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073206T4CEN

CIVIL ENGINEERING LEVEL 6

CON/OS/CET/CR/04/6

Carry Out Road Construction Works

July/Aug 2025

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

PRACTICAL ASSESSMENT

Time: 6 HOURS

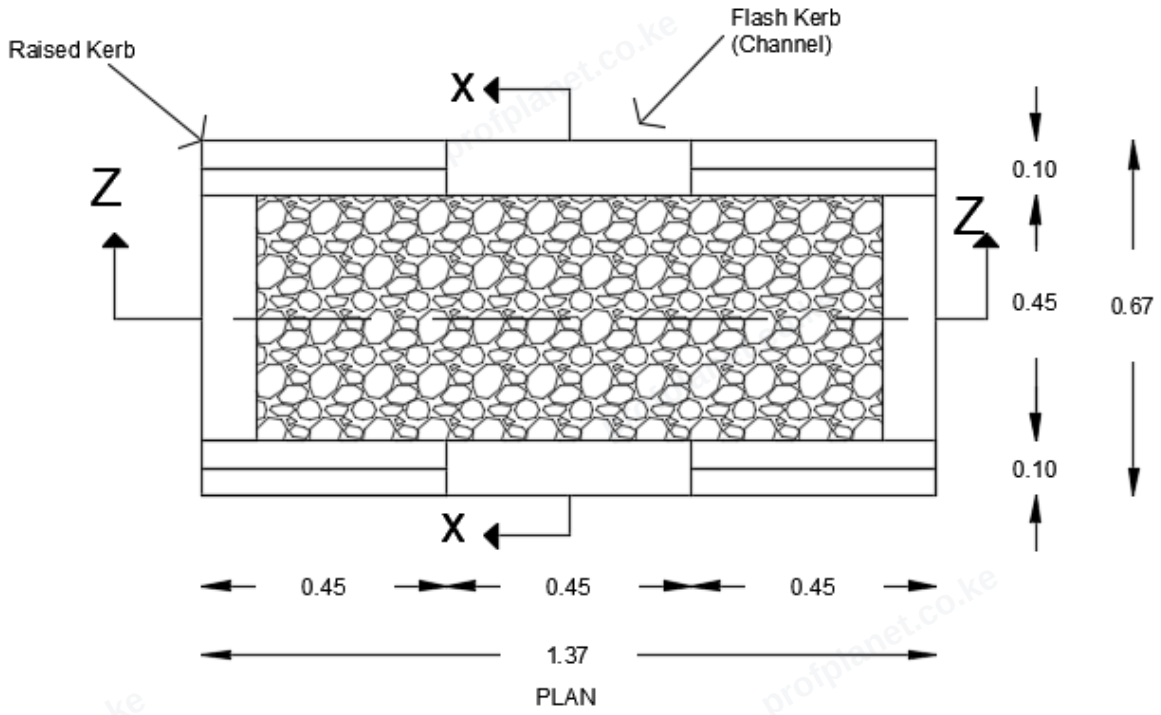
INSTRUCTIONS TO CANDIDATE:

1. Using Drawings 1 to 4 perform the following tasks.
   i. Set out the road section and lay pavement layers.
      - Set out and mark a road section of length 1.370m and width 0.670m.
      - Clear the set out ground surface.
      - Lay 75mm thick gravel sub-base layer.
      - Lay 50mm thick 10% lime stabilized base course.

   ii.
      - Lay flash kerbs (channels) and raised kerbs.
      - Haunch flash kerbs (channels) and raised kerbs using lime concrete.
2. You have been provided with the following resources for the practical tasks:

TOOLS/EQUIPMENT	MATERIALS

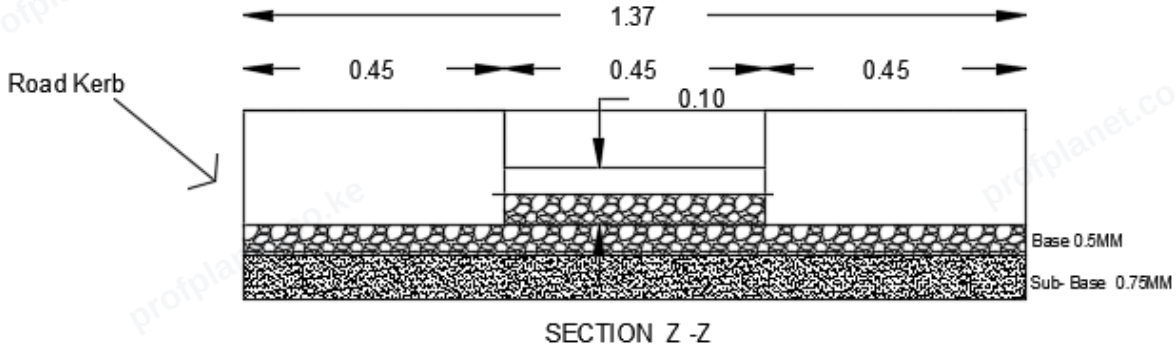
• PPEs • Spirit level • Wooden float • Tamping rod • Spade • Jembe • Masons trowel • Wheelbarrow • Tape measure • Chisel • Builder line • Mason hammer • Builder line	• Ballast • Gravel • Lime • sand • Water • Raised kerbs • Flash kerbs (Channels)



DRAWINGS 1

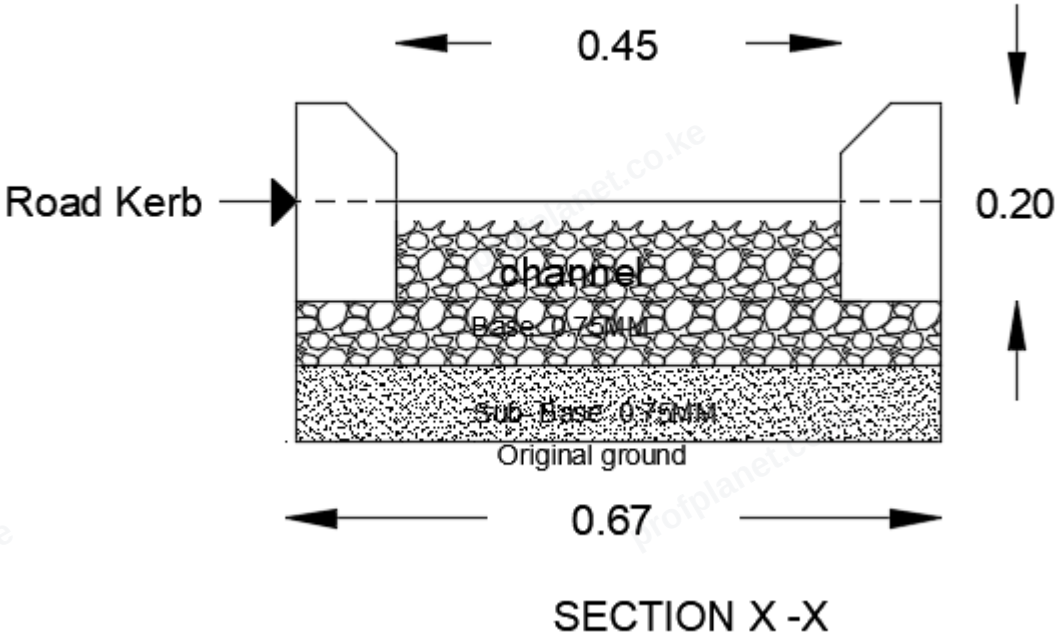
NOTE:

- All dimensions are meters (m)



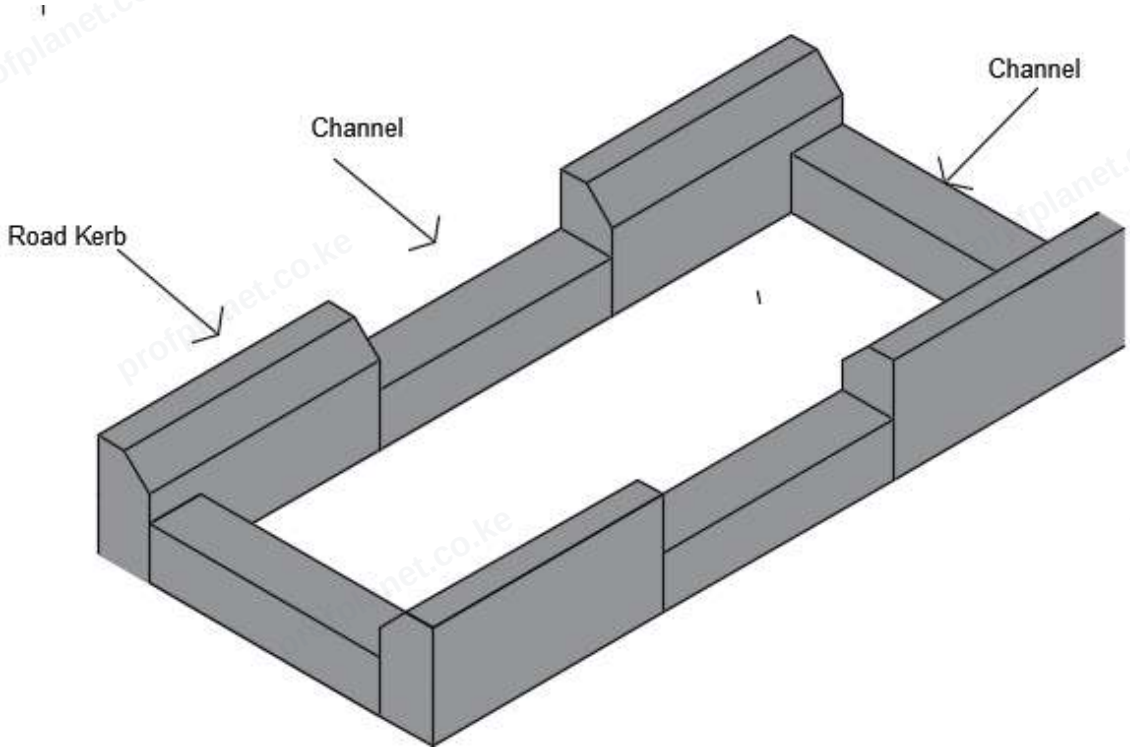
SECTION Z -Z

DRAWINGS 2



SECTION X -X

DRAWINGS 3



DRAWINGS 4