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A STUDY ON PRECAST CONCRETE JOINTING SYSTEMS FOR
RESIDENTIAL BUILDING IN KLANG VALLEY

This dissertation is prepared as to fulfill part of the requirements
for honoring of Bachelor (Hons) Building Surveying

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CHAPTER ONE

INTRODUCTION

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ABSTRACT

The application of prefabricated building systems in Malaysia is an interesting phenomenon. Various prefabricated building systems originating from Europe and Japan are used in achieving the targeted number of dwellings to accommodate the increase in the housing needs.

Nowadays, these systems with their own unique production, erection and jointing methods, give rise to a wealth of information's on the various systems as have been applied in the whole world.

Also, with the various systems that are applied without much effort towards adaptation to Malaysia's condition, a major question arises as to the degree of suitability and effectiveness of each and every system.

Problems such as leakage, that surface due to the application of these systems without proper consideration of Malaysia's climate and culture, brought about rethinking on the merits of these systems in particular, and of prefabrication in general.

As a curious student, the researcher explores the jointing system of prefabrication especially to precast concrete structure, which has never been explored. Hopefully with this effort to study the secret of Jointing System in prefabrication technology will give us more knowledge and information on the suitability of jointing system.