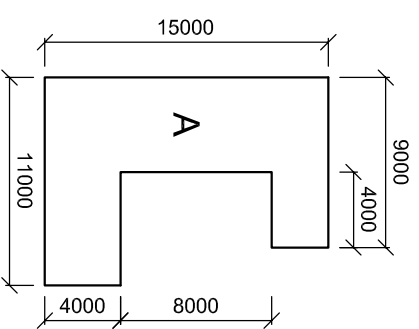


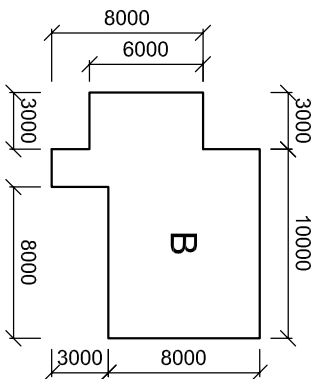


**QUESTION 1: ANALYTICAL (CIVIL)**

**QUESTION 1(a)**  
The profiles of the floor plans of two buildings are shown. Determine the floor area of building A. Determine the perimeter of building B. Show ALL necessary calculations in the space provided and write the final answer underneath the drawing.



Answer \_\_\_\_\_ m<sup>2</sup> (4)



Answer \_\_\_\_\_ m (3)

TOTAL

(7)

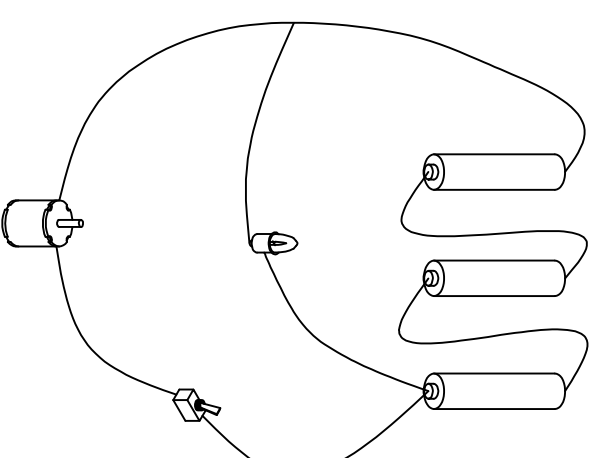
**QUESTION 1(b)**  
Make a neat freehand drawing of the missing plan or elevation of the convention given.

Description	View in plan	View in elevation
A) Bath		
B) Shower		
C) Sink unit - single		
D) Wash basin		
TOTAL	(2)	(8)

**QUESTION 1(c)**  
What do the following abbreviations stand for?  
(3)

A) NGL	
B) DPC	
C) FFL	

**QUESTION 1(d)**  
Neatly draw an electrical diagram of the following sketch.  
(5)



Question 1(a)	7
Question 1(b)	8
Question 1(c)	3
Question 1(d)	5
<b>TOTAL</b>	<b>23</b>

NAME \_\_\_\_\_

NAME \_\_\_\_\_

NAME \_\_\_\_\_