

Transformation of Surabaya Scout Headquarters Toward a Modern Image

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ABSTRACT

The Surabaya Branch Scout Council Headquarters serves as the center for administration, training, character development, and scouting activities at the city level. However, the existing facility faces several challenges, including limited space capacity, lack of spatial flexibility, ineffective circulation, and a building image that no longer reflects the needs of contemporary scouting activities. This study aims to analyze the redesign needs of the Surabaya Scout Headquarters and develop a design concept that supports functional optimization while strengthening the identity of the Scout Movement. The research employs a qualitative descriptive method through site observation, documentation, literature review, and comparative studies. The findings indicate the need for increased spatial capacity, flexible multifunctional spaces, improved zoning and circulation systems, and a stronger architectural identity. Based on these findings, the concept of "Future Scout New Image" is proposed through the application of the Coconut Shoot Metaphor Architecture approach. The redesign is expected to create a modern, representative, adaptive, and recognizable Scout Headquarters that supports the development of future generations.

Keywords: *Redesign, Scout Headquarters, Metaphorical Architecture, Coconut Shoot, Modern Image*

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INTRODUCTION

Education is one of the non-formal education systems that plays an important role in developing character, leadership, discipline, responsibility, and social skills among young people. In Indonesia, scouting education is organized through the Scout Movement as regulated by Law Number 12 of 2010 concerning the Scout Movement. The implementation of scouting activities is expected to produce a generation that is independent, responsible, cooperative, and capable of adapting to social and technological changes (Republic of Indonesia, 2010).

As one of the largest metropolitan cities in Indonesia, Surabaya has a significant number of Scout members and a high intensity of scouting activities. These activities include leadership training, organizational meetings, workshops, seminars, youth development programs, and community service activities. Most of these activities are coordinated

through the Surabaya Branch Scout Council Headquarters, which functions as the administrative and training center for scouting activities at the city level (Kwartir Nasional Gerakan Pramuka, 2018).

The existing Surabaya Scout Headquarters currently accommodates administrative, educational, and organizational functions. However, observations indicate that several aspects of the facility no longer adequately support current activity demands. The existing building has limited space capacity, insufficient flexibility for various activities, ineffective circulation patterns, and a building image that does not fully represent the identity of contemporary scouting organizations. These conditions affect the effectiveness of space utilization and the overall quality of user experience within the facility.

Previous studies have highlighted the importance of flexible spaces, integrated functions, and strong architectural identities in educational and community buildings. Ching (2015) emphasizes that architectural design should respond to functional requirements while creating meaningful spatial experiences. Meanwhile, Kronenburg (2007) explains that flexibility in architecture enables buildings to adapt to changing activities and user needs over time. However, studies specifically addressing the redesign of scouting facilities through an architectural identity approach remain limited.

To address these issues, this research proposes the redesign of the Surabaya Scout Headquarters through the concept of "Future Scout New Image." The concept aims to transform the image of scouting facilities into a more modern, adaptive, and representative environment while maintaining the fundamental values of scouting education. The design approach adopts Metaphorical Architecture using the Coconut Shoot (Tunas Kelapa), which is the official symbol of the Scout Movement and represents growth, resilience, adaptability, and continuous development (Jencks, 1977).

This study aims to analyze the redesign needs of the Surabaya Scout Headquarters and formulate an architectural concept that optimizes building functions, improves spatial quality, strengthens organizational identity, and supports future scouting activities. The findings are expected to contribute to the development of educational and youth community facilities that are responsive to contemporary needs while preserving their institutional values and identity.

METHOD

Data Collection Procedure

Data were collected through several techniques:

Figure 1. Site Location of Surabaya Scout Headquarters



Source: Author's Analysis (2026) based on Google Maps.

1. Field Observation

Direct observations were conducted to identify the physical condition of the building, site characteristics, circulation patterns, existing facilities, and user activities.

2. Documentation

Documentation included photographs, site maps, satellite imagery, and records of existing building conditions to support the analysis process.

3. Literature Review

Literature studies were conducted using books, journals, regulations, and references related to architectural design, flexible spaces, scouting facilities, and metaphorical architecture.

4. Comparative Studies

Comparative studies were carried out on several scouting and youth community facilities to identify design strategies, spatial organization, and facility requirements relevant to the proposed redesign.

Data Analysis

The collected data were analyzed using descriptive analysis techniques. The analysis consisted of:

1. Site Analysis, including accessibility, orientation, circulation, noise, and environmental conditions.
2. Activity Analysis, identifying user groups, activity patterns, and intensity of space utilization.

3. Space Requirement Analysis, determining the types, capacities, and relationships of spaces required to support scouting activities.
4. Form and Identity Analysis, examining the values and visual identity of the Scout Movement as the basis for architectural design.
5. Design Concept Analysis, translating the concept of “Future Scout New Image” through the Coconut Shoot Metaphor Architecture approach into spatial organization, mass transformation, and building appearance.

The results of these analyses were used as the basis for developing the redesign concept of the Surabaya Scout Headquarters to create a modern, adaptive, flexible, and representative facility for future scouting activities.

FINDING AND DISCUSSION

RESEARCH RESULT

The findings reveal that the existing Surabaya Scout Headquarters is no longer able to effectively accommodate the increasing complexity, intensity, and diversity of scouting activities. The facility currently serves as the primary center for administrative functions, leadership training, character development programs, meetings, workshops, and community events. However, field observations and site analyses identified several deficiencies, including limited spatial capacity, inadequate flexibility of existing rooms, inefficient circulation patterns, and insufficient connections between functional zones. Furthermore, the current architectural character lacks a distinctive identity that reflects the values, vision, and contemporary image of the Scout Movement. These shortcomings affect operational efficiency, user experience, and the overall performance of the facility. Consequently, a redesign strategy is needed to optimize spatial organization, improve functional adaptability, strengthen architectural identity, and create a more modern and representative environment for future scouting activities.

Existing Site Condition Analysis

The site is located in Jambangan District, Surabaya, with a total area of approximately 3,851 m². The location was selected due to its strategic position within the southern part of Surabaya and its accessibility from various parts of the city. The site is surrounded by residential areas, educational facilities, and public infrastructure, making it easily accessible for scout members, administrators, and visitors. Its proximity to the Surabaya–Gempol Toll Road further enhances regional connectivity and supports the mobility of users during large-scale scouting events. The surrounding environment remains relatively green and conducive, providing a suitable setting for educational, training, and character-building activities. Moreover, the site offers sufficient opportunities for future development and spatial reorganization, allowing the proposed redesign to accommodate increasing activity demands while integrating indoor and outdoor scouting functions in a more effective and flexible manner.

Figure 2. Existing Front and Rear Buildings of the Surabaya Branch Scout Council Headquarters



Source: Author's Analysis (2026) Based on Field Documentation.

Site Potential and Constraints

Table 1 presents the main potentials and constraints identified within the site.

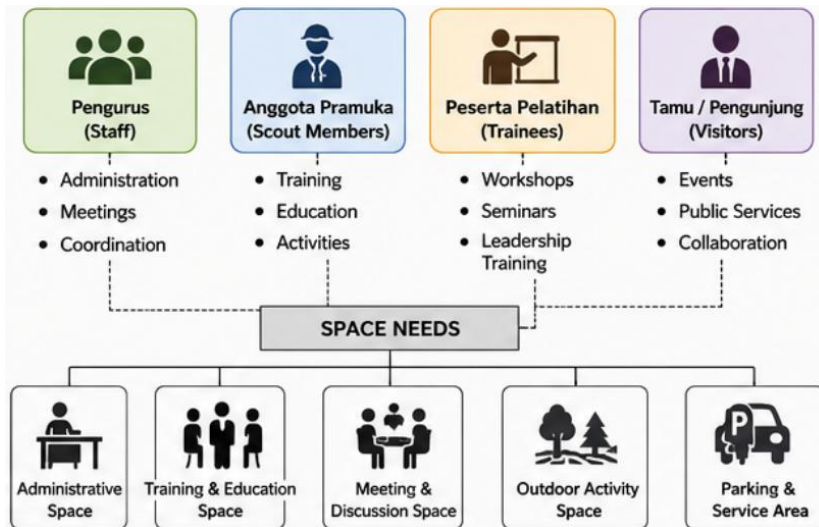
POTENTIALS	CONSTRAINTS
 Strategic location in the center of Surabaya	 Traffic noise from surrounding roads
 Good accessibility from main roads and public transport	 Limited parking capacity
 Large open field potential for outdoor activities	 Inefficient circulation pattern
 Close to educational facilities and residential areas	 Building identity not prominent and outdated
 The site has future development potential	 Existing facilities no longer fully support current activities

Source: Author's Analysis (2026)

Activity and Space Requirement Analysis

The analysis shows that the headquarters accommodates various activities, including administration, leadership development, training programs, meetings, seminars, workshops, and community events. Therefore, larger and more flexible spaces are required to support simultaneous activities.

Figure 3. User Activity Analysis Diagram



Source: Author's Analysis (2026).

Spatial Requirement Analysis

The proposed redesign identifies four primary functional zones:

Table 2 Spatial Requirement Analysis

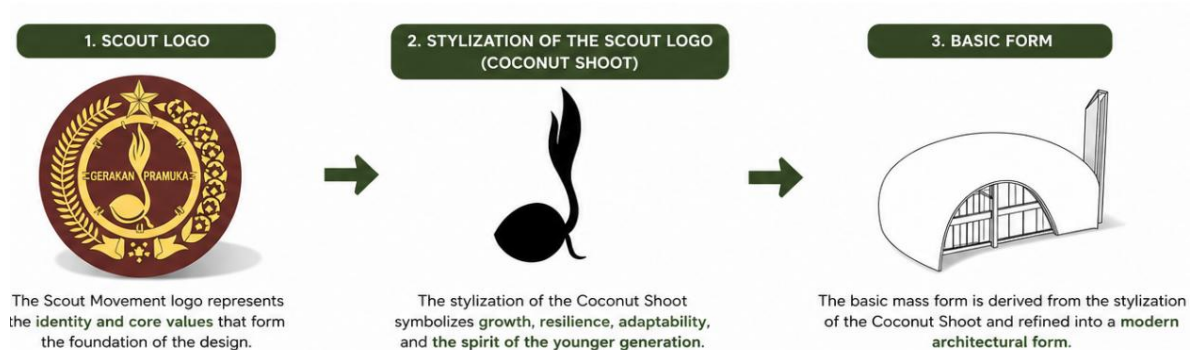
FLOOR	FUNCTION	MAIN SPACES
4	Leadership Development & Community Activities	Multipurpose Hall, Community Room, Prayer Room, Rooftop Garden, Storage
3	Administrative Functions	Head Office, Secretary Room, Finance Room, Meeting Room, Archives, Staff Room
2	Training & Educational Activities	Classrooms, Training Room, Library, Multimedia Room, Discussion Room, Pantry
1	Public & Service Areas	Lobby, Reception, Exhibition Area, Store, Cafeteria, Restroom, Parking Area

Source: Author's Analysis (2026).

Form and Identity Analysis

The Scout Movement logo, represented by the Coconut Shoot (Tunas Kelapa), was identified as the primary source of architectural inspiration. The symbol reflects growth, resilience, adaptability, and leadership, which align with the values promoted by scouting activities.

Figure 4. Scout Logo and Coconut Shoot Transformation

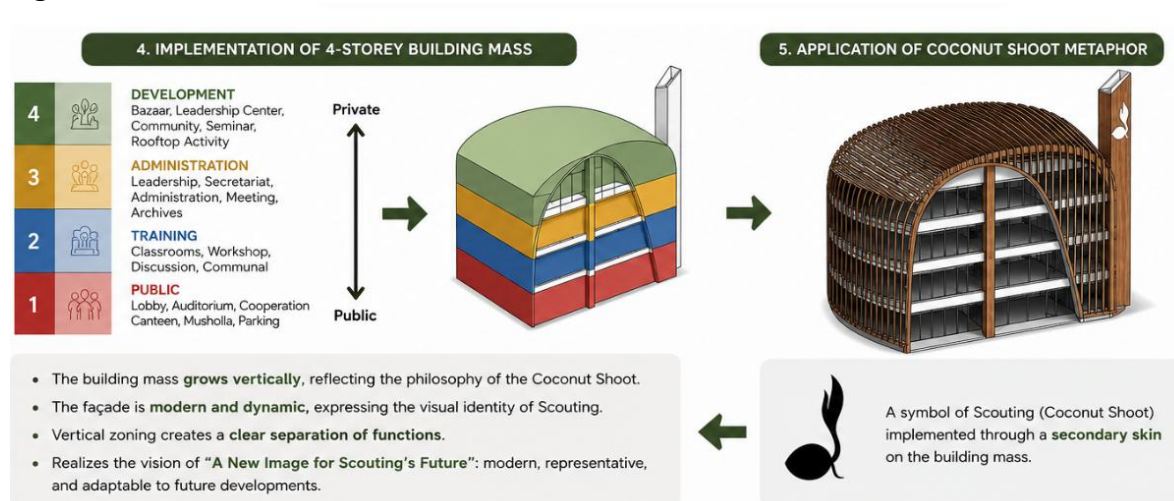


Source: Author's Analysis (2026).

Design Concept Analysis

The concept of "**Future Scout New Image**" is translated through the Coconut Shoot Metaphor Architecture approach. The building mass is developed vertically into a four-story structure representing continuous growth and development. The façade incorporates a dynamic secondary skin inspired by the form of coconut leaves to strengthen the visual identity of the Scout Movement.

Figure 5. Mass Transformation Process



Source: Author's Analysis (2026).

DISCUSSION

The findings indicate that the existing Surabaya Scout Headquarters is no longer able to optimally accommodate the increasing intensity and diversity of scouting activities. Several limitations were identified, including insufficient space capacity, lack of spatial flexibility, ineffective circulation systems, and weak integration between buildings and outdoor activity areas.

The site analysis revealed that the headquarters occupies a strategic location in Jambangan District, Surabaya, with good accessibility and proximity to residential and public facilities. These conditions provide significant potential for redevelopment and expansion of scouting activities. However, the current spatial arrangement does not fully support simultaneous activities, resulting in inefficiencies in space utilization.

The activity and space requirement analyses show the need for a more structured zoning system that clearly separates public, training, administrative, and development functions. This finding is consistent with Ching (2015), who emphasizes that architectural spaces should be organized according to user activities and circulation efficiency. Flexible and multifunctional spaces are also required to accommodate seminars, workshops, leadership training, community gatherings, and large-scale scouting events.

The application of the Coconut Shoot Metaphor Architecture approach provides a design strategy that strengthens the visual identity of the Scout Movement. The coconut shoot symbol represents growth, resilience, adaptability, and the spirit of youth development, which align with the values of scouting education. The transformation process from the Scout logo into architectural form creates a distinctive and recognizable building identity while maintaining functional requirements.

Despite the comprehensive analysis, this study has several limitations. The research focuses primarily on qualitative observations and architectural analysis without conducting detailed quantitative evaluations of building performance. Future studies may include environmental simulations, structural assessments, and post-occupancy evaluations to strengthen the design proposal.

The implications of this study suggest that the redesign of the Surabaya Scout Headquarters should prioritize spatial flexibility, functional integration, efficient circulation systems, and strong architectural identity. These aspects are expected to support the development of a modern, adaptive, and representative scouting facility capable of accommodating future organizational growth and youth development activities.

CONCLUSION

Based on the results of the study, the existing Surabaya Scout Headquarters still functions as the center of administration, training, character development, and scouting activities at the city level. However, several issues were identified, including limited space capacity, lack of flexibility, inadequate integration between facilities, and inefficient circulation and parking arrangements.

The analyses demonstrate the necessity of redesigning the headquarters to accommodate increasing activity demands and future organizational development. The

proposed redesign emphasizes the provision of flexible multifunctional spaces, clear vertical zoning, improved circulation systems, and stronger connections between indoor and outdoor activity areas.

Furthermore, the application of the “Future Scout New Image” concept through the Coconut Shoot Metaphor Architecture approach successfully translates the values of growth, resilience, adaptability, and youth development into architectural form. The transformation of the Scout identity into building mass, façade elements, and spatial organization creates a modern and representative image of the Scout Movement.

Therefore, the redesign of the Surabaya Scout Headquarters is expected to become a more functional, adaptive, and iconic facility that supports scouting activities while reflecting the identity and future vision of the Scout Movement in Surabaya.

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