



MACHAKOS UNIVERSITY

University Examinations for 2020/2021

SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF BUILDING AND CIVIL ENGINEERING

SECOND YEAR FIRST TERM EXAMINATION FOR

CERTIFICATE IN BUILDING TECHNOLOGY

1704 / 203 / CAD: COMPUTER AIDED DESIGN AND DRAUGHTING

DATE: 2/9/2021

TIME: 8:30 – 11:30 AM

INSTRUCTIONS:

- *This paper consists of **THREE** questions.*
- *Answer **ALL** questions.*
- *Maximum marks for each part of the question are as shown.*

Using the attached drawings and given specifications carry out the tasks given in the following questions:

All dimensions are in mm

Pen width : 0.35mm black

Grid spacing : 10mm

Dimension lines : 0.13mm black

Dimension text : Times New Roman

Font size : 3.0mm

Assume any other relevant information

1. To a scale of 1:1 and using CAD software, draw and annotate figure 01. (10 marks)
2. To a scale of 1:1 and using CAD software, draw and annotate figure 02. (20 marks)
3. To a scale of 1:1 and using CAD software, draw and annotate figure 03. (20 marks)