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**THE CONSTRUCTION METHOD FOR STAIRCASE AND
FLOOR SLAB**

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ABSTRACT

Slab is an important element in a building including the stairs as well. The importance of slab is the space between the slab and the ceiling can be used to place the utilities of the building and the upper slab can also be used as a ceiling for the floor below. Meanwhile, the purpose of the stairs is to provide an easy access to move from one level to another. Therefore, this report will explained about the construction method of slab and stairs as it is very important when it comes to ensuring the health and safety of a building site. The objective of this report is to identify the purpose of staircase and floor slab in building. To study the construction method for staircase and floor slab and to determine the problems and solutions due to the construction of slab and staircase.

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CHAPTER 1.0

INTRODUCTION

1.1 Background of Study

Slab is an important structural element which made of concrete to create horizontal and useful surfaces such as ceilings, floors and roofs. Generally slab is several inches thick and commonly supported by columns, beams, walls or the ground. There are many types of slab which are flat slab, conventional slab, hollow core ribbed slab, waffle slab, solid slab and composite slab.

Basically stairs mean to climb. Therefore, stairs can be used as a component of the way out of a building. In addition, stairs can also be used as a facility to access other floors, roofs and walking surfaces that are not accessible in other ways. There are various types of stair designs available nowadays for contemporary home projects or modern residential commercial institutions as there are ancient to modern designs depending on the suitability of the occupants of the house.

1.2 Objectives

Objectives of this report:

- i) To identify the purpose of staircase and floor slab in building.
- ii) To study the construction method for staircase and floor slab.
- iii) To determine the problems and solutions due to the construction of slab and staircase.