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Development of Underground Land in Malaysia: The Need for Master Plan of Urban Underground Land Development

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Abstract

Underground land development often takes place in the urban area where the cities are becoming increasingly overcrowded. The developer will face the challenge of how development is to be carried out in term of its land use, zoning, and also density, regarding the absent of the planning framework. The objective of the study is to explore the needs and the importance of planning framework in developing underground land. It is utmost important for Malaysia to be ready with the master plan for underground land development because the identification of the elements for the planning framework will drive to the sustainability of the development.

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1. Introduction

The pattern of land development nowadays is not limited as the horizontal development but also has been widely going vertical development in underground. Utilization of underground land use often takes place in an urban area of

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