



# Tongging Hotel Resort With Neo Vernacular Approach

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**Abstract.** Indonesian's nature has a combination of a tropical climate and is the largest and most island nation in the world. Indonesia also has many natural tourism sites that are already well-known abroad. One of them is Lake Toba. Lake Toba is the largest and deepest lake in Southeast Asia. These tourist attractions are also supported by a cultural heritage that is rich with many tribes and customs that spread throughout Indonesia. Resort hotels are one of the supporting facilities in the tourist area. The design of the Tongging resort hotel raises the theme of neo vernacular. The problem posed was "How to design Resort Hotels using the neo-vernacular architectural approach?". Using the neo-vernacular school aims to arouse the culture and customs of the environment. Because we know the Tongging area is a Batak tribe area, which is a very thick tribe with traditions and customs. The resort hotel design Tongging is designed using ornamentation and formations, which are more directed to the Siwaluh Jabu traditional house by using qualitative methods because it is rational and planned precisely with the location of the site. Tongging resort hotel can be a resort hotel that does not leave the local culture and can become an icon in the hope that it can still preserve the existing customs or culture.

**Keyword:** architecture, hotel resort, neo vernacular, tourism

## 1. Introduction

The natural and cultural wealth is an essential component of tourism in Indonesia. Indonesian nature has a combination of tropical climates, and is the largest archipelago country and the largest in the World, Indonesia also has many famous natural attractions in foreign countries such as Mount Rinjani in Lombok which in the vicinity there are many beautiful beaches such as beaches Being in Lombok is no less attractive than the beach which is also famous in foreign countries such as beaches on the island of Bali and also Indonesia has the Lake is very large and most rooted in Southeast Asia, [5] Lake Toba which is the largest and deepest lake in Southeast Asia. These attractions are also supported by a rich cultural heritage with many tribes and customs spread throughout Indonesia. Lake Toba can be regarded as the Largest Lake in Indonesia & Southeast Asia because this Lake Has an Area of 1130 Kilometers square. According to information from geologists that the crater of Lake Toba formed due to the

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volcanic eruption of a supervolcanic type that occurred about 74,000 years ago. Even the outbreak considered very powerfully when compared with other volcanic eruptions, believed the explosion reached thousands of times the flare on a regular volcano. The impact was also affected by the climate around the world at that time. In Lake Toba, there is much tourism that some of them are very famous in foreign countries such as Samosir Island where the island is located right in the middle of Lake Toba and also tourist attractions like waterfall Sipiso - Piso, the beautiful hill of Simarjarunjung, Batu Gantung, and so on. Tongging Village is a village located in the area of Brand, Karo Regency, about 40 Km from the city of Brastagi, which is also a favorite tourist destination. In this village, there is the longest Waterfall in Indonesia is Sipiso-Piso Waterfall, and even in this village, there are many plants and hills that are very beautiful. Tongging is famous for its farm. There are many fields and fish farms. The most popular fish species are tilapia and goldfish. Most of the people who live in the vicinity of the Tongging process fish that they can for the needs of the day, although not infrequently they also make Keramba for fish farms that will be sold in their restaurants or to the market. Tourism can develop somewhere basically because the place has an attraction, which can encourage tourists to come to visit it. Tongging village has a lot of potential and appeals for a tourist destination, but there are no facilities such as decent lodging and also supporting facilities that can satisfy the desires of the tourists.

## **2. Literature Review**

### Location and Site

Project Location Tongging Hotel Resort located in Tongging. Tongging village situated in the southern part of Karo district. Karo Regency is one of the regencies located in North Sumatra Province, Indonesia. The district capital located in Kabanjahe. Tongging village area consists of many hills and directly adjacent to Lake Toba.

### Theme Review

The theme raised in the design of this Resort Hotel is "Neo Vernacular Architecture." Neo-Vernacular architecture is an understanding of the flow of Post-Modern Architecture was born as a response and criticism of modernism that prioritizes the value of rationalism and functionalism that is influenced by the development of industrial technology. The Neo-Vernacular architecture is an architecture whose concept considers normative, cosmological, local culture in community life and harmony between buildings, nature, and the environment [4].

### Comparative Study

Bahia Resort Hotel, Bahia Resort Hotel is located in the heart of Mission Bay, Eight miles from Downtown San Diego and San Diego International Airport at Lindbergh Field, two blocks from the Pacific and at Mission Bay. San Diego's traditional destination, Bahia Resort Hotel, is

located on a 14-hectare Peninsula surrounded by the stunning waters of Mission Bay, steps from the Pacific, minutes from SeaWorld, and a short drive to major San Diego attractions and more. At the Bahia Hotel, each room offers an elegant design with scenic waterfront views, Atahu garden views. Each office is designed with a terrace or balcony to enjoy the Mission beach view. In Studio type rooms there is a fully equipped kitchen, in addition to standard amenities, The San Diego hotel room is also equipped with coffee, ironing facilities, ironing board and hairdryer (Figure 1) [1].



**Figure 1.** Bahia Resort Hotel, San Diego, California

Kuala Lumpur International Airport (KLIA), located in Kuala Lumpur, Malaysia, was designed by Dr. Kisho Kurokawa. The airport with a capacity of 25 million people in the development plan will make a lane between Kuala Lumpur with the city center. On this land of 10,000 ha. Kisho Kurokawa designed this airport with Malaysian national identity blending style with high-tech facilities that can reflect modern Malaysia. The airport became a symbol of Malaysia's national pride and grew an impressive first impression when passengers arrived in Malaysia. Kuala Lumpur International Airport is a neo-vernacular building that has a reasonably vernacular concept, the use of a curved roof formation and material reflects a very thick Malaysian nuance of Islam but with a touch of modern equipment becomes very modern but leaves neo Vernacular elements. The use of materials by the concept of vernacular that can be applied to the building that will be designed, the modern Resort Hotel but not leave the vernacular Batak elements (Figure 2) [3].



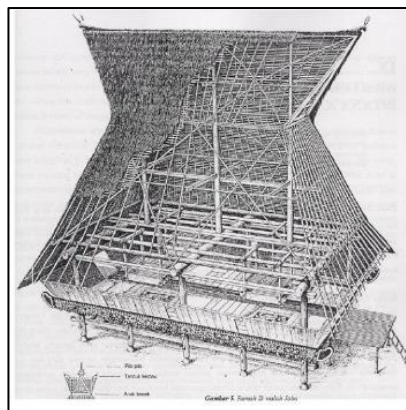
**Figure 2.** Kuala Lumpur International Airport

### 3. Methodology

Site selection method, Site selection is made by considering the location of the specified place, easy access, ambiance, congestion level, and the achievement of the existing function and site location in the tourist development site. Method of solving the problem of design, there is two methods of drawing in architecture that is a traditional method called a black box and a systematic way called a glass box method. The technique used in designing Tongging Hotel Resort is a glass box method is a rational method where each stage and process can trace, which means that every operation is planned carefully and under the phases of an architectural design process.

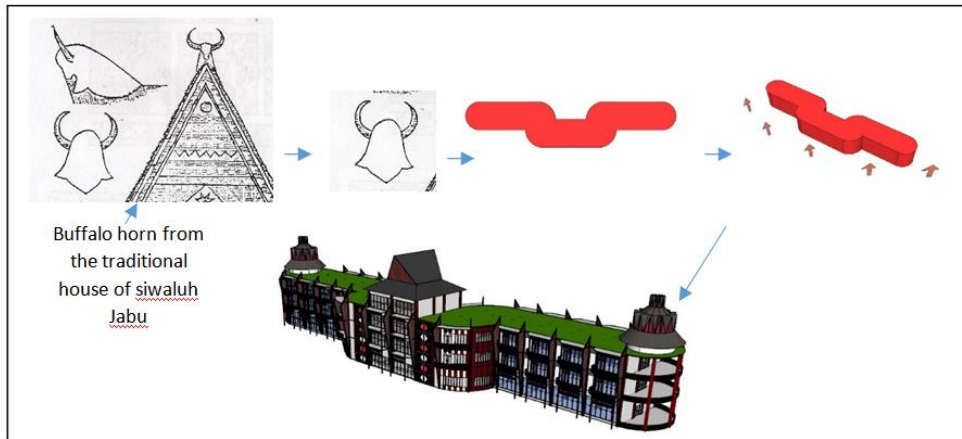
### 4. Result and Discussion

The basic concept is designing Tongging Hotel Resort formed through the theme of Neo Vernacular Architecture, which incorporates the traditional architecture of Batak Karo house in design with the addition of modern forms in the construction of Tongging Hotel Resort building. The formations taken from the typical home of Karo are as follows. A composition of Architecture Building according to the theme is by using the customary house Karo traditional house "The selection of materials, facades will disclose Siwaluh Jabu" application, and the roof of a conventional house "Siwaluh Jabu" is. Because of the neo vernacular theme, this building will also use new formations such as the use of materials - materials of concrete, glass, and others. The implementation of the idea done by simplifying and modernizing the traditional house building "Siwaluh Jabu" and the use of the philosophy of the formations that exist in the house there is (Figure 3).



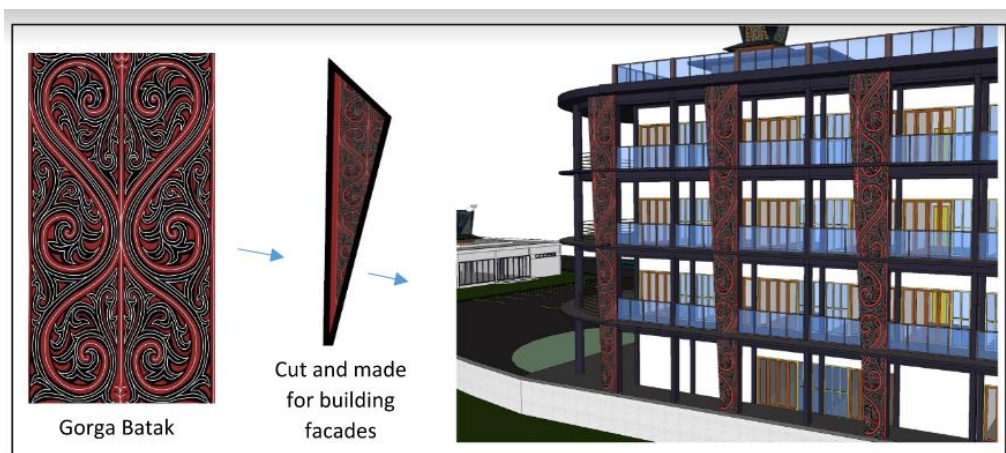
**Figure 3.** Custom house Siwaluh Jabu

The establishment of the Hotel, the establishment of the main building, is the hotel, from above shaped like buffalo horn [2] where the buffalo ornament symbolizes the power and guardian of the evil attacks from evil spirits (Figure 4).



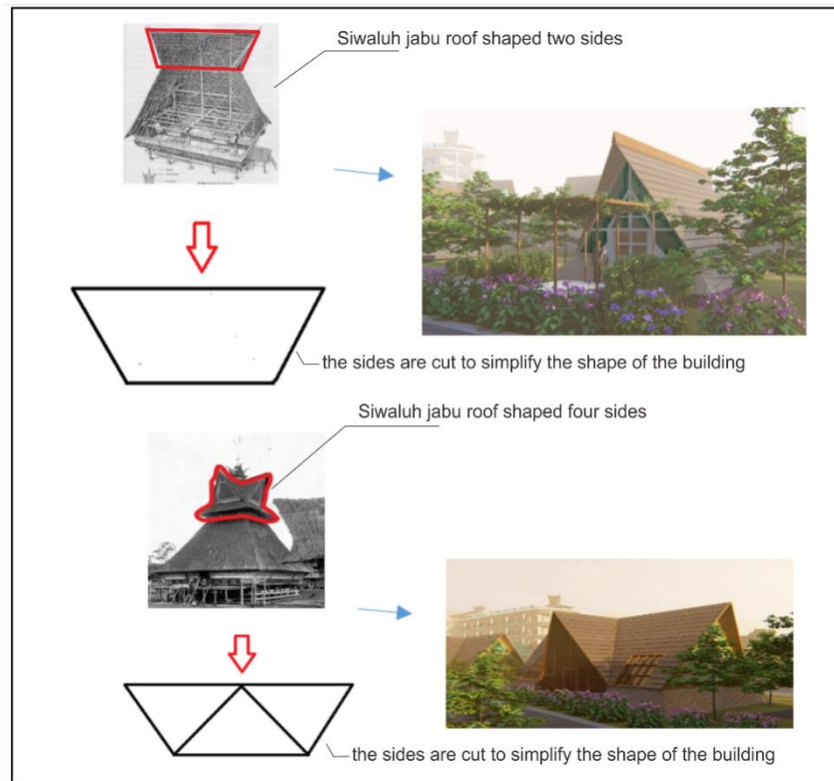
**Figure 4.** Application of the form on the main building (Hotel)

The first facade of creations, i.e., shaped Gorga Batak. Material made of wood carved Ungil and shaped like the silhouette of a traditional house of Karo. Then put every column that is outside the building (Figure 5).



**Figure 5.** The concept of the facade on the main building (Hotel).

Build on Resort cottages, and Villa is taken from the silhouette of traditional house Siwaluh Jabu four sides and two sides of which form like the picture below (Figure 6).



**Figure 6.** Application of the form on Resort and Villa.

## 5. Conclusion

Tongging Hotel Resort is one of the supporting facilities on the outskirts of Lake Toba, Tongging hotel resort is a 4-star hotel with neo vernacular theme, facade and hotel formation taken from original Karo house that is "Siwaluh Jabu" with Gorga Batak and ornament Boraspati, Boraspati form gecko that exists in adat Batak. His philosophy is Boraspati laid in the building to protect property and expect bias doubled. The structure used in Tongging Hotel Resort is the rigid frame structure.

## Acknowledgment

The Journal Neo Vernacular Application on Tongging Hotel Resort was created to provide solutions, concepts, and responses to building a Resort Hotel in Tongging, Karo District, North Sumatra.

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