

# DESIGNING A LIBRARY

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## ABSTRACT

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A library is basically a building consist of various sections or rooms with different uses. For example, reading room, utility room and etc.

In this report I will explain the procedure taken to design to design a library. The step by step design begins with slab design, beam design, column design and lastly the foundation design.

In each of the design, the formula used an example of calculation is being stated down to give a better illustration on how the design done. These are the most important part of designing in a real civil work.

The architecture plan and R.C plan in this project will provided further information about the arrangement of beams and column. The R.C plan design is very important because a good design can save a lot of work and time. Thus saving the cost of construction if the structure is to be constructed.

The entire project seems to be complicated but if all the procedure have been done step by step, this project can be done successfully.