

**THE SHARED SPACE ON OUTSIDE BUILDING AROUND LOW INCOME FLATS  
IN THE CONTEXT OF BEHAVIOR AND CULTURE'S RESIDENTS****Ratna Darmiwati\*, Happy Ratna Sumartinah, Purwanita Setijanti**

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**DOI: 10.5281/zenodo.212387****KEYWORDS:** Shared space, Placement of shared space, Environment of low- income flats, Behavior and culture.**ABSTRACT**

Surabaya has big population and great economic potential land. When the city is developed in economic sector, then the condition has become the main attraction for job-seekers from rural areas, which contributes to the urbanization rate. All of them make untidiness atmosphere in some corners to the city.

The local government was difficult controlled to high rate the urbanization cause limited funds, facility and infrastructure. The central government plans to implement the provision of housing for the lower classes and small employees who do not have a livable residence in the city. The limited of socio-economic factors among the low-income circles, leads to the emergence of settlements and slum areas that are not orderly. To overcome this problem, the state of local government do rejuvenation to many slum areas and move the residents who live in squatter to flats complex for low income society. The local government that measures among others realization with conducting the low-cost housing and built the flats complex in the city. Urban renewal, is the only way in creating the city so that can be clean, healthy, and orderly and dignified.

The local government hopes that the resident can be developed by themselves in there. The culture of togetherness among low-income level brought to participate the lifestyle in complex of flats.

The various activities of low-income level that settlements serve are fulfilled. There are such as togetherness spirit, socialization in group, centers of economic activities, non-formal education in among others. The shared space as a container acts where these various activities take place in.

The research objective is to study how the right placement of shared-space on environment of low income flats complex to formulate the basis of favorable treatment. So that the occupants do not move on to other places and they can be developed by themselves in there.

**INTRODUCTION**

The development of major cities in the world has been built rapidly where the society is getting more organized, healthy, clean and secure with a much better hope for living. In the context of development land, there in urban areas are faster developed than the rural areas. This condition has caused the big gap between the urban and rural areas for the facilities and infrastructures in their environment.

The high urbanization rate causes imbalance between demand and supply for low income flats facilities and infrastructure in the city. The local government or province due have limited fund. Which the urban population growth is far exceeding than the speed of to develop all the Facilities and infrastructure in the city.

The human beings needs a 'container' to perform the various activities inhabitant, that one which is on the residential of low income environment. The utilization of land use should be divided into several zones on settlements. There are the open spaces for placement of residents shared spaces.

According with Lang (1987), stated that "A settlement is defined as a place, space or area, which the residents live together and forming several group. Thereby the group uses in the existing environment and sustain themselves to establish and develop a common life in new area".....(4). The settlement is one of the basic



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human needs for carrying out their activities, while in case the people need a shelter to protect themselves from natural situation that the existing of place can be erratic condition. The sustainable of neighbourhoods, there are the stimulation of processes in there. Then the urban renewal can sustain to create the condition by themselves. According with the statement of Rapoport (2005), stated that "There are a strong correlation between the human behavior, culture and environment that enhancing in the quality of life. Selection of a residence as a dwelling place by the user community, does not always depends on the existing condition of low income flats only, but also on facilities available and completeness".....(8). There is accordance with the character of social behavior of the residential user, and the location accessibility. Processing of the various notions mentioned above applicative in the low income complex of flats, there are in building which serves as residence or dwelling place, and provides security and comfort to the occupants as they carrying the internal activities within their rural culture all. While a flat's unit in the residential neighborhood that serves as a container for interactions of the characters movement among the user community. Another definition by Haryadi and Setiawan (1995), "Elaborates a settlement as a residential or group of houses with all elements as well as the activities related to the settlements in environment exist".....(3). The low income of flats as a settlement there are housing with all the amenities with activities that take place according to the character of the occupants. The common space in complex of flats that have been planned where utilization by the residents occupants are quite varied. A part of them are used, and a part of its often switching functions or even not use the occupants. The existence of outer space which is formed without well-planned, if the residents of the lower classes used in generally as the user desires won't be utilized optimally, so that cause the crowding condition and disorderly atmosphere (field observations data by researcher, 2016). The settlement of low income society acts as a unified residential group with the environment there in, where the inhabitants live in with togetherness. Influenced by the character of resident's behavior and culture, there are the existence of shared spaces as communal places for their needs application.

According to Poerwanto (1997), stated that "The crowded circumstances, associated with lack tolerance feelings as a function of user control to the existing environment. This situation can be affected negatively by the behavior and culture of residents and the excessive social burden".....(6).

Influenced by the behavior and culture of the settlement society, so that the existence of shared space as a communal place for occupants needs to be fulfilled and can be met all the demand of residents in there.

The city rejuvenation program is one of the solution that create healthy, clean, orderly and dignified the city. The solution above can be done if the government do the evictions in the slums area, and put all the occupants into low income complex of flats for the society occupants then they can develop themselves.

According to Rapoport statement (1977), "There are five components of the environment forming that the individual, physical, supra environment, personal environment and social environment" .....(7). The statement above means, if all of the components can be reflected on the environment, which the low income people can be lived together with their group liveable, so that the residents who occupied the complex of flats and can be lived decently. That's why the local government also have to consider about the psychology of low income society aim in, who will live in complex of flats. In order to implement the provision of the lower classes housing with small employee, the government have to assure how to manage the land. So that the condition can be met the occupants need with also considering the city land prices. The statement of Altman and Chemers (1984), "Adaptation of the environment was done by humans, that will be created to show the identity and ownership in there".....(1). The next stage is going to create emotional bond between people (as users) and occupancy (as a place for living). Attachment between humans in place grew, when the inhabitants live and moving in environment applicable. The bonding occurs naturally, which will strengthen the relationship further that involve the emotion, cognition and behavior of the occupants. The expert's statement of Turner and Fichter (1972), stated that "In human settlement implemented all the needs and problems of the people".....(10).

The above statement is understood all of the problems and also their needs in order to establish the flats complex. If the local government understand what the problems and the needs are, then they can make the easier way for them to adjust the environment of flats complex, and keep the low income people's behavior can be fit.



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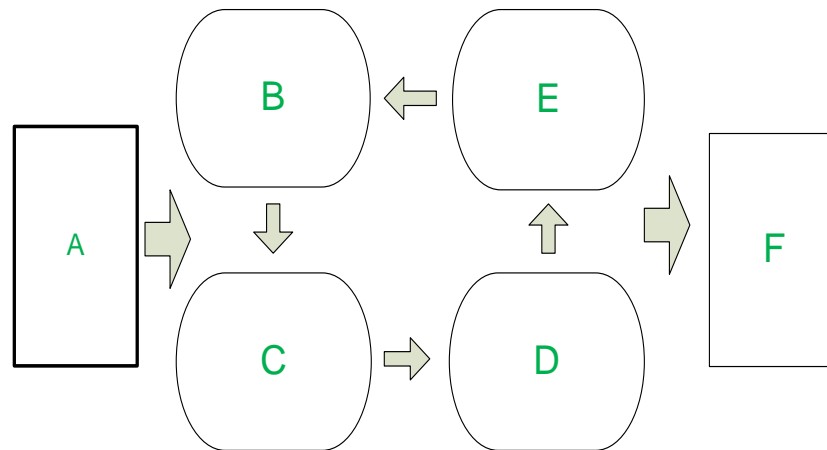
The research objective is to study how the right placement of shared-spaces in environment complex of flats that to formulate the basis of favorable treatment. So that the occupants did not move on another places, stay and keep the environment make orderly and can be developed themselves in there.

### MATERIALS AND METHODS

The countrified lifestyle in basic theory inherent that the lower classes cannot be easily eradicated from among them, even though the residence location is better condition than on the village. Therefore the habits which characterize the actual residents must be anticipated and then applied to the new place. The residents can be adapted, because the residence and environment is a determinant factor that there are identical occupants to know easily. The low income flats building complex is a multi-storey building which is built in an environment divided into sections and functionally structured that in horizontal and vertical directions. This is one of the best way for the local government to achieve the goals so that the environment condition can be used cleanly and orderly. The role of local government is needed in coaching and guidance the occupants that based on the development programs (such as the human development, community development and business development).

There is according to Poerwanto (1997), stated that “The settlement is a place for humans living who have prepared carefully and to clear their purpose, so that the future can be provided prosperity for the citizens of the occupants”.....(6). The statement means that people can live in a place comfortably, if there are some implementations of behavior and culture in their own environment. So that in order to achieve the rejuvenation city can be succeeded. Then the residents have livable there in.

**Figure:**



*The flow chart of research activities*

- A. Regulation of government.
- B. Literature Review (about behavior, culture, shared Space, and environment).
- C. Observation in the low income Flats (on environment outside building).
- D. Interview with the respondents who live in low income Flats and field observation.
- E. Data analyzing and consultation with the experts in ITS Surabaya, Indonesia.
- F. Result of Research Application of behavior and culture in shared space of low income Flats (outside the building) building).



Figure:



*The shared space in flats environment*

The statement of Gibberd (1982), stated that “Human’s tend in resident is chosen suitable environment that can be satisfied them. They have been lived well and they can be prepared for the future of their families and community at large scale” .....(2). If there is a discrepancy between spaces with behavior and culture of the occupants, there are embodied in each place and that causes an undesirable atmosphere, which will have a positive impact for their identical environment.

The shared space is held a variety communal activities occupants, there are the positive and negative both in which represent the character of the users to develop by themselves. The shared space as important facilities component for the activities variety of low income society application, holding the physical and nonphysical both in. All of them based on the available environment conditions.

Furthermore, the survey and observation activity in fields can be done with three key point’s basis, there are the theoretical references, observation land results and all analysis of them. The observation results must be compared with the theoretical references that supported (the deductive method). The application of observation method is for seeing how the shared spaces have been used by the residents whether there are maximum utilized or not use. The determination of flats environment that will be used the occupants, there are based on the historical consideration or the background and specification of building. The originality of the residents and the shared space existence which have been planned or built by the occupants themselves in environment spontaneously.

## RESULTS AND DISCUSSION

The supporting data obtained to cover in this study, there are physical and non-physical elements. The non-physical elements to cover the literature about the togetherness, lifestyle, and culture of low income society, where they live in complex of flats inhabiting. Common space as shared space function, which existed around the flats building. Furthermore, the general rule of low income flats building in Indonesiacan be met a demand with the results of research output, so that the occupancy can be developed by themselves. Sustainable of neighbourhoods, there are the stimulation of processes in their complex. These images are caused the research to be conducted and covering all the needs aspects of low income resident. There are the shared spaces, the placement around flats, the complex of flats environment and the Indonesian law of flats, where those materials are necessary for the research. The guidance of local government beside the occupants live that was needed on various small business opportunities, where the process is not complicated and profitable for them. The implementation of finance counseling by the local government is necessary, such as loans program with low interest rate.

The results of field observation on three places of low income flats building in Surabaya (including: Penjaringan Sari, Urip Sumoharjo and Sombo flats complex), there are same condition of occupants, consist that:

### **The behavior of low level citizens**

The tendency of citizens occupant remains in socialize to each other has been reduced, because the majority of residents that informal working outside the complex of flats. If they came back to their flat unit they could not do anything because were very tired. Apart of women and teenagers majority are selling things with togetherness in complex. All the activities on their shared space were done dominantly. That seems highly like the human can be altered their life style.



**The culture of low income level citizens**

The low income occupants culture liked with simplicity, natural, and informal things. All of the specifications that are complicated in some elements behaviour process. The majority in group of low income level inhabited by the occupants that exit in around Surabaya which wellborn the rural areas outside the city. All of people are having same behavior and culture, although that each other society is not the origin location from. So that the behavior adaptation is not be needed any more. The culture of residents are not too open and welcome respond to local government's program that advance the complex of flats inhabitant. All of women in there have double tasks, which are working to help their husbands and can be controlled the family in living.

**The existence of shared space in case study**

The observations of shared space in each flats environment which is performed by linking wide the residents used. There are located in complex of flats, that include “what the activities were done, how long its used by the occupants, how much the interesting of users were, and who was the role of activity organizer”.

**The shared space used in low income flats**

The field observations and the resident’s interviews in shared space utilization of three low income flats showed that the activities did without a specific purpose. There are leading to the positive things that togetherness can be developed.

**The existence of occupants in low income flats**

There are inhabited with Javanese occupants mostly which specific characterized to any tribe adaptable. The harmonious atmosphere condition that strengthen encourage the unity of citizens in new flats of low income residents.

**The commitment of citizens to take care the environment:**

The occupants are applied selling things onthe shared space in complex of flats. This situation is positive impact that the condition in flats units to be quiet, clean and orderly, so that all of the occupants can be livable in there.

**The merging analyze of these things that above (point a-f ) can be allowed that the shared spaces are used independently, there consist :**

- The occupants can be utilized better in shared spaces are located and close on the residential. Then the women and teenagers can be worked more quietly.
- The Javanese majority inhabitants, that easier to arrange the situation of low income flats, which the tribal fanaticism tendency can be reduced.
- The positive impact of togetherness of the citizens must be expected the local government, which there are can be seen on the situation that below :
  - \* Harmony and peace of each other in neighborhood on the shared space.
  - \* Orderly condition in complex of flats environment that can be realized.
  - \* Shared space in outside the building with maximal used by the residents where all the needs can be applicated.
  - \* Togetherness character of the citizens can be produced in another shared space in low income flats (that the positive impact).
  - \* The small portion of citizen’s occupants, can be able for vehicles in there.

**Figure:**



*The shared space in flats Environment*



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If the togetherness of citizens that takes place in shared spaces as center of the residences activities that can be fulfilled on flats environment, they have to demonstrate between 'man-houses-environment' balanced, and then the relation between theirs can be dynamic and sustainable. There are affects of inter-personal, inter-group relationships, that supported by the infra-structure existing there in, which the specific activities represent the behavior and culture of users in there.

### CONCLUSION

- 1) The assessment existence of shared space in residential environments that intent and purpose, consist that :
  - a. Existence of shared spaces, can be accepted by the inhabitants of low-income residents.
  - b. Existence of shared spaces serve all the residents which daily activities can take place regularly and desire fulfilled.
  - c. Existence of right shared space which are the activities take place comfortably, safely, and orderly, without interfering with privacy of each other's occupants in there.
  - d. Existence of shared spaces can meet the architecture in term that suitable with the environment standards, there are noise, temperature, humidity, odors can be controlled, and the infra-structure can be organized.
- 2) Limitations income of lower classes, is a tendency where the women and teenagers in complex of flats that seek additional income with selling small thing in there, whether conducted the environment flats on inside or outside of. They are selling on the open spaces around flats while the common room on the ground floor were planned not agree with them. If the shared space still used of the occupants there are not switching to another area.
- 3) Where the situation of low income flats environment to be quiet, fairly clean, orderly, and the occupants were adapted in there so that they can be developed by themselves (the positive impact).
- 4) The color of low-income character occupants, which are togetherness, cooperation, simplicity and non-formal. That all can be applied in shared spaces that is formed giving effect of space desired in the occupants.
- 5) The essence of humans tend, to choose a suitable environment that satisfies them and afterwards they prepared the future of their families and etc.
- 6) The occupants and environment will be set to each other mutually so that can be increased continuously in future. The occupants positive character in their social and culture, can help to each other in various activities which can be taken the environment good care where the resident live.
- 7) The statement of Maslow (1987), stated that "The cognitive schema owned of the occupants that looking for a shelter in a specific place location".....(5). The occupants will be observed on new environment, then at first step to choose a place for themselves which the atmosphere in there must be matched with their character and comfort for occupying. Otherwise, if they were not agree with the situation in there, then they try to find out a new balance in another location environment.
- 8) The shared space is a container that holds all variety of communal activities (include the positive and negative both) for the occupants, which there are the color of character users can be applied in there.
- 9) The togetherness of citizens that took place in the shared spaces as the center of activities in there, that is the identical environment which affects the relationships of each other users.
- 10) The city life brought in progress aspect, such as extensive knowledge, adequate the opportunities and another one employment. In the other hand that a lot of specific things can be eroded actually, there the flurry of residents in family support increased. That can be drained the energy and time.
- 11) The habits of residents gathered even though without a specific purpose but despise the positive side for them. It means that all of things can be developed with togetherness characteristic of the low income occupants.
- 12) The aspect life of the lower classes behavior that often land occupation in without thinking about the negative consequences caused by their action.
- 13) The aspect life of lower classes, there are simplicity, naturally, and without specific target set in achieving the desire.
- 14) The activities developed in group which people participate as practitioners and users of development outcomes. The role of local government was needed in coaching and guidance the residents based on the development programs (such as the human development program, community development program and small business development program).



Figure:



*The shared space in flats environment*

### ACKNOWLEDGEMENTS

The adaptation act by humans are in order to survive themselves. Where the lower classes in process much easier adjustment, because on one group who have a compact habit and simple character will try to accept whatever they were obtained. The behavior and culture of low-income people who were taken from origin areas before staying in there, that impact on the residential containers on the complex of flats location. The residential atmosphere as village or commune was crowded that still coloring the new flats complex also. The condition in there was agree with Silas's statement (1990), stated that "The behavior and culture of the lower classes cannot be deprived in cultural roots of them" .....(10).The welfare of low income occupants who seem seedy and irregular place is an application of the grassroots activities. The role of local government is needed the distribution of tax payments from the middle classes in term then can be afforded and given to low income occupants. The government as the driving force and facility providers should be distributed in lending procurement and home improvement, which is in rural areas. The outreach of funds did not know the low income community wider, so that they cannot use the opportunity. The public participation also needs to be improved, especially in financial management, so that the implementation can be done smoothly.

The donations finding that are in architecture field, consist that:

"When the placement of shared spaces outside the flats building, which does not match with the behavior and culture of the occupants, then they cannot be used maximumly. So that the activities can be migrated in another place and the condition in flats environment cannot be orderly". The finding above can be expected to enhance the design of all low income flats prototype in Indonesia, and then hope the complex of low income flats can be succeeded and orderly in future.

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