



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

**PRACTICAL REPORT (BSB351)
CASE STUDY:
CONSTRUCTION WASTE MANAGEMENT,
LAMAN PKNS
(GREEN BUILDING)**

**NURSHAHAFIQAH BINTI ASLI
2011833334
AAP1196C
DIPLOMA IN BUILDING SURVEYING
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CHAPTER 1: OVERVIEW OF PRACTICAL TRAINING

1.1 COMPANY PROFILE

Selangor State Development Corporation or Perbadanan Kemajuan Negeri Selangor (PKNS) was founded on 1st August 1964 under the Selangor State Development Corporation Enactment, 1964, as a corporate body and an agency for development at state level by distributing and spurring socio-economic growth in Selangor as a means of promoting stability, harmony and social justice towards achieving the vision of the country. This optimism is realized through the development of new growth centres, housing, industrial, businesses and investments. The management team members of PKNS are:

Y.Bhg. Tuan Azlan Bin Alfiah
General Manager

Puan Hajah Noraida Binti Haji Mohd Yusof
A.M.S, P.P.T
Deputy General Manager
Administration and Development

Tuan Ir. Abdul Ghani Bin Hashim
S.M.S, A.M.S, P.P.T
Deputy General Manager Technical

Yang Berbahagia Datin Paduka Norazlina Binti Zakaria
D.S.I.S, A.I.S
Deputy General Manager Corporate Affairs

Puan Norzila Binti Sidek
A.I.S, P.P.T
Business Development Senior Manager

Tuan Ir. Izharuddin Bin Abd Rahman
S.I.S, P.P.T
Project Management Senior Manager



CHAPTER 2: LITERATURE REVIEW

2.1 INTRODUCTION OF GREEN BUILDING INDEX (GBI)

The energy consumption in Malaysia has been increasing with its economic growth and development since 1990. Currently almost half of the energy consumption in the country is in the industrial, residential and commercial sectors. The commercial and residential buildings in Malaysia account for about 13% of total energy consumption and 48% of the country's electricity consumption. Hence there is a strong need to apply energy efficient strategies in lowering the building's energy consumption. Over the last three years, Malaysia has experienced a concerted shift towards the development of energy efficient and environmentally sustainable buildings. The demand continues to rise as environmental awareness grows and more companies embrace the practice of corporate social responsibility. Other drivers are governmental support in the form of fiscal incentives and the growing evidence of green building benefits.

The Green Building Index (GBI) is Malaysia's industry recognised green rating tool for buildings to promote sustainability in the built environment. It also raises the awareness among parties involved either in construction or not such as the Developers, Architects, Engineers, Planners, Designers, Contractors and the Public concerning the environmental issues.



CHAPTER 3: CASE STUDY

3.1 INTRODUCTION TO SELECTED CONSTRUCTION SITE



Proposed 4th to 8th Floor Development Complex with 1 Level of Parking with Sub-basement:

- Block A – 8th Floor office space show together in ground level, Auditorium and foyer at level 2, banquet hall, foyer on level 4 and mosque at level 7.
- Block B – 8th Floor office space together with commercial space in land ground level.
- Block C – 6th Floor office space together with commercial space in ground level.