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BRICKWALL CONSTRUCTION FOR FENCE

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ABSTRACT

A building's walls are one of the most significant structural parts. A wall has numerous purposes in the performance of a home, and these purposes must be properly understood in order to design an appropriate and pleasant structure that also provides privacy and security. This report will discuss about bricklaying work for fence of the building. This report was conducted for The Construction of Double Storey Bungalow House at No.53, Lorong Meringin 2, Taman Bukit Meringin, 43000, Kajang, Selangor that owned by En. Abu Bakar. The objective of this report is to analyze the construction of fence and the way how it carried out. It will focus on the whole process of bricklaying wall construction. It also investigates the equipment and machinery in the methods of brick wall construction and to determine the time that have been used for the construction. This report will also look to at the problem and the solution in wall construction that would fulfill the criteria of brick wall.

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CHAPTER 1.0

INTRODUCTION

1.1 Background of Study

A brick wall is a vertical element of construction that is made of bricks and mortar and is used to form the external walls of buildings, parapets, internal partitions, freestanding walls, retaining walls and so on. (Brick wall, 2022)

This research also discussed the difficulties and their solutions. Despite this, the study does not focus on the quantity of people or labors, expenses, or length issues. Observation, interview, and document reviews are the three approaches that must be used in order to complete the data. Finally, any further explanations pertaining to the preceding procedure were provided as follows. (Brick wall, 2022)

In plan shape, brick walls can be straight, curved, zig-zag, and so on, with thicknesses ranging from 102.5 mm to 500 mm. Brick walls can also be slanted, although this normally necessitates some type of support, such as steelwork or a concrete base. (Brick wall, 2022)

Brick walls (also known as brickwork) are commonly used for homes as the exterior component of cavity wall construction, where they are connected to an inner masonry leaf, which can be brick but is more commonly blockwork. Insulation is frequently used in the cavity to limit heat transmission through the wall. (Brick wall, 2022)

A brick wall usually requires a foundation which can be either a concrete strip or a traditional 'footing'. In the latter, the base of the brickwork is stepped out either side, usually by a third of a brick width at a time, for three or four courses in order to increase the width and so spread the load over a wider area. (Brick wall, 2022)