

Orientation Center And Environmental Monitoring Of Settlements In Islamic Boarding School

Kurniadi¹, Wibowo Romadhoni²

Faculty of Architectural Engineering, Kaltara University, Indonesia¹

Faculty of Physics and Natural Sciences, Kaltara University, Indonesia²

ABSTRACT:

Background:The existence of GadingmanguIslamic boarding school in the middle of the global can become one of the interesting object to study, considering that this islamic boarding school is improved of education area. Since the beginning of this islamic boarding school, they have lived in harmony with the community. If observed, there is a strong will to protect traditional culture in the middle of the global culture this day.

There are three problem which considered in this research. First is to see how the interaction process between the islamic boarding school and the surrounding societies, and which space and environment setting have a function as media for social interaction between the islamic boarding school and the neighbourhood. Second, how is the attitude and behavior of the community about the existence of GadingmanguIslamic boarding school settlement. The aims of this study is to see cultural values of islamic boarding school which used in the settlement.

Materials and Methods:The methodologies used are relevant literature studies and field case studies. The application of defensible space theory and intensive study of physical and non physical aspects of the environment, studying the settlement of Gadingmanguislamic boarding school, involving the fields of architecture, environmental psychology, and sociology.

Results: The research results is to find the concept of space surveillance settlement can be considered by physical aspects. Physically, there is a setting which reflect strong interaction between the islamic boarding schoolGadingmanguand the settlement nearby.

Conclusion: the interaction between the Islamic boarding school and the surrounding community is an effective form of environmental monitoring

KEYWORD :*Orientation; center; environmental;settlement; monitoring.*

I. INTRODUCTION

Modernisation of the community were generally formulated as the application of scientific knowledge available to all the activities, all the life fields or to all the aspects of the community (Schoorl 1988, in Basrowi 2005). The modern community actually was results of the correlation between the height the value of human civilisation as the community's member by advancing him the level of rationality in studying results of culture. Therefore the modernisation enabled the life creation of the stable community, prosperous, just, prosperous, and equitable (Cyril Black 1960, in Basrowi, 2005). The modernisation was the process of the change in the community and culture in all of his aspect, from traditional to modern (Ramon 1986, in Basrowi 2005).The existence of the islamic school in the middle of the settlement of surrounding area caused the social interaction as the reciprocal influence between two sides between the individual or the group in order to achieve the certain aim (Roucek and Warren 1984, in Basrowi 2005). One of his aims was created defensible space that is creating the environment with the territory and the feeling of the community that was had by his occupants, was realised in a responsibility of guaranteeing his life space so that safe, productive, and was maintained well. (Oscar Newman, 1972). Revealed also by Oscar Newman that defensible space was a model for the settlement environment that could prevent the crime by means of creating the physical expression of a social component that could maintain, guarded, and developed himself.

II. Materials and Methods

Literature Studies Defensible Space in the Settlement:

Elements defensible space (Oscar Newman, 1972) this was explained as follows:

Territoriality:

Cohesiveness of the family's unit and territory from the group of the family's unit, always had the expression arsitektural. The feeling expression of the territory had strong relationship with a consideration that enabled occupants to maintain the law and the belief as well as his control.

Natural Surveillance:

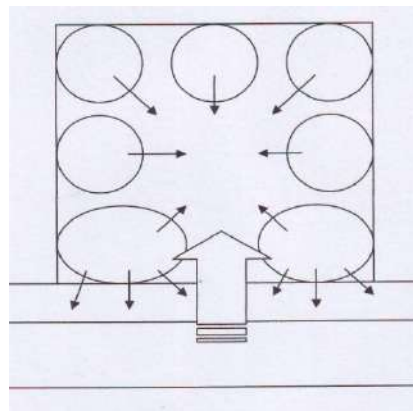
The capacity observed the public's space from one of the houses and made the person always felt the person was supervised by other occupants when being outside the building and in the building so as to emerge the security of the environment, so that the activity takes place without the disturbance.

Image & Millieu:

The building with the typical feature was the interesting matter attention. The strange impression from a settlement was related directly to the design of the house and the social characteristics of his occupants, could make this house be easy to be the criminal target.

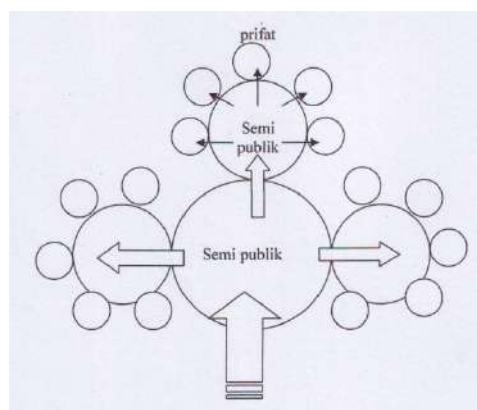
Geographic Juxtaposition:

The reason was acknowledged as the safety zone because of the number of people who was involved in the activity, so as to have the opportunity to supervise each other and be the witness when having criminal casualties. Humankind by a large number was the real strength to prevent the crime. The close location election each other created the transitional limit between the function of the area of one and that was other. The mechanism defensible space that was applied here was the design of the settlement environment and his nearness with the location of the place of the occurrence of the other activity. Basically was fourth this matter was not separated to one another, and together formed defensible space for the settlement environment. The illustration skematik the concept defensible space could be seen in the picture along with:

**Figure II-1 :**

defensible spaceschematic illustration in the environment supervision system

Source: Oscar Newman, *Defensible Space*, 1972

**Figure II-2 :**

defensible spaceschematic illustration in the public-privacy system

Source: Oscar Newman, *Defensible Space*, 1972

Field Case Studies:**The First year:**

- 1). By using the concept defensible space was expected to be received the picture of the space order, the building, and the environment physically.
- 2). The seminar, was the end activity that brought together the researcher's side, the resident of the islamic school, and the community member, as efforts to communicate results of the research.

The Second year

- 1).By using the theory of the correlation product moment (Ancok, 1987), will be received by the analysis statistic in accordance with the data kuantitatif, so as to be received by relations between the perception, and the identity someone against the object of the environment (Marat, 1984).
- 2). By using the perception approach someone was against the physical object hoped for diperoleh the attitude and the behaviour of the related community towards the existence of the islamic school and his environmental order that have nuances educative-religious.
- 3).Seminar, was the end activity that brought together the researcher's side, the resident of the islamic school, and the community member, as efforts to communicate results of the research.

III. RESULT

The above figure could be explained that is gotten by the existence of the order that was typical between islamic boarding school Gadingmangu and the settlement of surrounding area. Including being the location of the existence of the LuhurNurhasan mosque, SMP, SMA, and SMK Budi Utomo was in one complex that was supplemented with space was open and was surrounded by the settlement of the inhabitants. Whereas the function of this environmental road nearby as the circulation and the connector between one building with other facilities, also functioned as the forum for the activity for the resident of the islamic school and for the settlement community of surrounding area. The skematic could be concluded as follows:

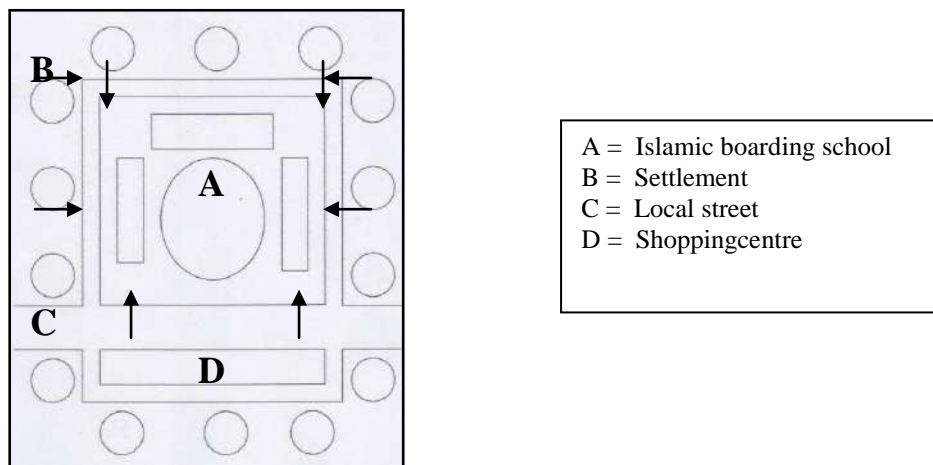


Figure III-1 :
Theoretical scene The Settlement Surveillance Concept of Gadingmangu Islamic boarding school Perak Jombang

IV. DISCUSSION**History of LuhurNurhasan Mosque and Gadingmangu Islamic Boarding School**

Among the thousands and even millions of mosques in Indonesia, there are some that are categorized in the ranks of the most beautiful mosques in Indonesia which are written in books and magazines by related parties. In the news published in one magazine, there is something unique that we should be proud of, among the 100 most beautiful mosques in Indonesia, one of which is the LUHUR NUR HASAN Mosque which is located in the GadingMangu Islamic boarding school, Perak Jombang, which is one of the largest centers of Islamic religious education. in Indonesia, which emphasizes the teaching of the Qur'an & Al Hadith and the formation of morality for the younger generation. This Islamic boarding school is located in the village of GadingMangu Perak, Jombang, East Java Province. The location is only 400 meters north of the BalungJeruk market, Perak District, Jombang Regency.

In addition to educating the younger generation to become reliable preachers and preachers who master the knowledge of the Quran and Hadith and have noble character, GadingMangu Islamic Boarding School also fosters its students to have high intellectuality and have a global perspective. Because this Islamic boarding school is supported by public schools at the level of junior high school, senior high school and vocation school under the management of the Budi Utomo Foundation.

The GadingMangu Islamic Boarding School, which began operating in 1952, has facilities including a female dormitory building, male dormitory building, hall, guest house, public kitchen and a student activity center, namely the BaitulAntiq Mosque which was inaugurated by the Regent of Jombang H. SoewotoAdiwibowo on January 7 1997. While the architectural style displayed in the construction of the Great Mosque was inspired by BAITULLAH, which is located in Mecca, Saudi Arabia, it even underwent several renovations in its construction due to the long age of the mosque, starting from the change of 4 towers on each side as well as quality wood carvings. at every entrance even inside the mosque, as well as the place where the imam prays are also made in a style that is quite beautiful like mosques in the Middle East because in all aspects this is where the Great Mosque of Nur Hasan has become one of the 100 most beautiful mosques in Indonesia, and we as a generation of Muslim youth of course should preserve and look after mas the mosques both now and in the future.

The structure of Gadingmangu Settlement

Arrangement administratively the Gadingmanguislamic boarding school was in the Gadingmangu Village that consisted of 67% was the paddy-field land/the field and 40% were the region woke up. The Gadingmanguislamic school region in his development up to now, is the settlement that was non formal took the form of the village that developed around the islamic school, and was gotten several houses that were functioning as efforts space took the form of the shops especially in the main access road the environment.



Figure IV-1 :
The environment of Islamic boarding school Gadingmangu & sorrounding settlement
 (Source : Field survey result, 2020)

The construction of Islamic boarding school Space

Generally to learn the existence of relations and the construction must be of space that happened known by the perpetrators, the activity that was carried out, so as to produce space as the forum for the activity together. Clearer could be seen in the table along with:

Table 4.1 : The pattern of the Interaction and the Construction of Space

Object/Subject		Activity	Circulation	Room
Islamic boarding school	Kyai/ Ustadz	stay	Environment street	Home
		pray		Mosque
		teach		Boarding school
	Santri/ student	stay		Dormitory
		pray		Mosque
		eat		Eat
		toast		Kichen
Settlement	Community	learn		School
		stay		House
		pray		Mosque
	Student	stay	Kyai's house	
		learn	Home	
			School	

Source : data & analysis result

From the above figure, could be translated through two categories that is the islamic school and the settlement of surrounding area, could be explained as follows :

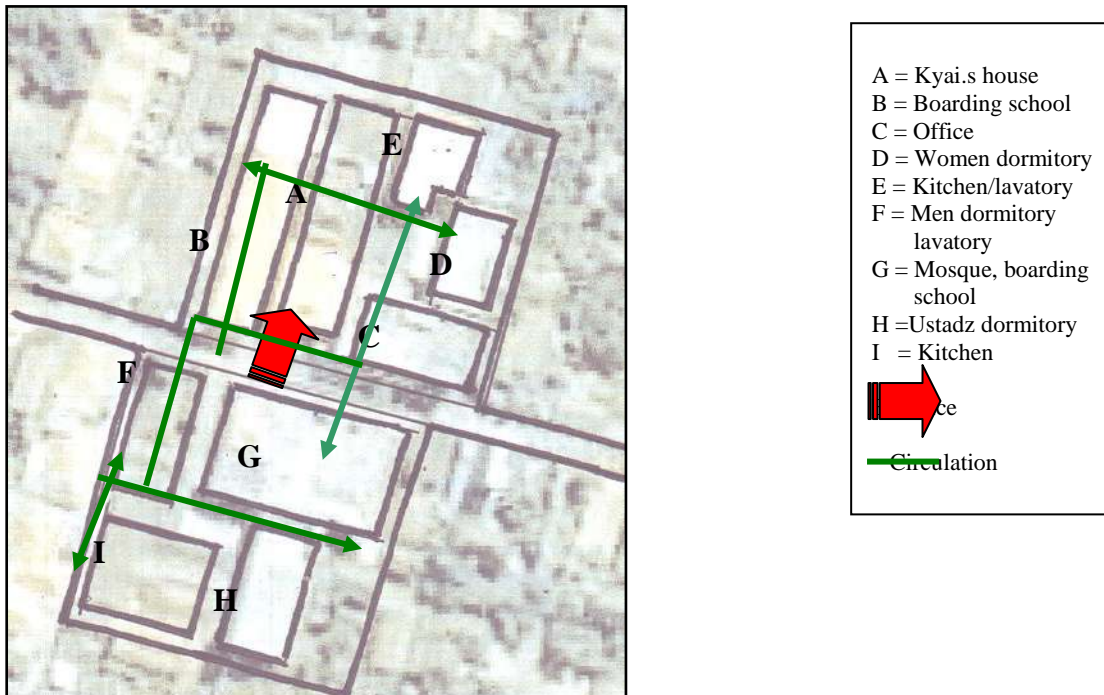


Figure IV-2 :
Environment & circulation of Islamic boarding school Gadingmangu I

The students took place in the barracks, the boys and the girls were placed separately. There were some special students the hut, there were some students double as as the student, junior high school, senior high school, Budi utomovocational school. Some school students came from the community member who lived outside the hut, that is in the settlement around or even came from outside the city.

The configuration of the building islamic boarding school Gadingmangu could be scrutinised in the picture along with:

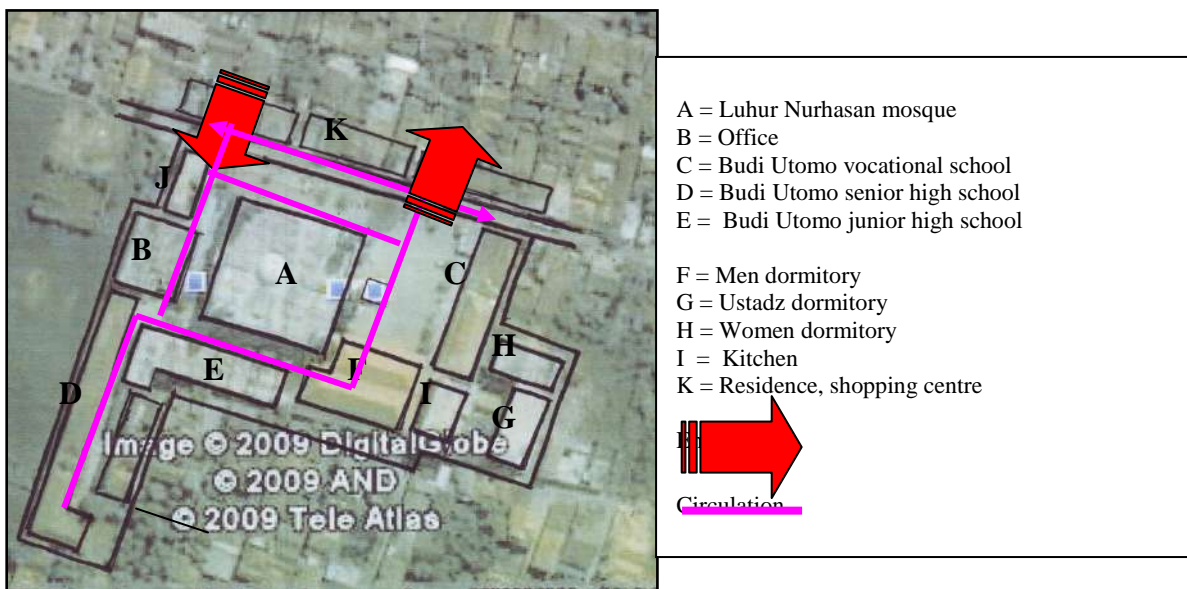


Figure IV-3 :
Environment & circulation of Islamic boarding school Gadingmangu II

Settlement & Community Teritorial

The aspect of the culture or this physical aspect, must be studied and determined the physical product from this value of the culture, was connected with the territorial aspect of the community in the Gadingmangu Islamic School region. As for the physical product the values of the culture in relation to territorial the community, at the same time as the social interaction vehicle of the community covered:

- a. The hut islamic boarding school
- b. The LuhurNurhasan mosque
- c. junior high school, senior high school, and Budi Utomo vocational school
- d. Open space
- e. The local street
- f. Residence

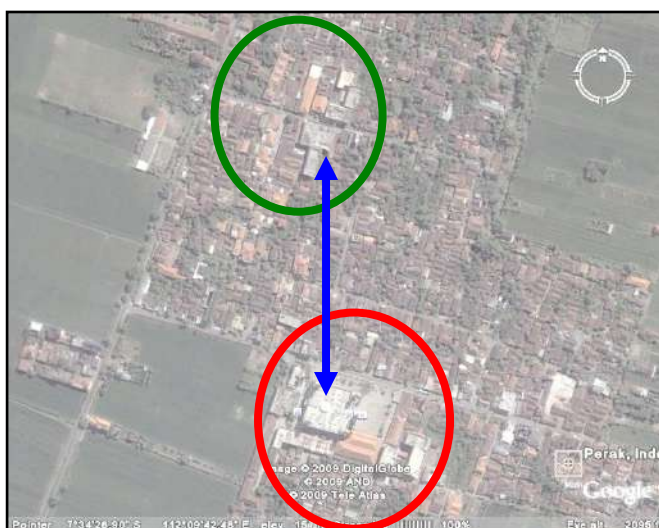
Islamic boarding school Gadingmangu and The Surrounding Settlement

The existence of the interaction between islamic boarding school and the settlement of surrounding area, besides being seen by the everyday activity between the resident of islamic boarding school and the community member, then must be studied physically, that is the connection between the structure and the order of settlement space and the islamic school. By considering the aspect of the quantity of humankind, and the intensity of the activity that was taking place. However if being seen from the aspect of social-cultural-religious, as the characteristics of the history that was developed the Gadingmanguislamic school, then the specific activity was the educational field, and the praying, as being fashioned as follows:

Table 4.2 :
The Interaction pattern of Islamic boarding school& the Settlement

Field	Activity	Room	Subject
Security	Night security	Security posts	The people of islamic boarding school& Localcommunity
Social-Politic	membership	Neighbor meeting room Community meeting room Village office	The people of islamic boarding school& Localcommunity
Social-economic	Business	Market Shops	The people of islamic boarding school& Localcommunity
Education	Learning studying	Budi Utomo kindergarten, primary school, junior high school, senior high school	The people of islamic boarding school& Localcommunity
Healthy	medicine	Clinic Community health center	The people of islamic boarding school& Localcommunity
Social-religious-education	wedding, praying, learning,	Local street, residence, Mosque, School, Islamic boarding school	The people of islamic boarding school& Localcommunity

Source : data & analysis result



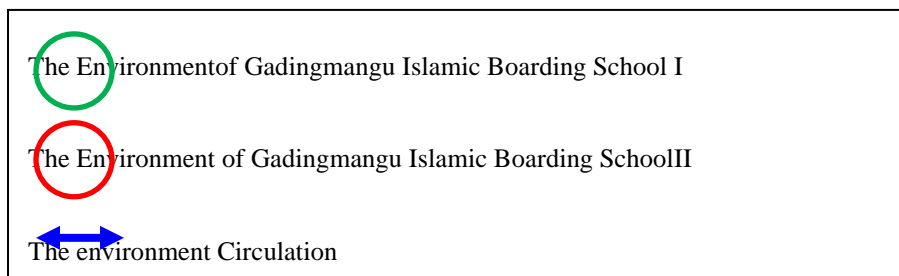


Figure IV-4 :
The environment Gadingmangu Islamic boarding school

V. CONCLUSION

Islamic boarding school is a component of society as well as a center for orientation and monitoring of the surrounding settlements.

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