

**CONCERT VENUE DESIGN WITH CONTEMPORARY ARCHITECTURE
APPROACH****Bagus Hilmi Habibi Burnama¹, Dwira Nirfalini Aulia²**

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bagushilmi24@gmail.com**Abstract (English)**

Concert venue design with a contemporary architecture approach meets the growing demand for functional and visually striking spaces for live music. This approach leverages design freedom to create iconic structures with advanced acoustics, efficient circulation, and adaptable layouts. Incorporating modern materials like aluminum composite panels and tensile membrane roofs ensures durability and weather protection. By integrating sustainable practices and technological innovations, these venues fulfill the needs of performers and audiences while enriching cultural and urban identities, highlighting the potential of contemporary architecture to create dynamic, multifunctional spaces for artistic and community engagement.

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Architecture Approach**1. INTRODUCTION**

Music has now become one of the entertainment needs that cannot be obtained separately from daily activities and music can be enjoyed by all levels of society, regardless of time and place to enjoy it. Music can be enjoyed in various ways, such as listening to the radio, tape, computer, TV, to enjoying it directly by watching music performances in public spaces.[1] Indonesia has many music lovers who are enthusiastic about various genres of music and often enjoy the experience of watching live concerts. In modern times like today, many concerts are found in every city. One of them is pop/indie music, this happens a lot among young people. [2]Therefore, it is necessary to have an adequate concert venue to accommodate these needs, which not only offers comfortable facilities but also supports the audience's experience in enjoying music performances with optimal sound and visual quality.

A concert venue is a location or building specifically designed to hold musical performances or concerts. This place is usually equipped with facilities that support good acoustics, a stage, an audience area, and appropriate lighting and sound technology to create an optimal musical experience.[3] Along with the development of technology and increasingly diverse music trends, the need for concert venues that can accommodate various types of events and performances is also increasing. Therefore, the role of architecture and design in creating innovative and functional concert venues is very important. In Indonesia, with the number of music lovers continuing to grow, quality concert venues are needed to support the growth of the music industry while providing an unforgettable experience for every visitor.

In his book "Contemporary Architecture" in 2000, Konneman stated that contemporary architecture has the main characteristic as a building style that gives architects a wide freedom of expression in the design process. This allows architects to produce buildings with unique and impressive characteristics, thus creating a distinctive identity for each structure. By integrating unique ideas into the design, contemporary architecture is able to present a contrasting and stunning atmosphere in the midst of its surroundings. So that the designed building can become an iconic building because the concept of contemporary architecture has its own characteristics and characteristics.[4] Contemporary Architecture is often understood as modern architecture that has innovative, creative, diverse, flexible and have contrast with surrounding environment design characteristics, and has the freedom to express itself so that when applied to the case study of the Concert Venue building with the theoretical approach, it

can create an iconic recreation area, which aims to attract the attention of the public to visit the place.[5]

2. METHOD

The design process involves several systematic approaches. Initially, a field study is conducted to assess the site's physical characteristics, surroundings, and potential boundaries. Then analyze the buildings around the site related to the needs of the concert venue, site and environment approach, and the last is to conduct a literature study related to the concert venue and the theories that support the design. The data that has been collected are divided into primary and secondary data. Primary data consist of local regulations, site data, and original state of the site. Secondary data is the studies that have been conducted that contains comparative studies of building with similar themes and functions.

3. RESULT AND DISCUSSION

The title of this project “Concert Hall Design with Contemporary Architecture Approach”. This project is an effort to provide a place where all ages can enjoy a concert, which not only offers comfortable facilities but also supports the audience's experience in enjoying music performances with optimal sound and visual quality. This location was chosen based on consideration of the things that Concert Venue needs.

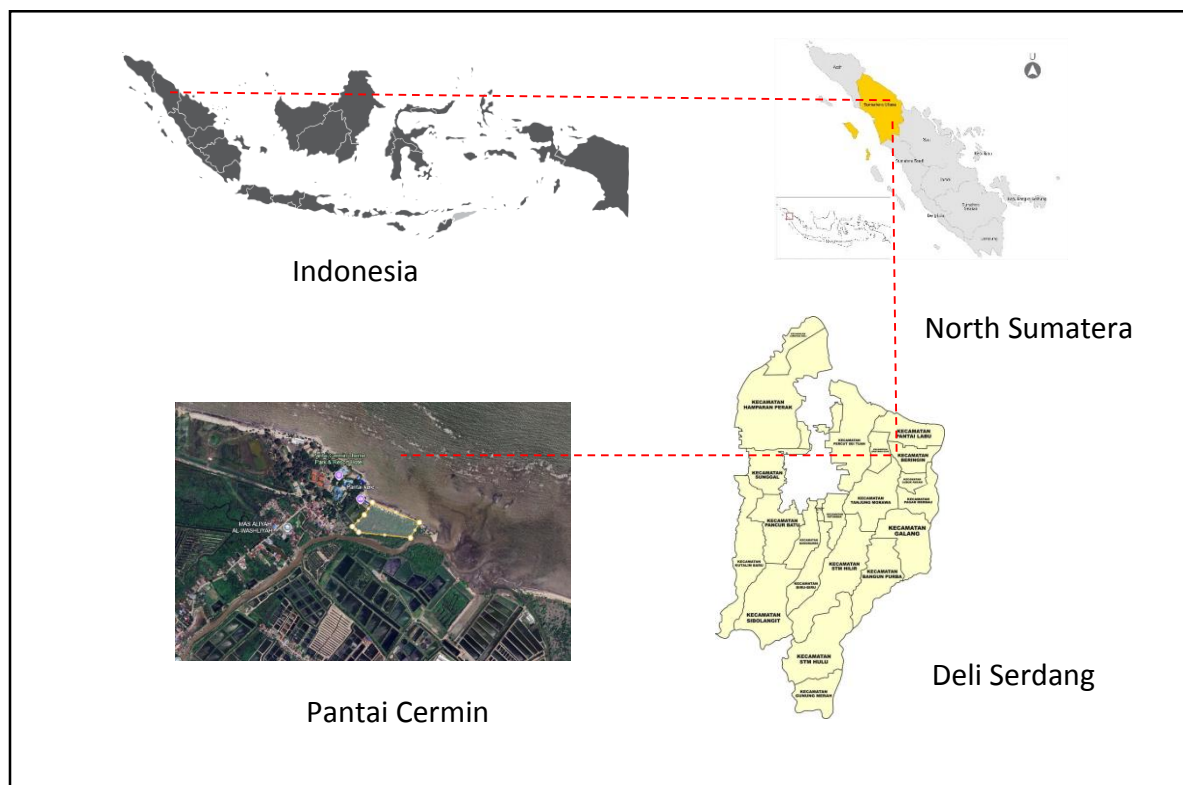
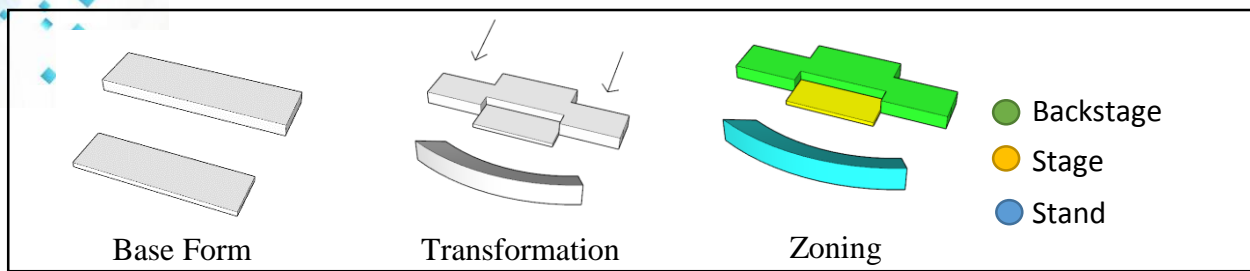
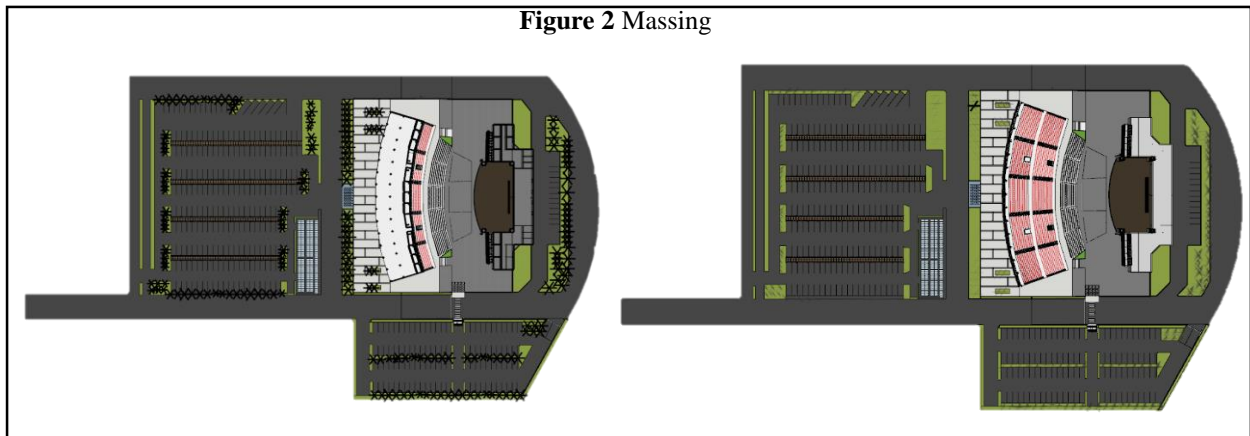


Figure 1 Project Location

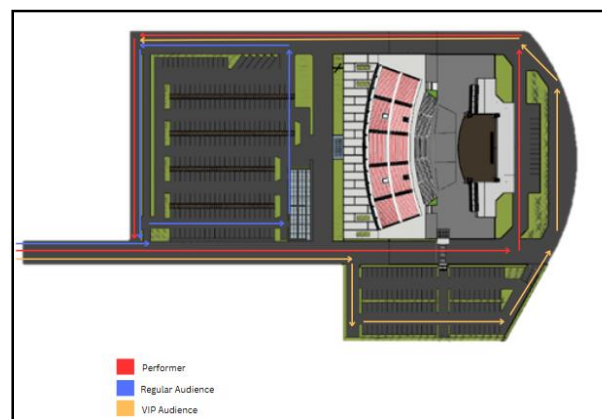
3.1 Massing

The basic form of this building was originally a form of Rectangle that was shaped by the main function of the building which is Stage, Backstage and The Audience Area. The form of a building is basically formed from the main function that the building wants to achieve. This main function will determine how the spaces in the building are organized, how the circulation flow is created, and how other design elements are selected to support the activities that will take place in it.

**Figure 2** Massing**Figure 3** Groundplan and 2nd Floor Plan

The first floor is where all the activity in building is on, the activity for audience such as watching the concert, buy some snacks and other things. For the performers they come and preparing in the backstage and performing in front of the crowd in the stage. The second floor is for the audience stands to watch the concert from above.

3.2 Circulation

**Figure 4** Circulation

For the circulation itself there are three lanes to enter the building and exit the building, The red line mark is for the Performer circulation, the performer enter the building and then get straight into the backstage and exit from the side of the building. The blue line mark is for the regular audience, they enter the site and go left to the regular parking and exit from the site of the building. And then the yellow line mark is for the VIP audience, when they enter the building they go straight and go right to go to the VIP parking.

3.3 Building Exterior

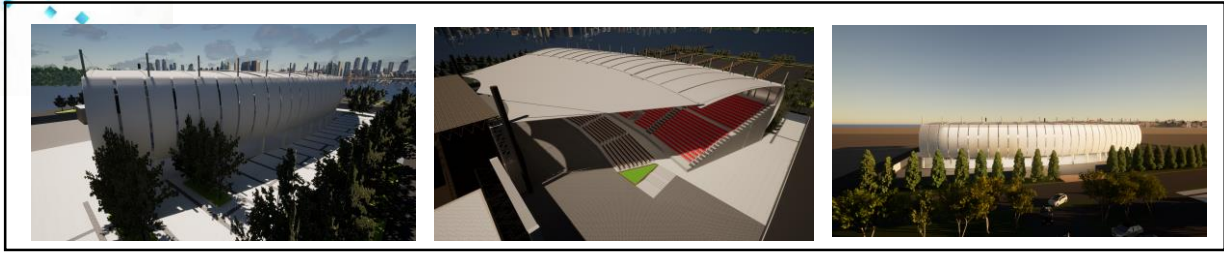


Figure 5 Exterior

The outdoor concept is of this project taken by the contemporary architecture approach. Where the building is showing the unique form that contrast with the surrounding. For the façade is using Aluminium Composite Panel (ACP) that can bend to form the unique shape of the building. The roof is taken from the contemporary theme too which is using an advance technology for the structure. Membrane roof with tensile structure which is very common nowadays. The roof is made for prevent the audience from the weather like heat and rain in Deli Serdang.

3.4 Building Interior



Figure 6 Interior

For the audience section itself it has three part, first is the VIP section that is in front of the stage. The audience will standing in front of the stage while watching the concert from close. And there is the First Class seat in the middle, the audience is watching from the middle of the stadium and there is the audience stand in the back where the audience can enjoy the concert from above. Underneath the grand stand there are stands that sells snacks for the concert which audience can buy before they go inside the grand stand, and toilet is also available underneath the grand stand.

4. CONCLUSION

Concert venue design with a contemporary architecture approach focuses on fulfilling the functional, experiential, and operational needs of a modern concert venue. By combining innovative design principles, advanced technology, and sustainable practices, these venues provide an optimal environment for performances while catering to the diverse needs of artists, audiences, and operators. Bold and iconic architectural expressions attract visitors, enhancing the venue's cultural significance and identity.

5. ACKNOWLEDGEMENT

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6. CONFLICT OF INTEREST

The authors whose names are listed below certify that the manuscript does not have a conflict of interest.

Bagus Hilmi Habibi Burnama

This statement is signed by all the authors to indicate agreement that the above information is true and correct (a photocopy of this form may be used if there are more than 10 authors):

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Date

December 2024

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