

P720/3
TECHNICAL
DRAWING
Paper 3
2026
3 hours



UGANDA NATIONAL EXAMINATIONS BOARD

Uganda Advanced Certificate of Education

TECHNICAL DRAWING

Paper 3
(Building Construction)

3 hours

INSTRUCTIONS TO CANDIDATES:

*This examination paper consists of two **compulsory** items.*

*Respond to **all** items.*

*Responses to Item **1** **must** be written in the answer booklet provided.*

*Responses to Item **2** **must** be done on the drawing paper size **A2** provided.*

1. Dr. Acen purchased a piece of land with an abandoned building, as shown in Figure 1, with the intention of converting it into a clinic to serve the surrounding community. Before commencing the renovation, she carried out a thorough inspection of the property. The inspection revealed that although the building's structural framework was still good and suitable for rehabilitation, several defects needed to be addressed. The walls were cracked and damp, the floor was unfinished, the grass was overgrown and the compound was uneven which made it prone to floods during heavy rains.

Dr. Acen requires a detailed document describing the procedures and operations involved in correcting each of these defects identified before the clinic can be opened to the public.



Fig. 1 – Picture of an abandoned building

Task:

Assess the challenges identified on Dr. Acen's building and its compound, and the operations involved in correcting them.

2. Kampala Capital City Authority (KCCA) has initiated a programme to upgrade major roads within the city. As a result, several roadside buildings have been affected by the ongoing works. Mr. Matege, who owns a building, with a plan sketch shown in **figure 2**, adjacent to one of the roads under this project, has had part of his shade demolished. The building was constructed on firm ground. Using the compensation money received from KCCA, he intends to redesign his building by changing the shade and entrance to the left side of the sitting room and put a new roof on the house. To achieve this, Mr. Matege requires scaled drawings of a revised layout of the rooms, two adjacent elevations, and the appropriate detailed foundation.

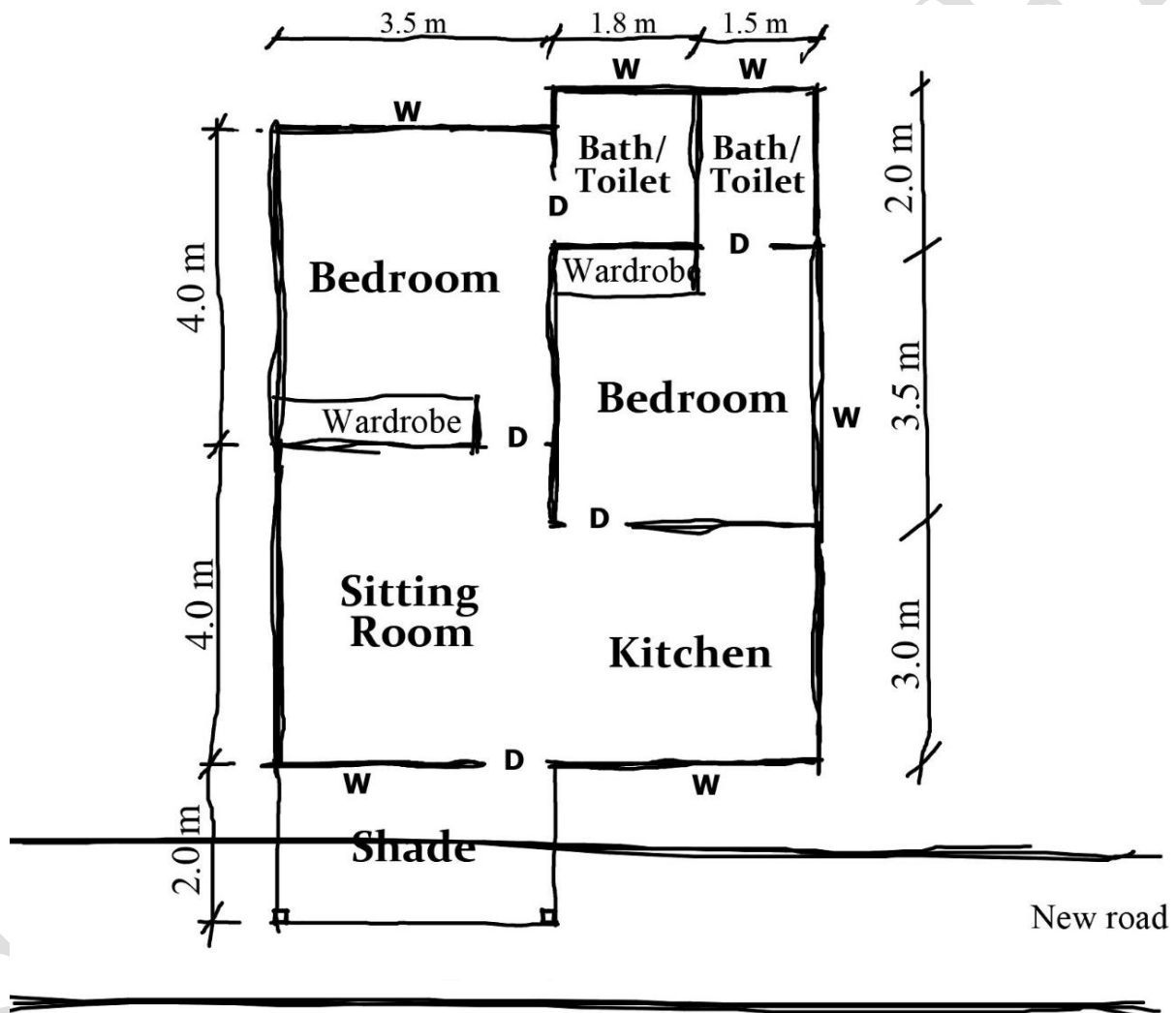


Fig. 2: Original layout of the rooms and the new road

Task:

Produce scaled drawings that Mr. Matege needs.