



DIPLOMA CIVIL ENGINEERING

**CIVIL ENGINEERING DESIGN PROJECT
ECS 356**

PREPARED BY

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PREPARED TO

ENCIK JOHAN BIN MOHAMED IBRAHIM



COMPANY INFORMATION

Company name : kusikapas SDN. BHD.

Date established : 30 November 2004

No. company : 673487

Registered address : NO, 4959-A, Tingkat 1, KM1/2, Jalan
Pengkalan Chepa, 15400 Kota Bharu,
Kelantan.

Business address : PT 3317 Tingkat Atas, Taman Sri Kota Pasir
Pekan, 16250 Wakaf Bharu, Kelantan

No. Tel / No. Fax office : 09-7185640 / 41, 09-7185642

Bank officer : CIMB BANK BERHAD (Jalan Maju Kota
Bharu).

Company secretary : KB TAX Consultants & Management
Services, NO. 4959-A, Tingkat 1 KM ½, Jln
Pengkalan Chepa,
15400 Kota Bharu Kelantan.

Auditors : JALIL & CO. CHARTERED
ACCOUNTANT,

NO. 83, Tingkat 1, Jalan Sultan Ismail,

20200 Kuala Terengganu, Terengganu

Established on 30 November 2004, Kusikapas Sdn. Bhd. is a dynamic company and with superior skills and experience in the field of consultant.

With the indigenous class companies, Kusikapas Sdn. Bhd do not miss the chance of success of the government's mission in realizing the indigenous group to be more competitive and to achieve Vision 2020.

To further enhance the efficiency and performance of the company's workmanship, absorption into management professionals kusikapas Sdn. Bhd. has to be realized with a very good. Futhermore, the quality of work and services highlighted by our sub-contractors has been overwhelming and we are happy to be able to realize your dream home successfully.

NATURE OF THE BUSINESS

Kota Harmoni Square was a housing project and the construction of new city suburbs at the Tanah Merah. Position is very strategic site near the Kelantan River covering 22 hectares (54.362ekar) .Agricultural construction which is not too isolated and basic amenities were available as primary and secondary school.

To create a more residential area, we have allocated substantial capital for this project in line with the current development of a project.

INTRODUCTION

In the first week we have identified the differences between architectural plan and structural plan with support from my lecturer. We also draw the structural plan and type of slab for all floors include ground floor, first floor and roof floor. For a joint with critical beam we must calculate using formula to know the one way or two way slab. Second and third week we get information to find self weight of slab, finisher slab, brick wall, plaster brick wall. From the value, we can get g_k and q_k to find design load value using formula. Then we had sketch beam and calculate using moment distribution method to get the BMD and SFD.