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073206T4CEN

CIVIL ENGINEERING LEVEL 6

CON/OS/CET/CR/10/6

CONSTRUCT WASTEWATER INFRASTRUCTURE

July/Aug 2025

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

PRACTICAL ASSESSMENT

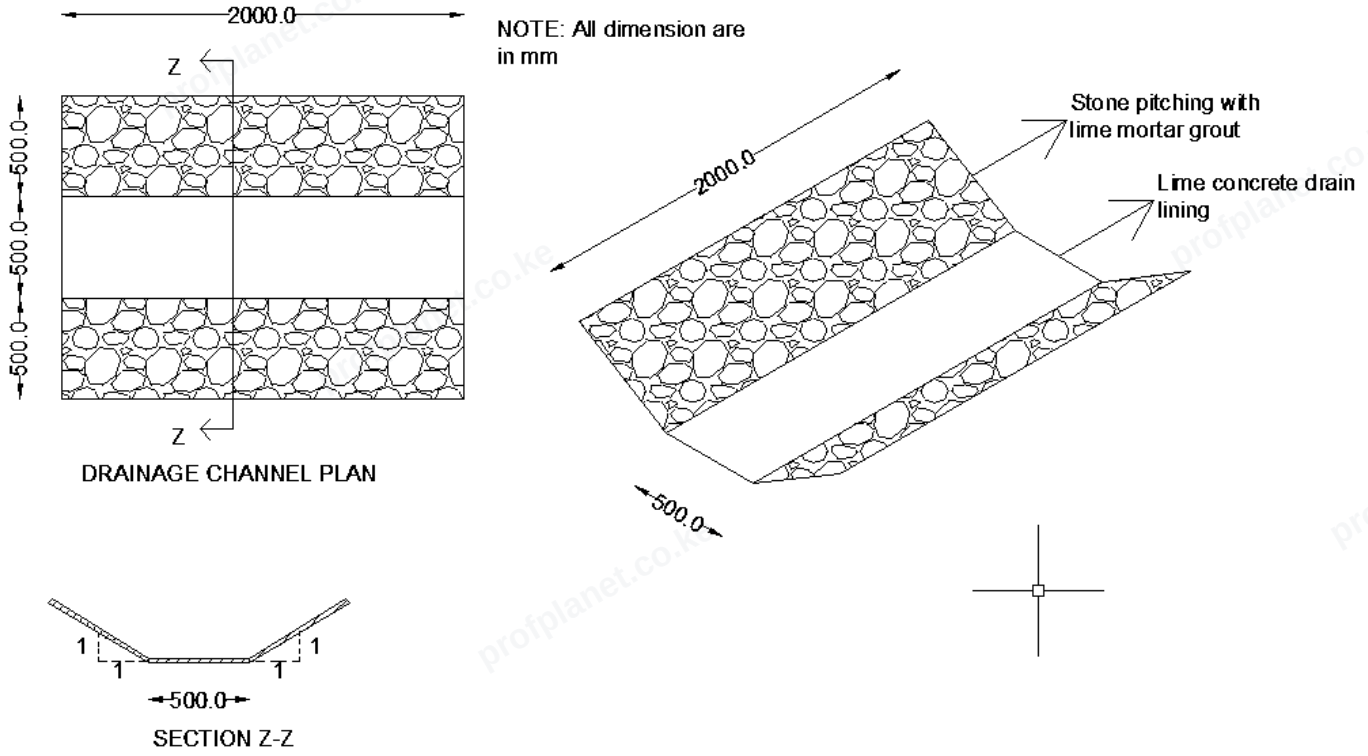
Time: 6 HOURS

INSTRUCTIONS TO CANDIDATE:

1. Using drawing 1, you are required to perform the following tasks.
   i. Prepare and set out the drainage channel.
   ii. Excavate the waste water drainage channel.
   iii. Construct 100mm thick stone pitching including grouting to the slopes.
   iv. Place and compact class 20/20 lime concrete as lining for wastewater drain bed.
2. You have been provided with the following resources for the practical tasks:

TOOLS/ EQUIPMENT	MATERIALS
• Shovel • Hard-core • Ballast • Wheelbarrow • Manila string	• Sand • Lime • Ballast • Water • pegs

• pegs • Hoe/ Mattock	• Hardcore/ Stones



DRAWING 1