



**DEPARTMENT OF BUILDING SURVEYING  
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**PROPOSED PREVENTIVE MAINTENANCE FOR ROOFING  
CASE STUDY: KOMPLEKS ISLAM KUALA SELANGOR**

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DECLARATION:

I hereby admit that this report is the result of my own efforts, except for the certain parts that are attached from sources that specified in reference chapter.

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## **ABSTRACT**

Preventive maintenance is one of scope of building surveyor and main core of a building surveying. For a new building that requires maintenance, we need to identify the element and material used in the building in order to identify the period of maintenance. Maintenance is needed especially new building in order to decrease the defects that can reduce the building lifespan and can harm the occupants.

For my case study, I choose Kompleks Islam Kuala Selangor. The building was constructed at 26<sup>th</sup> of March 2013 and estimated finished at the construction 22<sup>nd</sup> of September 2014 making the construction are delayed due to some problems that arise. The problems are dragging the dateline and the client (JAIS) charged the main contractor with fine. The fine is paid RM1000 per day. Finally the construction is done around February and the handing over are held at Kompleks Islam itself at 1<sup>st</sup> of March 2016.

The roof used in Kompleks Islam Kuala Selangor is pitched roof, flat roof and dome. During my inspection the roof; flat roof has the worst condition as it has many problems before the building was occupied.

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