

LA House; An Elderly Friendly Dwelling through Material & Tactile-Based Zoning Strategy



General Info

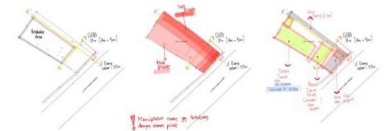
Location: Cikarang, Kabupaten Bekasi, Jawa Barat, Indonesia
Area : 180 m²
Year : 2024 (completed)

This house was built for its primary occupant, an elderly person, and serves as a gathering place for large families almost every weekend. As a result, the focus is on making the house elderly-friendly while providing flexible spaces for family gatherings and for the young people to respect the occupants' privacy. To achieve this, the house was designed with three main strategies: first, zoning based on materials and colors; second, the flexibility and expansibility of space; and third, a tactile approach to materials throughout the house. As a result, the zoning and material-tactile strategies create two main masses of the house, composed of various materials and textures. These strategies create a house that is able to create an elderly-friendly home for its inhabitants, enabling them to live comfortably and enhance their quality of life in the future.

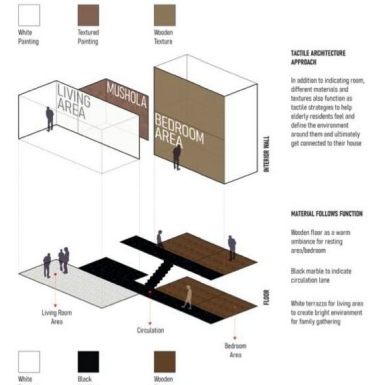
Research Process and Methodology



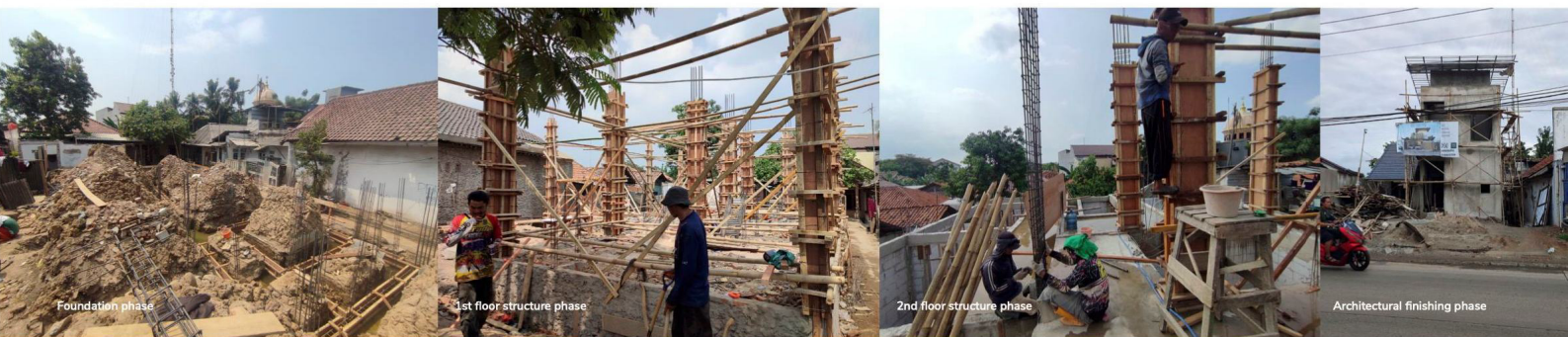
Initial Sketch Design Process



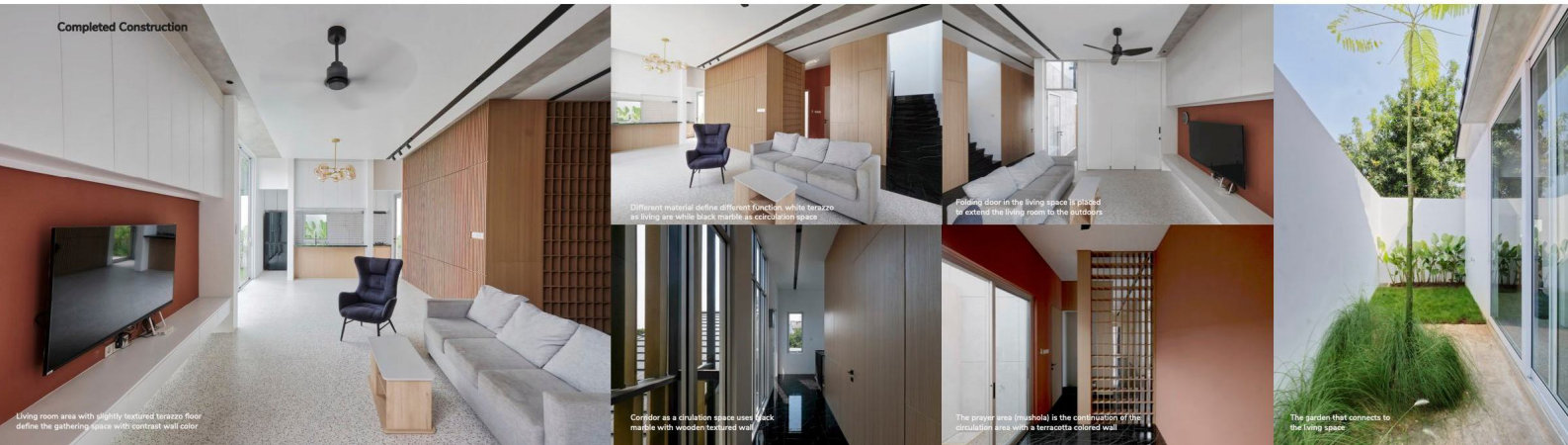
Tactile and Material-Based Zoning



Construction Process



Completed Construction



An Elderly Friendly Dwelling through Material & Tactile-Based Zoning Strategy

Ar. Cipta Hadi, S.T., M.Ars.

This house was built for its primary occupant, an elderly person, and serves as a gathering place for large families almost every weekend. As a result, the focus is on making the house elderly-friendly while providing flexible spaces for family gatherings or guests, all while preserving the occupants' privacy. To achieve this, the house is designed with three main strategies: first, zoning based on materials and colors; second, the flexibility and expansibility of space; and third, a tactile approach to materials throughout the house. As a result, the zoning and material tactile strategies create two main masses of the house, composed of various materials and textures. These three design strategies are intended to create an elderly-friendly home for its inhabitants, enabling them to live comfortably and enhance their quality of life in the future.

Sustainable Development Goal(s) Relevancy

Goal 3: Good Health and Well-being

Goal 10: Reduced Inequalities

Goal 11: Sustainable Cities and Communities

References

FakhrHosseini, S. (2022). Some principles for designing age-friendly homes. Cambridge. The MIT AgeLab.

<https://agelab.mit.edu/blog/some-principles-designing-age-friendlyhomes>

Author

Ar. Cipta Hadi, S.T., M.Ars.

Author Role

Academic Staff

Author Affiliation

Universitas Multimedia Nusantara

Country

Indonesia

ORCID Number

0009-0001-8648-1946

Short Biography

Cipta Hadi, originally from Pontianak, West Kalimantan, started his career as a junior architect in 2016 at Andyrahman Architect in Sidoarjo. After leaving this role, he pursued a master's degree in Urban Design at FTUI from 2019 to 2021. In 2019, he co-founded Awanama, an architectural studio, with two partners. His primary focus in every project is the well-being of users, alongside environmental and social impacts. Cipta has actively participated in design competitions throughout his studies in architecture, winning two first prizes and placing in the top five of several competitions. As an urbanist, he is particularly interested in housing, settlements, public spaces, and informal urbanism. To share his ideas more broadly, Cipta also teaches in the Architecture program at Multimedia Nusantara University.

Title

An Elderly Friendly Dwelling through Material & Tactile-Based Zoning Strategy

Production Process Years

2023-2024

Publication Year

2024

Publication Details

IAI Kalimantan Barat (Indonesian Architect Association - West Borneo Chapter)

Location : Port 99 Immersive Artspace, Jl. Komodor Yos Sudarso, Sungai Jawi Luar, Kec. Pontianak Bar., Kota Pontianak, Kalimantan Barat 78244

Date : August 29th 2025 – September 28th 2025

Architizer

Location : <https://architizer.com/projects/la-house-3/>

Date : May, 7th 2025

Publication Media

Exhibition; poster

Recognition

<https://architizer.com/projects/la-house-3/>

Grants

-

Additional

I want to express my gratitude to Arbin Sidik and Khilda Elzim Khosyati from the Awanama team for their support during the research and design process of this project, as well as to Nuh Muhammad Alkindy from Evosystem for his role in the construction process, which turned the house design into a reality.