





QUESTION 4: CIVIL DRAWING

EC DoE/NOVEMBER 2009

Given

- A schematic floor plan and schematic sectional elevation of the outer perimeter of a *proposed new cottage*, and the position of all the features.
- A door and window schedule
- Incomplete sketches of the foundation detail.Answer sheet on page 6 shows the completed plan view

Instructions:

of the cottage.

- Use the answer sheet and the information given on page 5 to draw the required view.
- cutting plane AA to the given specifications. Draw, to scale 1:50, a complete sectional elevation on

SPECIFICATIONS:

A SECTIONAL ELEVATION Add the following features to the sectional elevation:

- The complete foundation, walls and floor slab detailThe door and complete window detail
- ALL necessary hatching

4500

2000

1200

1150

WINDOW SC 1F

DOOR

BATHROOM

⊳≻

3000

0

5500

2C 1E MINDOM

Label the sectional elevation:
 SECTIONAL ELEVATION A-A

NOTE

- Label ONLY the following features: natural ground level and damp proof course.
 ALL substructure hatching may be done in freehand.
 ALL drawing must comply with the guidelines contained
- in the SABS 0143. Conventions may be used.

TERMINOLOGY

Schematic diagram: a diagram that shows the main features or relationships but not the details.

1600

DOOR

1450

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