

DECLARATION

I hereby declare that this research report is my own work apart from the advice of my supervisor and that it has not been submitted before for any degree or examination in any other university. It is submitted in partial fulfilment of the requirements for the degree of Master of Science (Building).

Hercules Visser

June 2013

ACKNOWLEDGEMENTS

I would like to thank my Creator for the ability and guidance he gave me during this study. Without His support, this work would not have been possible.

“What shall I render unto the Lord

For all His benefits toward me?”

Ps. 116:12

I would like to thank various people for their direct and indirect contributions to this research study:

My wife, Ria, my children and my friends for their encouragement and support;

Prof. Nalumino Akakandelwe for his patience and wise guidance.

“Everything should be made as simple as possible, but not simpler.”

Albert Einstein