



MACHAKOS UNIVERSITY

University Examinations for 2020/2021

SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF BUILDING AND CIVIL ENGINEERING

SECOND YEAR FIRST TERM EXAMINATION FOR

DIPLOMA IN BUILDING TECHNOLOGY

2705/ 205 D: BUILDING DRAWING AND CAD

DATE: 6/9/2021

TIME: 2:30 – 5:30 PM

INSTRUCTIONS:

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

A proposed bedsitter is to be constructed on a site and laid out as shown in drawing No. 01

To a scale of 1:50 draw the following views:

1. A floor plan showing the layout of electrical services. (25 marks)
2. A floor plan showing the layout of plumbing and drainage services (25 marks)

Assume any relevant information.