

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY
FACULTY OF ARCHITECTURE AND QUANTITY SURVEYING
BACHELOR OF SCIENCE IN QUANTITY SURVEYING (HONOURS) DEGREE
PART I FIRST SEMESTER SUPPLEMENTARY EXAMINATION – JULY 2006
DESCRIPTIVE GEOMETRY – AOS 1102

Instructions

Time: 3 Hours

*Answer Q1 (a) on the answer sheet provided.
Question 1(b) is to be answered on a single A1 sheet separately
Marks will be awarded to neatly presented work.
You can draw either in pencil or technical pen..
Do not write your name on any sheet.*

QUESTION 1

- a) Explain the difference between presentation drawings and working drawings. State the recommended scales recommended for the all types drawings drawings for both the Design Stage and Production?
- b) A client (Cde Z M Bondolfi of Tongogara Park Harare) has approached you with a sketch below for an out-building/cottage on her rectangular stand measuring 60.0 by 25.0m. The shorter side of the stand is parallel to an existing road which is to the north of the stand. The out-building/cottage is to be located close to the southeast corner of the stand such that its sides are parallel to the stand boundaries; ie at four metres (3.6 m) way . Produce working drawings (on a single A1 sheet) showing site plan (1:200), north elevation, east elevation and one section (all at 1:100)

The following information on doors and windows is provided:

Doors: D1 is double French door, D2 is an ordinary flush door, D3 is a stable door type and D4 is French door

Windows: W1 is 2400 x 1200 W2 is 1500 x 1200 W3 is 1500 x 900 W4 is 1500 x 600

sketch of plan of a cottage for Cde Z M Bondolfi