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FLOOD CONTROL MAINTENANCE IN BASEMENT CAR
PARKS AT CITY CENTRE

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ABSTRACT

In area of city centre of Kuala Lumpur there are problems of flood happens on basement car park recently. Generally it caused of flash flood faced during the heavy raining day. Consequence of that, many building owners facing risk the problems of loss of property and lives. A flooded basement not only can damage the building's structure but it also can cause losses to the car owners.

The weakness of application of flood prevention system in basement car parks and guideline such as Standard of Procedure faced problems arise of a flood in basement.

The aim and objectives of this study is to understand flood control and maintenance in basement car park in city centre of Kuala Lumpur by study the causes of flood occurred, identify flood control management system and maintenance on basement, then investigate the causes of flood occur and last but not least is by improve the way to control flood and how to maintain drainage system on basement car park.

Hence, the imply method to achieve the study is focus to the flood control and maintenance management in three (3) basement car park in high rise building will be concentrated focused on the maintenance facilities and maintenance management in handling basement flash flood control and also the information gathered for the case studies is by informal interview and questionnaire is based on the feedback from organizations selected.

Therefore, there is a way to control flooding in basement by applying the right drainage system management. The multi-storied underground parking lots need to improvised the flood prevention system in the basement car parks not only by repairing the damage caused by the flood but must starts over from the design, management system and consideration of the procedure should be taken.

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