الأرضي	الطابق الأول	السطح
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
No of perforated panels	Ground floor	First floor	Roof








<b>Arches ( type used )</b>		<b>الطابقان ( الطراز المستعمل )</b>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	<b>16</b>








**Parapets ( Select type used )** ستارة السطح ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>


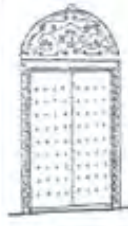



**Incised niches ( type used )** الكوى المزخرفة ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Plain Niches ( type used )** الكوى الغير مزخرفة ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Main entrance door ( design most similar )** الباب الخارجي ( الشكل المشابه لباب المبنى )

				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Threats to building** المخاطر التي تواجه البناء

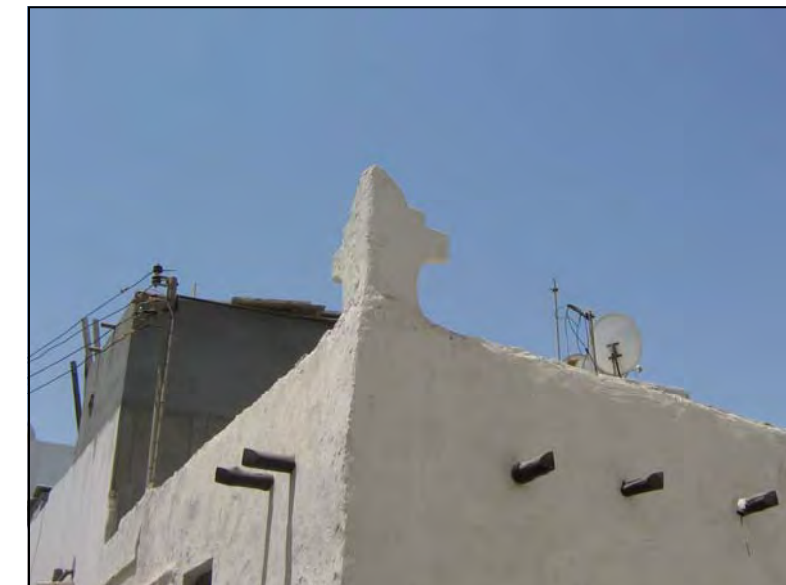
Horizontal شروخ أفقية <input type="checkbox"/>	Rising damp رطوبة صاعدة <input type="checkbox"/>
Vertical شروخ عمودية <input type="checkbox"/>	Leaking roof رطوبة متسربة من السطح <input type="checkbox"/>
Diagonal شروخ مائلة <input type="checkbox"/>	Damp through walls رطوبة متسربة عبر الجدار <input type="checkbox"/>
Fungus فطريات <input type="checkbox"/>	Termites أرضه <input type="checkbox"/>
Others أخرى <input type="checkbox"/>	Vegetation نباتات <input type="checkbox"/>

**Documentation** الوثائق المتوفرة

مستندات أخرى Other records <input type="checkbox"/>	منشورات Publications <input type="checkbox"/>	صور قديمة Old photographs <input type="checkbox"/>	خرائط Drawings <input type="checkbox"/>
--	--	---	--

**Notes & comments** ملاحظات و تعليقات

The only house with a collapsed roof. It stands between the well-restored house described on form no 14 and the children's library under construction by the department of Culture and Heritage.



References

المصادر

**Capacity-Building for Enhancement Of Urban Governance: Stage 2**  
**URBAN DESIGN PROJECTS FOR TRADITIONAL AREAS IN BAHRAIN**  
**جرد المباني التراثية في البحرين ( المحرق مجمع 209 )**  
**INVENTORY OF HERITAGE BUILDINGS IN BAHRAIN ( MUHARRAQ block 209 )**

الفريج Neighbourhood	الشارع Street	رقم المبنى Building number	إسم المبنى الأصلي Original name of building	إسم المبنى الحالي Present name of building	إسم المالك Owner's name	إسم الساكن Occupant's name	تاريخ البناء Date of building	حقيقي Factual	تقريبي Estimated	إسم المسجل Name of recorder
AL KHARU	918	268								QAMAR

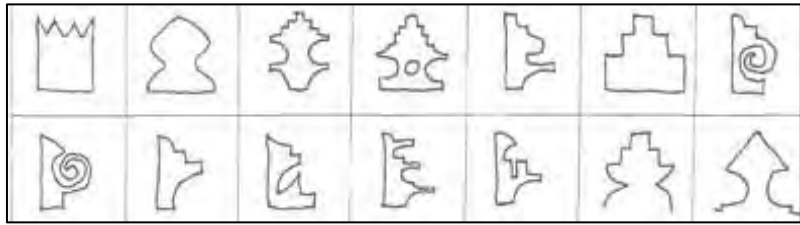
Poor	رديفة <input type="checkbox"/>	Fair	متوسطة <input type="checkbox"/>	Good <input checked="" type="checkbox"/>
	Ruin خربة		Partially ruined	جيدة <input checked="" type="checkbox"/>
				مهدمة جزئيا

<b>Historical significance</b>	<b>الأهمية التاريخية</b>	
على الصعيد العالمي International	على الصعيد القطري National	على الصعيد المحلي Local


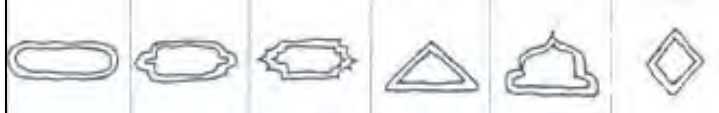
<b>Name of builder</b>	<b>إسم البناء</b>	<b>Name of Designer</b>	<b>اسم المصمم</b>

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	17

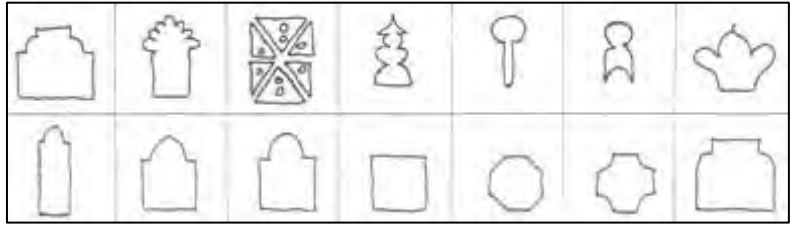
**Parapets ( Select type used )** (ستارة السطح ( الطراز المستعمل )



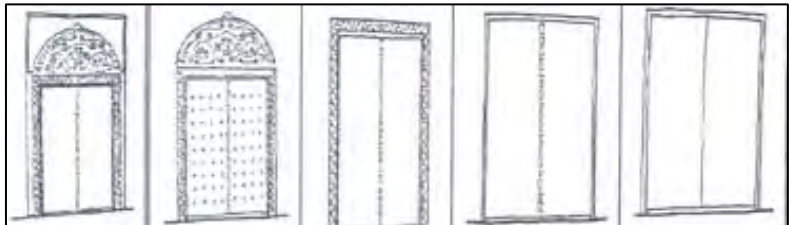
**Incised niches ( type used )** (الكوى المزخرفة ( الطراز المستعمل )

**Plain Niches ( type used )** (الكوى الغير مزخرفة ( الطراز المستعمل )



**Main entrance door ( design most similar )** (الباب الخارجي ( الشكل المشابه لباب المبنى )



**Threats to building** (المخاطر التي تواجه البناء)

Horizontal شروخ أفقية <input type="checkbox"/>	Rising damp رطوبة صاعدة <input type="checkbox"/>
Vertical شروخ عمودية <input type="checkbox"/>	Leaking roof رطوبة متسربة من السطح <input type="checkbox"/>
Diagonal شروخ مائلة <input type="checkbox"/>	Damp through walls رطوبة متسربة عبر الجدار <input type="checkbox"/>
Fungus فطريات <input type="checkbox"/>	Termites أرضه <input type="checkbox"/>
Others أخرى <input type="checkbox"/>	Vegetation نباتات <input type="checkbox"/>

**Documentation** (الوثائق المتوفرة)

مستندات أخرى Other records	منشورات Publications	صور قديمة Old photographs	خرائط Drawings
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Notes & comments** (ملاحظات و تعليقات)

Two-storey house in good condition. Has a covered entrance lobby and a wide shallow courtyard.



References

المصادر

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	18



### Building Identity

### هوية المبنى

الفريج Neighbourhood	الشارع Street	رقم المبنى Building number	اسم المبنى الأصلي Original name of building	اسم المبنى الحالي Present name of building	اسم المالك Owner's name	اسم الساكن Occupant's name	تاريخ البناء Date of building	حقيقي Factual	تقريبي Estimated	اسم المسجل Name of recorder
ALSHAKH	919	300								QAMAR

### Condition of Building

### حالة المبنى

Poor  رديئة  Fair  متوسطة  Good  جيدة   
 Ruin  خربة  Partially ruined  مهتمة جزئيا

### Historical significance

### الأهمية التاريخية

على الصعيد العالمي  International  
 على الصعيد القطري  National  
 على الصعيد المحلي  Local

Specify  شرح

### Ownership

### الملكية

وقف  Waqf  
 ملك خاص  Private  
 عامة  Public

### Secondary use

### الإستعمال الثانوي

### Primary use

### الإستعمال الأساسي

Residence

### Name of builder

### إسم البناء

### Name of Designer

### اسم المصمم

### Conservation work

### أعمال الترميم

In progress  جارية  None  لا يوجد   
 Complete  تمت  Proposed  مزعومة   
 Minor  طفيفة  Major  أساسية

### Environment relationship

### الموضع

Isolated  منعزل  Detached  مستقل  Attached  ملاصق

### Building Description

### وصف المبنى

No of floors  3  2  1

No of entrances  Open  مكشوف  Covered  مسقف

No of courtyards  Oblong  مستطيل  Square  مربع

No of liwans  السطح  الطابق الأول  الطابق الأرضي   
 Roof First floor Ground floor

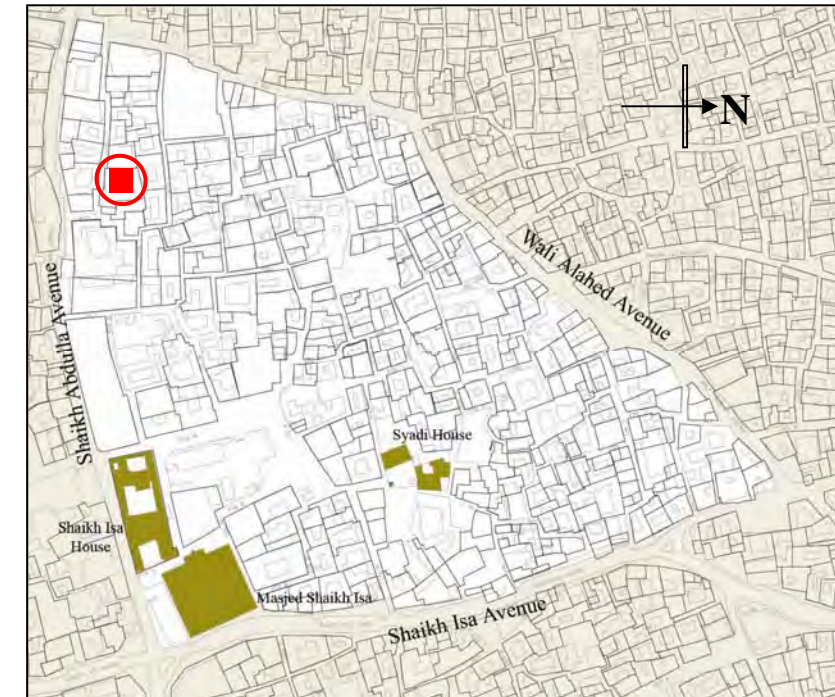
No of staircases  داخلية  خارجية مكشوفة  خارجية مسقفة   
 Internal External open External covered

No of rooms  Other  حجرات غير سكنية  Habitable rooms  حجرات سكنية  
 Ground floor  الطابق الأرضي  
 First floor  الطابق الأول  
 Roof  السطح

Window shutters  عدد الدرفلات الخشبية  عدد الدرفلات الحديدية  لا يوجد   
 No. wooden shutter No. iron shutters None

Stained glass fanlights  Number  العدد  None  لا يوجد

Balcony railings  عدد الدرابيزينات الحديدية  عدد الدرابيزينات الخشبية  لا يوجد   
 No of iron railing No of wooden railing None



### Plan of Location

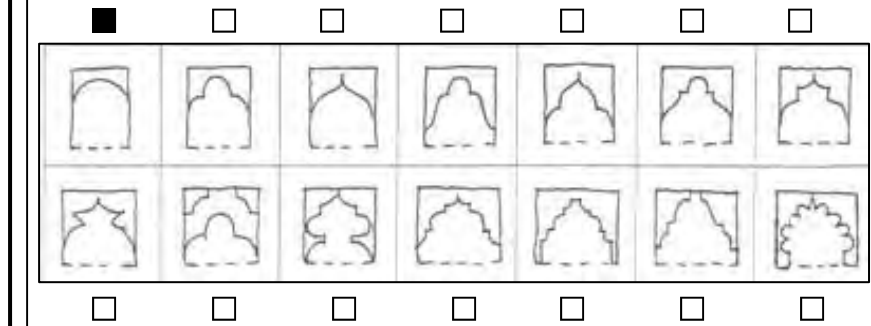
### مخطط الموقع

Decorative plaster panels  السطح  الطابق الأول  الطابق الأرضي   
 No of carved panels  Ground floor  First floor  Roof

No of perforated panels  السطح  الطابق الأول  الطابق الأرضي   
 No of perforated panels  Ground floor  First floor  Roof















### Arches ( type used )

### الطيران ( الطراز المستعمل )

















Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	<b>18</b>















**Parapets ( Select type used )** ستارة السطح ( الطراز المستعمل )


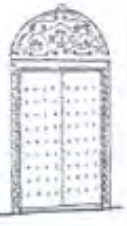
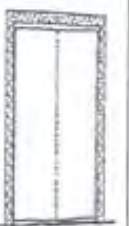


**Incised niches ( type used )** الكوى المزخرفة ( الطراز المستعمل )

**Plain Niches ( type used )** الكوى الغير مزخرفة ( الطراز المستعمل )

**Main entrance door ( design most similar )** الباب الخارجي ( الشكل المشابه لباب المبنى )

				
---	---	---	---	---

**Threats to building** المخاطر التي تواجه البناء

Horizontal شروخ أفقية <input type="checkbox"/>	Rising damp رطوبة صاعدة <input type="checkbox"/>
Vertical شروخ عمودية <input type="checkbox"/>	Leaking roof رطوبة متسربة من السطح <input type="checkbox"/>
Diagonal شروخ مائلة <input type="checkbox"/>	Damp through walls رطوبة متسربة عبر الجدار <input type="checkbox"/>
Fungus فطريات <input type="checkbox"/>	Termites أرضه <input type="checkbox"/>
Others أخرى <input type="checkbox"/>	Vegetation نباتات <input type="checkbox"/>

**Documentation** الوثائق المتوفرة

مستندات أخرى Other records <input type="checkbox"/>	منشورات Publications <input type="checkbox"/>	صور قديمة Old photographs <input type="checkbox"/>	خرائط Drawings <input type="checkbox"/>
--	--	---	--

**Notes & comments** ملاحظات و تعليقات

Large two-storey house in need of maintenance. Has one square courtyard with a large tree.



**References** المصادر

Capacity-Building for Enhancement Of Urban Governance: Stage 2  
URBAN DESIGN PROJECTS FOR TRADITIONAL AREAS IN BAHRAIN  
جدد المباني التراثية في البحرين ( المحرق مجمع 209 )  
INVENTORY OF HERITAGE BUILDINGS IN BAHRAIN ( MUHARRAQ block 209 )

رقم المبنى  
Building number

تاريخ البناء  
Date of building

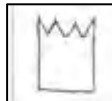



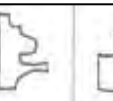
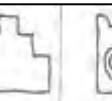





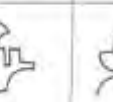


حقيقي  
Factual

تقريبي  
Estimated



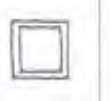










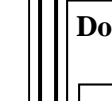
اسم المسجل  
Name of recorder

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	<b>19</b>

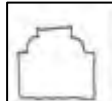

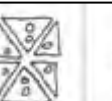
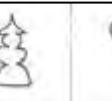

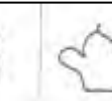
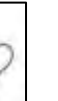
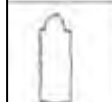


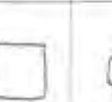



**Parapets ( Select type used )** ( ستارة السطح ( الطراز المستعمل )

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



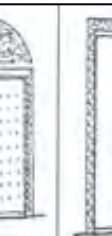
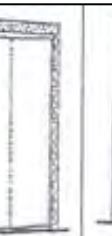


**Incised niches ( type used )** ( الكوى المزخرفة ( الطراز المستعمل )

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Plain Niches ( type used )** ( الكوى الغير مزخرفة ( الطراز المستعمل )

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Main entrance door ( design most similar )** ( الباب الخارجي ( الشكل المشابه لباب المبنى )

					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Threats to building** ( المخاطر التي تواجه البناء )

Horizontal شروخ أفقية <input type="checkbox"/>	Rising damp رطوبة صاعدة <input type="checkbox"/>
Vertical شروخ عمودية <input type="checkbox"/>	Leaking roof رطوبة متسربة من السطح <input type="checkbox"/>
Diagonal شروخ مائلة <input type="checkbox"/>	Damp through walls رطوبة متسربة عبر الجدار <input type="checkbox"/>
Fungus فطريات <input type="checkbox"/>	Termites أراضه <input type="checkbox"/>
Others أخرى <input type="checkbox"/>	Vegetation نباتات <input type="checkbox"/>

**Documentation** ( الوثائق المتوفرة )

مستندات أخرى Other records <input type="checkbox"/>	منشورات Publications <input type="checkbox"/>	صور قديمة Old photographs <input type="checkbox"/>	خرائط Drawings <input type="checkbox"/>
--	--	---	--

**Notes & comments** ( ملاحظات و تعليقات )

A historically important house, it was the residence of one of Bahrain's prominent journalists. It is now open to the public as a journalism museum.



**References** ( المصادر )

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	20



<b>Building Identity</b>			<b>هوية المبنى</b>							
الفريج Neighbourhood	الشارع Street	رقم المبنى Building number	اسم المبنى الأصلي Original name of building	اسم المبنى الحالي Present name of building	اسم المالك Owner's name	اسم الساكن Occupant's name	تاريخ البناء Date of building	حقيقي Factual	تقريبي Estimated	اسم المسجل Name of recorder
ALSHAKH	934	757			Jaber Mohammed Sattar	Not occupied				QAMAR

<b>Condition of Building</b>	<b>حالة المبنى</b>
Poor <input type="checkbox"/>	جيدة <input type="checkbox"/>
Ruin <input type="checkbox"/>	مهدمة جزئياً <input type="checkbox"/>
Fair <input type="checkbox"/>	متوسطة <input checked="" type="checkbox"/>
Partially ruined <input type="checkbox"/>	مهدمة جزئياً <input type="checkbox"/>

<b>Historical significance</b>	<b>الأهمية التاريخية</b>
على الصعيد العالمي <input type="checkbox"/>	على الصعيد المحلي <input checked="" type="checkbox"/>
International	Local
على الصعيد القطري <input type="checkbox"/>	على الصعيد الوطني <input type="checkbox"/>
National	National
Specify <input type="checkbox"/> / شرح <input type="checkbox"/>	

<b>Ownership</b>	<b>الملكية</b>
وقف <input type="checkbox"/>	عامة <input type="checkbox"/>
Waqf	Public
ملك خاص <input checked="" type="checkbox"/>	ملك خاص <input checked="" type="checkbox"/>
Private	Private

<b>Secondary use</b>	<b>الإستعمال الثانوي</b>	<b>Primary use</b>	<b>الإستعمال الأساسي</b>
		Vacant	

<b>Name of builder</b>	<b>اسم المصمم</b>	<b>Name of Designer</b>	<b>اسم المصمم</b>

<b>Conservation work</b>	<b>أعمال الترميم</b>
In progress <input type="checkbox"/>	لا يوجد <input checked="" type="checkbox"/>
Complete <input type="checkbox"/>	مزمعة <input type="checkbox"/>
Minor <input type="checkbox"/>	أساسية <input type="checkbox"/>
جارية <input type="checkbox"/>	لا يوجد <input checked="" type="checkbox"/>
تمت <input type="checkbox"/>	مزمعة <input type="checkbox"/>
طفيفة <input type="checkbox"/>	أساسية <input type="checkbox"/>

<b>Environment relationship</b>	<b>الموضع</b>
Isolated <input type="checkbox"/>	ملاصق <input checked="" type="checkbox"/>
منعزل <input type="checkbox"/>	ملاصق <input checked="" type="checkbox"/>
Detached <input type="checkbox"/>	ملاصق <input checked="" type="checkbox"/>
مستقل <input type="checkbox"/>	ملاصق <input checked="" type="checkbox"/>
Attached <input checked="" type="checkbox"/>	ملاصق <input checked="" type="checkbox"/>

<b>Building Description</b>	<b>وصف المبنى</b>
No of floors	عدد الطوابق
3 <input type="checkbox"/>	1 <input type="checkbox"/>
2 <input checked="" type="checkbox"/>	2 <input checked="" type="checkbox"/>

No of entrances	عدد المداخل
Open <input type="checkbox"/>	مسقف <input type="checkbox"/>
مكتشف <input type="checkbox"/>	مكتشف <input type="checkbox"/>
Covered <input type="checkbox"/>	Covered <input type="checkbox"/>

No of courtyards	عدد الأحواش
Oblong <input type="checkbox"/>	مربع <input type="checkbox"/>
مستطيل <input type="checkbox"/>	مربع <input type="checkbox"/>
Square <input type="checkbox"/>	Square <input type="checkbox"/>

No of liwans	عدد الليوانات
السطح <input type="checkbox"/>	الطابق الأرضي <input type="checkbox"/>
Roof	Ground floor
الطابق الأول <input type="checkbox"/>	الطابق الأول <input type="checkbox"/>
First floor	First floor

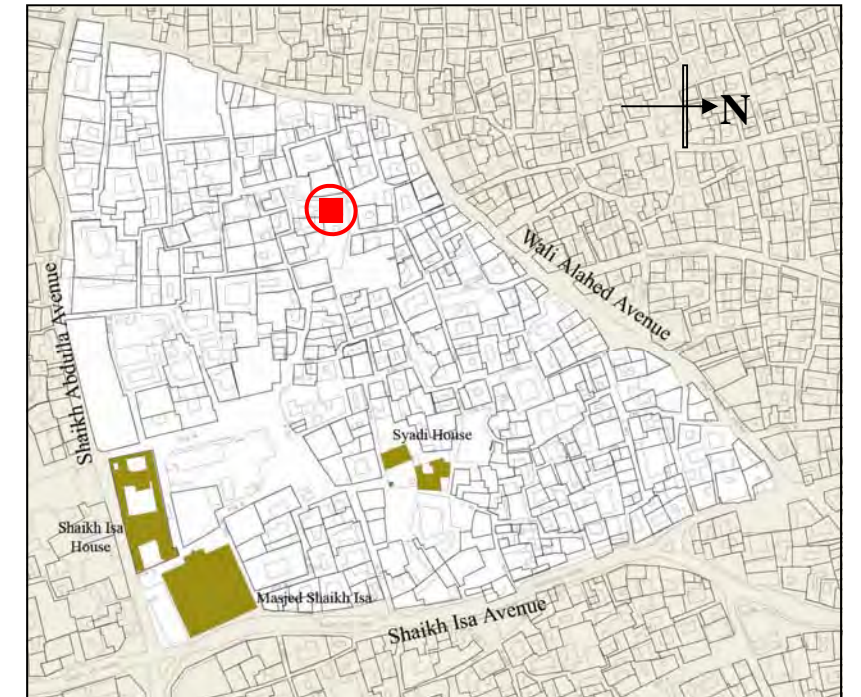
No of staircases	عدد السلالم
داخلية <input type="checkbox"/>	خارجية مسقفة <input type="checkbox"/>
Internal	External covered
خارجية مكشوفة <input type="checkbox"/>	خارجية مكشوفة <input type="checkbox"/>
External open	External open

No of rooms	عدد الحجرات
Other <input type="checkbox"/>	حجرات سكنية <input type="checkbox"/>
حجرات غير سكنية <input type="checkbox"/>	حجرات سكنية <input type="checkbox"/>
Ground floor <input type="checkbox"/>	الطابق الأرضي <input type="checkbox"/>
First floor <input type="checkbox"/>	الطابق الأول <input type="checkbox"/>
Roof <input type="checkbox"/>	السطح <input type="checkbox"/>

Window shutters	درفات النوافذ
عدد الدرفات الخشبية <input type="checkbox"/>	لا يوجد <input type="checkbox"/>
No. wooden shutter	None
عدد الدرفات الحديدية <input type="checkbox"/>	لا يوجد <input type="checkbox"/>
No. iron shutters	None

Stained glass fanlights	نوافذ ذات زجاج ملون
عدد <input type="checkbox"/>	لا يوجد <input type="checkbox"/>
None	None

Balcony railings	درابيزينات الشرفات
عدد الدرابيزينات الحديدية <input type="checkbox"/>	لا يوجد <input type="checkbox"/>
No of iron railing	None
عدد الدرابيزينات الخشبية <input type="checkbox"/>	لا يوجد <input type="checkbox"/>
No of wooden railing	None

















<b>Plan of Location</b>	<b>مخطط الموقع</b>
<b>Decorative plaster panels</b>	<b>مسطحات جبسية مزخرفة</b>
عدد المسطحات المنحوتة <input type="checkbox"/>	السطح <input type="checkbox"/>
No of carved panels	الطابق الأول <input type="checkbox"/>
Ground floor <input type="checkbox"/>	الطابق الأول <input type="checkbox"/>
First floor <input type="checkbox"/>	السطح <input type="checkbox"/>
Roof <input type="checkbox"/>	السطح <input type="checkbox"/>
عدد المسطحات المخرمة <input type="checkbox"/>	السطح <input type="checkbox"/>
No of perforated panels	السطح <input type="checkbox"/>
Ground floor <input type="checkbox"/>	السطح <input type="checkbox"/>
First floor <input type="checkbox"/>	السطح <input type="checkbox"/>
Roof <input type="checkbox"/>	السطح <input type="checkbox"/>







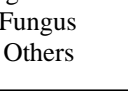


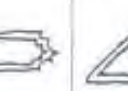


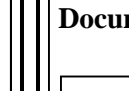
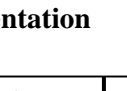
<b>Arches ( type used )</b>	<b>الطابقان ( الطراز المستعمل )</b>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	20






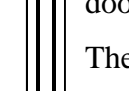
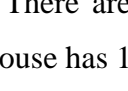

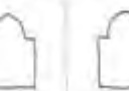
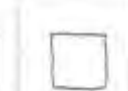


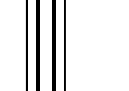

**Parapets ( Select type used )** ستارة السطح ( الطراز المستعمل )


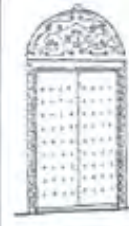



**Incised niches ( type used )** الكوى المزخرفة ( الطراز المستعمل )

**Plain Niches ( type used )** الكوى الغير مزخرفة ( الطراز المستعمل )

**Main entrance door ( design most similar )** الباب الخارجي ( الشكل المشابه لباب المبنى )

				
---	---	---	---	---

**Threats to building** المخاطر التي تواجه البناء

Horizontal شروخ أفقية <input type="checkbox"/>	Rising damp رطوبة صاعدة <input checked="" type="checkbox"/>
Vertical شروخ عمودية <input type="checkbox"/>	Leaking roof رطوبة متسربة من السطح <input type="checkbox"/>
Diagonal شروخ مائلة <input type="checkbox"/>	Damp through walls رطوبة متسربة عبر الجدار <input checked="" type="checkbox"/>
Fungus فطريات <input type="checkbox"/>	Termites أراضه <input type="checkbox"/>
Others أخرى <input type="checkbox"/>	Vegetation نباتات <input type="checkbox"/>

**Documentation** الوثائق المتوفرة

مستندات أخرى Other records <input type="checkbox"/>	منشورات Publications <input type="checkbox"/>	صور قديمة Old photographs <input type="checkbox"/>	خرائط Drawings <input type="checkbox"/>
--	--	---	--

**Notes & comments** ملاحظات و تعليقات

Two-storey house. It has a covered, panelled , wooden entrance door. There are 4 rooms on the ground floor and two above. The house has 10 good semi-circular stained glass windows.



References المصادر

**Capacity-Building for Enhancement Of Urban Governance: Stage 2**  
**URBAN DESIGN PROJECTS FOR TRADITIONAL AREAS IN BAHRAIN**  
**جدد المباني التراثية في البحرين ( المحرق مجمع 209 )**  
**INVENTORY OF HERITAGE BUILDINGS IN BAHRAIN ( MUHARRAQ block 209 )**

الفريج Neighbourhood	الشارع Street	رقم المبنى Building number	إسم المبنى الأصلي Original name of building	إسم المبنى الحالي Present name of building	إسم المالك Owner's name	إسم الساكن Occupant's name	تاريخ البناء Date of building	حقيقي Factual	تقريبي Estimated	إسم المسجل Name of recorder
<input type="text" value="ALSHAKH"/>	<input type="text" value="933"/>	<input type="text" value="735"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="Rehmat Ali"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="QAMAR"/>

Poor	رديئة <input checked="" type="checkbox"/>	Fair	متوسطة <input type="checkbox"/>	Good	جيدة <input type="checkbox"/>
	Ruin	خرابة <input type="checkbox"/>	Partially ruined	مهدمة جزئيا	<input type="checkbox"/>

<b>Historical significance</b>	<b>الأهمية التاريخية</b>			
<table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">على الصعيد العالمي International</td> <td style="width: 33%;">على الصعيد القطري National</td> <td style="width: 33%;">على الصعيد المحلي <input checked="" type="checkbox"/> Local</td> </tr> </table>	على الصعيد العالمي International	على الصعيد القطري National	على الصعيد المحلي <input checked="" type="checkbox"/> Local	
على الصعيد العالمي International	على الصعيد القطري National	على الصعيد المحلي <input checked="" type="checkbox"/> Local		



<b>Name of builder</b>	<b>إسم البناء</b>	<b>Name of Designer</b>	<b>اسم المصمم</b>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	<b>21</b>

**Parapets ( Select type used )** (ستارة السطح ( الطراز المستعمل )

**Incised niches ( type used )** (الكوى المزخرفة ( الطراز المستعمل )

**Plain Niches ( type used )** (الكوى الغير مزخرفة ( الطراز المستعمل )

**Main entrance door ( design most similar )** (الباب الخارجي ( الشكل المشابه لباب المبنى )

**Threats to building** (المخاطر التي تواجه البناء)

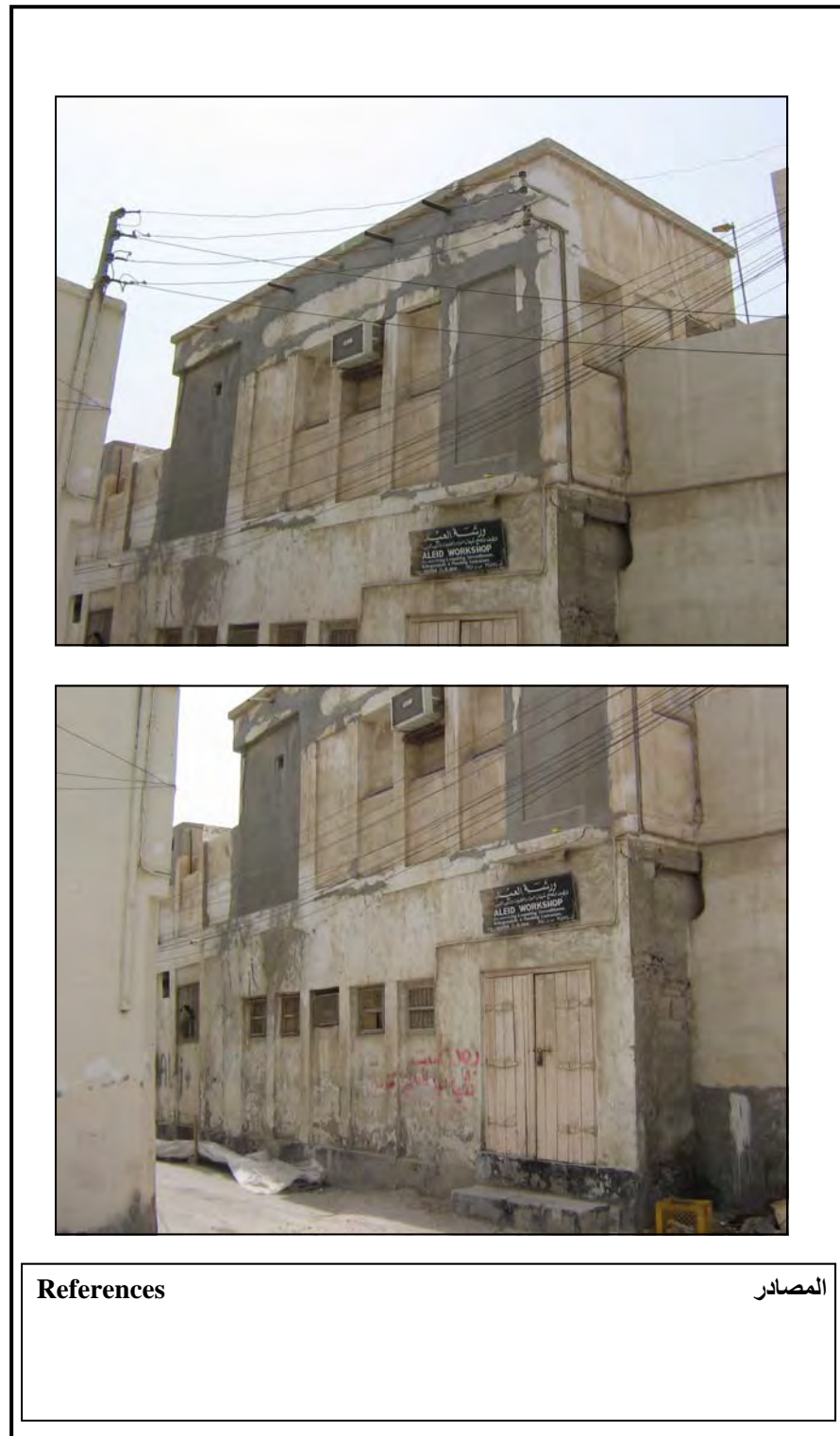
Horizontal	شروخ أفقية	<input checked="" type="checkbox"/>	Rising damp	رطوبة صاعدة	<input type="checkbox"/>
Vertical	شروخ عمودية	<input type="checkbox"/>	Leaking roof	رطوبة متسربة من السطح	<input type="checkbox"/>
Diagonal	شروخ مائلة	<input type="checkbox"/>	Damp through walls	رطوبة متسربة عبر الجدار	<input checked="" type="checkbox"/>
Fungus	فطريات	<input type="checkbox"/>	Termites	أرضه	<input type="checkbox"/>
Others	أخرى	<input type="checkbox"/>	Vegetation	نباتات	<input type="checkbox"/>

**Documentation** (الوثائق المتوفرة)

مستندات أخرى Other records	منشورات Publications	صور قديمة Old photographs	خرائط Drawings
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Notes & comments** (ملاحظات و تعليقات)

Two-storey house in acceptable physical condition. It has a square courtyard, three rooms open on it. Wooden ceilings, nine wooden shutters. The ground floor includes a shop.



Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	22



### Building Identity

### هوية المبنى

الفريج Neighbourhood	الشارع Street	رقم المبنى Building number	إسم المبنى الأصلي Original name of building	إسم المبنى الحالي Present name of building	إسم المالك Owner's name	إسم الساكن Occupant's name	تاريخ البناء Date of building	حقيقي Factual	تقريبي Estimated	إسم المسجل Name of recorder
AL KHARU	935	765				Labours				QAMAR

### Condition of Building

### حالة المبنى

Poor	ردينة <input type="checkbox"/>	Fair	متوسطة <input checked="" type="checkbox"/>	Good	جيدة <input type="checkbox"/>
Ruin	خربة <input type="checkbox"/>	Partially ruined		مهذمة جزئيا	<input type="checkbox"/>

### Historical significance

### الأهمية التاريخية

على الصعيد العالمي <input type="checkbox"/>	على الصعيد القطري <input type="checkbox"/>	على الصعيد المحلي <input checked="" type="checkbox"/>
International	National	Local
		Specify <input type="checkbox"/> / إشرح <input type="checkbox"/>

### Ownership

### الملكية

وقف <input type="checkbox"/>	ملك خاص <input checked="" type="checkbox"/>	عامة <input type="checkbox"/>
Waqf	Private	Public

### Secondary use

### الإستعمال الثانوي

### Primary use

### الإستعمال الأساسي

	Residence and commercial
--	--------------------------

### Name of builder

### إسم البناء

### Name of Designer

### اسم المصمم

--	--

### Conservation work

### أعمال الترميم

In progress	جارية <input type="checkbox"/>	None	لا يوجد <input checked="" type="checkbox"/>
Complete	تمت <input type="checkbox"/>	Proposed	مزمعة <input type="checkbox"/>
Minor	طفيفة <input type="checkbox"/>	Major	أساسية <input type="checkbox"/>

### Environment relationship

### الموضع

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Isolated	منعزل	Attached
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Detached	مستقل	

### Building Description

### وصف المبنى

No of floors	عدد الطوابق
3 <input type="checkbox"/>	2 <input checked="" type="checkbox"/>
	1 <input type="checkbox"/>

No of entrances	عدد المداخل
Open	مكتشف <input type="checkbox"/>
	Covered
	مسقف <input type="checkbox"/>

No of courtyards	عدد الأحواش
Oblong	مستطيل <input type="checkbox"/>
	Square
	مربع <input type="checkbox"/>

No of liwans	عدد الليوانات
السطح <input type="checkbox"/>	الطابق الأول <input type="checkbox"/>
Roof	First floor
	الطابق الأرضي <input type="checkbox"/>
	Ground floor

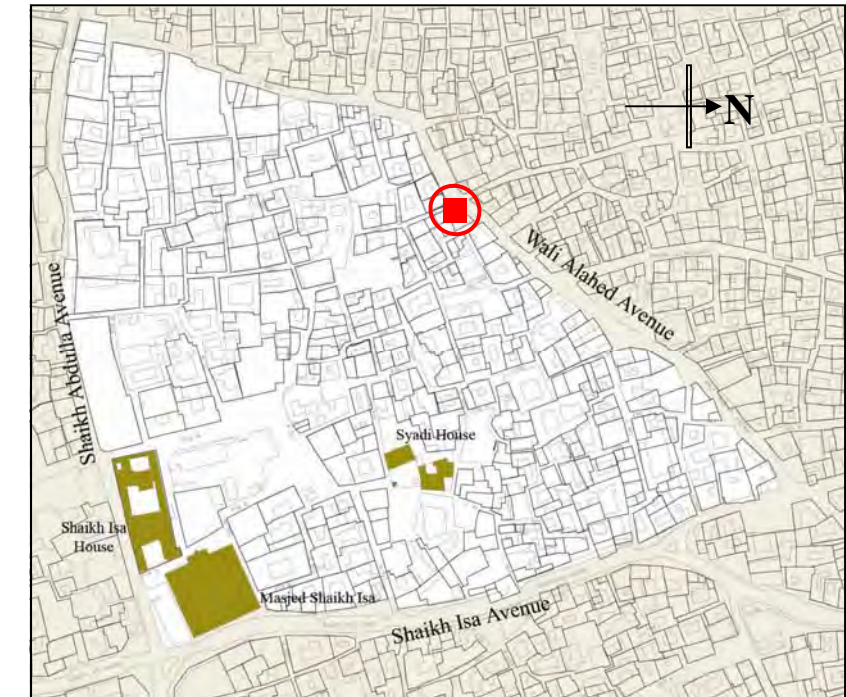
No of staircases	عدد السلالم
داخلية <input type="checkbox"/>	خارجية مسقفة <input type="checkbox"/>
Internal	External covered
	خارجية مكشوفة <input type="checkbox"/>
	External open

No of rooms	عدد الحجرات
Other	حجرات غير سكنية
<input type="checkbox"/>	Habitable rooms
Ground floor	حجرات سكنية
<input type="checkbox"/>	الطابق الأرضي <input type="checkbox"/>
First floor	الطابق الأول <input type="checkbox"/>
<input type="checkbox"/>	السطح <input type="checkbox"/>
Roof	

Window shutters	درفات النوافذ
عدد الدرفات الخشبية <input type="checkbox"/>	عدد الدرفات الحديدية <input type="checkbox"/>
No. wooden shutter	No. iron shutters
	لا يوجد <input type="checkbox"/>
	None

Stained glass fanlights	نوافذ ذات زجاج ملون
عدد <input type="checkbox"/>	لا يوجد <input checked="" type="checkbox"/>
Number	None

Balcony railings	درابيزينات الشرفات
عدد الدرابيزينات الحديدية <input type="checkbox"/>	عدد الدرابيزينات الخشبية <input type="checkbox"/>
No of iron railing	No of wooden railing
	لا يوجد <input type="checkbox"/>
	None



### Plan of Location

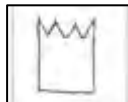



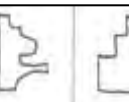
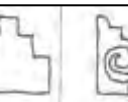



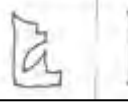
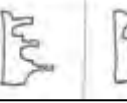
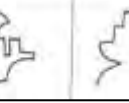


### مخطط الموقع

Decorative plaster panels	مسطحات جبسية مزخرفة
عدد المسطحات المنحوتة	السطح <input type="checkbox"/>
No of carved panels	الطابق الأول <input type="checkbox"/>
Ground floor	الطابق الأرضي <input type="checkbox"/>
First floor	السطح <input type="checkbox"/>
Roof	عدد المسطحات المخرمة
السطح <input type="checkbox"/>	No of perforated panels
الطابق الأول <input type="checkbox"/>	Ground floor
الطابق الأرضي <input type="checkbox"/>	First floor
Roof	Roof

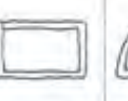

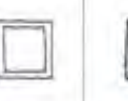






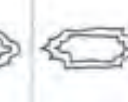




Arches ( type used )	الطيطان ( الطراز المستعمل )
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	22

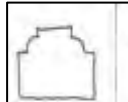


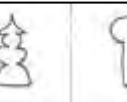



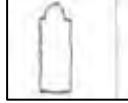


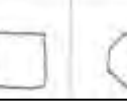
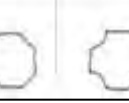
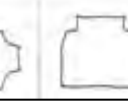

**Parapets ( Select type used )** ( ستارة السطح ( الطراز المستعمل )

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>







**Incised niches ( type used )** ( الكوى المزخرفة ( الطراز المستعمل )

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Plain Niches ( type used )** ( الكوى الغير مزخرفة ( الطراز المستعمل )

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**الباب الخارجي ( الشكل المشابه لباب المبنى )**  
**Main entrance door ( design most similar )**

					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**المخاطر التي تواجه البناء**  
**Threats to building**

Horizontal شروخ أفقية <input type="checkbox"/>	Rising damp رطوبة صاعدة <input type="checkbox"/>
Vertical شروخ عمودية <input type="checkbox"/>	Leaking roof رطوبة متسربة من السطح <input type="checkbox"/>
Diagonal شروخ مائلة <input type="checkbox"/>	Damp through walls رطوبة متسربة عبر الجدار <input type="checkbox"/>
Fungus فطريات <input type="checkbox"/>	Termites أراضه <input type="checkbox"/>
Others أخرى <input type="checkbox"/>	Vegetation نباتات <input type="checkbox"/>

**الوثائق المتوفرة**  
**Documentation**

مستندات أخرى Other records <input type="checkbox"/>	منشورات Publications <input type="checkbox"/>	صور قديمة Old photographs <input type="checkbox"/>	خرائط Drawings <input type="checkbox"/>
--	--	---	--

**ملاحظات و تعليقات**  
**Notes & comments**

Beautiful 2-storey small square house. The ground floor is used as shops. There are two rooms on the first floor occupied by several guest workers.



**المصادر**  
**References**

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	23



<b>Building Identity</b>			<b>هوية المبنى</b>							
الفريج Neighbourhood	الشارع Street	رقم المبنى Building number	اسم المبنى الأصلي Original name of building	اسم المبنى الحالي Present name of building	اسم المالك Owner's name	اسم الساكن Occupant's name	تاريخ البناء Date of building	حقيقي Factual	تقريبي Estimated	اسم المسجل Name of recorder
AL KHARU	937	795								QAMAR

<b>Condition of Building</b>	<b>حالة المبنى</b>
Poor <input type="checkbox"/> رديئة <input type="checkbox"/> Ruin <input type="checkbox"/> خربة <input type="checkbox"/>	Fair <input checked="" type="checkbox"/> متوسطة <input checked="" type="checkbox"/> Partially ruined <input type="checkbox"/>
Good <input type="checkbox"/> جيدة <input type="checkbox"/> Mehmeda جزئيا <input type="checkbox"/>	

<b>Historical significance</b>	<b>الأهمية التاريخية</b>
على الصعيد العالمي <input type="checkbox"/> International	على الصعيد القطري <input type="checkbox"/> National
	على الصعيد المحلي <input checked="" type="checkbox"/> Local
	Specify <input type="checkbox"/> اشرح <input type="checkbox"/>

<b>Ownership</b>	<b>الملكية</b>
وقف <input type="checkbox"/> Waqf	ملك خاص <input checked="" type="checkbox"/> Private
	عامة <input type="checkbox"/> Public

<b>Secondary use</b>	<b>الإستعمال الثانوي</b>	<b>Primary use</b>	<b>الإستعمال الأساسي</b>
		Residence	

<b>Name of builder</b>	<b>اسم المصمم</b>	<b>Name of Designer</b>	<b>اسم المصمم</b>

<b>Conservation work</b>	<b>أعمال الترميم</b>
In progress <input type="checkbox"/> جارية <input type="checkbox"/> Complete <input type="checkbox"/> تمت <input type="checkbox"/> Minor <input type="checkbox"/> طفيفة <input type="checkbox"/>	None <input type="checkbox"/> لا يوجد <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> مزعومة <input type="checkbox"/> Major <input type="checkbox"/> أساسية <input type="checkbox"/>

<b>Environment relationship</b>	<b>الموضع</b>
Isolated <input type="checkbox"/> منعزل <input type="checkbox"/> Detached <input type="checkbox"/> مستقل <input type="checkbox"/> Attached <input checked="" type="checkbox"/> ملاصق <input checked="" type="checkbox"/>	

<b>Building Description</b>	<b>وصف المبنى</b>
<b>No of floors</b>	<b>عدد الطوابق</b>
3 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 1 <input type="checkbox"/>	

<b>No of entrances</b>	<b>عدد المداخل</b>
Open <input type="checkbox"/> مكشوف <input type="checkbox"/> Covered <input type="checkbox"/> مسقف <input type="checkbox"/>	

<b>No of courtyards</b>	<b>عدد الأحواش</b>
Oblong <input type="checkbox"/> مستطيل <input type="checkbox"/> Square <input type="checkbox"/> مربع <input type="checkbox"/>	

<b>No of liwans</b>	<b>عدد الليوانات</b>
السطح <input type="checkbox"/> Roof <input type="checkbox"/> الطابق الأول <input type="checkbox"/> First floor <input type="checkbox"/> الطابق الأرضي <input type="checkbox"/> Ground floor <input type="checkbox"/>	

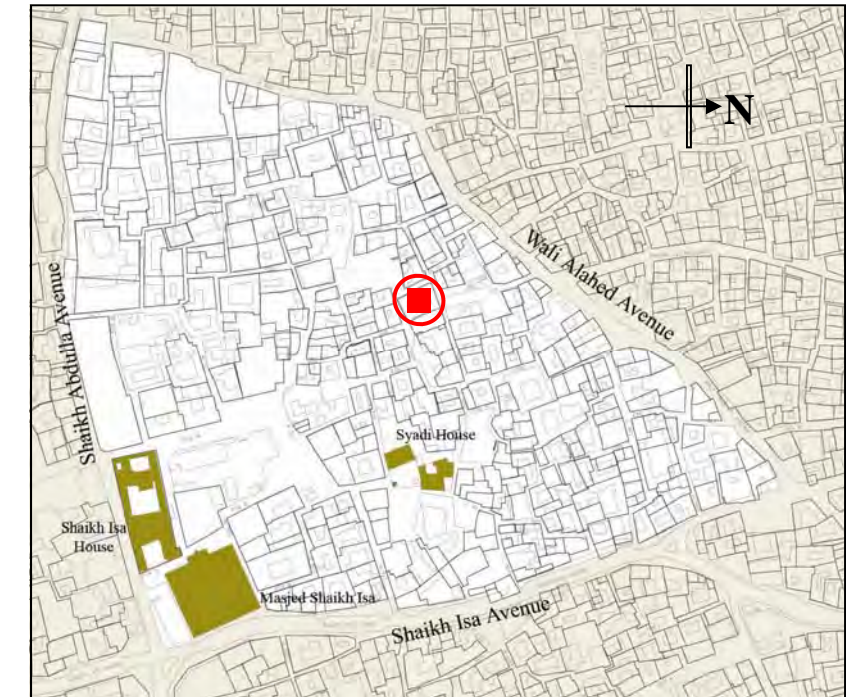
<b>No of staircases</b>	<b>عدد السلالم</b>
داخلية <input type="checkbox"/> Internal <input type="checkbox"/> خارجية مكشوفة <input type="checkbox"/> External open <input type="checkbox"/> خارجية مسقفة <input type="checkbox"/> External covered <input type="checkbox"/>	

<b>No of rooms</b>	<b>عدد الحجرات</b>
Other <input type="checkbox"/> حجرات غير سكنية <input type="checkbox"/> Ground floor <input type="checkbox"/> First floor <input type="checkbox"/> Roof <input type="checkbox"/>	Habitable rooms <input type="checkbox"/> حجرات سكنية <input type="checkbox"/> الطابق الأرضي <input type="checkbox"/> 5 الطابق الأول <input type="checkbox"/> السطح <input type="checkbox"/> 3

<b>Window shutters</b>	<b>درفات النوافذ</b>
عدد الدرفات الخشبية <input type="checkbox"/> 6 No. wooden shutter	عدد الدرفات الحديدية <input type="checkbox"/> 2 No. iron shutters
	لا يوجد <input type="checkbox"/> None

<b>Stained glass fanlights</b>	<b>نوافذ ذات زجاج ملون</b>
Number <input type="checkbox"/> العدد <input type="checkbox"/> None <input type="checkbox"/>	لا يوجد <input type="checkbox"/>

<b>Balcony railings</b>	<b>درابيزونات الشرفات</b>
عدد الدرابيزونات الحديدية <input type="checkbox"/> 1 No of iron railing	عدد الدرابيزونات الخشبية <input type="checkbox"/> No of wooden railing
	لا يوجد <input type="checkbox"/> None



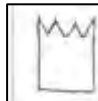



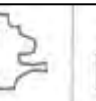
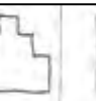

**Plan of Location** **مخطط الموقع**

<b>Decorative plaster panels</b>	<b>مسطحات جبسية مزخرفة</b>
عدد المسطحات المنحوتة <input type="checkbox"/> No of carved panels	الطابق الأرضي <input type="checkbox"/> Ground floor
	الطابق الأول <input type="checkbox"/> First floor
	السطح <input type="checkbox"/> Roof
عدد المسطحات المخرمة <input type="checkbox"/> No of perforated panels	الطابق الأرضي <input type="checkbox"/> Ground floor
	الطابق الأول <input type="checkbox"/> First floor
	السطح <input type="checkbox"/> Roof



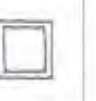



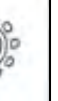
<b>Arches ( type used )</b>	<b>الطابقان ( الطراز المستعمل )</b>
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	23

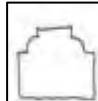




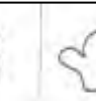
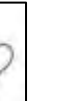
**Parapets ( Select type used )** ( ستارة السطح ( الطراز المستعمل )

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



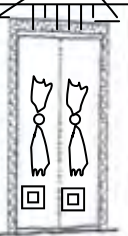


**Incised niches ( type used )** ( الكوى المزخرفة ( الطراز المستعمل )

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Plain Niches ( type used )** ( الكوى الغير مزخرفة ( الطراز المستعمل )

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Main entrance door ( design most similar )** ( الباب الخارجي ( الشكل المشابه لباب المبنى )

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Threats to building** ( المخاطر التي تواجه البناء )

Horizontal شروخ أفقية <input type="checkbox"/>	Rising damp رطوبة صاعدة <input checked="" type="checkbox"/>
Vertical شروخ عمودية <input type="checkbox"/>	Leaking roof رطوبة متسربة من السطح <input type="checkbox"/>
Diagonal شروخ مائلة <input type="checkbox"/>	Damp through walls رطوبة متسربة عبر الجدار <input checked="" type="checkbox"/>
Fungus فطريات <input type="checkbox"/>	Termites أراضه <input type="checkbox"/>
Others أخرى <input type="checkbox"/>	Vegetation نباتات <input type="checkbox"/>

**Documentation** ( الوثائق المتوفرة )

مستندات أخرى Other records <input type="checkbox"/>	منشورات Publications <input type="checkbox"/>	صور قديمة Old photographs <input type="checkbox"/>	خرائط Drawings <input type="checkbox"/>
--	--	---	--

**Notes & comments** ( ملاحظات و تعليقات )

Impressive part 2-storey house. It has an oblong courtyard reached through an open entrance lobby. On the ground floor there are 5 rooms and a liwan. On the first floor there are 3 rooms. It has a low parapet with geometrical merlons.



References المصادر

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	24



<b>Building Identity</b>			<b>هوية المبنى</b>							
الفريج Neighbourhood	الشارع Street	رقم المبنى Building number	إسم المبنى الأصلي Original name of building	إسم المبنى الحالي Present name of building	إسم المالك Owner's name	إسم الساكن Occupant's name	تاريخ البناء Date of building	حقيقي Factual	تقريبي Estimated	إسم المسجل Name of recorder
AL KHARU	936	763				BEMCO: BAH-Electro MEC company				QAMAR

<b>Condition of Building</b>	<b>حالة المبنى</b>
Poor <input type="checkbox"/>	جيدة <input type="checkbox"/>
Ruin <input type="checkbox"/>	مهدمة جزئياً <input type="checkbox"/>
Fair <input type="checkbox"/>	متوسطة <input checked="" type="checkbox"/>
Partially ruined <input type="checkbox"/>	Good <input type="checkbox"/>

<b>Historical significance</b>	<b>الأهمية التاريخية</b>
على الصعيد العالمي <input type="checkbox"/>	على الصعيد المحلي <input checked="" type="checkbox"/>
International	Local
على الصعيد القطري <input type="checkbox"/>	على الصعيد الوطني <input type="checkbox"/>
National	National
Specify <input type="checkbox"/> إشرح <input type="checkbox"/>	

<b>Ownership</b>	<b>الملكية</b>
وقف <input type="checkbox"/>	عامة <input checked="" type="checkbox"/>
Waqf	Public
ملك خاص <input type="checkbox"/>	Private

<b>Secondary use</b>	<b>الإستعمال الثانوي</b>	<b>Primary use</b>	<b>الإستعمال الأساسي</b>
Labour comp.		Labour's Residence	

<b>Name of builder</b>	<b>إسم البناء</b>	<b>Name of Designer</b>	<b>اسم المصمم</b>

<b>Conservation work</b>	<b>أعمال الترميم</b>
In progress <input type="checkbox"/>	لا يوجد <input checked="" type="checkbox"/>
Complete <input type="checkbox"/>	مزمعة <input type="checkbox"/>
Minor <input type="checkbox"/>	أساسية <input type="checkbox"/>
جارية <input type="checkbox"/>	Proposed <input type="checkbox"/>
تمت <input type="checkbox"/>	Major <input type="checkbox"/>

<b>Environment relationship</b>	<b>الموضع</b>
Isolated <input type="checkbox"/>	ملاصق <input checked="" type="checkbox"/>
Detached <input type="checkbox"/>	مستقل <input type="checkbox"/>
منعزل <input type="checkbox"/>	Attached <input type="checkbox"/>

<b>Building Description</b>	<b>وصف المبنى</b>
No of floors	عدد الطوابق
3 <input type="checkbox"/>	1 <input type="checkbox"/>
2 <input checked="" type="checkbox"/>	2 <input type="checkbox"/>

<b>No of entrances</b>	<b>عدد المداخل</b>
Open <input type="checkbox"/>	مسقف <input type="checkbox"/>
مكتشف <input type="checkbox"/>	2 <input type="checkbox"/>
Covered <input type="checkbox"/>	

<b>No of courtyards</b>	<b>عدد الأحواش</b>
Oblong <input type="checkbox"/>	مربع <input type="checkbox"/>
مستطيل <input type="checkbox"/>	2 <input type="checkbox"/>
Square <input type="checkbox"/>	

<b>No of liwans</b>	<b>عدد الليوانات</b>
السطح <input type="checkbox"/>	الطابق الأرضي <input type="checkbox"/>
Roof	Ground floor
1 <input type="checkbox"/>	الطابق الأول <input type="checkbox"/>
	First floor

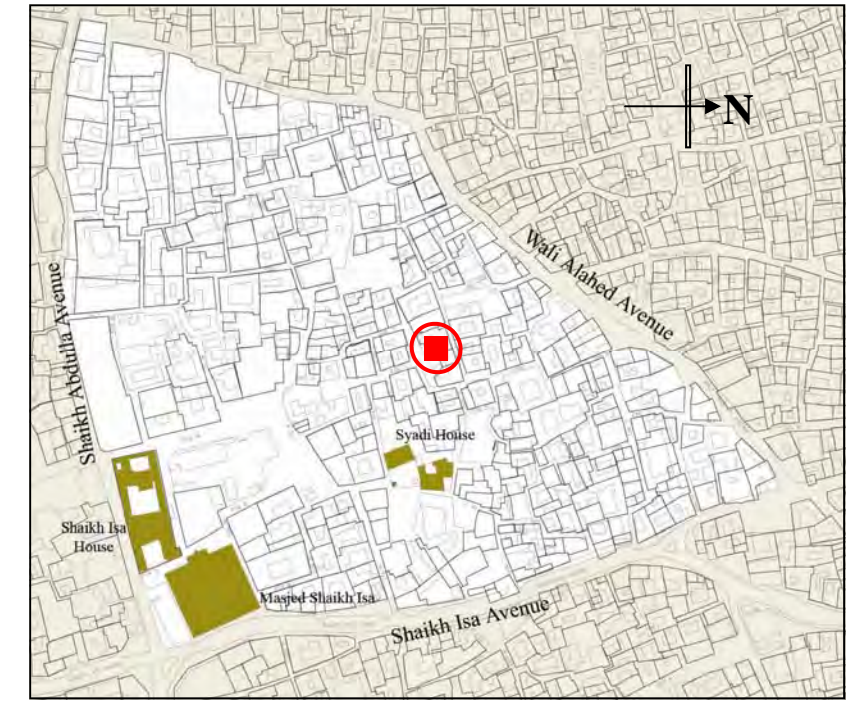
<b>No of staircases</b>	<b>عدد السلالم</b>
داخلية <input type="checkbox"/>	خارجية مسقفة <input type="checkbox"/>
Internal	External covered
خارجية مكشوفة <input type="checkbox"/>	2 <input type="checkbox"/>
External open	

<b>No of rooms</b>	<b>عدد الحجرات</b>
Other <input type="checkbox"/>	حجرات سكنية <input type="checkbox"/>
حجرات غير سكنية <input type="checkbox"/>	Habitable rooms <input type="checkbox"/>
Ground floor	الطابق الأرضي <input type="checkbox"/>
10 <input type="checkbox"/>	الطابق الأول <input type="checkbox"/>
First floor	5 <input type="checkbox"/>
السطح <input type="checkbox"/>	
1 <input type="checkbox"/>	
Roof	

<b>Window shutters</b>	<b>درفات النوافذ</b>
عدد الدرفات الخشبية <input type="checkbox"/>	لا يوجد <input type="checkbox"/>
No. wooden shutter	None
6 <input type="checkbox"/>	عدد الدرفات الحديدية <input type="checkbox"/>
	No. iron shutters
	54 <input type="checkbox"/>

<b>Stained glass fanlights</b>	<b>نوافذ ذات زجاج ملون</b>
Number <input type="checkbox"/>	لا يوجد <input checked="" type="checkbox"/>
العدد <input type="checkbox"/>	None

<b>Balcony railings</b>	<b>درابزينات الشرفات</b>
عدد الدرابزينات الحديدية <input type="checkbox"/>	لا يوجد <input type="checkbox"/>
No of iron railing	None
7 <input type="checkbox"/>	عدد الدرابزينات الخشبية <input type="checkbox"/>
	No of wooden railing










<b>Plan of Location</b>	<b>مخطط الموقع</b>
<b>Decorative plaster panels</b>	<b>مسطحات جبسية مزخرفة</b>
عدد المسطحات المنحوتة <input type="checkbox"/>	السطح <input type="checkbox"/>
No of carved panels	الطابق الأول <input type="checkbox"/>
Ground floor	First floor
الطابق الأرضي <input type="checkbox"/>	السطح <input type="checkbox"/>
Roof	
عدد المسطحات المخرمة <input type="checkbox"/>	الطابق الأول <input type="checkbox"/>
No of perforated panels	First floor
Ground floor	السطح <input type="checkbox"/>
	Roof








<b>Arches ( type used )</b>	<b>الطيطان ( الطراز المستعمل )</b>
<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	24








**Parapets ( Select type used )** ( ستارة السطح ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



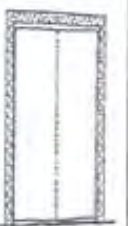


**Incised niches ( type used )** ( الكوى المزخرفة ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Plain Niches ( type used )** ( الكوى الغير مزخرفة ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**الباب الخارجي ( الشكل المشابه لباب المبنى )**  
**Main entrance door ( design most similar )**

				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**المخاطر التي تواجه البناء**  
**Threats to building**

Horizontal شروخ أفقية <input type="checkbox"/>	Rising damp رطوبة صاعدة <input type="checkbox"/>
Vertical شروخ عمودية <input checked="" type="checkbox"/>	Leaking roof رطوبة متسربة من السطح <input type="checkbox"/>
Diagonal شروخ مائلة <input type="checkbox"/>	Damp through walls رطوبة متسربة عبر الجدار <input checked="" type="checkbox"/>
Fungus فطريات <input type="checkbox"/>	Termites أرضه <input type="checkbox"/>
Others أخرى <input type="checkbox"/>	Vegetation نباتات <input type="checkbox"/>

**الوثائق المتوفرة**  
**Documentation**

مستندات أخرى Other records	منشورات Publications	صور قديمة Old photographs	خرائط Drawings
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**ملاحظات و تعليقات**  
**Notes & comments**

Two-storey house with two courtyards one for women, one for men. Each has its own entrance. The former has a liwan. In advanced state of disrepair. Occupied by guest workers.



References

المصادر

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	25



<b>Building Identity</b>										<b>هوية المبنى</b>		
الفريج Neighbourhood	الشارع Street	رقم المبنى Building number	إسم المبنى الأصلي Original name of building	إسم المبنى الحالي Present name of building	إسم المالك Owner's name	إسم الساكن Occupant's name	تاريخ البناء Date of building	حقيقي Factual	تقريبي Estimated	إسم المسجل Name of recorder		
AL KHARU	941	829	عبد الرحمن عبد الرحيم جاسم							QAMAR		








<b>Condition of Building</b>		<b>حالة المبنى</b>	
Poor	ردينة <input type="checkbox"/>	Fair	متوسطة <input checked="" type="checkbox"/>
Ruin	خربة <input type="checkbox"/>	Partially ruined	مهدمة جزئيا <input type="checkbox"/>
<b>Historical significance</b>		<b>الأهمية التاريخية</b>	
على الصعيد العالمي <input type="checkbox"/>	على الصعيد القطري <input type="checkbox"/>	على الصعيد المحلي <input checked="" type="checkbox"/>	
International	National	Local	
		Specify	إشرح
<b>Ownership</b>		<b>الملكية</b>	
وقف <input type="checkbox"/>	ملك خاص <input checked="" type="checkbox"/>	عامية <input type="checkbox"/>	Public <input type="checkbox"/>
Waqf	Private		
<b>Secondary use</b>	الإستعمال الثانوي	<b>Primary use</b>	الإستعمال الأساسي
		Residence	
<b>Name of builder</b>	إسم البناء	<b>Name of Designer</b>	اسم المصمم
<b>Conservation work</b>		<b>أعمال الترميم</b>	
In progress	جارية <input type="checkbox"/>	None	لا يوجد <input checked="" type="checkbox"/>
Complete	تمت <input type="checkbox"/>	Proposed	مزمعة <input type="checkbox"/>
Minor	طفيفة <input type="checkbox"/>	Major	أساسية <input type="checkbox"/>
<b>Environment relationship</b>		<b>الموضع</b>	
Isolated	منعزل <input type="checkbox"/>	Detached	مستقل <input type="checkbox"/>
		Attached	ملاصق <input checked="" type="checkbox"/>

<b>Building Description</b>		<b>وصف المبنى</b>	
<b>No of floors</b>	عدد الطوابق	3 <input type="checkbox"/>	2 <input checked="" type="checkbox"/>
<b>No of entrances</b>	عدد المداخل	Open	مكتشوف <input type="checkbox"/>
		Covered	مسقف <input type="checkbox"/>
<b>No of courtyards</b>	عدد الأحواش	Oblong	مستطيل <input type="checkbox"/>
		Square	مربع <input type="checkbox"/>
<b>No of liwans</b>	عدد الليوانات	السطح <input type="checkbox"/>	الطابق الأرضي <input type="checkbox"/>
		Roof	Ground floor
		الطابق الأول <input type="checkbox"/>	
		First floor	
<b>No of staircases</b>	عدد السلالم	داخلية <input type="checkbox"/>	خارجية مسقفة <input type="checkbox"/>
		Internal	External covered
		خارجية مكشوفة <input type="checkbox"/>	
		External open	
<b>No of rooms</b>	عدد الحجرات	Other	حجرات غير سكنية
		Ground floor	حجرات سكنية
		First floor	الطابق الأرضي <input type="checkbox"/>
		Roof	الطابق الأول <input type="checkbox"/>
			السطح <input type="checkbox"/>
<b>Window shutters</b>	درفات النوافذ	لا يوجد <input type="checkbox"/>	
		عدد الدرفات الخشبية	
		No. wooden shutter	
		عدد الدرفات الحديدية	
		No. iron shutters	
		7 inside / 3 outside	
<b>Stained glass fanlights</b>	نوافذ ذات زجاج ملون	لا يوجد <input type="checkbox"/>	
		عدد	
		None	
<b>Balcony railings</b>	درابيزينات الشرفات	لا يوجد <input type="checkbox"/>	
		عدد الدرابيزينات الحديدية	
		No of iron railing	
		عدد الدرابيزينات الخشبية	
		No of wooden railing	








<b>Plan of Location</b>		<b>مخطط الموقع</b>	
<b>Decorative plaster panels</b>		<b>مسطحات جبسية مزخرفة</b>	
عدد المسطحات المنحوتة	السطح <input type="checkbox"/>	الطابق الأول <input type="checkbox"/>	الطابق الأرضي <input type="checkbox"/>
No of carved panels	Ground floor	First floor	Roof
عدد المسطحات المخزمة	السطح <input type="checkbox"/>	الطابق الأول <input type="checkbox"/>	الطابق الأرضي <input type="checkbox"/>
No of perforated panels	Ground floor	First floor	Roof
<b>Arches ( type used )</b>		<b>الطيطان ( الطراز المستعمل )</b>	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	25








**Parapets ( Select type used )** ستارة السطح ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>


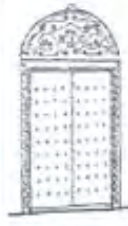



**Incised niches ( type used )** الكوى المزخرفة ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Plain Niches ( type used )** الكوى الغير مزخرفة ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Main entrance door ( design most similar )** الباب الخارجي ( الشكل المشابه لباب المبنى )

				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Threats to building** المخاطر التي تواجه البناء

Horizontal شروخ أفقية <input type="checkbox"/>	Rising damp رطوبة صاعدة <input type="checkbox"/>
Vertical شروخ عمودية <input type="checkbox"/>	Leaking roof رطوبة متسربة من السطح <input type="checkbox"/>
Diagonal شروخ مائلة <input checked="" type="checkbox"/>	Damp through walls رطوبة متسربة عبر الجدار <input checked="" type="checkbox"/>
Fungus فطريات <input type="checkbox"/>	Termites أرضه <input type="checkbox"/>
Others أخرى <input type="checkbox"/>	Vegetation نباتات <input type="checkbox"/>

**Documentation** الوثائق المتوفرة

مستندات أخرى Other records <input type="checkbox"/>	منشورات Publications <input type="checkbox"/>	صور قديمة Old photographs <input type="checkbox"/>	خرائط Drawings <input type="checkbox"/>
--	--	---	--

**Notes & comments** ملاحظات و تعليقات

Large, two-storey house with square courtyard. There are 7 rooms on the lower floor and 4 on the top floor.



References

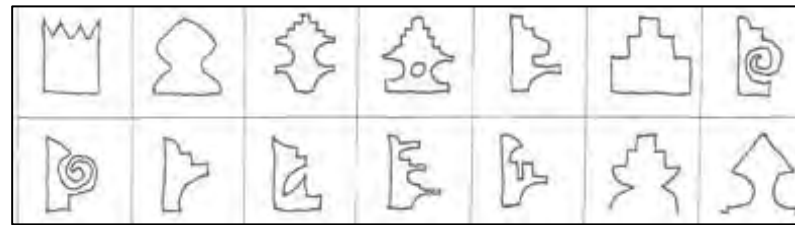
المصادر

Capacity-Building for Enhancement Of Urban Governance: Stage 2  
URBAN DESIGN PROJECTS FOR TRADITIONAL AREAS IN BAHRAIN  
جرد المباني التراثية في البحرين ( المحرق مجمع 209 )  
INVENTORY OF HERITAGE BUILDINGS IN BAHRAIN ( MUHARRAQ block 209 )

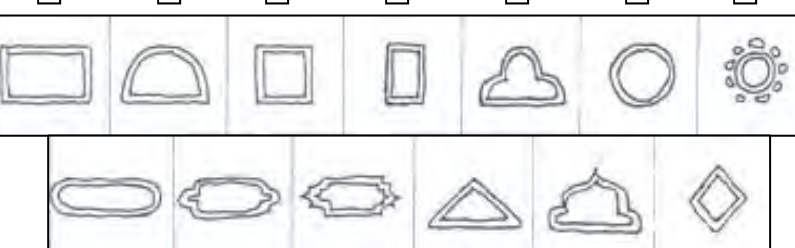
الفريج Neighbourhood	الشارع Street	رقم المبنى Building number	إسم المبنى الأصلي Original name of building	إسم المبنى الحالي Present name of building	إسم المالك Owner's name	إسم الساكن Occupant's name	تاريخ البناء Date of building	حقيقي Factual	تقريبي Estimated	إسم المسجل Name of recorder
			<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="QAMAR"/>

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	26

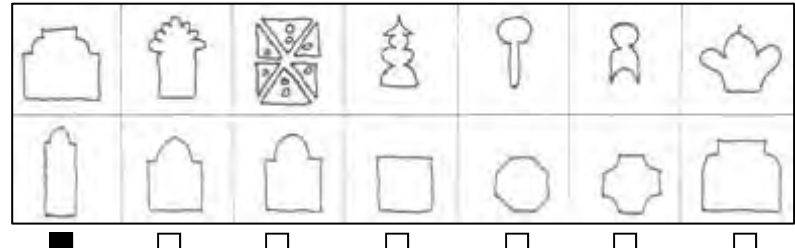
**Parapets ( Select type used )** (ستارة السطح ( الطراز المستعمل )



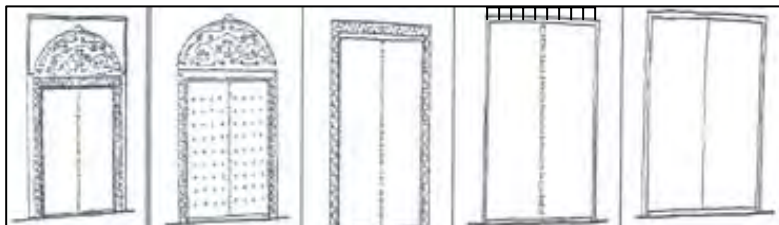
**Incised niches ( type used )** (الكوى المزخرفة ( الطراز المستعمل )



**Plain Niches ( type used )** (الكوى الغير مزخرفة ( الطراز المستعمل )



**الباب الخارجي ( الشكل المشابه لباب المبنى )**  
**Main entrance door ( design most similar )**



**Threats to building** (المخاطر التي تواجه البناء)

Horizontal	شروخ أفقية	<input type="checkbox"/>	Rising damp	رطوبة صاعدة	<input type="checkbox"/>
Vertical	شروخ عمودية	<input type="checkbox"/>	Leaking roof	رطوبة متسربة من السطح	<input type="checkbox"/>
Diagonal	شروخ مائلة	<input type="checkbox"/>	Damp through walls	رطوبة متسربة عبر الجدار	<input checked="" type="checkbox"/>
Fungus	فطريات	<input type="checkbox"/>	Termites	أرضه	<input type="checkbox"/>
Others	أخرى	<input type="checkbox"/>	Vegetation	نباتات	<input type="checkbox"/>

**Documentation** (الوثائق المتوفرة)

مستندات أخرى Other records	منشورات Publications	صور قديمة Old photographs	خرائط Drawings
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Notes & comments** (ملاحظات و تعليقات)

Large traditional house. Two storey in part. It is in good physical condition. External walls are divided into modules, large rectangular ones framing semi-circular arches and smaller ones above containing trefoil arches.



References

المصادر








Capacity-Building for Enhancement Of Urban Governance: Stage 2  
URBAN DESIGN PROJECTS FOR TRADITIONAL AREAS IN BAHRAIN  
جرد المباني التراثية في البحرين ( المحرق مجمع 209 )  
INVENTORY OF HERITAGE BUILDINGS IN BAHRAIN ( MUHARRAQ block 209 )

الفريج Neighbourhood	الشارع Street	رقم المبنى Building number	إسم المبنى الأصلي Original name of building	إسم المبنى الحالي Present name of building	إسم المالك Owner's name	إسم الساكن Occupant's name	تاريخ البناء Date of building	حقيقي Factual	تقريبي Estimated	إسم المسجل Name of recorder
			دار سيادي	دار سيادي	وزارة الإعلام		1850		<input checked="" type="checkbox"/>	عصام عنان








Poor	<input type="checkbox"/> رديئة	Fair	<input type="checkbox"/> متوسطة	Good	<input type="checkbox"/> جيدة
	<input type="checkbox"/> خرابة		<input type="checkbox"/> جزئياً		<input type="checkbox"/> مهتمة جزئياً

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	27








**Parapets ( Select type used )** ستارة السطح ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>






**Incised niches ( type used )** الكوى المزخرفة ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Plain Niches ( type used )** الكوى الغير مزخرفة ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Main entrance door ( design most similar )** الباب الخارجي ( الشكل المشابه لباب المبنى )

				
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Threats to building** المخاطر التي تواجه البناء

Horizontal شروخ أفقية <input type="checkbox"/>	Rising damp رطوبة صاعدة <input type="checkbox"/>
Vertical شروخ عمودية <input type="checkbox"/>	Leaking roof رطوبة متسربة من السطح <input type="checkbox"/>
Diagonal شروخ مائلة <input type="checkbox"/>	Damp through walls رطوبة متسربة عبر الجدار <input type="checkbox"/>
Fungus فطريات <input type="checkbox"/>	Termites أراضه <input type="checkbox"/>
Others أخرى <input type="checkbox"/>	Vegetation نباتات <input type="checkbox"/>

**Documentation** الوثائق المتوفرة

مستندات أخرى Other records <input type="checkbox"/>	منشورات Publications <input type="checkbox"/>	صور قديمة Old photographs <input type="checkbox"/>	خرائط Drawings <input type="checkbox"/>
--	--	---	--

**Notes & comments** ملاحظات و تعليقات

Important building historically and architecturally. It was owned by Bahrain is foremost pearl traders. It has an ornate and well-designed mejlis on the upper floor which is 6m high. Its facades have intricate cast plaster grills. The plot is small. The rooms are organized around 2 small courtyards.



**References**

Yarwood

**المصادر**

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	28



Building Identity			هوية المبنى							
Neighbourhood الفريج	Street الشارع	Building number رقم المبنى	Original name of building إسم المبنى الأصلي	Present name of building إسم المبنى الحالي	Owner's name إسم المالك	Occupant's name إسم الساكن	Date of building تاريخ البناء	Factual حقيقي	Estimated تقريبي	Name of recorder إسم المسجل
		203			عبد الله حسن سيادي	سمير عبد الله حسن سيادي				

Condition of Building	حالة المبنى
Poor <input type="checkbox"/> رديئة <input type="checkbox"/> Ruin <input type="checkbox"/> خربة <input type="checkbox"/>	Fair <input type="checkbox"/> متوسطة <input type="checkbox"/> Partially ruined <input type="checkbox"/> جزئيا مهدمة <input type="checkbox"/>
Good <input checked="" type="checkbox"/> جيدة <input checked="" type="checkbox"/>	

Historical significance	الأهمية التاريخية
International <input type="checkbox"/> على الصعيد العالمي	National <input type="checkbox"/> على الصعيد القطري
	Local <input type="checkbox"/> على الصعيد المحلي
	Specify <input type="checkbox"/> اشرح <input type="checkbox"/>

Ownership	الملكية
Waqf <input type="checkbox"/> وقف	Private <input checked="" type="checkbox"/> ملك خاص
	Public <input type="checkbox"/> عامة

Secondary use	الإستعمال الثانوي	Primary use	الإستعمال الأساسي
		سكن عائلة <input checked="" type="checkbox"/>	

Name of builder	إسم البناء	Name of Designer	اسم المصمم
من عائلة الحاكي <input type="checkbox"/>			

Conservation work	أعمال الترميم
In progress <input type="checkbox"/> جارية <input type="checkbox"/> Complete <input checked="" type="checkbox"/> تمت <input checked="" type="checkbox"/> Minor <input type="checkbox"/> طفيفة <input type="checkbox"/>	None <input type="checkbox"/> لا يوجد <input type="checkbox"/> Proposed <input type="checkbox"/> مزمنة <input type="checkbox"/> Major <input type="checkbox"/> أساسية <input type="checkbox"/>

Environment relationship	الموضع
Isolated <input type="checkbox"/> منعزل <input type="checkbox"/>	Detached <input checked="" type="checkbox"/> مستقل <input checked="" type="checkbox"/>
	Attached <input type="checkbox"/> ملاصق <input type="checkbox"/>

Building Description	وصف المبنى
No of floors عدد الطوابق	1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/>

No of entrances	عدد المداخل
Open <input type="checkbox"/> مكشوف <input type="checkbox"/> Covered <input type="checkbox"/> مسقف <input checked="" type="checkbox"/>	

No of courtyards	عدد الأحواش
Oblong <input type="checkbox"/> مستطيل <input checked="" type="checkbox"/> Square <input type="checkbox"/> مربع <input type="checkbox"/>	

No of liwans	عدد الليوانات
Roof <input type="checkbox"/> السطح <input type="checkbox"/> First floor <input checked="" type="checkbox"/> الطابق الأول <input checked="" type="checkbox"/> Ground floor <input type="checkbox"/> الطابق الأرضي <input type="checkbox"/>	

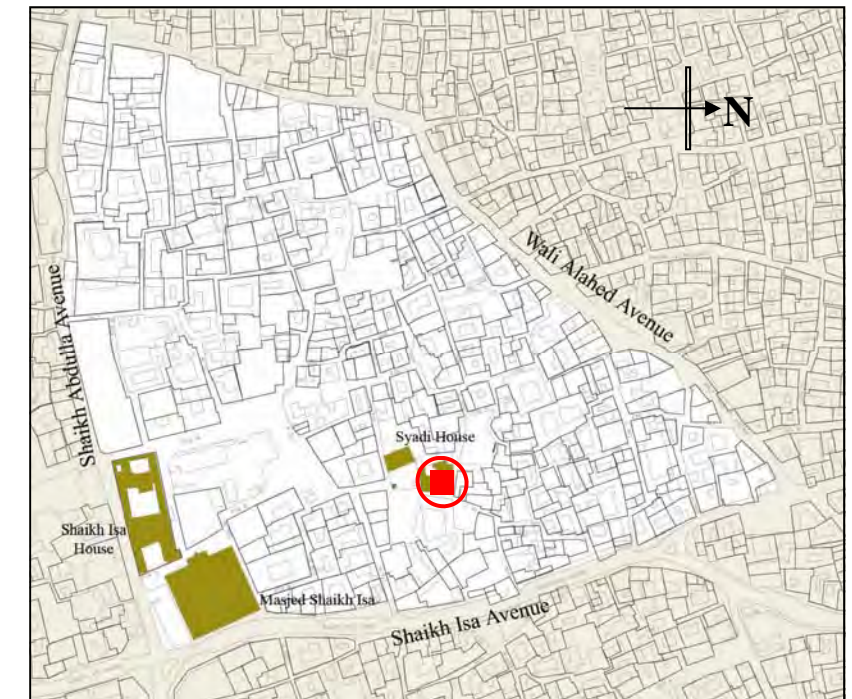
No of staircases	عدد السلالم
Internal <input type="checkbox"/> داخلية <input type="checkbox"/> External open <input checked="" type="checkbox"/> خارجية مكشوفة <input checked="" type="checkbox"/> External covered <input type="checkbox"/> خارجية مسقفة <input type="checkbox"/>	

No of rooms	عدد الحجرات
Other <input type="checkbox"/> حجرات غير سكنية <input type="checkbox"/> Ground floor <input checked="" type="checkbox"/> الطابق الأرضي <input checked="" type="checkbox"/> First floor <input type="checkbox"/> الطابق الأول <input type="checkbox"/> Roof <input type="checkbox"/> السطح <input type="checkbox"/>	

Window shutters	درفات النوافذ
No. wooden shutter <input type="checkbox"/> عدد الدرفات الخشبية <input type="checkbox"/> No. iron shutters <input checked="" type="checkbox"/> عدد الدرفات الحديدية <input checked="" type="checkbox"/> None <input type="checkbox"/> لا يوجد <input type="checkbox"/>	

Stained glass fanlights	نوافذ ذات زجاج ملون
Number <input type="checkbox"/> العدد <input type="checkbox"/> None <input type="checkbox"/> لا يوجد <input type="checkbox"/>	

Balcony railings	درابيزينات الشرفات
No of iron railing <input type="checkbox"/> عدد الدرابيزينات الحديدية <input type="checkbox"/> No of wooden railing <input type="checkbox"/> عدد الدرابيزينات الخشبية <input type="checkbox"/> None <input type="checkbox"/> لا يوجد <input type="checkbox"/>	



### Plan of Location

Decorative plaster panels	مسطحات جبسية مزخرفة
No of carved panels عدد المسطحات المنحوتة	Ground floor <input type="checkbox"/> الطابق الأرضي <input type="checkbox"/> First floor <input type="checkbox"/> الطابق الأول <input type="checkbox"/> Roof <input type="checkbox"/> السطح <input type="checkbox"/>
No of perforated panels عدد المسطحات المخزمة	Ground floor <input type="checkbox"/> الطابق الأرضي <input type="checkbox"/> First floor <input type="checkbox"/> الطابق الأول <input type="checkbox"/> Roof <input type="checkbox"/> السطح <input type="checkbox"/>

Arches ( type used )	الطيطان ( الطراز المستعمل )
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	28

**Parapets ( Select type used )** (ستارة السطح ( الطراز المستعمل )

**Incised niches ( type used )** (الكوى المزخرفة ( الطراز المستعمل )

**Plain Niches ( type used )** (الكوى الغير مزخرفة ( الطراز المستعمل )

**Main entrance door ( design most similar )** (الباب الخارجي ( الشكل المشابه لباب المبنى )

**Threats to building** (المخاطر التي تواجه البناء)

Horizontal	شروخ أفقية	Rising damp	رطوبة صاعدة
Vertical	شروخ عمودية	Leaking roof	رطوبة متسربة من السطح
Diagonal	شروخ مائلة	Damp through walls	رطوبة متسربة عبر الجدار
Fungus	فطريات	Termites	أرضه
Others	أخرى	Vegetation	نباتات

**Documentation** (الوثائق المتوفرة)

مستندات أخرى Other records	منشورات Publications	صور قديمة Old photographs	خرائط Drawings
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Notes & comments** (ملاحظات و تعليقات)

Large 2-storey house, of interest historically because it was the residence of Bahrain's famous pearl trade and architecturally because of its plan. It has two courtyards; a large family courtyard and a second, smaller which is subdivided into a servants' courtyard an animal court. There are 8 rooms on the ground floor and 5 on the first. Across the road is a smaller extension of the house built later. The two parts used to be connected by an overhead room bridging over the street which no longer exists.



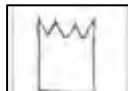



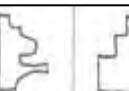
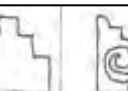

**References** (المصادر)

**Capacity-Building for Enhancement Of Urban Governance: Stage 2**  
**URBAN DESIGN PROJECTS FOR TRADITIONAL AREAS IN BAHRAIN**  
**جرد المباني التراثية في البحرين ( المحرق مجمع 209 )**  
**INVENTORY OF HERITAGE BUILDINGS IN BAHRAIN ( MUHARRAQ block 209 )**








<b>Building Identity</b>										<b>هوية المبنى</b>															
Neighbourhood	Street	Building number	Original name of building	Present name of building	Owner's name	Occupant's name	Date of building	Factual	Estimated	Name of recorder															
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Sheikh Isa House	<input type="text"/>	<input type="text"/>	1840	<input type="text"/>	<input type="text"/>	<input type="text"/>															
<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; padding: 5px;">                 Poor <input type="checkbox"/> رديئة                  Ruin <input type="checkbox"/> خربة             </td> <td style="width: 33%; padding: 5px;">                 Fair <input type="checkbox"/> متوسطة                  Partially ruined <input type="checkbox"/> </td> <td style="width: 33%; padding: 5px;">                 Good <input checked="" type="checkbox"/> جيدة                  مهتمة جزئيا <input type="checkbox"/> </td> </tr> </table>											Poor <input type="checkbox"/> رديئة Ruin <input type="checkbox"/> خربة	Fair <input type="checkbox"/> متوسطة Partially ruined <input type="checkbox"/>	Good <input checked="" type="checkbox"/> جيدة مهتمة جزئيا <input type="checkbox"/>												
Poor <input type="checkbox"/> رديئة Ruin <input type="checkbox"/> خربة	Fair <input type="checkbox"/> متوسطة Partially ruined <input type="checkbox"/>	Good <input checked="" type="checkbox"/> جيدة مهتمة جزئيا <input type="checkbox"/>																							
<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; padding: 5px;"> <b>Historical significance</b>                  على الصعيد العالمي <input type="checkbox"/>                  International             </td> <td style="width: 33%; padding: 5px;">                 على الصعيد القطري <input type="checkbox"/>                  National             </td> <td style="width: 33%; padding: 5px;">                 على الصعيد المحلي <input checked="" type="checkbox"/>                  Local                  Specify <input type="text"/> </td> </tr> </table>											<b>Historical significance</b> على الصعيد العالمي <input type="checkbox"/> International	على الصعيد القطري <input type="checkbox"/> National	على الصعيد المحلي <input checked="" type="checkbox"/> Local Specify <input type="text"/>												
<b>Historical significance</b> على الصعيد العالمي <input type="checkbox"/> International	على الصعيد القطري <input type="checkbox"/> National	على الصعيد المحلي <input checked="" type="checkbox"/> Local Specify <input type="text"/>																							
<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; padding: 5px;"> <b>Ownership</b>                  وقف <input type="checkbox"/>                  Waqf             </td> <td style="width: 33%; padding: 5px;">                 ملك خاص <input type="checkbox"/>                  Private             </td> <td style="width: 33%; padding: 5px;">                 ملكية عامة <input type="checkbox"/>                  Public             </td> </tr> </table>											<b>Ownership</b> وقف <input type="checkbox"/> Waqf	ملك خاص <input type="checkbox"/> Private	ملكية عامة <input type="checkbox"/> Public												
<b>Ownership</b> وقف <input type="checkbox"/> Waqf	ملك خاص <input type="checkbox"/> Private	ملكية عامة <input type="checkbox"/> Public																							
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; padding: 5px;"> <b>Secondary use</b>                  الإستعمال الثانوي <input type="text"/> </td> <td style="width: 50%; padding: 5px;"> <b>Primary use</b>                  الإستعمال الأساسي                  Exhibition <input type="text"/> </td> </tr> </table>											<b>Secondary use</b> الإستعمال الثانوي <input type="text"/>	<b>Primary use</b> الإستعمال الأساسي Exhibition <input type="text"/>													
<b>Secondary use</b> الإستعمال الثانوي <input type="text"/>	<b>Primary use</b> الإستعمال الأساسي Exhibition <input type="text"/>																								
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; padding: 5px;"> <b>Name of builder</b>                  اسم البناى <input type="text"/> </td> <td style="width: 50%; padding: 5px;"> <b>Name of Designer</b>                  اسم المصمم <input type="text"/> </td> </tr> </table>											<b>Name of builder</b> اسم البناى <input type="text"/>	<b>Name of Designer</b> اسم المصمم <input type="text"/>													
<b>Name of builder</b> اسم البناى <input type="text"/>	<b>Name of Designer</b> اسم المصمم <input type="text"/>																								
<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; padding: 5px;"> <b>Conservation work</b>                  In progress <input type="checkbox"/> جارية                  Complete <input type="checkbox"/> تمت                  Minor <input type="checkbox"/> طفيفة             </td> <td style="width: 33%; padding: 5px;">                 None <input type="checkbox"/> لا يوجد                  Proposed <input type="checkbox"/> مزعومة                  Major <input type="checkbox"/> أساسية             </td> <td style="width: 33%; padding: 5px;"> <input type="checkbox"/>    <input type="checkbox"/> </td> </tr> </table>											<b>Conservation work</b> In progress <input type="checkbox"/> جارية Complete <input type="checkbox"/> تمت Minor <input type="checkbox"/> طفيفة	None <input type="checkbox"/> لا يوجد Proposed <input type="checkbox"/> مزعومة Major <input type="checkbox"/> أساسية	<input type="checkbox"/>   <input type="checkbox"/>												
<b>Conservation work</b> In progress <input type="checkbox"/> جارية Complete <input type="checkbox"/> تمت Minor <input type="checkbox"/> طفيفة	None <input type="checkbox"/> لا يوجد Proposed <input type="checkbox"/> مزعومة Major <input type="checkbox"/> أساسية	<input type="checkbox"/>   <input type="checkbox"/>																							
<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; padding: 5px;"> <b>Environment relationship</b>                  Isolated <input checked="" type="checkbox"/> منعزل             </td> <td style="width: 33%; padding: 5px;">                 Detached <input type="checkbox"/> مستقل             </td> <td style="width: 33%; padding: 5px;">                 Attached <input type="checkbox"/> ملاصق             </td> </tr> </table>											<b>Environment relationship</b> Isolated <input checked="" type="checkbox"/> منعزل	Detached <input type="checkbox"/> مستقل	Attached <input type="checkbox"/> ملاصق												
<b>Environment relationship</b> Isolated <input checked="" type="checkbox"/> منعزل	Detached <input type="checkbox"/> مستقل	Attached <input type="checkbox"/> ملاصق																							
<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; padding: 5px;"> <b>No of entrances</b>                  Open <input type="text"/> مكشوف                  Covered <input type="text"/> مسقف             </td> <td style="width: 33%; padding: 5px;"> <b>No of courtyards</b>                  Oblong <input type="text"/> مستطيل                  Square <input type="text"/> مربع             </td> <td style="width: 33%; padding: 5px;"> <b>عدد المدخل</b>                  مسقف <input type="text"/> </td> </tr> <tr> <td colspan="3" style="padding: 5px;"> <b>No of liwans</b>                  السطح <input type="text"/> Roof                  الطابق الأول <input type="text"/> First floor                  الطابق الأرضي <input type="text"/> Ground floor             </td> </tr> <tr> <td colspan="3" style="padding: 5px;"> <b>No of staircases</b>                  داخلية <input type="text"/> Internal                  خارجية مكشوفة <input type="text"/> External open                  خارجية مسقفة <input type="text"/> External covered             </td> </tr> <tr> <td colspan="3" style="padding: 5px;"> <b>No of rooms</b>                  Other <input type="text"/> حجرات غير سكنية                  Ground floor <input type="text"/>                  First floor <input type="text"/>                  Roof <input type="text"/> </td> </tr> <tr> <td colspan="3" style="padding: 5px;"> <b>عدد الحجرات</b>                  حجرات سكنية <input type="text"/> Habitable rooms                  الطابق الأرضي <input type="text"/>                  الطابق الأول <input type="text"/>                  السطح <input type="text"/> </td> </tr> </table>											<b>No of entrances</b> Open <input type="text"/> مكشوف Covered <input type="text"/> مسقف	<b>No of courtyards</b> Oblong <input type="text"/> مستطيل Square <input type="text"/> مربع	<b>عدد المدخل</b> مسقف <input type="text"/>	<b>No of liwans</b> السطح <input type="text"/> Roof الطابق الأول <input type="text"/> First floor الطابق الأرضي <input type="text"/> Ground floor			<b>No of staircases</b> داخلية <input type="text"/> Internal خارجية مكشوفة <input type="text"/> External open خارجية مسقفة <input type="text"/> External covered			<b>No of rooms</b> Other <input type="text"/> حجرات غير سكنية Ground floor <input type="text"/> First floor <input type="text"/> Roof <input type="text"/>			<b>عدد الحجرات</b> حجرات سكنية <input type="text"/> Habitable rooms الطابق الأرضي <input type="text"/> الطابق الأول <input type="text"/> السطح <input type="text"/>		
<b>No of entrances</b> Open <input type="text"/> مكشوف Covered <input type="text"/> مسقف	<b>No of courtyards</b> Oblong <input type="text"/> مستطيل Square <input type="text"/> مربع	<b>عدد المدخل</b> مسقف <input type="text"/>																							
<b>No of liwans</b> السطح <input type="text"/> Roof الطابق الأول <input type="text"/> First floor الطابق الأرضي <input type="text"/> Ground floor																									
<b>No of staircases</b> داخلية <input type="text"/> Internal خارجية مكشوفة <input type="text"/> External open خارجية مسقفة <input type="text"/> External covered																									
<b>No of rooms</b> Other <input type="text"/> حجرات غير سكنية Ground floor <input type="text"/> First floor <input type="text"/> Roof <input type="text"/>																									
<b>عدد الحجرات</b> حجرات سكنية <input type="text"/> Habitable rooms الطابق الأرضي <input type="text"/> الطابق الأول <input type="text"/> السطح <input type="text"/>																									

Type of Building	نوع المبنى	رقم المبنى No. of Building
House	مسكن	29

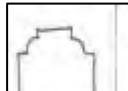
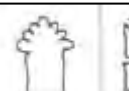



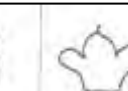
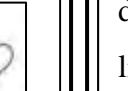
**Parapets ( Select type used )** ( ستارة السطح ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



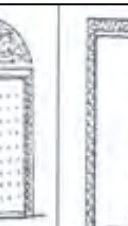


**Incised niches ( type used )** ( الكوى المزخرفة ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Plain Niches ( type used )** ( الكوى الغير مزخرفة ( الطراز المستعمل )

						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**الباب الخارجي ( الشكل المشابه لباب المبنى )**  
**Main entrance door ( design most similar )**

				
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**المخاطر التي تواجه البناء**  
**Threats to building**

Horizontal شروخ أفقية <input type="checkbox"/>	Rising damp رطوبة صاعدة <input type="checkbox"/>
Vertical شروخ عمودية <input type="checkbox"/>	Leaking roof رطوبة متسربة من السطح <input type="checkbox"/>
Diagonal شروخ مائلة <input type="checkbox"/>	Damp through walls رطوبة متسربة عبر الجدار <input type="checkbox"/>
Fungus فطريات <input type="checkbox"/>	Termites أراضه <input type="checkbox"/>
Others أخرى <input type="checkbox"/>	Vegetation نباتات <input type="checkbox"/>

**الوثائق المتوفرة**  
**Documentation**

مستندات أخرى Other records <input type="checkbox"/>	منشورات Publications <input type="checkbox"/>	صور قديمة Old photographs <input type="checkbox"/>	خرائط Drawings <input type="checkbox"/>
--	--	---	--

**ملاحظات و تعليقات**  
**Notes & comments**

This is the most important building historically. It was the residence of the ruler for over 60 years. It has four courtyards with liwans, one wind tower and series of wind catchers incorporated in the parapet. It is a large building 67m long.

The house was restored during the early nineties by the Ministry of Culture and Heritage and has been open to the public since then.



References

المصادر

Type of Building	نوع المبنى	رقم المبنى No. of Building
Masjed (M1)	مسجد (M1)	30



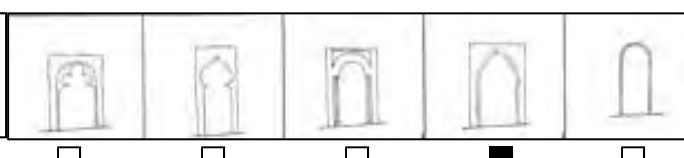
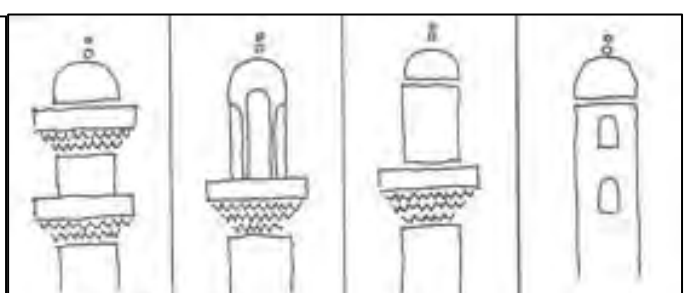
<b>Building Identity</b>										<b>هوية المبنى</b>		
الفريج Neighbourhood	الشارع Street	رقم المبنى Building number	إسم المبنى الأصلي Original name of building	إسم المبنى الحالي Present name of building	إسم المالك Owner's name	إسم الساكن Occupant's name	تاريخ البناء Date of building	حقيقي Factual	تقريبي Estimated	إسم المسجل Name of recorder		
	شارع الشيخ عيسى		مسجد الشيخ عيسى	مسجد الشيخ عيسى								

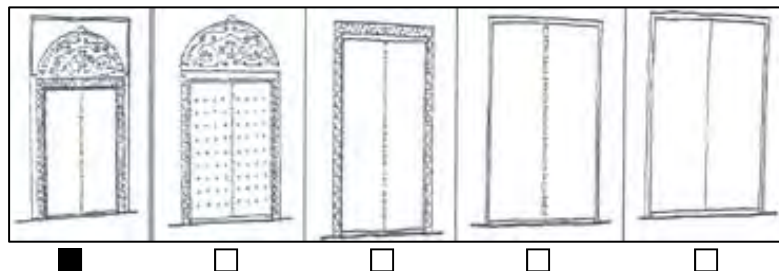
<b>Condition of Building</b>		<b>حالة المبنى</b>	
Poor	ردينة <input type="checkbox"/>	Fair	متوسطة <input type="checkbox"/>
Ruin	خربة <input type="checkbox"/>	Partially ruined	مهدمة جزئيا <input type="checkbox"/>
Good	جيدة <input checked="" type="checkbox"/>		
<b>Historical significance</b>		<b>الأهمية التاريخية</b>	
على الصعيد العالمي <input type="checkbox"/>	على الصعيد القطري <input type="checkbox"/>	على الصعيد المحلي	على الصعيد المحلي <input checked="" type="checkbox"/>
International	National	Local	Local
		Specify <input type="checkbox"/> شرح <input checked="" type="checkbox"/>	
<b>Established by</b>		<b>الجهة المؤسسة</b>	
فاعل خير <input type="checkbox"/>	مؤسسة خيرية <input type="checkbox"/>	الدولة <input type="checkbox"/>	الدولة <input type="checkbox"/>
Private	Charity	State	State
<b>Secondary use</b>	الإستعمال الثانوي	<b>Primary use</b>	الإستعمال الأساسي
<b>Name of builder</b>	إسم البناء	<b>Name of Designer</b>	اسم المصمم
<b>Conservation work</b>		<b>أعمال الترميم</b>	
In progress	جارية <input type="checkbox"/>	None	لا يوجد <input checked="" type="checkbox"/>
Complete	تمت <input type="checkbox"/>	Proposed	مزمعة <input type="checkbox"/>
Minor	طفيفة <input type="checkbox"/>	Major	أساسية <input type="checkbox"/>
<b>Environment relationship</b>		<b>الموضع</b>	
Isolated	منعزل <input type="checkbox"/>	Detached	مستقل <input checked="" type="checkbox"/>
		Attached	ملاصق <input type="checkbox"/>

<b>Building Description</b>		<b>وصف المبنى</b>	
<b>No of floors</b>	عدد الطوابق	3 <input type="checkbox"/>	2 <input checked="" type="checkbox"/>
		1 <input type="checkbox"/>	
<b>Type</b>		<b>نمط التصميم</b>	
Columned	فضاء معمد <input checked="" type="checkbox"/>	No columns	فضاء بدون أعمدة <input type="checkbox"/>
With eastern sahan	ذو صحن شرقي <input type="checkbox"/>	Domed	فضاء مقبب <input type="checkbox"/>
Other.. specify on last page	آخر. إشرح على الصفحة الأخيرة <input type="checkbox"/>	With side sahan	ذو صحن جانبي <input type="checkbox"/>
<b>Plan -</b>		<b>مخطط المسجد</b>	
Mark here elements noted in 12-17.		بين مواضع العناصر المذكورة في البنود 12-17 على هذا المخطط.	

<b>Plan of Location</b>		<b>مخطط الموقع</b>	
<b>How many bays deep?</b>		<b>عدد الخانات بين المحراب و الجدار الشرقي</b>	
أكثر من 6	More than 6 <input type="checkbox"/>	6 <input type="checkbox"/>	5 <input checked="" type="checkbox"/>
		4 <input type="checkbox"/>	3 <input type="checkbox"/>
		2 <input type="checkbox"/>	1 <input type="checkbox"/>
<b>How many bays wide?</b>		<b>عدد الخانات بين الجدار الشمالي و الجنوبي</b>	
أكثر من 6	More than 6 <input checked="" type="checkbox"/>	6 <input type="checkbox"/>	5 <input type="checkbox"/>
		4 <input type="checkbox"/>	3 <input type="checkbox"/>
		2 <input type="checkbox"/>	1 <input type="checkbox"/>
<b>Ablution</b>		<b>محل الوضوء</b>	
Mark the position of ablution space with the symbol ( a ) on plan.		بين محل الوضوء بالحرف (و) على المخطط.	
<b>Side rooms</b>	<b>الحجرات الأخرى</b>	بين أماكن الحجرات بالحرف ( ح ) على المخطط. Mark location of side rooms with the symbol ( r ) on plan.	
No on other floors	العدد في الطابق الأخرى <input type="checkbox"/>	No on ground floor	العدد في الطابق الأرضي <input type="checkbox"/>

Type of Building	نوع المبنى	رقم المبنى No. of Building
Masjed (M1)	مسجد (M1)	30

Veranda, no roof ممشى مكشوف	<input type="checkbox"/>	<b>Riwaq</b> الرواق بيّن أماكن الأروقة بالحرف ( ر ) على المخطط. Mark locations of riwaqs with symbol ( r ) on plan.
Riwaq with roof رواق معمد و مسقوف	<input type="checkbox"/>	
None لا يوجد	<input type="checkbox"/>	
<b>Stairways</b> بيّن موضع السلم بالحرف ( س ) على المخطط Mark position of stairway with the symbol ( s ) on plan.	<input type="checkbox"/>	<b>السلالم</b>
<b>Minaret</b> بيّن موضع المنارة بالحرف ( م ) على المخطط Mark position of minaret with the symbol ( m ) on plan.	<input type="checkbox"/>	<b>المنارة</b>
<b>Mihrab</b> ( Design most similar ) المحراب ( الشكل المشابه لمحراب المسجد )		
Other طراز آخر	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Materials</b> مواد البناء	<input checked="" type="checkbox"/> آخر Other	<input type="checkbox"/> رخام Marble <input type="checkbox"/> خشب Wood <input type="checkbox"/> بياض Plester
<b>Condition</b> حالة المحراب	<input type="checkbox"/> مهدم Collapsed <input type="checkbox"/> رديئة Poor <input type="checkbox"/> متوسط Fair <input checked="" type="checkbox"/> جيدة Good	
<b>Minaret</b> ( Design most similar ) المنارة ( الشكل المشابه لمنارة المسجد )		
Other طراز آخر	<input type="checkbox"/>	<input checked="" type="checkbox"/>

<b>الباب الخارجي</b> ( الشكل المشابه لباب المبنى ) <b>Main entrance door</b> ( design most similar )		
<b>Threats to building</b> المخاطر التي تواجه البناء	<input type="checkbox"/> شروخ أفقية Horizontal <input type="checkbox"/> شروخ عمودية Vertical <input type="checkbox"/> شروخ مائلة Diagonal <input type="checkbox"/> فطريات Fungus <input type="checkbox"/> أخرى Others <input type="checkbox"/> رطوبة صاعدة Rising damp <input type="checkbox"/> رطوبة متسربة من السطح Leaking roof <input type="checkbox"/> رطوبة متسربة عبر الجدار Damp through walls <input type="checkbox"/> أرضه Termites <input type="checkbox"/> نباتات Vegetation	
<b>Documentation</b> الوثائق المتوفرة	<input type="checkbox"/> مستندات أخرى Other records <input type="checkbox"/> منشورات Publications <input type="checkbox"/> صور قديمة Old photographs <input type="checkbox"/> خرائط Drawings	
<b>Notes &amp; comments</b> ملاحظات و تعليقات	<p>Large mosque, with no courtyard. It has 2 minarets, each with 3 galleries. Deep mihrab covered by a stepped, pointed arch. There is a minbar on each side of the mihrab. On top of each minbar is a stepped pointed arch similar to that of the mihrab, but smaller.</p>	



Type of Building	نوع المبنى	رقم المبنى No. of Building
Masjed (M2)	مسجد (M2)	31



### Building Identity

### هوية المبنى

الفريج Neighbourhood	الشارع Street	رقم المبنى Building number	اسم المبنى الأصلي Original name of building	اسم المبنى الحالي Present name of building	اسم المالك Owner's name	اسم الساكن Occupant's name	تاريخ البناء Date of building	حقيقي Factual	تقريبي Estimated	اسم المسجل Name of recorder
	914		مسجد سيادي	مسجد سيادي						

### Condition of Building

### حالة المبنى

Good جيدة  
 Fair منسوبة  
 Ruin رديئة  
 Partially ruined مهتمة جزئيا  
 Poor خربة

### Historical significance

### الأهمية التاريخية

على الصعيد المحلي Local  
 على الصعيد القطري National  
 على الصعيد العالمي International  
 Specify شرح

### Established by

### الجهة المؤسسة

فاعل خير Private  
 مؤسسة خيرية Charity  
 الدولة State

### Secondary use

### الإستعمال الثانوي

### Primary use

### الإستعمال الأساسي

### Name of builder

### إسم البناء

### Name of Designer

### اسم المصمم

### Conservation work

### أعمال الترميم

In progress جارية  
 Complete تمت  
 Minor طفيفة  
 None لا يوجد  
 Proposed مزعمة  
 Major أساسية

### Environment relationship

### الموضع

Attached ملاصق  
 Detached مستقل  
 Isolated منعزل

### Building Description

### وصف المبنى

No of floors عدد الطوابق  
 3  
 2  
 1

### Type

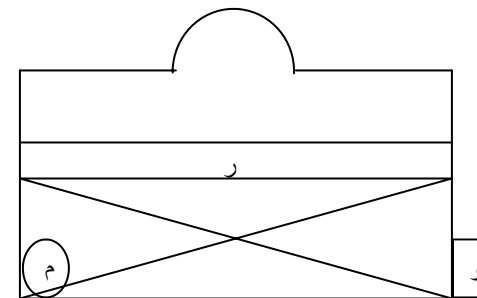
### نمط التصميم

Columned فضاء معمد  
 No columns فضاء بدون أعمدة  
 With eastern sahan ذو صحن شرقي  
 Domed فضاء مقبب  
 With side sahan ذو صحن جانبي  
 آخر. إشرح على الصفحة الأخيرة  
 Other.. specify on last page

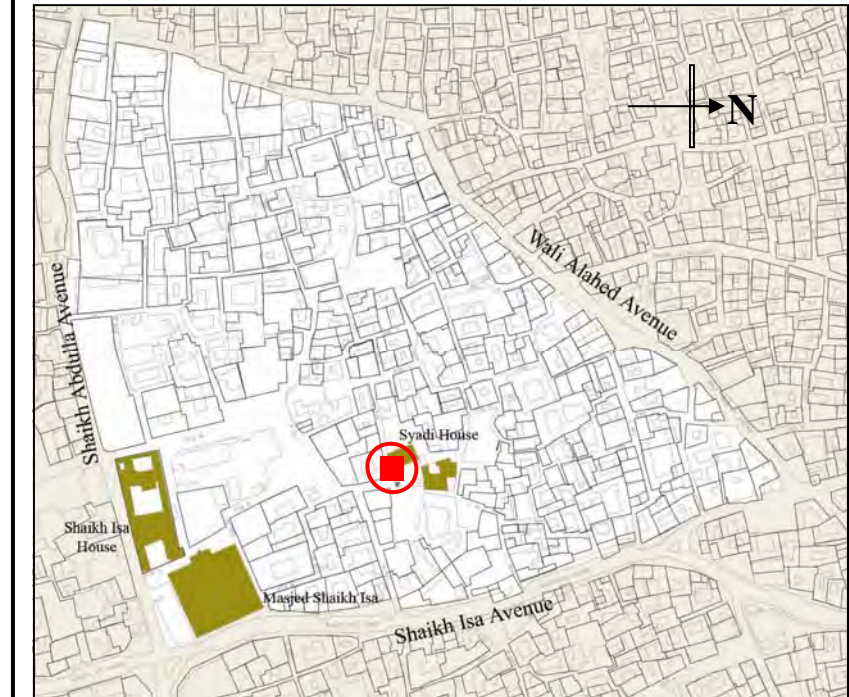
### Plan -

### مخطط المسجد

Mark here elements noted in 12-17.



بيّن مواضع العناصر المذكورة في البنود 12-17 على هذا المخطط.



### Plan of Location

### مخطط الموقع

How many bays deep? عدد الخانات بين المحراب و الجدار الشرقي  
 أكثر من 6  
 More than 6  
 6  
 5  
 4  
 3  
 2  
 1

How many bays wide? عدد الخانات بين الجدار الشمالي و الجنوبي  
 أكثر من 6  
 More than 6  
 6  
 5  
 4  
 3  
 2  
 1

### Abutment

محل الوضوء  
 بيّن محل الوضوء بالحرف (و) على المخطط.  
 Mark the position of abutment space with the symbol ( a ) on plan.

Side rooms  
 العدي في الطابق الأخرى  
 العدي في الطابق الأرضي  
 No on other floors  
 No on ground floor

العدي في الطابق الأخرى  
 العدي في الطابق الأرضي  
 No on other floors  
 No on ground floor

العدي في الطابق الأخرى  
 العدي في الطابق الأرضي  
 No on other floors  
 No on ground floor

Type of Building	نوع المبنى	رقم المبنى No. of Building
Masjed (M2)	مسجد (M2)	<b>31</b>

Veranda, no roof مشفى مكشوف <input type="checkbox"/>	<b>Riwaq</b> الرواق بيّن أماكن الأروقة بالحرف ( ر ) على المخطط. Mark locations of riwaqs with symbol ( r ) on plan.
Riwaq with roof رواق معمد و مسقوف <input checked="" type="checkbox"/>	
None لا يوجد <input type="checkbox"/>	
<b>Stairways</b> بيّن موضع السلم بالحرف ( س ) على المخطط Mark position of stairway with the symbol ( s ) on plan.	<b>السلالم</b>
<b>Minaret</b> بيّن موضع المنارة بالحرف ( م ) على المخطط Mark position of minaret with the symbol ( m ) on plan.	<b>المنارة</b>
<b>Mihrab ( Design most similar )</b> ( الشكل المشابه لمحراب المسجد )	
Other طراز آخر <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
<b>Materials</b> Other <input checked="" type="checkbox"/>	<input type="checkbox"/> رخام Marble
<input type="checkbox"/> بياض Plaster	<input type="checkbox"/> خشب Wood
<b>Condition</b> مهدم Collapsed <input type="checkbox"/>	<input type="checkbox"/> رديئة Poor
<input type="checkbox"/> متوسطة Fair	<input checked="" type="checkbox"/> جيدة Good
<b>Minaret ( Design most similar )</b> ( الشكل المشابه لمنارة المسجد )	
Other طراز آخر <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

**الباب الخارجي ( الشكل المشابه لباب المبنى )**  
**Main entrance door ( design most similar )**

**Threats to building**  
المخاطر التي تواجه البناء

Horizontal شروخ أفقية <input type="checkbox"/>	Rising damp رطوبة صاعدة <input type="checkbox"/>
Vertical شروخ عمودية <input type="checkbox"/>	Leaking roof رطوبة متسربة من السطح <input type="checkbox"/>
Diagonal شروخ مائلة <input type="checkbox"/>	Damp through walls رطوبة متسربة عبر الجدار <input checked="" type="checkbox"/>
Fungus فطريات <input type="checkbox"/>	Termites أراضه <input type="checkbox"/>
Others أخرى <input type="checkbox"/>	Vegetation نباتات <input type="checkbox"/>

**Documentation**  
الوثائق المتوفرة

مستندات أخرى Other records <input type="checkbox"/>	منشورات Publications <input type="checkbox"/>	صور قديمة Old photographs <input type="checkbox"/>	خرائط Drawings <input type="checkbox"/>
---	---	--	---

**Notes & comments**  
ملاحظات و تعليقات

Beautiful traditional structure: ten meter high plain minarat. Pointed arches to portico and mihrab, the former supported on wooden columns. The construction of the roof ( mats on bamboos on mangrove beams ) is visible in the prayer hall.



References

المصادر

Type of Building	نوع المبنى	رقم المبنى No. of Building
Masjed (M3)	مسجد (M3)	32



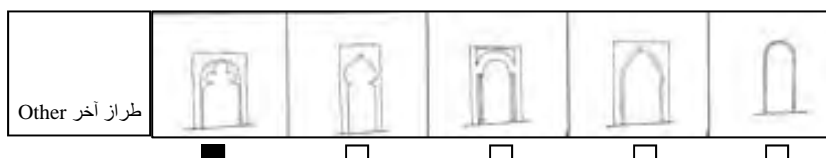
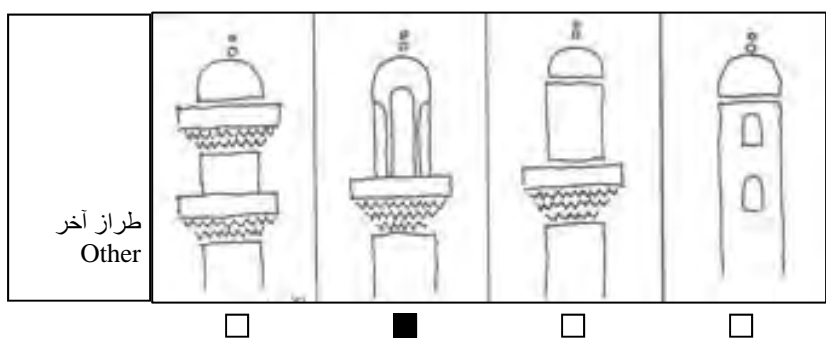
<b>Building Identity</b>										<b>هوية المبنى</b>	
Neighbourhood	الشارع	رقم المبنى	اسم المبنى الأصلي	اسم المبنى الحالي	اسم المالك	اسم الساكن	تاريخ البناء	حقيقي	تقريبي	اسم المسجل	
	932		مسجد بن نصر	مسجد بن نصر							

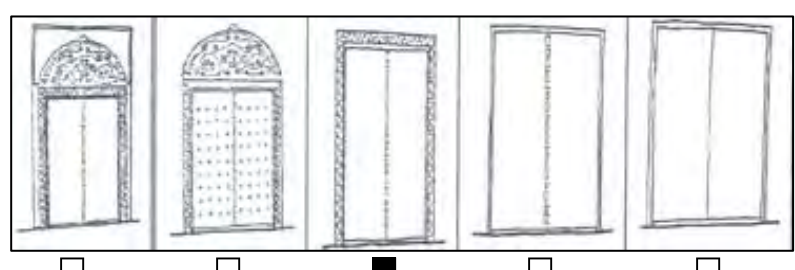
<b>Condition of Building</b>		<b>حالة المبنى</b>	
Poor	رديئة	Fair	متوسطة
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ruin	خرابة	Partially ruined	مهدمة جزئياً
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Historical significance</b>		<b>الأهمية التاريخية</b>	
على الصعيد العالمي	على الصعيد القطري	على الصعيد المحلي	
International	National	Local	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>Established by</b>		<b>الجهة المؤسسة</b>	
فاعل خير	مؤسسة خيرية	الدولة	
Private	Charity	State	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Secondary use</b>		<b>Primary use</b>	
الإستعمال الثانوي	الإستعمال الأساسي		
<b>Name of builder</b>		<b>Name of Designer</b>	
اسم المصمم	اسم المصمم		
<b>Conservation work</b>		<b>أعمال الترميم</b>	
In progress	جارية	None	لا يوجد
Complete	تمت	Proposed	مزمنة
Minor	طفيفة	Major	أساسية
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Environment relationship</b>		<b>الموضع</b>	
Isolated	منعزل	Attached	ملاصق
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

<b>Building Description</b>		<b>وصف المبنى</b>	
No of floors	عدد الطوابق		
3	2	1	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>Type</b>		<b>نمط التصميم</b>	
Columned	فضاء معمد	No columns	فضاء بدون أعمدة
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
With eastern sahan	ذو صحن شرقي	Domed	فضاء مقبب
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
آخر. إشرح على الصفحة الأخيرة	Other.. specify on last page	With side sahan	ذو صحن جانبي
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Plan -</b>		<b>مخطط المسجد</b>	
Mark here elements noted in 12-17.	بيّن مواضع العناصر المذكورة في البنود 12-17 على هذا المخطط.		

<b>Plan of Location</b>		<b>مخطط الموقع</b>	
<b>How many bays deep?</b>		<b>عدد الخانات بين المحراب و الجدار الشرقي</b>	
أكثر من 6	6	5	4
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	2	1	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>How many bays wide?</b>		<b>عدد الخانات بين الجدار الشمالي و الجنوبي</b>	
أكثر من 6	6	5	4
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	2	1	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>محل الوضوء</b>			
بيّن محل الوضوء بالحرف (و) على المخطط.			
Mark the position of abluion space with the symbol ( a ) on plan.			
<b>محل الوضوء</b>			
Mark the position of abluion space with the symbol ( a ) on plan.			
<b>Side rooms</b>		<b>الحجرات الأخرى</b>	
العدد في الطابق الأخرى	العدد في الطابق الأرضي	بيّن أماكن الحجرات بالحرف ( ح ) على المخطط.	
No on other floors	No on ground floor	Mark location of side rooms with the symbol ( r ) on plan.	
<input type="checkbox"/>	<input type="checkbox"/>		

Type of Building	نوع المبنى	رقم المبنى No. of Building
Masjed (M3)	مسجد (M3)	32

Veranda, no roof ممشى مكشوف	<input type="checkbox"/>	<b>Riwaq</b> الرواق بيّن أماكن الأروقة بالحرف ( ر ) على المخطط. Mark locations of riwaqs with symbol ( r ) on plan.
Riwaq with roof رواق معمد و مسقوف	<input type="checkbox"/>	
None لا يوجد	<input type="checkbox"/>	
<b>Stairways</b> بيّن موضع السلم بالحرف ( س ) على المخطط Mark position of stairway with the symbol ( s ) on plan.	<input type="checkbox"/>	<b>السلالم</b>
<b>Minaret</b> بيّن موضع المنارة بالحرف ( م ) على المخطط Mark position of minaret with the symbol ( m ) on plan.	<input type="checkbox"/>	<b>المنارة</b>
<b>Mihrab ( Design most similar )</b> المحراب ( الشكل المشابه لمحراب المسجد )		
Other طراز آخر	<input type="checkbox"/>	<input type="checkbox"/>
<b>Materials</b> مواد البناء	<input type="checkbox"/> رخام Marble <input checked="" type="checkbox"/> بياض Plaster <input type="checkbox"/> خشب Wood <input type="checkbox"/> آخر Other	
<b>Condition</b> حالة المحراب	<input checked="" type="checkbox"/> جيدة Good <input type="checkbox"/> متوسط Fair <input type="checkbox"/> رديئة Poor <input type="checkbox"/> مهدم Collapsed	
<b>Minaret ( Design most similar )</b> المنارة ( الشكل المشابه لمنارة المسجد )		
Other طراز آخر	<input type="checkbox"/>	<input type="checkbox"/>

<b>الباب الخارجي ( الشكل المشابه لباب المبنى )</b> Main entrance door ( design most similar )		
<b>Threats to building</b> المخاطر التي تواجه البناء	<input type="checkbox"/> شروخ أفقية Horizontal <input type="checkbox"/> شروخ عمودية Vertical <input type="checkbox"/> شروخ مائلة Diagonal <input type="checkbox"/> فطريات Fungus <input type="checkbox"/> أخرى Others <input type="checkbox"/> رطوبة صاعدة Rising damp <input type="checkbox"/> رطوبة متسربة من السطح Leaking roof <input type="checkbox"/> رطوبة متسربة عبر الجدار Damp through walls <input type="checkbox"/> أرضه Termites <input type="checkbox"/> نباتات Vegetation	
<b>Documentation</b> الوثائق المتوفرة	<input type="checkbox"/> مستندات أخرى Other records	<input type="checkbox"/> منشورات Publications
	<input type="checkbox"/> صور قديمة Old photographs	<input type="checkbox"/> خرائط Drawings
<b>Notes &amp; comments</b> ملاحظات و تعليقات	<p>This mosque consists of a columned hall without a court. Octagonal minaret with a high level gallery. The mihrab is covered by a multifoil arch.</p>	



Type of Building	نوع المبنى	رقم المبنى No. of Building
Masjed (M4)	(M4) مسجد	<b>33</b>



### Building Identity

### هوية المبنى

الفرج Neighbourhood	الشارع Street	رقم المبنى Building number	اسم المبنى الأصلي Original name of building	اسم المبنى الحالي Present name of building	اسم المالك Owner's name	اسم الساكن Occupant's name	تاريخ البناء Date of building	حقيقي Factual	تقريبي Estimated	اسم المسجل Name of recorder
	937		عبد الله سلطان الجودر	عبد الله سلطان الجودر						

### Condition of Building

### حالة المبنى

Poor  رديئة  Fair  متوسطة  Good  جيدة   
 Ruin  خربة  Partially ruined  مهتمة جزئيا

### Historical significance

### الأهمية التاريخية

على الصعيد العالمي  International  
 على الصعيد القطري  National  
 على الصعيد المحلي  Local  
 Specify  إشرح

### Established by

### الجهة المؤسسة

فاعل خير  Private  
 مؤسسة خيرية  Charity  
 الدولة  State

### Secondary use

### الإستعمال الثانوي

### Primary use

### الإستعمال الأساسي

--	--

### Name of builder

### إسم البناء

### Name of Designer

### اسم المصمم

--	--

### Conservation work

### أعمال الترميم

In progress  جارية  None  لا يوجد   
 Complete  تمت  Proposed  مزمنة   
 Minor  طفيفة  Major  أساسية

### Environment relationship

### الموضع

<input checked="" type="checkbox"/> ملاصق <input type="checkbox"/> منغزل <input type="checkbox"/> Isolated	<input type="checkbox"/> مستقل <input type="checkbox"/> Detached	<input type="checkbox"/> Attached
--	--	-----------------------------------

### Building Description

### وصف المبنى

#### No of floors

#### عدد الطوابق

3  2  1

#### Type

#### نمط التصميم

##### Columned

##### فضاء معمد

##### No columns

##### فضاء بدون أعمدة

##### With eastern sahan

##### ذو صحن شرقي

##### Domed

##### فضاء مقبب

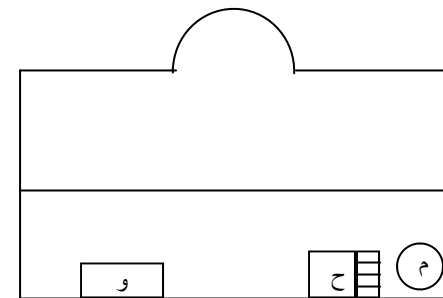
##### Other.. specify on last page

##### ذو صحن جانبي

### Plan -

### مخطط المسجد

Mark here elements noted in 12-17.



بين مواضع العناصر المذكورة في البنود 12-17 على هذا المخطط.

### Plan of Location

### مخطط الموقع

#### How many bays deep?

#### عدد الخانات بين المحراب و الجدار الشرقي

أكثر من 6  More than 6  6  5  4  3  2  1

#### How many bays wide?

#### عدد الخانات بين الجدار الشمالي و الجنوبي

أكثر من 6  More than 6  6  5  4  3  2  1

#### Ablution

#### محل الوضوء

بين محل الوضوء بالحرف (و) على المخطط.  
 Mark the position of ablution space with the symbol ( a ) on plan.

#### Side rooms

#### الحجرات الأخرى

العدد في الطوابق الأخرى

العدد في الطابق الأرضي

بين أماكن الحجرات بالحرف ( ح ) على المخطط.

No on other floors

No on ground floor

Mark location of side rooms with the symbol ( r ) on plan.

Type of Building	نوع المبنى	رقم المبنى No. of Building
Masjed (M4)	مسجد (M4)	33

Veranda, no roof ممشى مكشوف	<input type="checkbox"/>	<b>Riwaq</b> الرواق بيّن أماكن الأروقة بالحرف ( ر ) على المخطط. Mark locations of riwaqs with symbol ( r ) on plan.
Riwaq with roof رواق معمد و مسقوف	<input type="checkbox"/>	
None لا يوجد	<input type="checkbox"/>	
<b>Stairways</b> بيّن موضع السلم بالحرف ( س ) على المخطط Mark position of stairway with the symbol ( s ) on plan.	<input type="checkbox"/>	<b>السلالم</b>
<b>Minaret</b> بيّن موضع المنارة بالحرف ( م ) على المخطط Mark position of minaret with the symbol ( m ) on plan.	<input type="checkbox"/>	<b>المنارة</b>
<b>Mihrab</b> ( Design most similar ) المحراب ( الشكل المشابه لمحراب المسجد )		
Other طراز آخر	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Materials</b> مواد البناء	<input type="checkbox"/> رخام <input type="checkbox"/> خشب <input checked="" type="checkbox"/> بياض <input type="checkbox"/> آخر Other Plester Wood Marble	
<b>Condition</b> حالة المحراب	<input type="checkbox"/> مهدم <input type="checkbox"/> رديئة <input type="checkbox"/> متوسط <input checked="" type="checkbox"/> جيدة Collapsed Poor Fair Good	
<b>Minaret</b> ( Design most similar ) المنارة ( الشكل المشابه لمنارة المسجد )		
Other طراز آخر	<input type="checkbox"/>	<input checked="" type="checkbox"/>

<b>الباب الخارجي</b> ( الشكل المشابه لباب المبنى ) <b>Main entrance door</b> ( design most similar )								
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>								
<b>Threats to building</b> المخاطر التي تواجه البناء								
Horizontal شروخ أفقية <input type="checkbox"/> Rising damp رطوبة صاعدة <input type="checkbox"/> Vertical شروخ عمودية <input type="checkbox"/> Leaking roof رطوبة متسربة من السطح <input type="checkbox"/> Diagonal شروخ مائلة <input type="checkbox"/> Damp through walls رطوبة متسربة عبر الجدار <input checked="" type="checkbox"/> Fungus فطريات <input type="checkbox"/> Termites أرضه <input type="checkbox"/> Others أخرى <input type="checkbox"/> Vegetation نباتات <input type="checkbox"/>								
<b>Documentation</b> الوثائق المتوفرة								
<table border="1"> <tr> <td>مستندات أخرى Other records</td> <td>منشورات Publications</td> <td>صور قديمة Old photographs</td> <td>خرائط Drawings</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>	مستندات أخرى Other records	منشورات Publications	صور قديمة Old photographs	خرائط Drawings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
مستندات أخرى Other records	منشورات Publications	صور قديمة Old photographs	خرائط Drawings					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
<b>Notes &amp; comments</b> ملاحظات و تعليقات								
The prayer hall is column free. Sculptured octagonal minaret with one high level. Octagonal gallery with railing. Narrow deep mihrab topped by a pointed arch.								

<b>References</b> المصادر

**Capacity-Building for Enhancement Of Urban Governance: Stage 2**

### Roof Repair

Prior to repairing a roof, all roof slopes, drains and outlets should be tested to ensure that they are functioning properly. Upon completion of the work, the roof should be swept clean and all drains cleaned of debris and weed growth.

### Cleaning Stained Decorative Plasterwork

1. If the plaster surfaces appear in sound condition and not likely to flake off or collapse, a mild solution of household detergent mixed with clean water may be used to remove surface dirt. Sometimes a few drops of ammonia may be added. Great care should be taken not to soak the surface. The process may be repeated if necessary but the plaster must be allowed to dry completely between applications.
2. For more resistant stains and for the removal of fungus growth, a solution of one cup of chlorine bleach or laundry bleach mixed with a gallon of clean potable water and some household detergent may be applied with a soft bristle brush.
3. Under no circumstances should acid solutions be applied to plasterwork, because they affect the lime chemically. The rule of thumb when dealing with decorative plasterwork is always to intervene least; often satisfactory results can be achieved by the use of a damp cloth and a critical eye.



## ILLUSTRATIONS

- 1-1 Growth of Al-Muharraq Old Town
- 1-2 Diagram of Causal Relationships Showing Development of Al-Muharraq Old Town
- 1-3 Towns in the Western Indian Ocean Region
- 1-4 Covered Streets
- 2-1 Building Heights
- 2-2 Sheikh Isa Bin Ali Mosque
- 2-3 Physical Condition of Buildings
- 2-4 Sheikh Isa House and Surrounding Buildings
- 2-5 Land Use
- 2-6 Open Area Facing Seyadi Mosque
- 2-7 Part Plan of Block 209 Showing Results of Subdivision
- 2-8 Occupancy Patterns
- 2-9 Proposed Remedial Measure
- 2-10 Plan of Traditional House
- 2-11 Interior of Traditional House
- 2-12 Traditional Wall Construction
- 2-13 Traditional Construction of Floors and Roofs
- 2-14 Streetscape
- 3-1 Buildings Surveyed
- 3-2 House no. 193 on Street no. 913
- 3-3 House no. 168 on Street no.913
- 3-4 House no. 174 on Street no. 913
- 3-5 House no. 254 on Street no. 917
- 3-6 & 3-7 Interior of Abdullah Al-Zayed House
- 3-8 Small Seyadi House– Plan and Section

3-9 House No. 763 on Street no. 936

3-10 Seyadi Mosque

4-1 Proposed Planning Projects

4-2 Graphic Proposal A

4-3 Graphic Proposal B

4-4 Graphic Proposal C

4-5 Cafeteria

4-6 Shopping Complex

4-7 Inn

4-8 Community Centre

4-9 Apartments

4-10 Neighbourhood Shops

5-1 Erosion of Coral Wall

5-2 Collapsed Roof

**Credits for Illustrations:** Figure 1-1 and Figure 3-8: Yarwood 1998; Figure 1-4: Ghaidan, Figure 2-4: Kazerooni, Figure 2-10: Tariq Wali

### STUDY GROUP

<b>Usam Ghaidan</b>	Senior Urban Designer, UNESCO Expert
<b>Dr. Salim A. Elwazani</b>	Architectural Photogrammetry,
<b>Dr. Jose Luis Lerma Garcia</b>	Cartographic Engineering, Geodesy and Photogrammetry
<b>Ehsan Abdul-Qudoos</b>	Senior Architect
<b>Bushra al-Sayyed Hussein</b>	Architect
<b>Mohammed Jawad Makki</b>	Architect
<b>Qamar Muhammed Ayoub</b>	Surveyor
<b>Fatima Yousif Ahmed</b>	Information Specialist



## CAPACITY-BUILDING FOR ENHANCEMENT OF URBAN GOVERNANCE: STAGE 2

### URBAN DESIGN PROJECTS FOR TRADITIONAL AREAS IN BAHRAIN

### CHRONOLOGICAL TABLE



	YEAR	EVENT	ARCHITECTURE & URBANIZATION		YEAR	EVENT	ARCHITECTURE & URBANIZATION
PRE ISLAMIC PERIOD	6,000 B.C.	Bahrain ceased to be connected to the mainland.		ISLAMIC PERIOD	1510	Portuguese captured Goa; expansion towards Hormuz.	
	3,800 B.C.	State of Dilmun thought to have been established.	Temples on the mainland		1521 -1602	Bahrain was ruled by the Portuguese. Opening up of the Arabian Guf to European shipping began.	Bahrain fort was built.
	2234-2279 B.C.	Bahrain appeared in inscription concerning the conquests of King Sargon of Akkad			1602	Bahrain ceases to be a vassal to Hormuz & the Portuguese	
	2,000 B.C.	Dilmun's importance began to decline.			1645	Portuguese sent a fleet from India to destroy Hormuz & Bahrain.	
	1900 B.C.	King Rīm Sin of Larse in Southern Mesopotamia sent trading expedition to Bahrain			1720	Persians purchased Bahrain from the Omanis.	
	750 B.C.	Assyrian kings claimed sovereignty over the islands from this date.	Evidence in Barbar temple		1776	Muhammad bin Khalifa led some of the Khalifa families to the village of Zubara in Qatar.	In 1772 Neibhur found 60 populated towns and 300 ruined towns in Bahrain.
	721-705	King Sargon II of Assyria gained control of Bahrain			1783	First arrival of ruling Al-Khalifa dynasty	
	704-681	Inhabitants of Dilmun send tribute to King Sennacharib of Assyria			1787-1796	Sheikh Ahmed Al-Fatih conquered Bahrain and becomes first Khalifa ruler of Bahrain and Zubara	Bahrain's mercantile fleet became principal carriers of goods in the Gulf
	600 B.C.	Bahrain incorporated into Babylonian Empire.			1796	Sheikh Ahmed Al-Fatih died, succeeded by his sons Sulman & Abdullah as joint rulers.	Waves of migrants arrived in Bahrain Location for the first footstep for Al-Khalifa rulers south east coast in Jau or Jaw.
	540 B.C.	Persians conquered Bahrain.			1799	Omanis occupied Bahrain.	Omanis built Fort of Arad in Al-Muharraq island
	300 B.C.	Bahrain incorporated into the Seleucid dynasty.			18 <sup>th</sup> century		Manama fort (Qalat Aldiwan) built in Manama It consists of four round tower joined by crenelated walls. Nowadays the site is occupied by the public security headquarters.
ISLAMIC PERIOD	2nd c. A.D.	Bahrain appears on map of Ptolemy		1800	Sheikh Salman bin Ahmed Al-Fatih retires to zubara ,Qatar	Construction of Sheikh Salman's house in Al-Muharraq	
	4 <sup>th</sup> c. A.D.	Shappur II, Sassanian king, annexed Bahrain .		1800-1850		Period of massive, squat buildings with horizontal visual stress, plane wall surfaces, exposed mangrove beams and small windows in Al-Muharraq	
	630	The Prophet invited Bahrainis to embrace Islam		1810		Construction of Al-Qaisariyyah Suq in Al Muharraq	
	817-840	Leader of the Zanj revolt controlled Bahrain		1820	Bahrain signed "General Treaty" with the British East India Company	Bahrain attracted more migrants	
	10 <sup>th</sup> c	The Carmathians occupied Bahrain islands			Beginning of political unrest in Bahrain	Al-Muharraq suq gained importance	
	1058	The Bahraini Abu-I-Bahlul revolts against Carmathian rule and makes himself prince		1825	Sheikh Salman died. Sheikh Abdullah & Sheikh Khalifa became joint rulers	Entire tribes from the Arabian peninsula settled in Al-Muharraq and became political capital	
	7 <sup>th</sup> -11 <sup>th</sup> cent.	Bahrain ruled by governors on behalf of the Omayyed and Abbasid caliphs		1834	Sheikh Khalifa bin Salman expired Sheikh Abdullah became ruler		
	1058	Abu Bahlul, one of Bahrain's leading inhabitants, revolted against Carmathian rule & proclaimed himself prince.		1840		Construction of Sheikh Isa's house in Al Muharraq and became political capital	
	1154	Idrisi describes pearl diving in Bahrain					
	1279	Atabeks of Persia rule Bahrian through jurisdiction of Prince of Hormuz					
	1347	First written reference to Manama					
	15 <sup>th</sup> cent.	Bahrain united with Qatif & Hasa under Sh. Ibrahim AL-Mallki.					
	1487	Omani invasion of Bahrain					



## CAPACITY-BUILDING FOR ENHANCEMENT OF URBAN GOVERNANCE: STAGE 2 URBAN DESIGN PROJECTS FOR TRADITIONAL AREAS IN BAHRAIN CHRONOLOGICAL TABLE



	YEAR	EVENT	ARCHITECTURE & URBANIZATION
	1843	Shikh Muhammed bin Khalifa becomes ruler	
	1848	Sheikh Abdulla passed away	
	1850-1890		Large windows and pointed arches become popular in Al Muharraq
	1861	Bahrain became British protectorate	
	1867		British destroyed Fort of Abu Maher near Al-Muharraq.
	1869	Sheikh Isa bin Ali became ruler	Town plan of Al-Muharaq took shape. Each tribe had its own neighbourhoods, built around its mejlis and mosque.
	1890-1930		Period of formal house plans, structural elements become visible on the facades. Tall, shuttered windows and wind towers, timber-boarded ceilings and use of stained glass became popular in Al Muharraq.
	1890	Prosperity and growth of pearling industry. Al Muharraq owned 65% of the island's fishing fleet and 40% of its merchant navy.	New shoreline established by reclamation 60m from original shore
MODERN PERIOD	19 <sup>th</sup> century		Mosque Ras Rummaan in Al-Manama built. The minaret is of the mud brick, one of the few remaining examples in Al-Manama.
	1902		American Mission Hospital opened in Al-Manama.
	1909		Quarantine station built in Al-Manama.
	1912		Maritime port of Manama (mina Manama) built with a goods warehouse.
	1919		Municipality of Al-Manama Built.
	1923	British political influence intensified. Sheikh Isa abdicated. His son Sheikh Hamad became deputy ruler.	
	1935	Sheikh Isa died. Sheikh Hamad became ruler	Public services, (municipalities, education, etc) developed
	1933	The first tanker-load of oil left Bahrain. Pearling industry began to slump.	
	1942	Sheikh Hamad died. Sheikh Salman became ruler.	

	YEAR	EVENT	ARCHITECTURE & URBANIZATION
MODERN PERIOD	1971	Bahrain became independent	
	1927-1951		Uncontrolled urban growth. Loss of traditional architectural character. Migration out of Bahrain
	1932	Discovery of petroleum Sheikh Hamad bin Isa bin Ali became ruler	
	1932-1937		Bait Skinner built (first Manama home of Mr. & Mrs. Edward Skinner), Mr. Skinner was Bapco's first Vice President
	1934 - 1953		In Manama this period is well associated practically and historically with the first years of oil exploration, when urbanization began in Bahrain generally and in Manama specifically. Appearance of quarters of distinctive architecture of modern character such as Quodaibeya, Hoorah, Sequaya and Salmanya.
	1934	Oil produced in commercial quantities	Al Manama gains in importance. Al Muharraq loses its political importance
	1936		First public garden (Al Buqsha) opened in Al-Manama.
		Conversion into museum of culture in Manama. Manama Suq and Wednesday market in Al Manama was burned	Al Muharraq suq attained its maximum size
	1937		Pearl cinema built in Al-Manama.
	1938		Friday Mosque built with first oil revenues in Al-Manama. It has an imposing minaret decorated with colorful geometric designs composed of mosaics.
	1938		Bahrain's first petrol filling station built in Al-Manama, designed in the classic proportions of a mosque, hence the very high roof and arch-way design.
	1938		Air conditioners introduced into Al-Manama.
	1940		Manama palace built.
	1940		Work commenced on the swing bridge spanning the deep-water channel connecting the two ends of Muharraq-Manama causeway.
	1940		Al-Muharraq suq grown to maximum size
	1942		Muharraq-Manama causeway completed with the completion of the swing bridge.



**CAPACITY-BUILDING FOR ENHANCEMENT OF URBAN GOVERNANCE: STAGE 2**  
**URBAN DESIGN PROJECTS FOR TRADITIONAL AREAS IN BAHRAIN**  
**CHRONOLOGICAL TABLE**



	YEAR	EVENT	ARCHITECTURE & URBANIZATION
	1945		Bab al Bahrain (gate of Bahrain) built in Al-Manama. There were as many as hundred dhow anchored off the pier and tied up alongside
	1946	Al Manama became headquarters of British Political Resident for the Persian Gulf	
	1948		Government Houses in Al-Manama Distinguished by a "honey-comb" style of sun baffles around the building exteriors.
	1950		Jashanmal department store built in Al-Manama
MODERN PERIOD	1954 - 1969		In Manama this stage is considered as an illustration of a set of economic, population, and architectural developments, where citizens moved remarkably into neighborhoods. The current plan of Manama clearly shows the extent to which the city and its grid plan were affected. And The significant areas came into existence in this period are: Gofol ,Mahooz, Adleya, Bilad Qadeem, Zinj, Jufair, Om Al-Hasam were added to the city .
	1956		Bait Skinner demolished in Al Manama. Almoayyed building built in Al-Manama, the first high rise buildings appeared in Bahrain
	1958	Al Manama declared to be free port	
	1962	Deep water port facilities of Mina Salman opened	
	1968		Establishment of new town of Madinat Isa Population. (1991) 34500.
	1970 - 1977		In Manama this period is the stage of organized and planned development of Manama city, away from the random scatter of construction, when the city areas stretched
	1971	Proclamation of Bahrain's independence	Traditional house designs fall out of favour western type house plans are preferred in Al Muharraq
	1975		State acquired the early 19 <sup>th</sup> c. Syadi House in Al-Muharraq.
	1976		Conservation work began on sheikh Isa House in Al-Muharraq
	1978 - 1986		In Manama this Stage Witnessed the architectural boom at the country level in general and at Manama level specifically

	YEAR	EVENT	ARCHITECTURE & URBANIZATION
MODERN PERIOD	1981		Manama suq built for merchandise, gold as well as fabrics
	1981		Bahrain Montetary Agency, bearing facsimiles of Dilmun seals built in Al-Manama
	1981		Bait Al Koran, built in Al-Manama this "minaret for Islamic and humanitarian thought" to form an international centre.
	1981	Bahrain joins Gulf co-operation council	National Bank of Bahrain built in Al Manama. New ministry of Justice & Islamic Affairs built In Manama. Chartered bank opened in Al Manama.
	1981		British Bank of the Middle East built in Al Manama.(whose doors feature impressions of seal-stones excavated at various site in Bahrain)
	1981		Bahrain's first petrol-filling station demolished in Al Manama.
	1982		Ministry of Finance & Foreign Affairs completed.
	1984		Establishment of new town of Madinat Hamad

United Nations Development Program-Bahrain Ministry of  
Municipalities and Agriculture Affairs

Capacity Building for the Enhancement  
Of Urban Governance  
(Stage 2)

## **Photogrammetric Documentation for Muharraq and Manama Urban Design Pilot Projects**

SALIM A. ELWAZANI  
Architecture & Environmental Design Studies  
State University, Bowling Green, Ohio U.S.A.

JOSÉ L. LERMA  
Department of Cartographic Engineering, Geodesy  
and Photogrammetry  
Polytechnic University of Valencia  
Valencia-Spain

**July 4, 2006**

### **Table of Content**

1. Introduction
2. Documentation Considerations in the Context of the UNDP/MoMAA Undertaking
3. Field Operations and Office Rectification Tasks
4. Output Images and Mosaics
5. Summaries, Conclusions, and Recommendations

### **1. Introduction**

This report presents the results of the heritage documentation team's mission in connection with "Capacity Building for Enhancement of Urban Governance," a joint undertaking of the United Nations Development Program (UNDP) and the Bahrain's Ministry of Municipalities and Agriculture Affairs (MoMAA). The two members of the team worked concurrently for most of the time although commenced and concluded work at different dates. Dr. Jose Luis Lerma, a geodetic and cartographic engineer as well as photogrammetry specialist, worked for the period June 20-July 1; Dr. Salim Elwazani, a conservation architect and documentation specialist, worked for the period June 21-July 4. The work served the three projects of Stage Two of the UNDP/MoMAA undertaking:

- Pilot Project 1: Urban Design of the City of Muharraq Cultural Heritage Area
- Pilot Project 2: Urban Design of the City of Manama Cultural Heritage Area
- Pilot Project 3: Architectural Re-Design of the Qayseriyyah Souq in Muharraq

In consultation with the UNDP/MoMAA Project Director and the three pilot project consultants and understanding their needs, it became clear using the Digital Rectified Imagery (DRI) method was—because of its relative speed, simplicity, and output format—an appropriate choice for the purpose of the projects. The short mission period of the documentation team consultants made the choice even more appropriate. The documentation work proceeded through data acquisition phase on site and data processing and presentation in the office.

The team mission was carried out with the UNDP/MoMAA Phase One mandate in mind, specially the part that was dealt with in the IT Consultant's report. This report emphasized establishing of a national heritage documentation center and developing a decision support system for urban conservation planning. The IT Consultant proposals dealt with diversity of documentation issues. For example, training and education was one of five functions of the proposed National Heritage Documentation Center (NHDC). The Report (p. 272) emphasizes "training of architects and preservation specialists in the procedures of architectural documentation." As part of the documentation team's mission, training through demonstration and personal implementation of rectification has therefore been extended to a number of architects and architectural interns of the Section of Studies and Research (SSR).

### **2. Documentation Considerations in the Context of the UNDP/MoMAA Undertaking**

#### 2.1. General

Photogrammetric documentation is embedded in the UNDP/MoMAA undertaking requirements. As such, the documentation team has appropriated and used the Digital Rectified Imagery, one survey and documentation method of the field of photogrammetry. A series of measurable urban and architectural ensemble elevations have been produced. To assimilate the basis and the scope of the documentation team work, a brief definition of photogrammetry and a number of its known methods is brought up below. Further, the level of documentation provision versus pilot projects needs is mentioned. Finally, a description of the documentation procedure and activities is outlined.

#### 2.2. Photogrammetry and Digital Rectified Imagery (DRI)

Photogrammetry means measuring from photographs or images. A photogrammetric procedure consists universally of data collection and data processing phases. The demand for efficient use of the dimensional information resulting from the photogrammetric process requires a compatible information management system in place. A synopsis on DRI is presented below with the intent of placing the documentation team's utilization of the rectified imagery method in an informative context for the DoDAA's Section of Studies and Research and other interested parties. Further, a clarification for stereo-photogrammetry and orthoimagery, other documentation approaches of particular relevance to heritage site documentation, is also presented to provide basic but distinguishing information about methods of photogrammetry. This will help make educated decisions on using appropriate methods for measured survey projects in future.

Rectified imagery (or photography) is based on satisfying a parallelism condition between the plane of the architectural surface under documentation (the object) and the plane of the image. This very condition implies that the object plane has to be essentially "geometrically" plane. The process of bringing the two planes into parallelism (namely, removing "tilt" displacement between the two planes) is called rectification, hence rectified imagery. The outcome of the rectification process is a scaled rectified image well suited for dimensional measurement of building surfaces and, subsequently, for producing measured drawings of building elevations, flat ceilings, and the like.

Rectified imagery is a single image approach, in the sense that images are rectified individually, although two or more rectified images can be further processed to yield extended scenes—expressed as mosaics in the photogrammetric parlance. In a geometric sense, DRI corrects tilt displacement, but not “depth” displacement (that is typically associated with the side of the building apparent in the image, for example). Tilt displacement is expressed through the angle formed by two unparallel planes, in this case, the architectural surface plane and the plane on which the image is formed in the camera.

Stereophotogrammetry, on the other hand, employs two or more photographs. It deals with and turns depth displacement to a measurement advantage. Its principles are based on how the eyes perceive depth distances in viewed objects. Viewing objects by two eyes is called binocular vision. Binocular vision is far superior to monocular vision (by one eye) in judging depth distances. Binocular vision of an object leads to stereoscopic model. Simulating a stereo model setting begins with arranging two images, called stereo pair, in a stereoscopic instrument in such a way that the left eye sees (in the created model) the left image of the object point, and the right eye sees the right image. The formulation of the stereoscopic model enables the measurement of distances in three dimensions—in plan and elevation.

Ortho-imagery, a third approach of relevance to documenting heritage sites, goes one step further beyond rectified imagery to collapse all objects in a scene into (the) one reference plane. All planes parallel to the reference plane collapse to this reference plane. All information in the scene, now framed at the scaled reference plane, turn into measurable dimensional information. Either 3D models built up after stereo-photogrammetric plotting or surveying methods can be used to produce true orthoimage (or orthophoto) elevations. The benefit of orthoimagery is that all the image content (texture) is placed on its correct position on the reference plane. As orthoimagery corrects both tilt displacement and depth displacement, it combines the application advantages of both DRI and stereophotogrammetry.

From the array of photogrammetric methods, the documentation team had, from the outset, considered the use of DRI for the UNDP/MoMAA undertaking. After conferring with the Director of the SSR and with the consultants of the three pilot projects, the decision to employ the method has been confirmed. The two urban design projects and the architectural re-design project all lacked information of individual building elevations and of extended elevations of urban scenes in their respective project areas. The “visual” rectification version of the rectified imagery approach was determined as an efficient technique to use, as it

combines the benefits of practicality and speed. This implementation of this method resulted in a series of scaled photographic elevations that can be readily converted into measured drawings in a CAD environment.

### 2.3. Pilot Projects Needs for Documentation

Slating buildings and areas for documentation was done intermittently in an incessant flow of consultations with the three design pilot project consultants. Constrained by the limited time availability of the documentation team members (nine and twelve working days, respectively), the design consultants were pressed to prioritize the need for survey and documentation in their respective urban areas of study. The result was limited survey coverage of the two urban design cultural heritage areas of Muharraq and Manama. Conversely, the Qaysariyyah Souq complex received considerable coverage as a decision was made early on by the SSR Director to do so because of the relative urgency for completing the Souq’s re-design coupled by clarity of what needs to be documented.

The limited availability of the documentation team did not only restrict the magnitude of building ensembles that could be recorded, but also derived the thought of the need for three classifications of images:

1. Rectification action images: these are the images that are meant to be rectified, and were indeed rectified by the documentation consultants.
2. Rectifiable images: these are images that can be rectified at some time in future by the SSR architectural personnel.
3. Context images: these are images that are not meant to be rectified, but provide context information mostly for buildings documented by images of Classification 1, rectification action images.

## 3. Field Operations and Office Rectification Tasks

### 3.1. General

The documentation consultants’ work consisted of field operations and office activities. In specific terms, the work comprised:

- Capturing images on site (data acquisition)
- Rectifying images in the office (data processing)
- Training young architects and interns on digital rectified imagery processes, mostly in the office
- Touring and exploring the three project areas with the SSR Director, pilot project consultants, and office architectural personnel

- Conferring with the SSR Director and design consultants on a daily basis for coordinating documentation work with project requirements
- Note taking and development of the documentation consultants’ report
- Collaborating with the Qaysariyyah Souq project consultant for initial thoughts on the re-design program and site historic information

### 3.2. Field Operations

Field surveys for capturing images followed a linear pattern of operations. Using a wide-angle camera (Canon Digital Camera EOS D60, resolution 6.3 MPixels; 15mm Sigma lens), image capturing had been, in all cases, initiated at one end of a building row—which coincided with a street junction corner in many cases. Moving towards the other end of the building row, a series of digital images were captured in such a way to maintain an overlapping coverage between images of adjacent buildings. Photographic operations had of course dealt with buildings, but the emphasis was placed on the continuity of the linear “scene,” including voids and objects between buildings. This emphasis goes well with the type of information needed to carry out urban analysis and design. The camera’s image numbering system helped link individual images to a separate hand-marked image identification setup on a hard copy map. This linkage enabled the retrieval and arrangement of the series of sequential images, and in the end, enabled the selection of appropriate images for rectification.

### 3.3. Office Rectification

Office rectification of the captured images was completed in a repeated, but structured procedure using Adobe Photoshop CS and plug-in Panorama Tools. In its simplest structure, the procedure begins with rectifying two adjacent images separately; taking advantage of the overlapping region in the two images, it advances to fusing the already rectified images into a new entity called a mosaic. In an additional step, another single rectified image is then brought to fuse into the initial mosaic to form a new, expanded mosaic. The steps repeat and the mosaic expands till the building row is all accommodated in a final mosaic-ed scene.

#### 4. Output Images and Mosaics

##### 4.1. General

Images captured in the field amounted to 454 distributed unevenly among the three pilot project areas. The lion's share went to Pilot Project 3, the Qyseriyyah Souq in Muharraq, and not to any of the remaining pilot projects for the urban cultural areas of Muharraq and Manama. The fact that the Qyseriyyah Souq complex is of a set size and of graspable architectural redesign program prompted the decision to concentrate on this complex for almost the first week of the documentation activities. Table 1 depicts image distribution by a) project and, b) image classification—as either action image, rectifiable image, or context image. It also shows the final output of the documentation function, the mosaics—measurable ensembles of building elevations.

Table 1. Image distribution by pilot project, image classification, and output mosaics

<i>Pilot Project</i>	<i>Action Images (rectified)</i>	<i>Rectifiable Images</i>	<i>Context Images</i>	<i>Total</i>	<i>Resulting Mosaics</i>
Pilot Project 1: Muharraq Cultural Heritage Area	13	60	9	82	1
Pilot Project 2: Manama Cultural Heritage Area	15	146	6	167	2
Pilot Project 3: Qyseriyyah Souq in Muharraq	26	159	20	205	3
Total	54	365	35	454	6

The balance of this section identifies the mosaics completed for each pilot project and provides summary information about the alternative forms in which the mosaic was produced based on its resolution and the size of sheet it is meant to be printed on.

##### 4.2. Pilot Project 1: Muharraq Cultural Heritage Area (Shaikh Abdulla Bin Isa Avenue and House)

###### Summary

Total number of images: 82  
 Total of rectifiable images: 60  
 Contextual: 9  
 Rectified imagery: 13

###### Output mosaics

Full resolution: Shaikh Abdulla-South Elevation.jpg  
 Low resolution A3 (42 cm width and 100 dpi): Shaikh Abdulla-South Elevation\_A3.jpg  
 Low resolution A4 (21 cm width and 100 dpi): Shaikh Abdulla-South Elevation\_A4.jpg (Fig. 1)



Figure 1. Shaikh Abdulla-South Elevation\_A4.jpg

## 5. Summaries, Conclusions, and Recommendations

The documentation team assignment proved to be multifaceted in content and intense in action. The salient facets of the assignment include the following:

- Adherence to the UNDP/MoMAA Undertaking
- Documentation needs and coverage: the scope of work
- Documentation pace and progress
- Training of architects and interns
- DRI and photogrammetry
- Documentation output and its use

This section presents summaries, conclusions, and recommendations associated with each of the facets mentioned above.

### 5.1. Adherence to the UNDP/MoMAA Undertaking

#### *Summary*

Phase One of the UNDP/MoMAA undertaking “Capacity Building for Enhancement of Urban Governance,” is the basis for the Phase Two work involving the three pilot projects. The documentation team mission was expected to adhere to the intent of the undertaking in general, and to the requirements of the pilot projects in particular.

The documentation consultants used the Phase One reports’ information as a reference for their work—particularly that of the IT Consultant. Among other things, the IT Consultant’s report emphasized training and education as one of five functions of the proposed National Heritage Documentation Center (NHDC)

#### *Conclusions*

The documentation consultants worked closely with the SSR Director and with the design consultants in charge of the Phase Two pilot projects to identify and prioritize the scope of documentation work. The results accord particularly with Phase One IT Consultant’s proposed strategies. The process and outcomes of the documentation function as well as the personnel training activities represent a nucleus unit for realizing the IT strategies.

#### *Recommendations*

The results of the documentation team mission should be capitalized on to jump start the IT proposals. This could be done, for example, by an attempt to relate the team’s work aspects (DRI choice, training component, and the like) into the IT strategies. An early thrust in this direction is bound to yield a more effective response to IT strategy proposals.

### 5.2. Documentation Needs and Coverage: the Scope of Work

#### *Summary*

The documentation needs of the pilot projects were roughly described before hand. These needs gradually evolved during the initial stages of projects. The documentation consultants strived to figure out what segments of the pilot project areas to be covered.

#### *Conclusions*

The documentation coverage and schedule has been influenced by the

evolving needs of the pilot projects, and more so by the duration of documentation consultants’ mission. Interestingly, at this point (second week of Stage 2), the pilot project design consultants are not yet in a position to use DRI output images and drawings in effective way. However, they sense the potential value of DRI documentation to their respective projects.

#### *Recommendations*

A reasonable assessment of urban design project documentation needs is required. Soliciting pilot project consultants’ views on the *need* for documentation services and documentation outcome formats will be useful in directing future integration of documentation with urban and architectural design projects. Their views are best to be solicited while still on their mission, and more so towards the end of the mission. The duration and synchronization of documentation consultants and design consultants work is expected.

### 5.3. Documentation Pace and Progress

#### *Summary*

At the beginning of the mission, there was little grasp of how fast documentation activities would progress.

#### *Conclusions*

Faced by the vast physical and spatial contexts of the pilot projects, the documentation consultants strived to establish a pace or some sort of “rate” for documentation activities to help predict documentation performance, and subsequently, to help estimate the scope of work that can realistically be achieved.

#### *Recommendations*

An approximate rate of documentation (depending on established factors) needs to be set. A documentation pilot exercise at the outset of the mission is a recommended vehicle for working out a rate.

### 5.4. Training of Architects and Interns

#### *Summary*

Although assumed, training the SSR architects and interns had no fixed plans before the documentation consultants arrived.

#### *Conclusions*

The training component turned out to be intense and time consuming; it took time that could have been used in documenting more buildings and producing more measurable mosaics. However, the implemented training holds a definite promise. At least four trainees showed a reasonable grasp of the DRI and its associated digital skills. To gain real benefits, the trained personnel need to enhance their skills by sustaining a stream of rectification work.

#### *Recommendations*

A plan for the trained personnel to sustain their understanding and skills in using the DRI is to be instituted and followed immediately. Also, a design for a training program in the area of documentation in general, and photogrammetry in particular, should be initiated.

### 5.5. DRI and Photogrammetry

#### *Summary*

Besides the DRI, other photogrammetric methods, such as stereophotogrammetry and orthoimagery, can be used for documenting heritage buildings and areas.

#### *Conclusions*

The decision to use DRI was based on its simplicity, pace, accuracy level, and the inherent characteristics of producing scaled elevations. These factors made it an efficient and compatible method for “serving” the pilot projects—as they stand now.

#### *Recommendations*

As the needs for the UNDP/MoMAA undertaking expand and change, other photogrammetric methods should be considered for use—well in advance. A drive is encouraged towards anticipating what kind of urban and architectural projects are likely to emerge in the short, intermediate, and long terms. A preliminary, but guiding, view should be developed on the possibilities of using photogrammetric or other survey techniques to serve the anticipated projects.

### 5.6. Documentation Output and Its Use

#### *Summary*

Over 450 images have been produced in the three pilot project areas, but still these images covered only limited segments of street elevations especially in Muharraq and Manama cultural heritage areas. Only 54 images were rectified to produce, in total, six elevation mosaics—a measurable ensemble of building elevations. Eighty percent of the images are of the “rectifiable” classification and left for rectification by others.

#### *Conclusions*

The limited number of buildings and scenes for which images have been captured in the three pilot project areas, and the limited number of the captured images that had actually been rectified hardly provide comprehensive documentation. However, the documentation consultants’ enterprise provided an opportunity for all parties, including the SSR Director, the design pilot project consultants, and the trainees: to be introduced to the DRI methodology, assess their needs, and adjust their thoughts about how best to take advantage of the opportunity.

#### *Recommendations*

Pilot project consultants can be instrumental in assessing and characterizing the need for documentation in urban design and urban complex re-design projects in general. Their views should be taken into account in formulating future documentation guidelines on “what” “how much” and “how” to document. Further, a system for organizing and accessing all classes of image information needs to be developed. This will function as the nucleus for an evolving comprehensive image data base serving urban projects and municipal needs.