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INSTALLATION OF PRECAST CONCRETE WALL	(PERAK) INSTALLATION OF PRECAST CONCRETE WALL
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STUDENT'S DECLARATION

I hereby declare that this report is my own work, except for extract and summaries for which the original references stated herein, prepared during a practical training session that I underwent at Pembinaan NKZ Sdn. Bhd. for duration of 20 weeks starting from 1 March 2021 and ended on 16 July 2021. It is submitted as one of the prerequisite requirements of BGN310 and accepted as a partial fulfillment of the requirements for obtaining the Diploma in Building.

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ABSTRACT

Generally, precast concrete is one of the practice in our construction industry. As precast concrete has been manufactured in the factory, it is only needed to be installed at the site. However, there are few procedures that have to be conducted at the site to install these precast concrete. Thus, one of the main objective highlighted in this report is to study on the methods in installing the precast concrete and to identify the problems that might occur during the installation process. Therefore, solutions would be suggested to mitigate the issues that arise. In order to achieve the objectives, site visit has been done in Kelantan to indicate the real situation at site regarding the precast installation. Basically, this project involves the process of upgrading two new blocks at Sekolah Menengah Kebangsaan Hamzah, Machang where it fully implemented precast construction. From observation, the types of construction involved at this site is the installation of IBS wall panel, slabs, beams, columns and staircases. Installation involves the usage of machinery which is crane. In addition, inspection was also being done during the final process of the installation to ensure that it is installed correctly. Furthermore, some of the conflicts that arise during the installation of these precast concrete had also been identified and suitable measures have been suggested to help in mitigating those issues. Overall, the objectives of this study have been achieved accordingly.

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