

073206T4CEN

CIVIL ENGINEERING LEVEL 6

CON/OS/CET/CR/03/6/A

Design Basic Pavement Structures

July/Aug 2025



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

PRACTICAL ASSESSMENT

Time: 3 HOURS

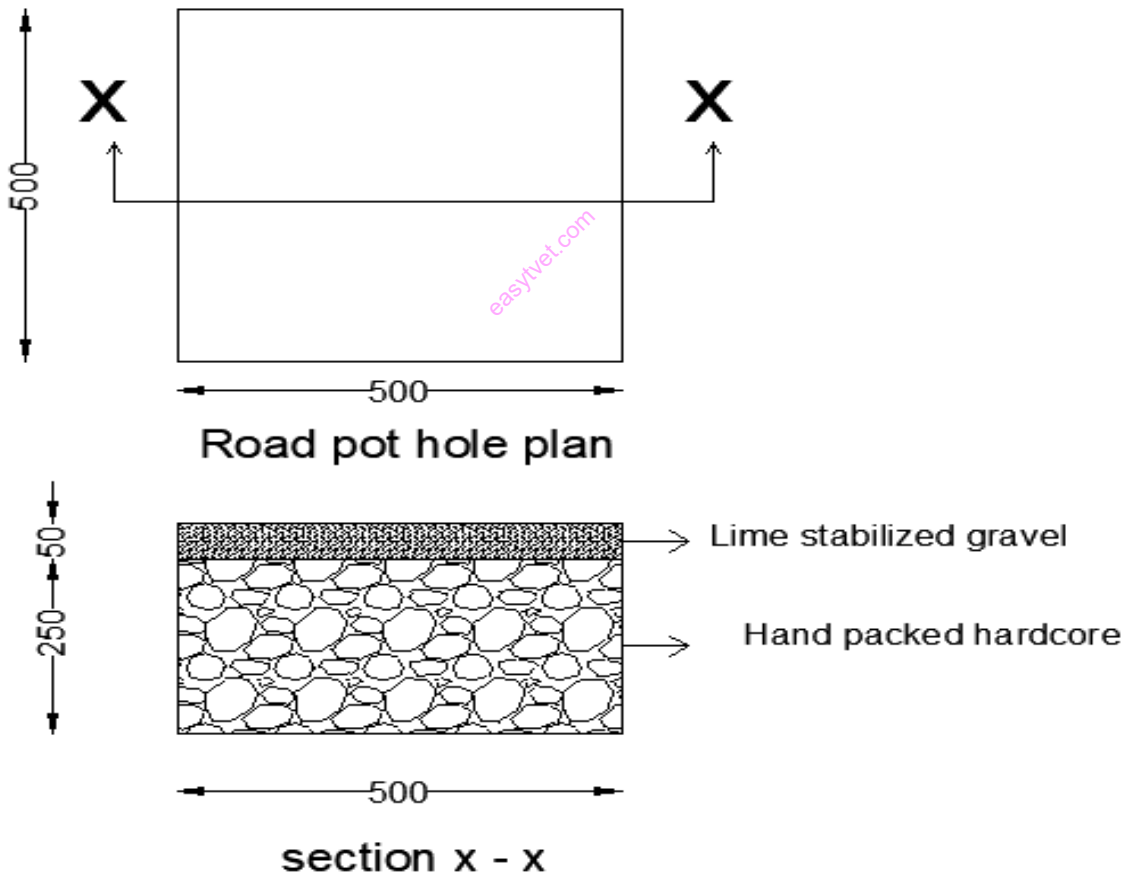
INSTRUCTIONS TO CANDIDATE:

1. Using drawing 1, you are required to perform the following tasks
 - i. Select and clear the site within the institution
 - Set out the pothole area (500mm x 500mm)
 - Excavate and trim to a depth of 300mm and clean pothole
 - ii. Carry out hardcore hand packing to a depth of 250mm thick
 - iii. Lay and compact 50mm thick lime stabilized gravel base
2. You have been provided with the following resources for the practical tasks:

TOOLS/ EQUIPMENT	MATERIALS
<ul style="list-style-type: none">• Open field• Shovel• Wheelbarrow• Broom or brush• Compactor (tamping rod)	<ul style="list-style-type: none">• Lime• Murram• Hard-core• Water

<ul style="list-style-type: none">• Masons hammer• Mattock/ Jembe• PPEs• Notebook and pen• Tape measure	
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NOTE: All dimensions are in mm



DRAWING 1