## Comparison of Environmental, Housing, and Socio-Economic Conditions for the Four Sites

Matrix 01: Environmental Conditions

| Case Study | Khuda Ki Basti (KKB) | Nawalane (NL) | Fahad Square (FS) | Paposh Nagar (PN) | Labor Square (LS) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Settlement layout | Orthogonal Grid Iron plan with a house cluster layout around central amenities | Grid Iron plan based on the site topography with back to back houses | Part of the Grid Iron plan of Gulzar-e-Hijri. Compound type apartment block | Grid Iron plan with streets on the front and back of houses | Part of Grid Iron plan of the SITE Town with spaces between apartment blocks acting as spill out spaces and streets |
| Built area | 55.62 \% | 75.68 \% | 70.66 \% | 76.61 \% | Not Available |
| Open area (voids which are either open spaces or un constructed plots) | 44.68 \% | 24.32\% | 29.4 \% | 23.39 \% | Not Available |
| Noise Level Control (traffic and general noise) | Good | Fair | Fair | Fair | Fair |
|  | As the settlement is located on the outskirts of the city there is no noise pollution | The road facing houses complain of noise pollution generated by traffic and surrounding commercial activities | The road facing apartments have noise pollution problem due to traffic | The road facing houses have noise pollution problem due to traffic | The road facing apartments have noise pollution problem due to heavy industrial area traffic |


|  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Air and Ventilation | Good | Poor | Fair | Fair | Fair |
|  | Good air quality due to its location outside the city | High level of carbon monoxide due to area pollution. <br> Poor ventilation because of narrow, congested streets | The road facing apartments complain of carbon monoxide pollution but the apartments opening onto the central compound have access to clean, fresh air | The road facing houses complain of carbon monoxide pollution due to area pollution | The road facing apartments complain of carbon monoxide pollution due to area pollution |
| Solid waste disposal | Fair | Fair | Good | Fair | Poor |
|  | No garbage dump seen on the streets. Some garbage dumped in open plots. <br> Strong concept of recycling introduced by SAIBAN and a general low level of consumerism leads to less garbage production. | No garbage dump seen on the streets. <br> Some garbage dumped in open plots. <br> Garbage collected through sweepers who take it to collection points. <br> The main problem lies at the collection points because of city level municipal inefficiency to collect garbage on time. | The union of the apartments is responsible for ensuring adequate solid waste disposal. There are certain garbage collection points and overall disposal is adequate | No garbage dump seen on the streets. Some garbage dumped in open plots. <br> Garbage collected through sweepers who take it to collection points. The main problem lies at the collection points because of city level inefficiency to collect garbage on time. | Many garbage dumps seen on the streets. No adequate system of garbage collection. The reliance is on government sweepers who do not collect garbage promptly. |


| Drainage during rain | Fair | Poor | Fair | Fair | Fair |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | The natural slope of the terrain does help the drainage of rain water but the low lying areas become collection points as is the case in the rest of Lyari (The town in which NL is located) |  |  |  |
| Water supply | Poor | Poor | Poor | Fair | Poor |
|  | Water supply is inadequate and irregular | Being a low lying area there are issues of water supply | Water is mostly obtained through water tankers for which money is collected by the union from each apartment | Adequate supply by the concerned government agencies | Water supply is inadequate and irregular |
| Sanitation | Good | Poor | Fair | Good | Poor |
|  | Low cost sanitation model based on the Orangi Pilot Project successfully executed | As it is a low lying area there are issues of adequate drainage | Drainage lines have severe maintenance issues | Adequate maintenance by the concerned government agencies | Drainage lines have severe maintenance issues |
| Electricity | Fair | Fair | Fair | Fair | Fair |
|  | All the localities have formal electricity connections but they experience frequent power failures as is the case with the rest of the city |  |  |  |  |


| Security of area | Good | Poor | Good | Fair | Fair |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | The suburban settlement provides adequate security | There are issues of gang wars | The gated community ensures good security | Adequate security due to the political patronage of MQM that the area enjoys | Although it is a gated community but there are no checks on people entering the area and anyone can walk in but close links with neighbors help in pointing strangers out. |
| Parking for cars | N/A | Poor | Good | Fair | Fair |
|  | Residents do not mostly own cars. The primary and secondary streets are wide enough to accommodate cars | The primary streets are wide enough to accommodate cars. Cars cannot enter secondary streets. | The compound accommodates all parking requirements. | Some of the residents own car, they are mostly parked on the streets. | The ownership of vehicles is minimal. Few of the residents own motor bikes that are parked on the streets cum compound in front of apartments |
| Traffic condition | N/A | Poor | N/A | Fair | N/A |
|  | Not applicable as the car ownership and visits are low | Traffic volumes are high during peak hours on the main roads. | Not applicable as it is a gated compound with adequate parking facility | The primary roads get congested during peak hours but the secondary streets are OK | Not applicable as it is a gated area and secondly very few people own vehicles |
| Landscaping and vegetation | Poor | Poor | Poor | Poor | Poor |
|  | Few scattered tree plantations | Tree plantations on the main roads, the narrow streets have no space for plantations. Some potted plants kept by residents | Individual apartments have some plants, no plantations on community level | Very Few trees | No trees or plantations seen at all |


| Area Parks | Good | Poor | Fair | Fair |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  | 2.52 \% of the total area is <br> designated for area parks. <br> Some of the area parks have <br> been developed and are in <br> use by the residents | No space for any area <br> parks | No space for any area <br> parks. The cemented <br> compound serves as the <br> play and socializing area. <br> Nearby parks are utilized <br> for different purposes | 1.67 \% of the total <br> area is utilized as <br> area level park | One park was seen within the <br> boundary wall of the <br> apartment blocks but it was <br> not being utilized and was a <br> ground rather than a park |
| Dominant land use <br> and consequent <br> street condition | Residential streets are mostly <br> used for recreation and <br> economic and social activities <br> like children playing, parking <br> of carts and socializing | Commercial Use is on the <br> main road and Residential <br> on secondary lanes. The <br> lanes are too narrow for <br> any playing activity to take <br> place | Residential in apartments <br> and playing and socializing <br> in the compound. | Residential streets <br> are mostly used for <br> recreation and <br> economic and social <br> activities like children <br> playing, parking of <br> cars and socializing | Streets in front of the <br> apartments are mostly used <br> as interaction and recreation <br> areas |

Note

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- Fair is an indication of average environmental conditions in the given context where there are some problems or irregularities.
- Poor is an indication of below average environmental conditions where there are more irregularities and major problems.
- Results of KKB, NL, FS and PN are based on detailed surveys, observations and interviews. The case of LS is based on observations only.

Matrix 02: Housing Conditions

| Case Study | Khuda Ki Basti (KKB) | Nawalane (NL) | Fahad Square (FS) | Paposh Nagar (PN) | Labor Square (LS) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Average Plot/Apartment size | $\begin{gathered} 80 \text { sq. yards } \\ (67 \mathrm{sq} \cdot \text { meters }) \end{gathered}$ | $\begin{gathered} 120 \text { sq. yards } \\ (100 \text { sq. meters }) \end{gathered}$ | $\begin{gathered} 81.6 \text { sq. yards } \\ \text { (68.2 sq. meters) } \end{gathered}$ | $\begin{gathered} 66.6 \text { sq. yards } \\ \text { (55.7 sq. meters) } \end{gathered}$ | $\begin{gathered} 61.2 \text { sq. yards } \\ \text { (51.2 sq. meters) } \end{gathered}$ |
| Layout of Houses/ Apartments | One to two room layout of single household around a private internal courtyard which is connected to the toilet, kitchen and the staircase. The first floor usually has one to two rooms and roof terrace. ( refer house plans KKB) | Two to three room layout of multiple households around a shared internal courtyard which is connected to the toilet, kitchen and the staircase. The same maybe repeated on the upper floors. ( refer house plans NL) | One or two room layout of single household around a lounge/living area which is connected to the toilet and kitchen. The common staircase and shared courtyard/open space are outside. ( refer apartment plans FS) | Two to three room layout of multiple households around a shared internal courtyard which is connected to the toilet, kitchen and the staircase. The same maybe repeated on the upper floors. <br> ( refer house plans NL) | Two rooms layout of double household around an entry foyer which is connected to the toilet and kitchen. The common staircase and shared street act as spill out spaces. |
| Average household size | 6.7 | 13.56 | 5.72 | 6.7 | 10 |
|  | Mostly Nuclear families | Mostly Extended families | Mostly Nuclear families | Mostly Extended families | Mostly Extended families |
| Average number of families per plot | 01 | 2.7 | 01 | 1.5 | 02 |
| Average number of rooms | 03 | 5.0 | 03 | 04 | 02 |
| Average Built up | G+1 | G+2 | G+6 | G+2 | G+3 |
| Land value per square yard | PKR 5,000 (\$ 61) per sq. yard for a typical house of G+1, having a total covered area (all floors) of 160 sq yards (133.78 sq meters) | PKR 7,352 (\$90) per sq. yard for a typical house of G+2, having a total covered area (all floor) of about 360 sq yards (301.0 sq meters) | PKR. 9,752 (\$ 120) per sq. yard for an typical apartment having a total covered area of 81.6 sq. yards (68.2 sq meters) | PKR 10,000 (\$ 123) per sq. yard for a typical house of G+2, having a covered area of about 200 sq yards (167.2 sq meters) | Not Available |
| Livability conditions of the locality | Fair to Good | Poor to Fair | Fair to Good | Fair to Good | Poor to Fair |
|  | KKB plots were given at a subsidized rate of PKR 370 (\$4.5) per sq yard. Over time an average family has | NL at the current rate of PKR 7,352 (\$90) per sq yard for a G+2 house provides a rather expensive option for new low | FS at PKR. 9,752 (\$12) per sq. yard for an average apartment having a covered area of about 81.6 sq yards | PN at the current rate of PKR 10,000 (\$120) per sq. yards for a G+2 house of a covered area | The current residents who have mostly inherited the apartments or are sharing it with |


|  | invested about PKR 200,000 (\$2469) per plot and the current market rate has reached to about PKR 5,000 (\$61) per sq. yard. This rate is still an economical one for a 80 sq yards suburban plot option in an otherwise expensive Karachi real estate market. <br> Given the initial KKB subsidy with the possibility of incremental housing and vertical expansion accommodating at least 02 generations, low income communities find it an attractive option. <br> The over all physical and social environments are safe and healthy which are looked upon as assets by the residents. <br> The houses themselves with open walls on 02 sides are fairly well ventilated, with adequate light. The wide streets between plots provide adequate privacy and breathing space. | income communities who are unable to pay so much upfront. <br> The current residents who have mostly inherited the houses or are sharing it with family find it an attractive option as they have invested incrementally and are now owners of at an average 120 sq yards (100 sq meters) city centre plot with a possibility of commercialization and further vertical expansion accommodating their future generations. <br> However, over time the external spaces have been encroached upon, area conditions have worsened and the over all density has increased to an extent where the over all physical and social environment in no longer safe and healthy. <br> Old area ties, family and clan networks, city centre nearness (aspects which are looked upon as assets by the residents) still keeps the residents in the area. Otherwise, the locality and the houses are congested | (68.2 sq meters) provides an economical housing option for lower middle income nuclear families who want to live near the city centre, availing the facilities and nearness to work that the location provides. <br> However, there is no possibility of incremental housing development and horizontal and vertical expansion accommodating any future generations. <br> The external spaces provided are shared by all residents and are generally not very well kept. This does not seem to bother the residents too much as they have access to the surrounding facilities like parks, playground and markets. <br> Old area ties, family and clan networks are not deemed very important by the residents as compared to city centre nearness. <br> The feel that in an urban life and nuclear family set ups apartments offer safe and | of about 66.6 sq yards (55.7 sq meters) provides a rather expensive option for low income communities who are unable to pay so much upfront. <br> The current residents who have mostly inherited the houses or are sharing it with family find it an attractive option as they have invested incrementally and are now owners of an average 66.6 sq yards city centre plot with a possibility commercialization and further vertical expansion accommodating their future generations. <br> Nearness to the city centre, ownership of a family house, old area ties, family and clan networks (aspects which are looked upon as assets by the residents) keeps the younger generations in the area. <br> The locality has also over time become lower | family do not find it an attractive option as their family sizes have grown and there is no possibility of incremental expansion of the apartments and they cannot afford to buy new property to accommodate extended families. <br> There are also issues of adequate drainage, solid waste collection, water supply and ventilation. |
| :---: | :---: | :---: | :---: | :---: | :---: |


|  |  | with no open spaces and major security issues such as gang wars. <br> The houses themselves with sometimes 03 shared walls with other houses have bad ventilation and light access and suffer privacy issues. | economical living. They feel that their next generations will follow suit and deal with the restraint of extensions of the dwelling units by moving into another flat. <br> The apartments are fairly well ventilated and have access to light. Privacy is not an issue as there is ample space between two blocks of flats | middle to middle income with mostly professionals and businessmen living here. <br> The houses have been extended both horizontally and vertically encroaching on the back and front streets. This has overall congested the area leaving narrow streets and almost no open spaces. The decrease in the street widths has lead to the blocking of air and light and privacy issues. <br> However, due to the average built up density not exceeding above $G+$ 2 at the moment, the overall density is bearable. If the area grows more vertically and the remaining open spaces have been encroached upon, the area conditions would worsen to an extent where the over all physical and social environment will no longer be safe or healthy. |
| :---: | :---: | :---: | :---: | :---: |


| Availability of open spaces | Good | Poor | Fair | Poor | Good |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Use of Roof | Good | Fair | Poor | Good | Poor |
| Use of Compound/ Courtyards | Good | Fair | Fair | Good | Streets act as interactive space. There are no formally designed courtyard or compound |
| Use of Street | Good | Fair | Poor | Fair |  |
| Use of Near by Ground | Fair | Fair | Fair | Fair | Poor |
| Overall $\quad$ Building Material | Block masonry and Reinforced Cement Concrete | Mix of load bearing and Reinforced Cement Concrete structures | Block masonry and Reinforced Cement Concrete | Block masonry and Reinforced Cement Concrete | Block masonry and Reinforced Cement Concrete |
| Roofing | Batten tiled sheets | Reinforced Cement Concrete | Reinforced Cement Concrete | Reinforced Cement Concrete | Reinforced Cement Concrete |
| Flooring | Concrete finish | Tile finish | Porcelain tiles | Tile finish | Concrete finish |
| Façade treatment | Mostly un plastered | Paint finish | Paint finish | Paint finish | Paint finish |
| Boundary walls | The boundary walls are raised to 8 feet and more. In some cases, the internal room/enclosure are built using boundary wall as a common/sharing surface boundary wall. | Party walls between adjacent houses. No compulsory open spaces around built units | Compound wall enclosing the entire apartment complex | The boundary walls are raised to 8 feet and more. In some cases, the internal room/enclosure are built using boundary wall as a common/sharing surface boundary wall. | Compoundenclosing thewall <br> apartment complex |
| Indicator of | Yes | Yes | No | Yes | No |
|  | The possibility of incremental growth exists on individual plots but as the settlement is young and the need hasn't arose therefore not many | As it is an old settlement with very strong social ties almost all of the houses have developed incrementally accommodating 2-3 | One time development, both by the builder and the individual owner. | The settlement has grown incrementally vertically as the plot sizes are small and the need is there to accommodate growing | One time development |


|  | house extensions are seen as yet. 65\% of the residents plan to do further extensions | generations. $53.62 \%$ of the residents plan to do further extensions |  | families. 60\%of the residents plan to do further extensions |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Ventilation of houses/ apartment | Fair | Fair | Fair | Fair | Poor |
|  | Ventilation benefit has been accrued in such cases where the orientation of the plot is favorable and internal layout is done accordingly to the proposed design | 69.57 \% of the respondents believed that kitchens and washrooms are well ventilated and $75.36 \%$ of the respondents thought that bedrooms and lounge are well ventilated | 16 \% of the respondents believed that the apartments had poor ventilation | Originally planned with front and back streets, the ventilation must have been good, however, with encroachments and resultant narrow streets the ventilation is poor now. In the cases where an internal courtyard still exists, the condition is better | No through ventilation makes the apartment hot, dark and dingy |
| Privacy | Good | Fair | Fair | Fair | Fair |
|  | As the settlement is a low density area with only ground plus one structure therefore there are no major issues of privacy invasion. | As the residences do not have any compulsory open spaces around them and are constructed in an ad hoc manner, some of the staircases look into the courtyards and terraces of other houses | 36 \% of the respondents believed that the apartments had privacy issues | The unplanned house extensions have lead to breach of privacy as one neighbor can look into the adjacent houses. But the residents don't seem to be bothered by it and manage through putting curtains or blinds. | Only the ground floor apartments have windows opening on the streets which create privacy problems |
| House development and maintenance | Good | Fair | Fair | Fair | Poor |
|  | The respondents spent on average PKR 4200 (\$ 52) annually for the maintenance of the houses. $46 \%$ of the respondents answered that | The respondents spent on average PKR 5000 (\$ 61) annually for the maintenance of the houses. $63.77 \%$ of the respondents answered that | The respondents spent on average PKR 7574 (\$ 93.5) annually for the maintenance of the apartments. $46 \%$ of the | The respondents spent on average PKR 7574 (\$ 93.5) annually for the maintenance of the apartments. $77.7 \%$ of the | There were several drainage and sewerage leaks observed |


|  | they maintain through personal savings | they maintain through personal savings | respondents answered that they maintain through personal savings | respondents answered that they maintain through personal savings |
| :---: | :---: | :---: | :---: | :---: |

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Matrix 03: Social Conditions

| Case Study | Khuda Ki Basti (KKB) | Nawalane (NL) | Fahad Square (FS) | Paposh Nagar (PN) | Labor Square (LS) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Average household size | 6.7 | 13.56 | 5.72 | 6.7 | 10 |
|  | Extended families | Extended families | Nuclear families | Extended families | Extended families |
| Average number children | 4.2 | 6.36 | 3.64 | 3.36 | 4 |
| Average number of school going children | 1.7 | 3.88 | 1.36 | 2.0 | Not Available |
| Average  <br> number of <br> working   <br> members <br> household per | 1.8 | 2.66 | 2.04 | 2.04 | 2 |
|  | The average number of working men is 1.3 | The average number of working men is 2.46 | The average number of working men is 1.72 | The average number of working men is 1.72 | Mostly men are the bread earners |
| Average  <br> number   <br> Working of <br> women <br> household per | 0.5 | 0.2 | 0.32 | 0.32 | Nit Available |
| Dominant Age groups | 20 to 40 years | 20 to 30 years | 20 to 30 years | 20 to 30 years | 30-40 years |
|  | $40 \%$ of males between 20 and 30 years and 48 \% of females between 30 and 40 years | 34.21 \% of males and 54.84 \% of females between 20 and 30 years | $60 \%$ of males between 20 and 30 years and $60 \%$ of females between 40 and 50 years | $26 . .32 \%$ of the males and 54.05 \% of the females are between the age of 20 to 30 years |  |


| Occupancy Age | 5 years | Since birth | 6.5 years | 25 years | 35 years |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 50 \% of the population has been residing from 04-07 yrs | $100 \%$ of the population has been residing since birth | $50 \%$ of the population has been residing for 05 to 08 years | $40 \%$ of the population residing in the area for the last 50 years and $60 \%$ of the population residing for less than 50 years with large percentage (37\%) of the population moving in to the locality over the last ten years |  |
| Occupations | 40 \% skilled labor | 40 \% private jobs | 36 \% private jobs | 40 \% private jobs | Mostly laborers and factory workers |
| Place of work | Within 0-10 kms | 15-20 kms | $5-10 \mathrm{kms}$ | 5-10 kms | Within 0-10 kms |
|  | 41 \% works within KKB and another 41 \% works in adjoining areas up to a distance of 5-10 kms | 52.18 \% population working up to a distance of $15-20$ kilometers | $40 \%$ up to a distance of 05-10 kilometers | 40 \% of the population working in adjoining Areas | Most of the population is working in the surrounding factories |
| Place of shopping | 23.96\% within 2 kms | 83 \% within 2 kms | 52 \% more than 2 kms | 64 \% within 2 kms | Most of the residents shop from nearby weekly markets |
| Place recreation $\quad$ of | 100 \% more than 2 kms | 97 \% more than 2 kms | 100 \% more than 2 kms | 93 \% more than 2 kms | 100 \% more than 2 kms |
| Day time Availability of Transport | 100 \% | 100 \% | 100 \% | 100\% | 100\% |
| Night time Availability of Transport | 50 \% | 100 \% | 100 \% | 100 \% | 100 \% |
| Average Income per Household | PKR. 8000 (\$99) | PKR. 6500 (\$ 98) | PKR. 9500 (\$ 80) | PKR 8000 (\$98) | Not ascertained |


| Monthly expenditure | PKR. 10,050 (\$124) | Not ascertained | PKR. 11,059 (\$ 136.5) | Not ascertained | Not ascertained |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Nature of tenure | 95 \% ownership | 94.20 \% ownership | 68 \% ownership | 93.33\% ownership | 95 \% ownership |
| Usage of open space/ compound | Fair | Not applicable | Good | Fair | Good |
|  | The bigger open spaces are under utilized (only $25 \%$ of the residents use it) or not utilized except in the evenings for playing football. | Streets are narrow and mainly used for pedestrian circulation. There are no designed open spaces for interaction of residents. | $80 \%$ of the residents use the central compound for either socializing or as play area | Streets and nearby parks are used for socializing and as play area | Streets are used for socializing and as play area |
| Play area for children | Fair | Poor | Good | Fair | Good |
|  | Children normally play on the streets and in the open areas on the neighborhood scale. | 50.72\% of the children under 14 play in their houses and 59.42\% of the residents over 14 play in nearby parks and ground. | The compound serves as the main play area for the children and socializing space for the elders. | 40 \% of the children play on the streets and $55 \%$ play in the nearby area level park | As there are hardly any vehicles on the streets therefore they are a safe play area for children |
| Women's socializing area | Fair | Poor | Fair | Fair | Good |
|  | Women use the threshold and space in front of the houses for recreation, economic activities and socializing. | 60.87 \% of the women face problems with regards to recreation and entertainment spaces because there are no separate entertainment/ recreation areas for them and they are not allowed to interact in non segregated areas | The compound serves as the main socializing space for the women. | 89.33 \% of the women do not have any problems with regards to non availability of recreation spaces | The streets are the main socializing space for the women. |


| Community center | Fair | Fair | Fair | Poor | Poor |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | The residents were divided equally on the presence of community centre necessary as a social space. | 100 \% believe that the schools play a vital role in the community developments: in making better human beings 56.52 \% answered that there is no community center in the area. | $72 \%$ of the residents believed that there is requirement for a community center | $74.67 \%$ of the residents believed that there is no requirement for a community center | There is no provision for any community center |
| $\begin{array}{ll}\text { Sense } & \text { of } \\ \text { belonging } \\ \text { to }\end{array}$ the community | Fair | Good | Fair | Good | Fair |
|  | $90 \%$ of the residents feel strong sense of belonging to the locality. $75 \%$ feel this affiliation because of the social support available to them through the NGO SAIBAN. | 100 \% of the residents have a strong sense of belonging because 97.37\% of the residents have been living in the area since childhood and have developed strong social ties | 90 \% of the residents feel a strong sense of belonging because a high percentage of ownership of the apartments, sense of security because of the gated compound and social ties that have developed over time | 94.67\% answered they have a strong sense of belonging to the community | People are willing to relocate to a locality where incremental development is possible |
| $\begin{aligned} & \text { Role of CBO/ } \\ & \text { NGO } \end{aligned}$ | Good | Good | Fair | Fair | Poor |
|  | The NGO SAIBAN has a very strong presence and helps through health related free facilities, immunization , awareness and income generation programmes. | CBOs in the area help in funerals, lobbying for basic services, admissions in schools, solving conflict with police. One such NGO is Anjuman-e-NaujuwananNawalane | As it is a Muhajir Quami Movement (MQM) dominated area therefore the political party has set up its office in the compound and works towards resolution of the problems of the residents. | CBOs in the area help in funerals, lobbying for basic services, admissions in schools, solving conflict with police. | No CBO or NGO exists in the area |


| Advantages of location | Fair | Fair | Fair | Fair | Fair |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Ownership (65\%) , economical plot option (85\%) and safe and good environment (92\%) were pointed out as the biggest advantages | 47.56 \% of the respondents thought of family proximity and social networks \as the biggest advantage and 37.8 \% though of proximity to city centre and work as the biggest advantage | 36 \% answered safe and good environment | Proximity to city centre and work was pointed put as the biggest advantage of the area (86.67\%) | Nearness to workplace |
| Disadvantages of location | Late infrastructure development (30\%) was pointed out as the biggest disadvantage | 38.68 \% pointed out security issues as the biggest disadvantage and 21.74 \% said there were no disadvantages of the location | 56 \% answered poor infrastructure: non availability of water, electricity, leaking drainage pipes | Poor infrastructure conditions was pointed out as the biggest disadvantage of the area (85.15 \%) | Poor infrastructure, scarcity of water and no possibility of incremental development leading to cramped living conditions. |

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Matrix 04: Physical Conditions

|  | Khuda Ki Basti |  | $\begin{gathered} \hline \text { (KKB) } \\ \hline 16.51 \\ \hline \end{gathered}$ | hectares | $\begin{aligned} & \hline \text { Nawalane } \\ & \hline 20.9 \end{aligned}$ | (NL) acres |  | Paposh Nagar |  | (PN) <br> acres | 6.07 | hectares | Fahad Sqare |  | (FS) | hectare s |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Area | 40.8 | acres |  |  |  |  | 8.4 | hectares | 15 |  |  |  |  | acres | 0.607 |  |  |
|  | 197472 | sq.yds | 165111 | sq. meters | 101214.24 | $\begin{aligned} & \text { sq.yd } \\ & \text { s } \\ & \hline \end{aligned}$ | 84579 | sq meters | 72986 | sq.yds | 60702 | sq. meters | 7454 | $\begin{aligned} & \hline \text { sq.yd } \\ & \mathrm{s} \\ & \hline \end{aligned}$ | 6070 | sq. meters |  |
| Total no. of plots | 1237 |  |  |  | 769 |  |  |  | 714 |  | 1 |  |  | 248 | 1 |  |  |
| Average No of Families/plot | 01 |  |  |  | 2.72 |  |  |  | 1.5 |  |  |  |  | 01 |  |  |  |
| Average Family Size | 6.7 |  |  |  | 13.56 |  |  |  | 6.7 |  |  |  |  | 5.7 |  |  |  |
| Average number of people per plot (average no of families per plot $x$ average family size) | 6.7 |  |  |  | 36.88 |  |  |  | 10.05 |  |  |  |  | 5.7 |  |  |  |
| Total Population (average no of people per plot $x$ total no of residential plots) | 8287 |  |  |  | 28360 |  |  |  | 7175 |  |  |  |  | 1414 |  |  |  |
| Population Density (total population / total area) | 203 | ppl per acres | 555 | ppl per hectare | 1356 | ppl <br> per <br> acre | 3376 | ppl per hectare | 478 | ppl per acre | 1182 | ppl per hectare |  | 942 | ppl <br> per <br> acre | 2329 | ppl per hectare |
| Total Built up AreaGROUND FLOOR Total built up area ALL FLOORS | $\begin{aligned} & 23.06 \\ & 30.9 \end{aligned}$ | acres acres | $\begin{aligned} & 9.33 \\ & 7.37 \end{aligned}$ | hetares <br> hectares | $\begin{aligned} & 15.4 \\ & 35.87 \end{aligned}$ | acres acres | $\begin{aligned} & 6.23 \\ & 14.51 \end{aligned}$ | hectares <br> hectares | $\begin{aligned} & 12.09 \\ & 23.36 \end{aligned}$ | acres acres | $\begin{aligned} & 4.89 \\ & 9.45 \end{aligned}$ | hectares <br> hectare |  | $\begin{aligned} & 1.06 \\ & 5.3 \end{aligned}$ | acres <br> acres | $\begin{aligned} & 0.42 \\ & 2.14 \end{aligned}$ | hectare s <br> hectare s |
| Total open area | 17.74 | acres | 7.37 | hectares | 5.4 | acres | 2.18 | hectares | 2.91 | acres | 1.17 | hectare |  | 0.44 | acres | 0.18 | hectare S |
| No of plots/aptts. per acre | 34.30 | plots <br> per <br> acre | 13.72 | hectares | 36.8 | plots <br> per <br> acre | 90.4 | hectares | 47.6 | acre | 117.6 | hectare |  | 202 | apart <br> ment per | $\begin{aligned} & 500 \\ & \text { acre } \end{aligned}$ | Appts per hectare |



 like ambulances and fire engines.
*2: Vehicular spaces include those for public transport as well as those for cars and other motorized traffic. These are usually used by pedestrians as well simultaneously.

| Builtup Density | area in sq. meters | no.of <br> plots | Built floor area as \% of the total ground area | area in sq meters | no. of plots | \% by area as developed | area in sq meters | $\begin{gathered} \hline \text { no. } \\ \text { of } \\ \text { plots } \end{gathered}$ | \% by area | area in sq meters | no.of apts. | \% by area as developed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Case Study Area |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ground | 108816.74 |  | 40\% | 15882.01 |  | 16\% | 6416.16 |  | 7.93\% | 785.00 |  | 1\% |  |  |
| Ground + 1 | 19432.20 |  | 14\% | 33672.78 |  | 69\% | 22014.78 |  | 54.40\% | 0.00 |  | 0\% |  |  |
| Ground + 2 | 6456.30 |  | 7\% | 23983.61 |  | 74\% | 74901.75 |  | 73.63\% | 438.07 |  | 6\% |  |  |
| Ground + 3 |  |  | 0\% | 45939.13 |  | 19\% | 3426.68 |  | 16.94\% | 0.00 |  | 0\% |  |  |
| Ground + 4 |  |  | 0\% | 1112.67 |  | 5.69\% | 0.00 |  | 0.00\% | 1841.31 |  | 309\% |  |  |
| Ground + 5 |  |  | 0\% | 412.00 |  | 0.26\% | 0.00 |  | 0.00\% | 0.00 |  | 0\% |  |  |
| Total | 134705.234 |  | 61\% | 12410.48 |  | 184\% |  |  | 152.84\% | 3064.38 |  | 316\% |  |  |
| Length of sewer drain (rft) | 6363.64 |  |  |  | 20189 |  | 7409 |  |  | 9484 |  |  |  |  |
| Length of water line (rft) | 6363.64 |  |  |  | 20189 |  | 7409 |  |  | 9484 |  |  |  |  |

## Matrix 05: Physical Comparisons with New Proposal

|  | Khuda Ki Basti |  | Nawalane |  | Paposh Nagar |  | Fahad Square |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Existing | Proposed | Existing | Proposed | Existing | Proposed | Existing | Proposed |
| Total Area | 40.8 acres ( 16.51 hectares) |  | $\begin{aligned} & 20.9 \text { acres } \\ & \text { (8.4 hectares) } \end{aligned}$ |  | 15 acres (6.07 hectares) |  | 1.50 acres$(0.607$ hectares $)$ |  |
| Total no. of plots | 1237 | 2112 | 769 | 1000 | 714 | 777 | 248 | 171 |
| Average Family Size | 6.7 persons | 6.7 persons | 13.56 persons | 13.56 persons | 6.7 persons | 6.7 persons | 5.7 persons | 5.7 persons |
| Number of families per plot | 01 | 02 | 2.72 | 02 | 1.5 | 02 | 01 | 01 |
| Average number of people per plot | 6.7 persons | 13.4 | 36.8 persons | 27.0 persons | 10.05 persons | 13.4 persons | 5.7 persons | 5.7 persons |
| Total Population (Residential) | 8287 persons | 28300 persons | 28299 people | 27000 persons | 7175 persons | 10411 persons | 1414 persons | 975 persons |
| Population Density (total population / total area) | 203 ppl per acre 502 ppl per hectare | 693 ppl per acre 1714 ppl per hectare | 1356 ppl per acre 3376 ppl per hectare | 1291 ppl per acre 3214 ppl per hectare | 478 ppl per acre 1182 ppl per hectare | 694 ppl per acre 1715 ppl per hectare | 942 ppl per acre 2329 ppl per hectare | 650 ppl per acre 1605 ppl per hectare |


| Average residential plot size | 80 sq. yards ( 67 sq. meters) | 56 sq. yards (47.0 sq. meters) | $\begin{gathered} 120 \text { sq. yards } \\ (100 \text { sq. meters }) \end{gathered}$ | 56 sq. yards (47.0 sq. meters) | 81.6 sq. yards (68.2 sq. meters) | 56 sq. yards (47.0 sq. meters) | $\begin{gathered} 66.6 \text { sq. yards } \\ (55.7 \text { sq. meters }) \end{gathered}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cost of Land per sq. yds. | PKR 5000 (\$ 61) per sq. yards for an average 80 sq. yds. (67 sq. meter) house of $\mathrm{G}+1$. | PKR 5000 (\$ 61) per sq. yards for an average 56 sq. yds. (47 sq. meter) house of $\mathrm{G}+2$. | PKR 7352 (\$90) per sq. yards for an average 120 sq. yds. ( 100 sq. meter) house of $\mathrm{G}+2$. | PKR 7352 (\$90) per sq. yards for an average 56 sq. yds. (47 sq. meter) house of $\mathrm{G}+2$. | PKR 10,000 (\$ 123) per sq. yards for an average 66.16 sq. yds. ( 55.73 sq. meter) house of G+2. | PKR 10,000 (\$ 123) per sq. yards for an average 56 sq. yds. (47 sq. meter) house of $\mathrm{G}+2$. | PKR 9752 (\$ 120) per sq. yards for an average 81.6 sq. yds. (68 sq. meter) house of $\mathrm{G}+2$. |  |
| Cost of Unit | $\begin{gathered} \text { Overall covered areas } \\ =160 \text { sq. yds }(134 \\ \text { sq. meter). Overall } \\ \text { cost }=\text { RKR } 800,000 \\ (\$ 9,876) \end{gathered}$ | $\begin{gathered} \text { Overall covered areas = } \\ 168 \text { sq. yds }(141 \mathrm{sq} . \\ \text { meter }) . \text { Overall cost }= \\ \text { RKR } 840,000(\$ 10,370) \end{gathered}$ | Overall covered areas $=360$ sq. yds ( 302 sq. meter). Overall cost = <br> RKR 26,46,720 (\$ 32,675) | ```Overall covered areas \(=168\) sq. yds (141 sq. meter). Overall \(\operatorname{cost}=\) RKR 12,35,136 (\$ 15,248)``` | Overall covered areas $=$ 200 sq. yds ( 168 sq. meter). Overall cost = RKR 1,998,000 (\$ 24,666) | Overall covered areas $=168$ sq. yds $(141$ sq. meter $)$. Overall cost $=$ RKR $16,80,000$ $(\$ 20,740)$ | Overall covered areas $=81.6$ sq. yds ( 68 sq. meter). Overall cost $=$ RKR 7,95,763 (\$ 9,824 |  |
| LANDUSE | \% | \% | \% | \% | \% | \% | \% |  |
| Residential | 40.27 | 55 | 60.5 | 55 | 60.5 | 55 | 70.6 |  |
| Residential cum <br> Commercial | 7.14 |  | 10.65 |  | 6.66 |  | 0 |  |
| Commercial | 1.85 | 5 | 0.02 | 5 | 4 | 5 | 0 |  |
| Parks (area level, neighborhood parks) | 7.24 | 8 | 0.12 | 10 | 4 | 10 | 0 |  |
| Amenities | 2.86 | 4 | 1.81 | 4 | 2.85 | 4 | 0 |  |
| Educational | 3.19 | 4.5 | 2.32 | 4 | 2.60 | 4 | 0 |  |
| Empty Plots | 1.85 | 0 | 4.98 | 0 | 3.36 | 0 | 0 |  |





## APPENDIX 4.1.2







APPENDIX 4.2.2



APPENDIX 4.2.3


APPENDIX 4.2.4



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APPENDIX 4.4.3



## APPENDIX 4.4.2





## Appendix - 4: Maps

### 4.1 KHUDA KI BASTI - III

### 4.1.1 Satellite Image


4.1.2 Existing Landuse


### 4.1 KHUDA KI BASTI - III

4.1.3 Existing Housing Types


### 4.1.4 Existing Housing Types


4.1 KHUDA KI BASTI - III
4.1.5 Conceptual Remodelling


## Appendix - 4: Maps

### 4.1 KHUDA KI BASTI - III

### 4.1.6 Conceptual 3D-Modeling



### 4.1.7 Conceptual 3D-Modeling



### 4.1.8 Conceptual 3D-Modeling



### 4.1 KHUDA KI BASTI - III

4.1.9 Photographs (Credits: Fareena Chanda)








### 4.2 NAWALANE

4.2.1 Satellite Image


### 4.2 NAWALANE

### 4.2.2 Existing Landuse



### 4.2 NAWALANE

### 4.2.3 Existing Housing Types



### 4.2 NAWALANE

### 4.2.4 Existing House Types



GROUND FLOOR


FIRSTFLOOR

4.2.5 Conceptual Remodelling


### 4.2 NAWALANE

### 4.2.6 Conceptual 3D-Modeling



### 4.2.7 Conceptual 3D-Modeling



### 4.2 NAWALANE

4.2.8 Photographs (Credits: Fareena Chanda)






4.3.1 Satellite Image


### 4.3.2 Existing Landuse



### 4.3 Paposh Nagar

4.3.3 Existing House Types


GOOAD ROORPLRN



4.3.4 Conceptual Remodelling


### 4.3 Paposh Nagar

### 4.3.5 Conceptual 3D-Modeling



### 4.3.6 Conceptual 3D-Modeling



### 4.3 Paposh Nagar

4.3.7 Photographs (Credits: Fareena Chanda)





4.4.1 Satellite Image


### 4.4 FAHAD SQUARE

### 4.4.2 Existing Landuse



### 4.4 FAHAD SQUARE

### 4.4.3 Existing House Type



### 4.4 FAHAD SQUARE

### 4.4.4 Existing House Types



### 4.4 FAHAD SQUARE

4.4.5 Conceptual Remodelling


Hever wex monk 1



E... - mbund
$\qquad$ -ucx-sman=un arnten Con = =


Rescew
coontrex
suter armeco
FESUCNTAL ESENSIONOT CRCURDFIORE gevim finor

### 4.4 FAHAD SQUARE

### 4.4.6 Conceptual Remodelling



### 4.4.7 Conceptual 3D-Modeling



### 4.4.8 Conceptual 3D-Modeling



### 4.4 FAHAD SQUARE

### 4.4.9 Photographs

(Credits: Fareena Chanda)






## Appendix -5: Proposed House Plans





### 4.4 FAHAD SQUARE

### 4.4.3 Existing House Type


4.4.4 Existing House Types


### 4.4. FAHAD SQUARE

### 4.4.5 Conceptual Remodelling


 2. purnor mirr




OTAL T39 UNTEAT 6 pasies per un


1. FJTURE CENSTY

DDOMONS TO BL UVTS AT 4 ievoes pervent
124 pancoiper acow/53 pencoxk per hectane



### 4.4.6 Conceptual Remodelling



### 4.4 FAHAD SQUARE

### 4.4.7 Conceptual 3D-Modeling



### 4.4.8 Conceptual 3D-Modeling



### 4.4.1 Satellite Image



### 4.4.2 Existing Layout Plan



### 4.4 FAHAD SQUARE

### 4.4.3 Plan of Apartment



### 4.4 FAHAD SQUARE

### 4.4.4 Proposal - 1


 2 PLANEED DENSTY
2.1 COMMERCIAL UNITS 42 ONGROUND FLOOR
2.2 RESIDENTAL UNTS 42 ON GROUNDFIOOR 2.2 RESIDENTAL UNTTS 42 ON GROUND FLOOR

23 RESIDENTAL UNITS ON FRST FLOOR


3. FUTURE DENSITY

224 personsper acel Mr3 AT 4 persens per un
4. TOTAL DENSTY 日it pencosper aco

NOTE: All units have a plot pint of sche sa yarc
RESIDENTIAL
COMMERCIAL.
GREEN SPACES
RESIDENTIAL EXTENSION ON
GROUND FLOOR
COMMERCIAL EXTENSION ON
GROUNND FLOQR

### 4.4 FAHAD SQUARE

### 4.4.5 Proposal - 2:


4.4.6 Conceptual 3D-Modeling of Proposal - 2

4.4.7 Conceptual 3D-Modeling of Proposal - 2


# Interviews for Khuda-Ki-Basti (KKB) Study 

#  

Questionnaire: 100 Interviews
سوالنامبها انمرويز

1. Family Information (ثا النمّعلوات)
1.1 Name of respondent

بابر
1.2 Gender of the respondent (Pls tick appropriate)

1.2.1 Male "
1.2.2 Female كورت
1.3 Age of the respondent (Pls tick appropriate)
?
1.3.1 B/w 20 and 29
-
1.3.2 B/w 30 and 39

1.3.3 B/w 40 and 49 -
1.3.4 B/w 50 and 59

1.3.5 60 and above : 4 -
1.4 Plot/Street No. (Pls put exact address)
-此
1.5 Living since when (Pls mention specific year) هتربا
1.6 Number of family members living in your house (Pls put the numbers)


### 1.6.1 Husband / wife غ

1.6.2 Children number / of ages
.
1.6.3 Grand children number with ages

1.6.4 Others

1.6.5 Number of children going to school

1.6.6 Working members
,
1.6.6.1 Total
1.6.6.2 Women

زاتين
1.6.6.3 What work do they do

روزكاركوكيت
1.6.6.3.1
1.6.6.3.2
1.6.6.3.3
1.6.7 Where do they work?

ب6
1.6.7.1
1.6.7.2 $\qquad$
1.6.7.3 $\qquad$
1.7 Total income (pls tick the appropriate bracket)
(2
1.7.1 B/w 2000 and 4999
-
1.7.2 B/w 5000 and 7999

1.7.3 B/w 8000 and 10999

1.7.4 Above 11,000

1.8 Income spent on the following (pls specify the exact amount)

1.8.1 Food
(W以
1.8.2 Sewerage $\qquad$ (\%)
1.8.3 Recreation $\qquad$


### 1.8.4 Transport

آر,رנنت
1.8.4. Is Public Transport easily accessible in the day time?

### 1.8.4.1.1 Yes <br> 

### 1.8.4.1.2 No

"
1.8.4.2 Is Public Transport easily accessible in the night time?


# 1.8.4.2.1 Yes <br> ! 

1.8.4.2.2 No
"
1.8.4.3 Average time spent during travelling for work or others 6

### 1.8.5 Solid Waste Management <br> كوراكر <br> 1.8.6 Maintenance of house <br> 

1.8.7 Water
$\dot{j}_{*}^{*}$
1.8.8 Health $\qquad$
ت
1.8.9 Electricity
1.8.10 Education

### 1.8.11 Others <br> v,

1.9 Previous residence

ابقدرا
1.9.1 Location \% \% \%
1.9.2 Owned
Uै।
1.9.3 Rented

كرايدار
1.9.4 Other (Pls specify)
(ونا
1.9 Advantages of the previous location (In order of priority)

1.9.1 $\qquad$
1.9.2 $\qquad$
1.9.3 $\qquad$
1.10 Disadvantages of the previous location (In order of the priority of the most disadvantageous)

1.10.1 $\qquad$
1.10.2 $\qquad$
1.10.3 $\qquad$

## 2 Preferences (بيات", ")

2.1 If you had a choice what would you chose (Pls tick appropriate)

2.1.1 80 square yards in Khuda Ki Basti for Rs

2.1.1.1 Monthly instalment $\qquad$ ,
2.1.2 60 square yards in Khuda ki Basti for Rs

2.1.2.1 Monthly instalment Rs
,
2.1.3 48 square yards in Khuda ki Basti for Rs $\qquad$

2.1.3.1 Monthly instalment Rs $\qquad$ ,
2.1.4 48 square yards near the city for Rs
\%
2.1.2.1 Monthly instalment Rs ,
2.1.5 2 room flat in 5th floor building at Karimabat at Rs.


### 2.1.5.1 Monthly instalment Rs

 , رِ2.2 Give two reasons for your choice (In order of priority)

2.2.1 $\qquad$
2.2.2 $\qquad$

3 Views about the Area and Houses علا
3.1 Nature of ownership of the house: (Pls tick appropriate)


### 3.1.1 Owned

; التّ
3.1.2 Tenant

كرايورار
3.1.3 Other (Pls specify) (بيانكري) V,
3.2 What is the total number of rooms (living and bedrooms) in the house?

3.3 Total area (in sq yards) $\qquad$

3.4 No. of families

3.5 Does this house provide you any additional income?

3.5.1 Yes

3.5.2 No
3.5.3 If yes, type of Income

## ז

3.5.3.1 Rented a portion:
¢
3.5.3.2 It has a shop:
.

### 3.5.3.3 Other

v,
3.6 Front or nearby space of house is used for

3.6.1 Vending
,
3.6.2 Animals/Cattle p
3.6.3 Cloth Washing

3.6.4 Storage purpose

3.6.5. Other
v,
3.7 Do you think that the environment and the houses are conducive to: (Pls tick the appropriate)


### 3.7.1 Healthy living部

3.7.2 Social relations - ا.
3.7.3 Raising children番
3.8 Average amount spent on maintaining a house, in a year

3.9 From where you get the money for maintenance?

3.9.1 Personal saving
;انٌّ
3.9.2 Selling of assets今せ*
3.9.3 Credit informal

3.9.4 Credit formal
رَّ;
3.9.5 Credit thalla as material

3.10 Do you have plans for further construction.

كيآثب
3.10.1 Yes

ب
3.10.2 No
!
3.11 Do you require space to do economic activity in the house? (Pls tick appropriate)


### 3.11.1 Yes <br> $!$

3.11.2 No
3.11.3 If yes, (pls mention the type of activity/activitie)

3.11.3.1 $\qquad$
3.11.3.2
3.11.3.3
3.12 Do you do any economic activity in the house? (Pls tick appropriate)


### 3.12.1 Yes <br> !

3.12.2 No
"
3.12.3 If Yes, (Pls mentionthe type of activity/activities, even if more than one)

3.12.3.1 $\qquad$
3.12.3.2 $\qquad$
3.12.3.3 $\qquad$
3.13 What is right about the settlement (In order of priority)

3.13.1 $\qquad$
3.13 .2 $\qquad$
3.13.3 $\qquad$
3.14 What is wrong about the settlement (In order of priority)

3.14.1 $\qquad$
3.14 .2 $\qquad$
3.14.3 $\qquad$

## 4. Use of Public Space and Communal Facilities


4.1 Do you or your family use the large family spaces in the Settlement? (Pls tick appropriate)


### 4.1.1 Yes 

4.1.2 No
4.2 Do you use the smaller open spaces?

4.2.1 Yes
!
4.2.2 No
"
4.3 If the cost of your plost could be reduced would you be happy without these spaces?
r㢈

### 4.3.1 Yes !

4.3.2 No
4.4 Where do the children play? (Pls tick appropriate)


### 4.4.1 Park/play grounds <br> 

4.4.2 Streets

U6
4.4.3 Any other area Pls specify)
(

### 4.4.4 Don't play ,

4.5 Do you do shopping away from the shops in the street?


### 4.5.1 Yes <br> 

### 4.5.2 No

4.5.3 If yes,
!
4.5.3.1 Where do you go? $\qquad$
4.5.3.2 For what you go?

4.6 Do you go out of the settlement for recreation?

## 

### 4.6.1 Yes <br> 

4.6.2 No
4.6.3 If yes,
!
4.6.3.1 Where do you go? $\qquad$
4.6.3.2 How often you do you go? $\qquad$
4.6.3.3 Do you go as a family? $\qquad$
4.6.3.4 How much do you spend on one visit(Rs)?

## 5 Use of Community Centre كيو > ينمّكاستنال

5.1 Is there a community centre / space in the settlement?

5.1.1 Yes
!
5.1.2 No
"
5.2 Have you ever been to the community centre? (Pls tick appropriate)
5.2.1 Yes
!
5.2.2 No

نi
5.2.3 If yes,

U!
5.2.3.1 How many times?

كتمت:
5.2.3.2 What for?
$\underset{\sim}{\alpha}$
5.3 Do women go to the community centre/space?

5.3.1 Yes
!
5.3.2 No
5.3.3 If No, why not?

آنيّ
5.3.3.1 $\qquad$
5.3.3.2 $\qquad$

5．3．3．3． $\qquad$
5．4 Wht is the community centre／space used for？（Pls ask community centre staff）

5．4．1 $\qquad$
5.4 .2 $\qquad$
5．5 How often？（Pls indicate number）
كتثمتج（ثبر：با
5．6 What do you use the street for ？（Pls tick the appropriate）


## 5．6．1 Economic activities

بطاثنمرآ بيون ع لي

5．6．2 Recreation，play activities

5．6．3 Socialising
＂
5．6．4 Sitting
」と $\because$

5．7 What is the nature，extent，meaning of a community in your opinion？


## 6．Social Assets $\dot{亡}$＊

6．1 How long have you been living in this settlement？（No．of years）


6．2 Did you build relationships with others over the years．


### 6.2.1 Yes $!$

6.2.2 No "
6.3 If yes, rre these relationships useful for any of the following?


| Type | Yes U | No |
| :---: | :---: | :---: |
| Getting a job <br>  |  |  |
| Admission of children to school <br>  |  |  |
| Relations / problems with police وريّ |  |  |
| Conflict resolution . |  |  |
| Others v, |  |  |

### 6.4 Do open Commercial Spaces helps in building relationships with the

 following?| Type | Yes <br>  | No " |
| :---: | :---: | :---: |
| Area Councilor $\pm$ |  |  |
| UC Nazim يوَّ |  |  |


6.5 Are your relatives also residing in the same / nearby area?

6.5.1 Yes

6.5.2 No

ن
6.6 Is it important to have relatives in the area?

6.6.1 Yes
$4!$
6.6.2 No


Form filled by:
1.

Date:

# Interviews for Khuda－Ki－Basti（KKB）Study 

انمّويو. اع : اكّبتّ اسطُوى

7．Interview of School Principals／Teachers（2 Primary， 2 Secondary）
7.1 Is this plot space enough？

$$
\begin{aligned}
& \text { 尔 } \\
& \text { 7.1.1 Yes } \\
& \text { ! }
\end{aligned}
$$

7．1．2 No ＂

## 7．1．3 If No，why？ <br> 

7．1．3．1 $\qquad$

7．2．3．2 $\qquad$

7．2 Do you use the small open spaces near the school كآشَ

## 7．2．1 Yes <br> ！ <br> 7．2．2 No <br> シ＂

7．2．3 If yes why？斤
7．2．3．1 $\qquad$

7．2．3．2 $\qquad$
7.2.4. If No, why not?

7.2.4.1 $\qquad$

### 7.2.3.2

$\qquad$
7.3 Do you use the big open spaces near the school?


### 7.3.1 Yes <br> 4

### 7.3.2 No

7.4 Where do the children usually play?


### 7.4.1 In the class rooms

كاسر وז"ي
7.4.2 In the streets "كيوني
7.4.3 In the nearest open space ,
7.5 Does the school play any role in community development?


### 7.5.1 Yes <br> !

7.5.2 No
7.5.3 If Yes, what role? $\qquad$

7.5.4 If not, why not? $\qquad$

7.6 As a teacher what is your opinion about the settlement (In order of priority)?

7.6.1 $\qquad$

## 7.6 .2

$\qquad$
7.6 .3 $\qquad$
7.7 What is wrong about the settlement (In order of priority)?

7.7.1 $\qquad$
7.7.2 $\qquad$
7.7.3 $\qquad$
7.8 Do you think that the environment and the houses are conducive to Healthy living


### 7.8.1 Yes <br> 

7.8.2 No
"
7.9 Do you think that the environment and the houses are conducive to maintain social relationships?

7.9.1 Yes

4

### 7.9.2 No

"
7.10 What is a safe /preferred walking distance to school? (Pls state in km)

7.11 Are there any impacts on education living away from school?

كياسكول שی,
7.11.1 Yes

4

### 7.11.2 No

## End

ختش

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1.

# Interviews for Nawalane Study 



Questionnaire: 75 Interviews

1. Family Information (ثا النمعلوات)
1.1 Name of respondent

بابر
1.2 Gender of the respondent (Pls tick appropriate)

1.2.1 Male
"

> 1.2.2 Female צورت
1.3 Age of the respondent (Pls tick appropriate)

1.3.1 B/w 20 and 29
-
1.3.2 B/w 30 and 39

1.3.3 B/w 40 and 49
-
1.3.4 B/w 50 and 59

1.3.5 60 and above - 4 •

### 1.4 Plot/Street No. (Pls put exact address)



1.6 Number of family members living in your house (Pls put the numbers)

1.6.1 Husband / wife
<
1.6.2 Children number / of ages
.

### 1.6.3 Grand children number with ages



### 1.6.4 Others <br> ,

1.6.5 Number of children going to school

1.6.6 Working members , /.

### 1.6.6.1 Total <br> 6

1.6.6.2 Women

زاتين
1.6.6.3 What work do they do روز8اكنوئيت
1.6.6.3.1 $\qquad$
1.6.6.3.2 $\qquad$
1.6.6.3.3 $\qquad$

1．6．7 Where do they work？

1．6．7．1 $\qquad$
1．6．7．2 $\qquad$
1．6．7．3 $\qquad$

1．7 Total income（pls tick the appropriate bracket）
ك ك
1．7．1 B／w 2000 and 4999

1．7．2 B／w 5000 and 7999

1．7．3 B／w 8000 and 10999

1．7．4 Above 11，000
我毦を，

1．8 Income spent on transport（pls tick the appropriate bracket）

1．8．1 B／w 1000 and 1999
准
1．8．2 B／w 2000 and 2999
－
1．8．3 B／w 3000 and 4999 －

1．8．4 Above 5，000


1．9 Previous residence

1．9．1 Location
پ\％
1.9.2 Owned
1.9.3 Rented

كايراء
1.9.4 Other (Pls specify)
(
1.9 Advantages at the current location (In order of priority)
,
1.9.1 $\qquad$
1.9.2 $\qquad$
1.9.3 $\qquad$
1.10 Disadvantages, current location (In order of the priority of the most disadvantageous)

- $\cdot{ }^{-10}$
1.10.1 $\qquad$
1.10.2 $\qquad$
1.10.3 $\qquad$


## 2 Preferences (تجّات")

2.1 If you had a choice what would you chose (Pls tick appropriate)

K آ
2.1.1 80 square yards in Khuda Ki Basti for Rs

2.1.1.1 Monthly instalment ,
2.1.2 48 square yards in Baldia for Rs

2.1.2.1 Monthly instalment Rs ,
2.1.3 2 room flat in New Karachi at Rs

2.1.2.1 Monthly instalment Rs ,
2.1.4 A 120 square yards plot in Ittehad Town (1)

### 2.1.2.1 Monthly instalment Rs

 ,2.1.5 Katchi Abadi on Hub River Road


### 2.1.2.1 Monthly instalment Rs

 ,2.1.6 Your current house in Nawalane

2.1.7 A redesigned house in Nawalane

2.2 Give two reasons for your choice (In order of priority)

2.2.1 $\qquad$
2.2.2 $\qquad$

3.1 Why would you choose to continue to live in this area and house

3.1.1 It is near to your place of work

ك花
3.1.2 Your relatives/clan live in this area

3.1.3 The amenities in the area are good 4.
3.1.4 You have an association with the ancestral home

3.2 What is right about the settlement (In order of priority)


### 3.2.1

3.2.2 $\qquad$
3.2.3 $\qquad$
3.3 What is wrong about the settlement (In order of priority)

3.3.1 $\qquad$
3.3.2 $\qquad$
3.3.3 $\qquad$
3.4 Do you think that the environment and the houses are conducive to: (Pls tick the appropriate)

3.4.1 Healthy living

3.4.2 Social relations
-
3.4.3 Raising children

3.5 Is your house well-ventilated?

ك
3.5.1 Are the kitchen and the washroom(s) well ventilated?

3.5.2 Are the living and bedrooms of the house airy and
comfortable for living?
كيالو־َ- روم|وربئُروم،واواراورآ رامْه؟؟؟
3.5.3 Is the house:

كا كآّ
3.5.3.1 Hot in the summers


### 3.5.3.2 Cool in the summers

ب
3.5.3.3 Warm in winters
3.5.3.4 Cold in winters人

### 3.6 How many of these rooms have:


3.6.1 Windows that open to the outside?


### 3.6.2 No windows at all?

كَ
3.6.3 Have windows that open very close to the neighbouring house?

3.7 Are you able to see into your neighbour's house or living spaces?


### 3.7.1 Yes <br> !

3.7.2 No
"
3.7.3 Does this affect yours or your neighbours' privacy

3.7.3.1 Yes !
3.7.3.2 No
"
3.7.3.3 If so, how?
/ إبال:,

### 3.7.3.4 And, how do you cope with it? (Pls explain)



### 3.8 Do you require space to do economic activity in your house? (Pls tick appropriate) <br> 

### 3.8.1 Yes <br> 

3.8.2 No
3.8.3 If Yes, what sort of activity/activities? (Pls explain)

3.8.3.1 $\qquad$
3.8.3.2 $\qquad$
3.8.3.3 $\qquad$
3.9 Do you do any economic activity in the house? (Pls tick appropriate)

3.9.1 Yes

3.9.2 No
"
3.9.3 If yes, (pls mention the type of activity/activities)

3.9.3.1 $\qquad$

### 3.9.3.2

$\qquad$
3.9.3.3 $\qquad$
3.10 Nature of ownership of the house: (Pls tick appropriate)

3.10.1 Owned
; اتظلكيت
3.10.2 Tenant

كرايورار
3.10.3 Other (Pls specify)

3.11 What is the total number of rooms (living and bedrooms) in the house?

3.12 Total area (in sq yards) $\qquad$

3.13 No. of families

3.14 Roof construction (Pls tick appropriate)
?
3.14.1 RCC

3.14.2 Tiles

㞔
3.14.3 G.I
.
3.14.4 Asbestos $\qquad$

3.15 Does this house provide you any additional income?

3.15.1 Yes

3.15.2 No
3.15.3 If yes, type of Income

3.15.3.1 Rented a portion:

$$
\text { 6كا } 16
$$

3.15.3.2 It has a shop:

3.15.3.3 Other
v,
3.16 Front or nearby space of house is used for

3.16.1 Vending ركانواركـك
3.16.2 Animals/Cattle p
3.16.3 Cloth Washing كَرْ
3.16.4 Storage purpose ;
3.16.5. Other v,
3.17 Average amount spent on maintaining a house, in a year N
3.18 From where you get the money for maintenance?

3.18.1 Personal saving

3.18.2 Selling of assets .4
3.18.3 Credit informal

غيرتّ"
3.18.4 Credit formal

ركّ
3.18.5 Credit thalla as material غُ,
3.19 Do you have plans for further construction.

3.19.1 Yes

4
3.19.2 No
"

## 4. Use of Public Space and Communal Facilities


4.1 Where do the younger (under 14) play (Pls tick appropriate) (

### 4.1.1 Park/play grounds **

### 4.1.2 Streets U6

4.1.3 Any other area Pls specify)
(.) (رنا H v,

4.2 Where do the older boys play (Pls tick appropriate)

4.2.1 Park/play grounds

4.2.2 Streets 6
4.2.3 Any other area Pls specify)

4.2.4 Don't play
4.3 Are there any problems for women an girls regarding games/recreation, meeting?

4.3.1 Yes

4.3.2 No

ن
4.3.3 If yes, what are they? (In order of priority)

4.3.3.1 $\qquad$
4.3.3.2 $\qquad$
4.3.3.3 $\qquad$
4.4 How can they be solved? (In order of priority)

4.4.1 $\qquad$
4.4.2 $\qquad$
4.4.3
4.5 Where do you do your household shopping? آپپ
4.5.1 $\qquad$
4.5.2 $\qquad$
4.5.3 $\qquad$
4.6 Do you go out of the settlement for recreation?

4.6.1 Yes
!
4.6.2 No
"
4.6.3 If yes

آ با
4.6.3.1 Where do you go?

ك
4.6.3.2 How often do you go?

4.6.3.3 Do you go as a family?


### 4.6.3.4 How much do you spend on one visit?

4.7 Is there a marriage/shadi/community hall in the area?


### 4.7.1 Yes <br> !

4.7.2 No
4.8 How often do you go to the shadi/community hall?

4.9 Is the shadi / community hall used for any other purpose besides weddings?

كيا
4.9.1 Yes
!
4.9.2 No
"
4.9.3 If yes what's that

ו إن
4.9.3.1 $\qquad$
4.9.3.2 $\qquad$
4.9.3.3 $\qquad$
4.10 Do you use the streets or other open spaces as gathering places of the community (or community center) in the Nawalane?

4.10.1 Yes

4.10. 2 No

ن
4.11 If yes do you use it (Pls tick appropriate)

4.11.1 How many times
4.11.2 What for?

J
4.12 Do women gather at this place as well?

4.12.1 Yes

4.12.2 No
"
4.12.3 If No, why not?

ارَنّن
4.12.3.1 $\qquad$
4.12.3.2 $\qquad$
4.12.3.3. $\qquad$
4.13 And do they need a separate community centre?

4.13.1 Yes

4
4.13.2 No

シ

## 5. Social Assets (

5.1 How long have you been living in this settlement? (No. of years)

5.2 Relationships built with others over the years.


### 5.2.1 Yes <br> !

5.2.2 No
5.3 Are these relationships useful for any of the following?


|  | Yes U! | No " |
| :---: | :---: | :---: |
| Getting a job <br>  |  |  |
| Admission of children to school <br>  |  |  |
| Relations / problems with police إليّ |  |  |
| Conflict resolution . |  |  |
| Others v, |  |  |

5.4 If yes, what is the role of CBOs? (PIs tick the appropriate)


### 5.4.1 Assist in funerals

 + تَ5.4.2 Provide decoration for marriages

5.4.3 Lobby for basic services

C
5.4.4 Assist for admission in schools for children اسكرول
5.4.5 Help in bailouts with police

5.4.6 Conflict resolutions
.
5.4.7 Others $\qquad$
v,
5.5 Do you get monthly or daily household goods on loan from shopkeeper?

5.5.1 Yes

5.5.2 No "
5.6 Do you have a saving committee / group saving?

5.6.1 Yes
!
5.6.2 No

ن
6. What is the role of NGO's in your area? (Pls tick the appropriate)

6.1 Govt. substitute رَركارارارو6Gتبال
6.2 Govt. support

6.3 Individual capacity -男

7 Being an old area of the city, Lyari is important to you?
7.1 Yes !
7.2 No
7.3 If yes what is the importance (in order of priority)


### 7.3.1

$\qquad$
7.3.2 $\qquad$
7.3.3. $\qquad$

8 Immediate further developments are required in which of the following sectors (Pls tick one of top most priority)


### 8.1 Education

8.2 Health ー
8.3 Roads ريك
8.4 Water \& sanitation صانـ**
8.5 Solid waste disposal -كورا
8.6 Other (Pls specify)
(ونا \# (و) v,
8.6.1 $\qquad$

## 

9.1 Is open space in the school sufficient?


### 9.1.1 Yes <br> !

### 9.1.2 No

9.1.3 If No, how much space do you need? (Pls explain)

9.1.3.1 $\qquad$
9.2 Is the built space inside sufficient?


### 9.2.1 Yes <br> 

9.2.1 No
9.2.3 If No, how much space do you need? (Pls explain)


### 9.2.3.1

$\qquad$
9.3 Where do the children usually play?

9.3.1 In the class rooms ,
9.3.2 In the streets "يّيل
9.3.3 In the nearest open space ,
9.4 Does the school play any role in community development?


### 9.4.1 Yes <br> !

### 9.4.2 No

9.4.3 If Yes, what role? $\qquad$
K إنقوكيكروارب
9.4.4 If not, why not?

9.5 As a teacher what is your opinion about the settlement (In order of priority)?
9.5.1 $\qquad$
9.5 .2 $\qquad$
9.5 .3 $\qquad$
9.6 What is wrong about the settlement (In order of priority)?

9.6 .1 $\qquad$
9.6 .2 $\qquad$
9.6 .3 $\qquad$
9.7 Do you think that the environment and the houses are conducive to Healthy living

9.7.1 Yes
9.7.2 No
*
9.8 Do you think that the environment and the houses are conducive to maintain social relationships?

9.8.1 Yes
!
9.8.2 No
9.9 Do you think that the environment and the houses are conducive to educating children?
9.9.1 Yes
!
9.9.2 No
"

## End

## Form Filled By:

فارم: كر:
1.
2. $\qquad$
3. $\qquad$

Date:
-••*

## Interviews for Apartments



Questionnaire: 25 Interviews

1. Family Information (ثا النمعملوات)
1.1 Name of respondent

بابر
1.2 Gender of the respondent (Pls tick appropriate)
:
1.2.1 Male
"
1.2.2 Female تورت
1.3 Age of the respondent (Pls tick appropriate)
:بابر
1.3.1 B/w 20 and 29

1.3.2 B/w 30 and 39

1.3.3 B/w 40 and 49 -
1.3.4 B/w 50 and 59
-
1.3.5 60 and above $: 4$ •
1.4 Plot/Street No. (Pls put exact address)
(1)
1.5 Living since when (Pls mention specific year)

1.6 Number of family members living in your appartment (Pls put the numbers)


### 1.6.1 Husband / wife 

1.6.2 Children number / of ages

1.6.3 Grand children number with ages

1.6.4 Others

וֹ,
1.6.5 Number of children going to school

1.6.6 Working members
,
1.6.6.1 Total
1.6.6.2 Women

زاتيّن
1.6.6.3 What work do they do

روزكاركونيت
1.6.6.3.1
1.6.6.3.2
1.6.6.3.3
1.6.6.4 Where do they work?

جا
1.6.6.4.1 $\qquad$
1.6.6.4.2 $\qquad$
1.6.6.4.3 $\qquad$

### 1.7 Income

1.7.1 Total income (pls tick the appropriate bracket)

ك كآش
1.7.1.1 B/w 2000 and 4999

1.7.1.2 B/w 5000 and 7999

1.7.1.3 B/w 8000 and 10999
-••••
1.7.1.4 Above 11,000


### 1.8 Expenditure


1.8.1 Food
(
1.8.2 Sewerage $\qquad$

1.8.3 Recreation $\qquad$
يـروتز
1.8.4 Transport

آشورנنت
1.8.5 Solid Waste Management $\qquad$

1.8.6 Maintenance of house $\qquad$

1.8.7 Water $\qquad$
$\dot{j}_{*}^{*}$
1.8.8 Health
-
1.8.9 Others $\qquad$
( V ,)
1.8.10 Electricity $\qquad$ (:)
1.8.11 Education $\qquad$荡
1.9 Previous residence

ابقربا
1.9.1 Location范
1.9.2 Owned
UW)
1.9.3 Rented

كرايدار
1.9.4 Other (Pls specify)
(ونا (و) V,
1.9.5 Advantages of the previous location (In order of priority)

1.9.5.1 $\qquad$
1.9.5.2 $\qquad$
1.9.5.3 $\qquad$
1.9.6 Disadvantages of the previous location (In order of the priority of the most disadvantageous)

1.9.6.1 $\qquad$
1.9.6.2
1.9.6.3 $\qquad$
1.10 Why did you select this project for living?

1.10.1 Located near job place

1.10.2 Relatives were in the same area

1.10.3 Cheap price of apt

1.10.4 Due to transport availability

1.10.5 Due to water/electricity availability

1.10.6 Paying less rent كرايكم؟
1.10.7 Other $\qquad$
v,
1.11 Does this appartment provide you any additional income?


### 1.11.1 Yes <br> 

1.11.2 No
"
1.11.3 If yes, type of Income

1.11.3.1 Rented a portion:
<
1.11.3.2 It has a shop:

1.11.3.3 Other
v,
1.12 Average amount spent on maintaining a appartment, in a year

1.13 What support is needed for apartment maintenance?
"
1.13.1 credit
-
1.13.2 technical S
1.13.3 labor
»

## 2 Preferences (تبحات")

2.1 If you had a choice what would you chose (Pls tick appropriate)

2.1.1 Living here b, UK
2.1.2 2 rooms/.bath/kitchen on 48 square yards, in New Karachi, for Rs $\qquad$ ي和
2.1.3 2 rooms/bath/kitchen on 80 square yards, in New Karachi,

2.2 Give reasons for your choice (In order of priority) الها
2.2.1 $\qquad$
2.2.2 $\qquad$
2.2.3 $\qquad$
3. Opinion Regarding the Apartment and the Settlement

3.1 What is right about the settlement (In order of priority)


### 3.1.1

3.1 .2 $\qquad$
3.1 .3 $\qquad$
3.2 What is wrong about the settlement (In order of priority)

3.2.1 $\qquad$
3.2.2 $\qquad$
3.2 .3 $\qquad$
3.3 Highlight any general problems of living in high rises

3.4 Are there issues of privacy, lighting, ventilation?

3.5 How are the open spaces of the complex used, if at all范
3.5.1 Balconies
. كرونغ كط,
3.5.2 Staircases

تيُّيون كطر
3.53. Corridors

كرويُورن كعطر
3.5.4 Parking area * ركُّ

### 3.5.5 Compound <br> *

## 6. Social Assets

6.1 How long have you been living in this appartment (No. of years)

6.2 Relationships built with others over the years.


6.3 Are these relationships useful for any of the following


| Conflict resolution人 |  |
| :---: | :---: |
| Others v, |  |

6.4 Are your relatives also residing in the same/nearby area.


### 6.4.1 Yes 

6.4.2 No
"
6.5 Is there any active CBO involvement in the appartment.


### 6.5.1 Yes <br> 

6.5.2 No
"
6.6 If yes, what is the role of CBOs? (Pls tick the appropriate)


### 6.6.1 Assist in funerals +

6.6.2 Provide decoration for marriages

6.6.3 Lobby for basic services

6.6.4 Assist for admission in schools for children

اسكرول بی:
6.6.5 Help in bailouts with police

6.6.6 Conflict resolutions
.
6.6.7 Others $\qquad$
3.4 Do you think that apartment and the houses are conducive to: (Pls tick the appropriate)


### 3.4.1 Healthy living

ك
3.4.2 Social relations
-
3.4.3 Raising children

3.5 Is your appartment well-ventilated?

كيآش
3.5.1 Are the kitchen and the washroom(s) well ventilated?

3.5.2 Are the living and bedrooms of the house airy and comfortable for living?

3.5.3 Is the appartment:

ك

$$
\begin{aligned}
& \text { 3.5.3. } 1 \text { Hot in the summers }
\end{aligned}
$$

3.5.3.2 Cool in the summers
ب
3.5.3.3 Warm in winters
بيكرمايّاً برتًا
3.5.3.4 Cold in winters
3.6 How many of these rooms have:

3.6.1 Windows that open to the outside?

3.6.2 No windows at all?

كهُ
3.6.3 Have windows that open very close to the neighbouring appartment?

3.7 Are you able to see into your neighbour's appartment or living spaces?


### 3.7.1 Yes <br> !

3.7.2 No
'
3.7.3 Does this affect yours or your neighbours' privacy


### 3.7.3.1 Yes 

3.7.3.2 No
"
3.7.3.3 If so, how?

3.7.3.4 And, how do you cope with it? (Pls explain)

آپ/ル
3.8 Do you require space to do economic activity in your appartment?
(Pls tick appropriate)


### 3.8.1 Yes <br> !

3.8.2 No
3.8.3 If Yes, what sort of activity/activities? (Pls explain)

3.8.3.1 $\qquad$
$\qquad$
3.8.3.3 $\qquad$
3.9 Do you do any economic activity in the appartment (Pls tick appropriate) كي

### 3.9.1 Yes

!
3.9.2 No

ني
3.9.3 If yes, (pls mention the type of activity/activities)


### 3.9.3.1

$\qquad$
3.9.3.2 $\qquad$
3.9.3.3 $\qquad$
3.10 Nature of ownership of the appartment: (Pls tick appropriate)
(
3.10.1 Owned

ت
3.10.2 Tenant كايرار
3.10.3 Other (Pls specify)


## 4. Use of Public Space and Communal Facilities


4.1 Where do the younger (under 14) play (Pls tick appropriate) (2 (2)

### 4.1.1 Park/play grounds <br> **

4.1.2 Streets

U
4.1.3 Any other area Pls specify)
(

### 4.1.4 Don't play 

4.2 Where do the older boys play (Pls tick appropriate)

4.2.1 Park/play grounds * , ركا
4.2.2 Streets

6
4.2.3 Any other area Pls specify) (土) (نضا V,

4.3 Are there any problems for women an girls regarding games/recreation, meeting?

4.3.1 Yes
!
4.3.2 No
"
4.3.3 If yes, what are they? (In order of priority)


### 4.3.3.1

$\qquad$
4.3.3.2 $\qquad$
4.3.3.3 $\qquad$
4.4 How can they be solved? (In order of priority)


> 4.4.1
$\qquad$
4.4.2 $\qquad$
4.4.3 $\qquad$
4.5 Where do you do your household shopping?

4.5.1 $\qquad$
4.5.2 $\qquad$
4.5.3 $\qquad$
4.6 Do you go out of the appartment for recreation?

كِ
4.6.1 Yes
!

### 4.6.2 No <br> "

4.6.3 If yes

ا
4.6.3.1 Where do you go?

كس
4.6.3.2 How often do you go?

4.6.3.3 Do you go as a family?
4.6.3.4 How much do you spend on one visit?
4.7 Is there a marriage/shadi/community hall in the area?
4.7.1 Yes
!
4.7.2 No

نٌ
4.8 How often do you go to the shadi/community hall?

4.9 Is the shadi / community hall used for any other purpose besides weddings?


### 4.9.1 Yes <br> U! <br> 4.9.2 No <br> "

4.9.3 If yes what's that

4.9.3.1 $\qquad$
4.9.3.2 $\qquad$
4.9.3.3 $\qquad$
4.10 Do you use the streets or other open spaces as gathering places of the community (or community center) in the area?


### 4.10.1 Yes


4.10. 2 No
!
4.11 If yes do you use it (Pls tick appropriate)

4.11.1 How many times

كتُ
4.11.2 What for? ك
4.12 Do women gather at this place as well?

4.12.1 Yes

4
4.12.2 No
"
4.12.3 If No, why not?

4.12.3.1 $\qquad$
4.12.3.2 $\qquad$
4.12.3.3. $\qquad$
4.13 And do they need a separate community centre?

4.13.1 Yes
!
4.13.2 No


## End

## 9 Interview of the Nearest School (*)

9.1 Is open space in the school sufficient?


### 9.1.1 Yes <br> 

9.1.2 No

نi
9.1.3 If No, how much space do you need? (Pls explain)


### 9.1.3.1

$\qquad$
9.2 Is the built space inside sufficient?

9.2.1 Yes
!
9.2.1 No
9.2.3 If No, how much space do you need? (Pls explain)


### 9.2.3.1

$\qquad$
9.3 Where do the children usually play?
.
9.3.1 In the class rooms , ركّ
9.3.2 In the streets " يّيلي
9.3.3 In the nearest open space
,
9.4 Does the school play any role in community development?

## كي إ.

### 9.4.1 Yes

 !9.4.2 No
9.4.3 If Yes, what role? $\qquad$
ا
9.4.4 If not, why not?

9.5 As a teacher what is your opinion about the apartment (In order of priority)?

9.5.1 $\qquad$
9.5.2 $\qquad$
9.5.3 $\qquad$
9.6 What is wrong about the apartments and the settlement (In order of priority)?

9.6.1 $\qquad$
9.6.2 $\qquad$
9.6.3 $\qquad$
9.7 Do you think that to Healthy living

با
9.7.1 Yes

U
9.7.2 No

نٌ
9.8 Do you think that apartment living is conducive to maintaining social relationships?


### 9.8.1 Yes

!
9.8.2 No

シ"
9.9 Do you think that apartment living affects educating children in any way?

9.9.1 Yes
U
9.9.2 No

シ"

## End

ختخ

## Interviews for Paposh Nagar Study


Questionnaire: 75 Interviews


## 1. Family Information (ثا النكمعلوات)

1.1 Name of respondent

بابر
1.2 Gender of the respondent (PIs tick appropriate)

1.2.1 Male
\%
1.2.2 Female צور
1.3 Age of the respondent (Pls tick appropriate) :
1.3.1 B/w 20 and 29 -
1.3.2 B/w 30 and 39

1.3.3 B/w 40 and 49 -
1.3.4 B/w 50 and 59

1.3.5 60 and above *
1.4 Plot/Street No. (Pls put exact address)

1.5 Living since when (Pls mention specific year) 
1.6 Number of family members living in your house (Pls put the numbers)
شٌ الن
1.6.1 Husband / wife ..... غit
1.6.2 Children number / of ages
.
1.6.3 Grand children number with ages
1.6.4 Others ..... ,
1.6.5 Number of children going to school
اسَولج
1.6.6 Working members
,
1.6.6.1 Total ..... ${ }^{6}$
1.6.6.2 Womenزاتيّن
1.6.6.3 What work do they doروزڭاركونوي
1.6.6.3.1 $\qquad$
1.6.6.3.2 $\qquad$
1.6.6.3.3 $\qquad$
1.6.7 Where do they work?

جا
1.6.7.1
1.6.7.2
1.6.7.3 $\qquad$
1.7 Total income (pls tick the appropriate bracket)

ك كآش (
1.7.1 B/w 2000 and 4999

1.7.2 B/w 5000 and 7999

1.7.3 B/w 8000 and 10999

1.7.4 Above 11,000

1.8 Income spent on transport (pls tick the appropriate bracket)

1.8.1 B/w 1000 and 1999
-••••
1.8.2 B/w 2000 and 2999
-
1.8.3 B/w 3000 and 4999
-
1.8.4 Above 5,000

1.9 Previous residence

گ游
1.9.1 Location

范
1.9.2 Owned
Uانق;
1.9.3 Rented

كرايورار
1.9.4 Other (Pls specify)
(ونا \# (و) V,
1.9 Advantages at the current location (In order of priority)

1.9.1 $\qquad$
1.9.2 $\qquad$
1.9.3 $\qquad$
1.10 Disadvantages, current location (In order of the priority of the most disadvantageous)

تنشا
1.10.1 $\qquad$
1.10.2 $\qquad$
1.10.3 $\qquad$

## 2 Preferences (: بيحات")

2.1 If you had a choice what would you chose (Pls tick appropriate)

2.1.1 80 square yards in Khuda Ki Basti for Rs $\qquad$
: اكَّتقيّ.
2.1.1.1 Monthly instalment $\qquad$ ,
2.1.2 48 square yards in Baldia for Rs

بلـيّ
2.1.2.1 Monthly instalment Rs $\qquad$

2.1.3 2 room flat in New Karachi at Rs

2.1.2.1 Monthly instalment Rs ,
2.1.4 A 120 square yards plot in Ittehad Town

2.1.2.1 Monthly instalment Rs .
2.1.5 Your current house in Paposh Nagar

2.1.6 A redesigned house in Paposh Nagar *
2.1.7 What would the redesign include

2.2 Give two reasons for your choice (In order of priority)

2.2.1 $\qquad$
2.2.2 $\qquad$

3.1 Why would you choose to continue to live in this area and house

3.1.1 It is near to your place of work

3.1.2 Your relatives/clan live in this area

3.1.3 The amenities in the area are good .
3.1.4 You have an association with the ancestral home

3.2 What is right about the settlement (In order of priority)

3.2.1 $\qquad$
3.2.2 $\qquad$
3.2.3 $\qquad$
3.3 What is wrong about the settlement (In order of priority)

3.3.1 $\qquad$
3.3.2 $\qquad$
3.3.3 $\qquad$
3.4 Do you think that the environment and the houses are conducive to: (Pls tick the appropriate)


### 3.4.1 Healthy living

مت
3.4.2 Social relations

3.4.3 Raising children

پ\%
3.5 Is your house well-ventilated?

كآ پ6
3.5.1 Are the kitchen and the washroom(s) well ventilated?

3.5.2 Are the living and bedrooms of the house airy and
comfortable for living?

### 3.5.3 Is the house:

3.5.3.1 Hot in the summers
3.5.3.2 Cool in the summers

### 3.5.3.3 Warm in winters

### 3.5.3.4 Cold in winters


3.6 How many of these rooms have:

3.6.1 Windows that open to the outside?

3.6.2 No windows at all?

3.6.3 Have windows that open very close to the neighbouring house?

3.7 Are you able to see into your neighbour's house or living spaces?


### 3.7.1 Yes <br> 

3.7.2 No
"
3.7.3 Does this affect yours or your neighbours' privacy


### 3.7.3.1 Yes 

3.7.3.2 No

ن
3.7.3.3 If so, how?

3.7.3.4 And, how do you cope with it? (Pls explain) آپוט
3.8 Do you require space to do economic activity in your house? (Pls tick appropriate)

كيآشکا

### 3.8.1 Yes <br> U!

3.8.2 No
"
3.8.3 If Yes, what sort of activity/activities? (Pls explain)

3.8.3.1 $\qquad$
3.8.3.2 $\qquad$
3.8.3.3 $\qquad$
3.9 Do you do any economic activity in the house? (Pls tick appropriate)


### 3.9.1 Yes <br> !

3.9.2 No
"
3.9.3 If yes, (pls mention the type of activity/activities) ا厂 ابن(رَا
3.9.3.1 $\qquad$
3.9.3.2 $\qquad$
$\qquad$
3.10 Nature of ownership of the house: (Pls tick appropriate)
.
3.10.1 Owned
; اتظ لكيت
3.10.2 Tenant

كرايورار
3.10.3 Other (Pls specify)
(بانك (برّ)V,
3.11 What is the total number of rooms (living and bedrooms) in the house?

3.12 Total area (in sq yards) $\qquad$ (نُمرّْ/)
3.13 No. of families
غّا انوّ كَترار
3.14 Roof construction (Pls tick appropriate)
3.14.1 RCC

3.14.2 Tiles

北
3.14.3 G.I
.
3.14.4 Asbestos $\qquad$
10,
3.15 Does this house provide you any additional income?

3.15.1 Yes
!
3.15.2 No
ジ
3.15.3 If yes, type of Income

3.15.3.1 Rented a portion:
6
3.15.3.2 It has a shop: .
3.15.3.3 Other
v,
3.16 Front or nearby space of house is used for .

### 3.16.1 Vending


3.16.2 Animals/Cattle p
3.16.3 Cloth Washing

3.16.4 Storage purpose

3.16.5. Other v,
3.17 Average amount spent on maintaining a house, in a year N
3.18 From where you get the money for maintenance?

3.18.1 Personal saving

3.18.2 Selling of assets
⓪*
3.18.3 Credit informal

3.18.4 Credit formal كتّ
3.18.5 Credit thalla as material

3.19 Do you have plans for further construction.

3.19.1 Yes
!
3.19.2 No
"

## 4. Use of Public Space and Communal Facilities 9, 9ا,

4.1 Where do the younger (under 14) play (Pls tick appropriate) (2 (2)

### 4.1.1 Park/play grounds **

4.1.2 Streets
Un
4.1.3 Any other area Pls specify)

4.1.4 Don't play
4.2 Where do the older boys play (Pls tick appropriate)

4.2.1 Park/play grounds

4.2.2 Streets

كا
4.2.3 Any other area Pls specify)
(رنّ) (رنا V,
4.2.4 Don't play ",

```4.3 Are there any problems for women an girls regarding games/recreation,meeting?
```



```
    4.3.1 Yes
            !
    4.3.2 No
        **
    4.3.3 If yes, what are they? (In order of priority)
```


4.3.3.1
$\qquad$
4.3.3.2 $\qquad$
4.3.3.3 $\qquad$
4.4 How can they be solved? (In order of priority) انصان
4.4.1 $\qquad$
4.4.2 $\qquad$
$\qquad$
4.5 Where do you do your household shopping?

4.5.1 $\qquad$
4.5.2 $\qquad$
4.5.3 $\qquad$
4.6 Do you go out of the settlement for recreation?

4.6.1 Yes

4.6.2 No
4.6.3 If yes

إ
4.6.3.1 Where do you go?

4.6.3.2 How often do you go?

4.6.3.3 Do you go as a family?

4.6.3.4 How much do you spend on one visit?
4.7 Is there a marriage/shadi/community hall in the area?


### 4.7.1 Yes <br> U!

### 4.7.2 No <br> ジ

4.8 How often do you go to the shadi/community hall?

4.9 Is the shadi / community hall used for any other purpose besides weddings?

4.9.1 Yes

4
4.9.2 No
"
4.9.3 If yes what's that إبآك
4.9.3.1 $\qquad$
4.9.3.2 $\qquad$
4.9.3.3 $\qquad$
4.10 Do you use the streets or other open spaces as gathering places of the community (or community center) in the Nawalane?


### 4.10.1 Yes

!
4.10. 2 No
4.11 If yes do you use it (Pls tick appropriate)

4.11.1 How many times
4.11.2 What for?

ك
4.12 Do women gather at this place as well?

كَ
4.12.1 Yes
!
4.12.2 No
+
4.12.3 If No, why not?

4.12.3.1 $\qquad$
4.12.3.2 $\qquad$
4.12.3.3. $\qquad$
4.13 And do they need a separate community centre?

4.13.1 Yes
!
4.13.2 No

5.1 How long have you been living in this settlement? (No. of years)

5.2 Relationships built with others over the years.


### 5.2.1 Yes <br> 

5.2.2 No
5.3 Are these relationships useful for any of the following?


| Type ;وئيت | Yes U! | No, |
| :---: | :---: | :---: |
| Getting a job <br>  |  |  |
| Admission of children to school <br>  |  |  |
| Relations / problems with police -浆 |  |  |
| Conflict resolution人 |  |  |
| Others v, |  |  |

5.4 If yes, what is the role of CBOs? (Pls tick the appropriate)

ا/ بإنّ
5.4.1 Assist in funerals +
5.4.2 Provide decoration for marriages

ثارى باهكاكتزيات
5.4.3 Lobby for basic services

5.4.4 Assist for admission in schools for children

5.4.5 Help in bailouts with police

5.4.6 Conflict resolutions
.
5.4.7 Others $\qquad$
v,
5.5 Do you get monthly or daily household goods on loan from shopkeeper?

كيآ پל

### 5.5.1 Yes <br> 

5.5.2 No
5.6 Do you have a saving committee / group saving?

5.6.1 Yes

5.6.2 No
$\square$
"
6. What is the role of NGO's in your area? (Pls tick the appropriate) آپ
6.1 Govt. substitute

6.2 Govt. support

6.3 Individual capacity أ円)

7 Being an old area of the city, Paposh is important to you?

### 7.1 Yes



### 7.2 No

### 7.3 If yes what is the importance (in order of priority) 

### 7.3.1

$\qquad$

### 7.3.2

$\qquad$

### 7.3.3.

$\qquad$

8 Immediate further developments are required in which of the following sectors (Pls tick one of top most priority)


### 8.1 Education

### 8.2 Health

- 


### 8.3 Roads

### 8.4 Water \& sanitation

 صانـ**8.5 Solid waste disposal

- كورا
8.6 Other (Pls specify)
(رنا \# (رّ H v,
8.6.1 $\qquad$

Form Filled By:

Date:

## Interviews for Paposh Nagar Study <br> 

9 Interview of the Nearest School (*)
9.1 Is open space in the school sufficient?

## 

9.1.1 Yes
!
9.1.2 No

نi
9.1.3 If No, how much space do you need? (Pls explain)

9.1.3.1 $\qquad$
9.2 Is the built space inside sufficient?

9.2.1 Yes

4
9.2.1 No

ن
9.2.3 If No, how much space do you need? (Pls explain)

9.2.3.1 $\qquad$
9.3 Where do the children usually play?
.
9.3.1 In the class rooms

9.3.2 In the streets كُيّي
9.3.3 In the nearest open space
"••
9.4 Does the school play any role in community development?


### 9.4.1 Yes <br> !

### 9.4.2 No

9.4.3 If Yes, what role? $\qquad$
K إنقوكيكروارب
9.4.4 If not, why not?

9.5 As a teacher what is your opinion about the settlement (In order of priority)?
9.5.1 $\qquad$
9.5 .2 $\qquad$
9.5 .3 $\qquad$
9.6 What is wrong about the settlement (In order of priority)?

9.6 .1 $\qquad$
9.6 .2 $\qquad$
9.6.3 $\qquad$
9.7 Do you think that the environment and the houses are conducive to Healthy living

```
آبَ
```

9.7.1 Yes
!
9.7.2 No
"
9.8 Do you think that the environment and the houses are conducive to maintain social relationships?

9.8.1 Yes
!
9.8.2 No
9.9 Do you think that the environment and the houses are conducive to educating children?

9.9.1 Yes
9.9.2 No

ن"

Form Filled By:

Date:

