



(University of Choice)

MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)

MAIN CAMPUS

UNIVERSITY SPECIAL/SUPPLEMENTARY EXAMINATIONS
2021/2022 ACADEMIC YEAR

SECOND YEAR SEMESTER EXAMINATIONS

FOR THE DEGREE
OF
BACHELOR OF SCIENCE IN CIVIL AND STRUCTURAL ENGINEERING

COURSE CODE: CSE 215

COURSE TITLE: ENGINEERING DRAWING III

DATE: 26TH AUGUST 2022

TIME: 2 HOURS

INSTRUCTIONS:

1. This paper contains THREE questions
2. Attempt all questions
3. Marks for each question are indicated in the parenthesis.

Examination duration is **2 Hour**

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 4 Printed Pages. Please Turn Over.

The following is a floor plan for a simple residential building. All walls are 250mm thick and 2800mm high.

All dimensions are in meters.

Sill height: 900mm

Doors: 900*2100mm

1200*2100mm

Windows :1500*1200mm

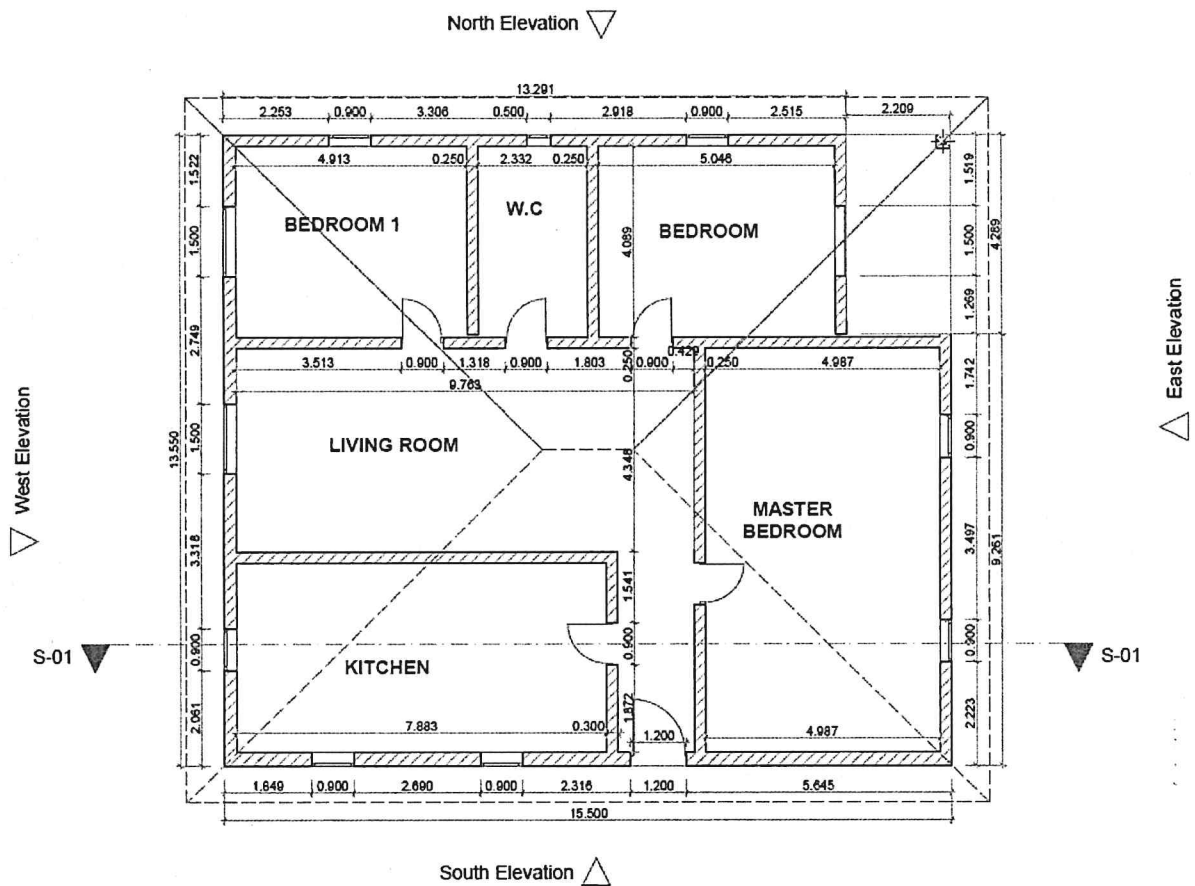
900*1200mm

500*500mm (in WC)

Foundation: strip, 600*200mm footing.

All dimensions are given in meters. Present all your dimensions in **mm**.

Use it for questions 1 and 2.



Question One (20 marks)

Using a scale of 1: 100, draw the section s-01 clearly labeling all the features.

Question Two (20 marks)

Using a scale of 1:100, draw the south elevation.

Question Three (20 marks)

'AUTOCAD' is commonly used Computer Aided Design (CAD) software that is used to produce drawings by Civil Engineers.

Using different co-ordinate entry methods, describe the steps (clearly stating the AUTOCAD commands and steps) to achieve the following drawing.

