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**THE CONSTRUCTION OF FENCE USING IBS 3D WALL
PANEL**

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ABSTRACT

In construction, the main material always use to build a building is a brick. The conventional construction method such as brick and timber is always use in construction. In a modern life, Industrialized Building System or IBS has be made to change the uses of brick in the construction. There are many types of IBS in different method to install. With the IBS technology, the construction can be easily to build something. In the progress of technology in construction, people need to improve their skill to challenge in this technology. The objective of this report is to know the method of install the IBS and the advantages and disadvantages of IBS. It will focus the method of install 3D wall panel for fence. The observations, interview session and document reviews are used for references and gain the knowledge to finish this report

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CHAPTER 1.0

INTRODUCTION

1.1 Background and Scope of Study

Building can be defined as a structure broadly consisting of walls, floor and roof, erected to provide covered space for different uses such as residence, education, business, manufacturing, storage or hospitalization. Construction is the techniques and industry involved in the assembly and erection of structures, primarily those used to provide shelter.

The history of construction was began from the period of Primitive human were they use a cave as shelter to protect them from cold, rain, heat and wild animal. Human shelters were at first very simple and perhaps lasted only a few days or months because the building materials that time were perishable, such as leaves, branches, and animal hides. Later, more durable natural materials such as clay, stone, and timber and, finally, synthetic materials such as brick, concrete, metals, and plastics were used.

In construction, fence is the element where structure that encloses an area, typically outdoors, and is usually constructed from posts that are connected by boards, wire, rails or netting.

The main function fence has been build at house because to give privacy and safety around the house. But sometimes the fences has build for other reason such as to keep security in that area . For example facilities with open high-voltage equipment need fence for safety to people around that.

The types of fence is concrete fence, wood fence, chain-link wire fence and aluminum fence. However, AZ Mega Plus Group has use Industrialised Building System with type 3D Panel Wall in construction of fence.