

<b>Thesis Title</b>	An Opinion Towards Industrial Housing System Project
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### **ABSTRACT**

This thesis aimed at studying the feasibility of industrial housing .It studied the information of economy, techniques, finance, and utility concerning of industrial housing system from such population as land development companies and housing construction companies. The information was given by project managers, project assistant managers, architectures 84 and, engineers as 84 total and sampling living in the project areas. The study was survey reserch. It was analyzed, evaluated and proposed as an architectural work form in order to develop the models of industrial housing system.

The findings of this studied was the economy of today creates the problem of introducing industrial housing system into the project area compared with the last 3 or 4 years. This was due to the increase of production raw material and labor cost. So the construction of industrial system of full range has not spreaded widely. But in the future the suitable housing system is the semi-readymade industrial housing one. As for the consumers, the findings reveals that their response to industrial housing system increases because they believed that this system provided them with the houses as strong as the ones made of brick coated with cement. So it was estimated that the consumers tends to accept this system as their new alternative more and more in the future.

As for the suitable technique of industrial housing system, Column & Beam is the suitable one. This technique are designed in accord with the nervous system limited by emphasizing the use of materials in the market, the easy transportation and the installation without using very heavy machines. The important advantages of industrial housing system was that the system reduces the time of construction, the cost of production, labor and interest. Moreover the quality was higher and many units of the houses could be constructed at the same time. So its most economical characteristic was the main factor that made the entrepreneurs decided to do this business. And should be the one the government promote.

As for the consumer in the project areas. From the studying of the sizes of single houses of two stories high of 21 different housing villages the 120 - 140 square meters of three beds and two toilets. So the areas mentioned was divided according to this studied into public zone, private zone and service zone. These zones were linked by the traffic core or the circulation core. They were designed for the consumer's convenience. In addition, they provided the possibility of supplementary construction in the future according to the necessity for use consumer.