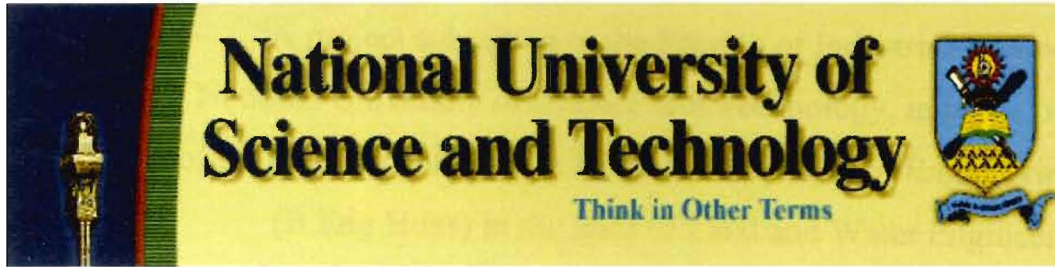
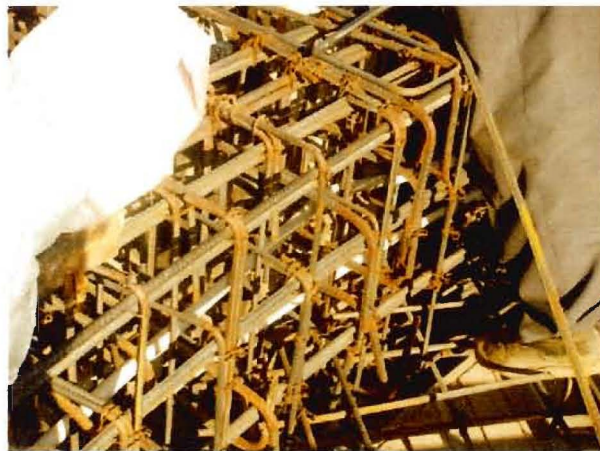


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**FACULTY OF INDUSTRIAL TECHNOLOGY  
DEPARTMENT OF CIVIL AND WATER ENGINEERING  
FINAL YEAR PROJECT (2012)**

**PROJECT TITLE: STRUCTURAL DESIGN OF A DOUBLE STOREY  
RESIDENTIAL BUILDING WITH A BASEMENT**



**STUDENT NAME: NEZOMBA ZIVANAI T  
REGISTRATION NUMBER: N007 0390Y  
PROJECT SUPERVISOR: Eng V.V DESAI**



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## **ABSTRACT**

This project presents the design of a double storey residential building with a basement living area which is to be located on a slopy terrain in Borrowdale Harare. The project presents all the steps followed in the design of the structure to produce the final working drawings as well as bar bending schedules. All the design calculations were done in accordance with BS8110.