

LAPURAN PROJEK TAHUN AKHIR
KURSUS DIPLOMA LANJUTAN KEJURUTERAAN AWAM
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DIMENSIONAL COORDINATION
IN THE CONSTRUCTION INDUSTRY -
THE NEED OF IT IN MALAYSIA.

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SYNOPSIS

This project makes a short study on the introduction of Dimensional Coordination in the construction industry in Malaysia. It explains the overall concept of Dimensional Coordination, the involvement of designers, manufacturers and contractors for the implementation of Dimensional Coordination is briefly stressed.

Detailed study is carried out on probable work sizes of clay bricks, concrete blocks, doors of different types, windows, glazed tiles, tiles for flooring, roof claddings, etc., based on modular sizes. The suggestion made could be readily applied for production by the manufacturers so that components could be easily available for quick and cheaper designs and easy replacements.

A chapter of joints is devoted in order to stress the problem of joints in the selection of modular components.

This study concludes with the advantage gained by the application of Dimensional Coordination in the construction industry.

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