

073204T4PLM

PLUMBER LEVEL 4

CON/OS/PL/CR/03/4/A

INSTALL DRAINAGE SYSTEM

July/August 2024



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND
CERTIFICATION COUNCIL (TVET CDACC)**

PRACTICAL ASSESSMENT

TIME: 5 HOURS

INSTRUCTIONS TO CANDIDATE:

- a. Do not write on the question paper.
- b. A separate plain paper will be provided.
- c. Return this paper to assessor at the end of the assessment

This paper consists of TWO printed pages. Candidates should check the practical paper to ascertain that all pages are printed as indicated and that no instructions are missing.

TASK

You have been provided with a plumbing plan layout as shown in figure 1. In this practical assessment, you are required to:

- Install an above ground drainage system.
- Apply a wood float finish at the bottom.
- Perform functionality test.

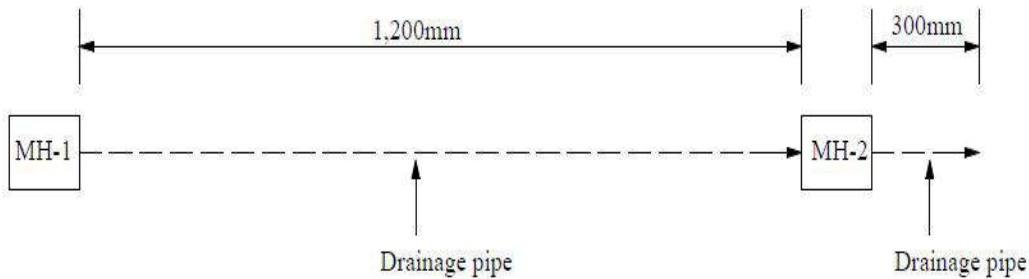


Figure 1

NOTE:

- Manhole invert level 400 mm.
- 6-inch wall thickness.
- MH-1 and MH-2 gradient - 100mm.
- Manhole internal dimensions 600 x 600 mm x 400 mm high.
- MH-2 outlet pipe 1 foot.

You have been provided with the following resources

Tools and equipment	Materials
• Levelling equipment. • Masons trowel and Mason square. • Wheelbarrow • Spirit level • Measuring tools. • Float. • Mallet. • Mason hammer. • Masonry chisel.	• Bricks/ Bricks • Lime • Ballast • Sand • Water • Drainage pipe

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