

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

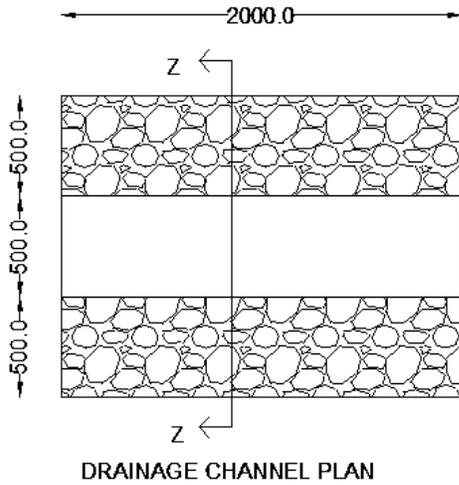
Time: 6 HOURS

INSTRUCTIONS TO CANDIDATE:

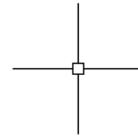
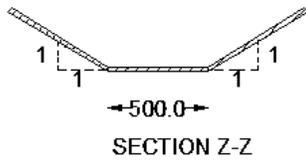
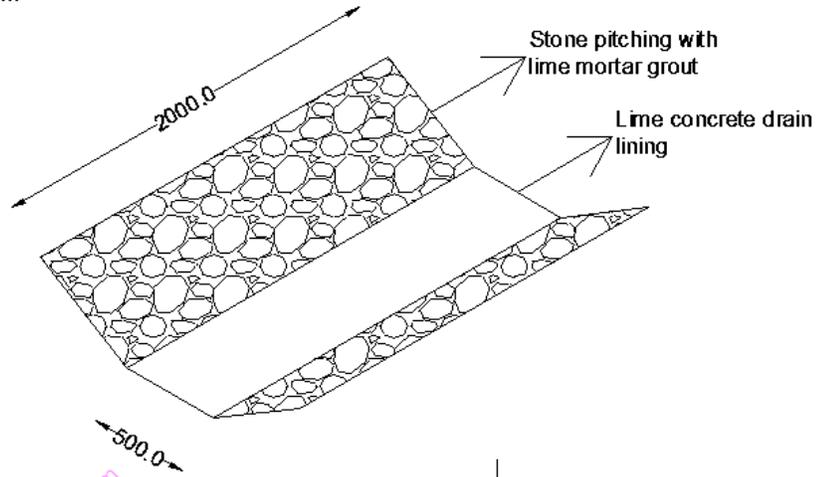
1. Using drawing 1, you are required to perform the following tasks.
 - i. Prepare and set out the drainage channel.
 - ii. Excavate the waste water drainage channel.
 - iii. Construct 100mm thick stone pitching including grouting to the slopes.
 - iv. Place and compact class 20/20 lime concrete as lining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

TOOLS/ EQUIPMENT	MATERIALS
<ul style="list-style-type: none">• Shovel• Hard-core• Ballast• Wheelbarrow• Manila string	<ul style="list-style-type: none">• Sand• Lime• Ballast• Water• pegs

<ul style="list-style-type: none">• pegs• Hoe/ Mattock	<ul style="list-style-type: none">• Hardcore/ Stones
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NOTE: All dimension are in mm



DRAWING 1