



**DEPARTMENT OF BUILDING SURVEYING**  
**FACULTY OF ARCHITECTURE, PLANNING AND SURVEYING**  
**UNIVERSITI TEKNOLOGI MARA**

***“CONSTRUCTION WORKS FOR PILING SYSTEM AT INFANT JESUS CONVENT  
SCHOOL”***

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**DECLARATION**

“I declare that this project report entitled ‘PILING SYSTEM AT INFANT JESUS CONVENT SCHOOL’ is the result of my own research except as cited in the references. This practical training report is fulfilment of the practical training course”

Signature : .....

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Date : 17 SEP 2013.....

## **PREFACE**

Firstly, a very grateful to our god, Allah SWT for giving the quality of being strong to made this Practical Training Report. These researches gain me knowledge about the piling system that has been used at Infant Jesus Convent School. Thus, I would like to thank Mdm Zuraihana Ahmad Zawawi; as the supervising lecturer, kindly gave her approval to the preparation of this report and make some valuable suggestion to make the report looks more professional. Do not forget also to my parents; Majid bin Ahmad and Zalilah bte Abu Bakar for giving moral support and spirit to undergo this four months of training. Also deepest gratitude is spoken to Practical Training Coordinator; En Mohd Nurfaizal Bin Baharuddin. Besides that, a special thanks for Dynareka Sdn. Bhd.'s head director; Mr Aday Zamry Ahmad Bajari for giving their permission to made the research. To all which helps and his name no 1 state may Allah S.W.T able to return all your service and sacrifice. I hope this report will be considerable use to practicing building surveying student may find of interest within its pages.

## **ABSTRACT**

Overall, this report is about deep foundation used at Infant Jesus Convent School to build new block of building consisting on 3 storey canteen and office. The foundation is in category of deep foundation because it use piling for the foundation. The space provided by the school is not wide enough to support three storey building at the site.

The project was started from early of January this year (2013) and being targeted to finish the piling works by the end of 2013. Infant Jesus Convent School was placed at the middle of city. And the site provided was located between school buildings. Hydraulic Piling is chosen for the method of piling. Even though this method is high in cost, but the method is not produce noise pollution. The method takes more time than the other piling method, but it works efficiently and environment-friendly.

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