

**THE APPLICABILITY OF PASSIVE ARCHITECTURE TO THE DESIGN OF  
BUILDINGS AT BROWN UNIVERSITY**

**A  
THESIS  
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ABSTRACT

I have considered the suitability of passive climate control systems for current and future building projects at Brown University. I am especially interested in the potential for passive conditioning in the new dormitory complex proposal, which is now late in the design stage.

The first section of this inquiry is a basic investigation of passive architecture, and how it can best be thought about in the design of large urban buildings. Of course, these are the type of structures Brown intends to build, and it seems there are significant environmental, economic, architectural and educational benefits to be obtained in making use of passive for buildings of this kind.

The second section involves a consideration of the design process at Brown, with emphasis on the development of the dormitory project. I am interested in knowing what the priorities and goals of those groups responsible for the design of buildings at Brown are. Finally, I have thought about ways in which those responsible for new Brown buildings can be made to consider the advantages of energy-conscious, or passive, design.

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