# THE GATE DESIGN OF AL-BARKAH MOSQUE AS A PUBLIC SIGN SYSTEM

Tita Cardiah<sup>1)</sup>, Hendi Anwar<sup>2)</sup>, Andreas Dwiputro Handoyo <sup>3)</sup> Tsabita Nuraini Utami<sup>4)</sup> Devi Nurhakimah<sup>5)</sup> Faiz Fadhul Wafi<sup>6)</sup>

1) Telkom University)

titacardiah@tekomuniversity.a.id

2) Telkom University

Hendianwar333@gmail.com

3) Telkom University

ashandoyo@telkomuniversity.ac.id

4) Telkom University

faizfadhul@gmail.com

<sup>5)</sup> Telkom University

utamitsabita@gmail.com

6) Telkom University

devihalimah1798@gmail.com

### **ABSTRACT**

Al-Barqah Mosque continues to improve facilities both interior and exterior. the results of surveys, observations and interviews then externally that is needed now is information for the public visually, easily visible and clear information about the existence of the location of the mosque. through the community service program, we from interior design helped to design the Al Barkah mosque gate which functions as a marker of the mosque's existence so that the existence and existence of the mosque is easily visible and clear. With the design of the mosque's gate, it is hoped that it can provide clear information to the public when looking for the position or whereabouts of the Al-Barqah mosque. Public sign system is a form of information that is physically and visually easily visible and very clear. In addition to being a public gate system, the gate is also the identity of the mosque which shows that the existence of the mosque and as a territory in the location of the mosque and its surroundings. The output of this activity is an alternative design of the mosque gate in the form of working drawings, design concepts and budget plans.

Keywords: mosque, gate, public sign system

# INTRODUCTION

The mosque definition (مَسْحِدٌ) with the letter jiim which is given as a special place is provided for the five daily prayers. In language, the word mosque (مَسْحِدٌ) is a place used for prostration. Then the meaning expanded into a special building that was used as people for a gathering place to pray in congregation [almanhaj].

The mosque is a house of worship for Muslims or Muslims. Mosque means a place of prostration, besides being used as a place of worship, the mosque is also the center of life of the Muslim community. Activities celebrating holidays, discussions, religious studies, lectures and learning the Qur'an are often carried out at the mosque. Even in the history of Islam, mosques also play a role in social to social activities. Archway in general as a doorway to enter a mosque, temple,

aristocratic house, palace, village and country. Architecture as a work of architecture reflects the cultural characteristics of the human group of its creation (Umi Kholisya, 2017).

### **DATA DESCRIPTION**

**Profile.** Object data of community service to the partneris Al-Barqah Mosque, Address: Jl. Sekeloa Uatara RT 01 RW 05 District, Bandung, Manager is DKM Al-Barqah and Chairman of DKM is Drs. Asep K Sudrajat

Al-Barqah Mosque as a newly built mosque in 2013 consists of two floors with a total building area of 200m2. The current condition of the Al-Barkah Mosque continues to improve facilities both interior and exterior. Externally, what is needed now is information for the public visually, easily visible and clear information about the location of the mosque. Currently the public is still having trouble finding the mosque's position because the mosque's position is somewhat backward from the side of the road around 3-5 meters and is covered by the height of the buildings which are on the left and right of the mosque.

Current conditions of the Al-Barqah Mosque Externally what is needed now is information for the public visually, easily visible and clear information about the existence of the location of the mosque. Currently the public is still having trouble finding the mosque's position because the mosque's position is somewhat backward from the side of the road around 3-5 meters and is covered by the height of the building next to the mosque. Public sign system is a form of information that is physically and visually easily visible and very clear. In addition to being a public gate system, the gate is also the identity of the mosque which shows that the existence of the mosque and as a territory in the location of the mosque and its surroundings. Semiotics studies sign systems and complex meaning as part of communication between sender and receiver (Thomas Schielke, 2019).

**Partner Issues**. Through the process of visits and interviews that have been carried out, it is known that the manager of the mosque and residents around the mosque, need a marker to increase the existence of the mosque and territory.







Figure 1.Existing conditions outside the mosque Source: Author survey data, 2019

Here are some issues related to the existing condition of the mosque:

- 1. The condition for the public is somewhat difficult to find the position of this mosque because the location of the mosque is at the turn of the road and closed to the building both the left and right side of the mosque
- 2. Requires a public sign system to be more informative.
- 3. The identity or name of the mosque already exists in the front of the mosque but is less informative because the position of the wall is not perpendicular to the net (sloping) so it is difficult for first-time visitors to this mosque.

With the design of the mosque's gate, it is hoped that it can provide clear information to the public when looking for the position or whereabouts of the Al-Barqah mosque. Potential Targeted Community Empowerment, Community service activities are expected to benefit the parties involved, including:

# For academics

- 1) Sharing knowledge / expertise in the field of design.
- 2) Expanding the network of collaboration between study programs-universities.
- 3) Indirectly play an active role in the prosperity of the mosque

# For the surrounding community

- a) Get education to manage the environment and boundaries or territories.
- b) Get help from institutions and sponsors to manage the environment.
- c) Attract more worshipers who will worship at the mosque to worship at the mosque.
- d) Increasing the faith and devotion for the surrounding community.

On the other hand, community service activities are also endeavored to get cooperation assistance with third parties, such as BUMN CSR funds, as well as BUMS who pay attention to activities to develop religious facilities, especially mosques.

**Purpose of Activity.** This community service activity aims to provide solutions to community members in North Sekeloa, especially for religious activities in the mosque, including;

- 1) Increase the comfort of citizens and the community in their daily worship life, so as to increase togetherness, kinship and security
- 2) Increase the optimization and effectiveness of information on the existence of mosques for the general public.
- Creating a residential environment that is environmentally friendly, child-friendly, livable.

# **DISCUSSION AND RESULT**

**Output Solutions and Targets.** To develop the design of the entrance gate and the arrangement of the surrounding space, the application of public space standards, especially the gate / gate that pays attention to the character of the mosque as a worship facility, so that the existence of the gate can create harmony, tolerance, faith, devotion, unity, togetherness, family and security between residents and their environment.

Based on the problems that have been mentioned in chapter one, some solutions that can be offered are:

# 1. The gate Design that becomes the public sign system

The design of the gate will utilize the form and structure in accordance with the available land area.



Figure 3.Gapura Design Concept as a Public Sign System Source: Author , 2019

That way, the entrance gate will be designed in terms of the appearance and use of other Islamic elements, the use of utilizing material adapted to the existing

conditions of the mosque's appearance so that it becomes a unity and elevates religious values. The entrance gate design will also add an adequate lighting system so that the gate can be enjoyed at night. The decoration on a building has a function as a visual reinforcement of buildings, both decorative on the roof or dome, carvings on doors, and on the walls of buildings (Wibowo, R. R. 2017).

# 2. The design of the gate as the entrance and identity of the mosque

The gate has an important function in a building complex, so that the gate also reflects the grandeur of the building it borders on (Umi Kholisya, 2017). Adding the gate as the entrance and identity of the mosque. Before the design, the Al-Barkah mosque had an entrance gate but there was no gate to mark the mosque. Although the signboard is mounted on the wall of the mosque, there are still many who find it difficult to find the mosque. In this community service activity, the design of the mosque gate will be made as the identity of the mosque.

# 3. The concept of designing the gate of the Al-Barkah mosque

The value of Islamic education is the architecture of the mosque building with the application of the concept of Habluminallah and Hablumminannas which includes Uluhiyah, Rububiyah, and Ubudiyah which guide the community to believe in God the Creator, Preserver and Ruler of the universe and its contents (Mukti G. 2016). The concept of the gate design uses thick Islamic concept nuances such as the use of Islamic carvings and the use of the philosophical form of the Qur'an on the roof of the gate. The use of these forms aims to create the identity of a mosque that is religous, holy and regal. In addition, the mosque gate is equipped with a sign with artificial lighting as the identity of the mosque at night or during the day.

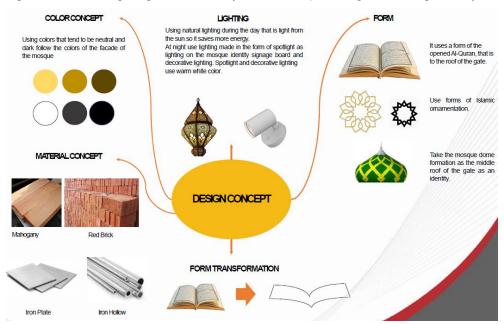


Figure 4. Design Concept as a Public Sign System Source: Author , 2019

The Qur'an is the Muslim holy book and has become the most important part of life. The form of the A-Qur'an symbolizes life's guidelines and sources from all sources of law. The Qur'an also has a sacred and great meaning and the Qur'an must be kept above and take precedence over all matters of the Muslims and the Muslims. In addition, the open book of the Qur'an develops a scientific foundation of Islam that is open to anyone who wants to explore it. The semiotics of architecture has emerged as a branch of semiotics for visual communication and allows the interpretation of the building as a sign and the user as a receiver (Thomas Schielke 2019).

Each of the fundamental shapes has eternal relevance to you individually, as well as to humanity, because each coincides principle with purpose. Being thoughtful about how shapes help to compose visual communication increases the power of your design by providing additional information with minimal effort for the viewer [Maggie Macnab, 2012].

### PERSPEKTIF







Figure 5. Alternative 1, Design Concept as a Public Sign System Source: Author, 2019







Figure 6. Alternative 2 Perspectives on Archway Design as a Public Sign System Source: Author , 2019







Figure 6. Alternative 3 Perspectives on Archway Design as a Public Sign System Source: Author , 2019

# THE RESEARCH METHOD

# **Activity Stages**

The form of implementation in community service in the design of the Al-Barqah mosque gate was carried out in several stages, the series of activities was as follows:

# Location survey and data collection

- 1. The process of this stage is by carrying out field measurements, location photos and conducting interviews with residents regarding the needs associated with designing the gate so that the design can be effective.
- 2. The design / design process with the gate design output that can be built by residents independently or by the implementing contractor.
- 3. After surveying and extracting data, the design process will be carried out by involving citizens in making corrections to the design output process that can be used by residents in self-help development.
- 4. Presentations to citizens about the importance of social facilities and how to care for them so that the facilities that have been provided can be sustainable. The final process is to educate residents in accordance with the design that has been produced so that the facility can be utilized properly both in terms of function or also in terms of maintenance

# **Partner Participation**

The form of partner participation in this case is in the form of providing supporting data in order to create an appropriate design, input in the design process and also in the extension process so that in the future the gate that becomes the entry gate can be useful and the treatment can be done as well as possible.

If the gate design process can be realized, the target partners will also assist in the supply of materials and workforce from the local community for the work on the field. On the other hand, partners are willing to give their place as a place for publication and socialization of gate design.

### CONCLUSION

Based on the final results achieved, the community service program has benefits for the target community which is quite extensive. The existence of the gate at the Al Barkah mosque, can be a sign system for the public about the existence of the mosque, an identity for the mosque and create an atmosphere outside the mosque to be well ordered. This facility can accommodate public needs for information facilities, interactions, to become a gathering point. The response obtained from the presentation to residents, they are very interested in the design of this gate for various community activities going forward. In the next stage, residents expect assistance to realize the results of the gate design and super

#### REFERENCE

Hasso Plattner • Christoph Meinel • Larry Leifer 2015, Design Thinking Research Building Innovators, Springer International Publishing Switzerland

https://almanhaj.or.id/2524-pengertian-masjid.html

Maggie Macnab, 2012, Design by Nature, New Riders 1249 Eighth Street Berkeley,

Mukti G. 2016, Nilai Pendidikan dan Estetika Islam pada Arsitektur Masjid, Jurnal Pendiikan Seni Rupa

Steven V. Szokolay, 2008,Introduction to Architectural Science The Basis of Sustainable Design, Published by Elsevier Ltd

Tunjung Atmadi S P, Anggi Dwi Astuti, Achmad Luthfi, 2018, Konsultasi Desain Renovasi Halaman Dan Gapura Masjid Jami Al-HuDa Di Kemanggisan Jakarta Barat, *Jurnal Abdi Masyarakat (JAM)*, *Volume 3 Nomor 2, Maret 2018*,

Thomas Schielke (2019) The Language of Lighting: Applying Semiotics in the LEUKOS, 15:2-3, 227-248, Evaluation of Lighting Design, DOI: 10.1080/15502724.2018.1518715 link this article: То to https://doi.org/10.1080/15502724.2018.1518715

Umi Kholisya, Siska Maya, Iis Purnengsih, Karakteristik Gapura Di Kecamatan Kebakkramat Kabupaten Karanganyar Jawa Ten, Jurnal Desain , Volume 4 No. 2 Tahun 2017

Wibowo, R. R. (2017). Elemen Fisik Masjid Baiturrahman Banda Aceh sebagai Pembentuk Karakter Visual Bangunan (pp. A139–A144). Ikatan Peneliti Lingkungan Binaan Indonesia. <a href="https://doi.org/10.32315/sem.1.a139">https://doi.org/10.32315/sem.1.a139</a>

William M. Peña Steven A. Parshall, 2001 Problem Seeking An Architectural Programming Primerby HOK Group, Inc. All rights reserved. Published by John Wiley & Sons, Inc., New York.

Woo, Heung Ryong <sup>1</sup>, 2007 A Holistic Experiential Approach To Design Innovation, Department Of Industrial Design, Seoul National University Of Technology Hrwoo@Snut.Ac.Kr.