

Design, build and test a passive thermal system for a loft

A roof solar application for South African weather conditions

by

Lauren Margaret Beviss-Challinor

Assignment presented in partial fulfilment of the requirements for the degree of Master of Mechanical Engineering in the Faculty of Engineering at Stellenbosch University

Department of Mechanical and Mechatronic Engineering
University of Stellenbosch
Private Bag X1, Matieland 7602 , South Africa.

Supervisor: Mr. R.T. Dobson

December 2007