

A Study on the Adaptation of the Malaysian Cadastral Survey Framework for Underground Utility Detection Survey

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SUMMARY

The Malaysian Cadastral system has matured over the years. Starting from the manual process, the system is now fully digital with an ever-updated cadastral lots database. What contributed to this efficient system is the proven Malaysian Cadastral Survey Framework which was developed in 1974. The Malaysian Cadastral Survey Framework has matured and has benefitted the land owners, the Department of Survey and Mapping Malaysia and the Licensed Land Surveyors. Prior to 1974, the Malaysian Cadastral scene was faced with the same issues faced by the Underground Utility Detection Survey now. This paper shall study the experience of the Malaysian Cadastral Survey Framework and adapt it to the legal means of developing the Underground Utility Detection Survey Framework. A working group was established to achieve this goal. The output is a proposed Underground Utility Detection Survey Framework and a modified flow chart was issued to Ministries and Government Departments in September 2021. This paper will also discuss the issues faced in implementing the framework which is

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mainly

related to the enabling clause and legal issues pertaining to Underground Utility Detection

Survey. The authors conclude that the anticipated way forward to the implementation of the

Underground Utility Detection Survey Framework is the gazettelement of the amended Licensed

Land Surveyors Act which is due to be tabled in the Malaysian Parliament.

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