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METHOD OF WALL CONSTRUCTION

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ABSTRACT

A wall is a structural feature that divides or encloses a space and, in building construction, forms the room or structure's perimeter. This report will examine the method of wall construction that are used at Ampangan, Negeri Sembilan, for one unit of Julia Juliana's one-story bungalow. The goal of this report is to identify the steps in the wall building process, from planning the layout through completing the plastering work. The second goal of this report is to discuss the issues that arise during the construction of a wall and the solutions that have been devised. In addition, the third and final goal of this report is to describe the machinery and tools that were used.

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CHAPTER 1.0

INTRODUCTION

1.1 Background of Study

Walls are built in a variety of shapes and materials to suit a variety of purposes. Exterior walls shield the interior of a structure from external environmental factors such as heat and cold, sunshine, UV radiation, rain and snow, and sound, while still containing ideal internal environmental conditions. Walls are also constructed to offer fire resistance for a set length of time, such as a one-hour wall. Walls frequently have doors and windows that allow for the regulated flow of environmental elements and humans through the wall line (Farlex, 2002).

Furthermore, a load-bearing wall is one of the most frequent types of walls used in house building. A load-bearing wall is an active structural feature of a structure that carries vertical load in addition to its own weight. Load-bearing walls generally separate internal building areas and carry loads from other elements of the structure to the foundations (Deisgned Buildings, 2021). Moreover, concrete, blockwork, and/or brick are widely used to create load-bearing walls. The load-bearing wall's thickness is determined by the kind of building, the number of levels that require support, the materials used to create the wall, and any other imposed loads. However, the aim of this is to discover the process of wall construction in a single storey bungalow house in Malaysia.

1.2 Objective of Wall Construction

The objectives are as follows: