STAPLE HERE

FOR OFFICIAL USE

X033/201

NATIONAL QUALIFICATIONS 2010

THURSDAY, 27 MAY
1.00 PM – 3.30 PM

GRAPHIC COMMUNICATION INTERMEDIATE 2

Fill in these boxes and read what is printed below.

Full name of centre

Town

Forename(s)

Surname

Date of birth
Day Month Year

Scottish candidate number

Number of seat

70 marks are allocated to this paper

1 Answer **all** questions.

2 Read each question carefully before you answer.

3 Written answers may be in **ink** or **pencil**.

4 Drawings and sketches **must be in pencil**.

5 Dimensions are given in millimetres or as stated.

6 Orthographic drawings are in third angle projection.

At the end of the examination

check that your name is on every sheet;
put the sheets in correct numerical order;
place this sheet on top of the others;
join all sheets together by **stapling** at the top left-hand corner;
before leaving the examination room, you must give these sheets to the Invigilator (if you do not you may lose all the marks for this paper).

Question	Marks
1	
2	
3	
4	
5	
6	
7	
8	
9	
Total Marks	

SQA ©

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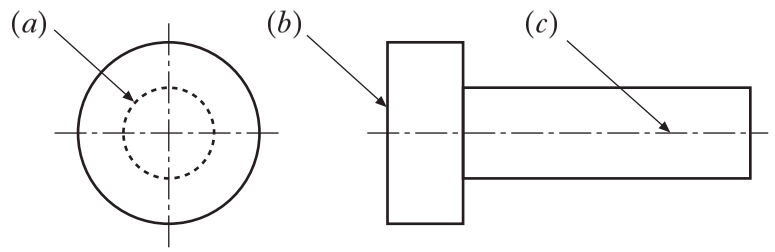
1

The elevation and end elevation of a round pin are shown below.



Elevation **End Elevation**

Identify, according to British Standards, the three line types shown.

(*a*) .....

(*b*) .....

(*c*) ..... **(3 marks)**

2

keyboard • monitor • hard drive • plotter • scanner

Using the list shown above, select,

(*a*) a storage device .....

(*b*) an input device .....

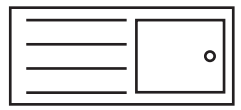
(*c*) an output device ..... **(3 marks)**

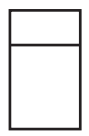
3

Identify the architectural symbols shown below.

(*a*)  .....

(*b*)  .....

(*c*)  .....

(*d*)  .....

(4 marks)

Candidate's Name _____

4

A clothing firm has produced a new line in Health and Safety work wear.

(*a*) Yellow was chosen for the manufacture of safety vests. State the reason for this.

.....

(*b*) What would be added to yellow to make a yellow **tint**?

.....

(*c*) State a **secondary** receding colour that would make the vest stand out in a display.

.....

(*d*) State how you would produce a **secondary** colour.

.....

(*e*) State a tertiary colour that would **harmonise** with yellow.

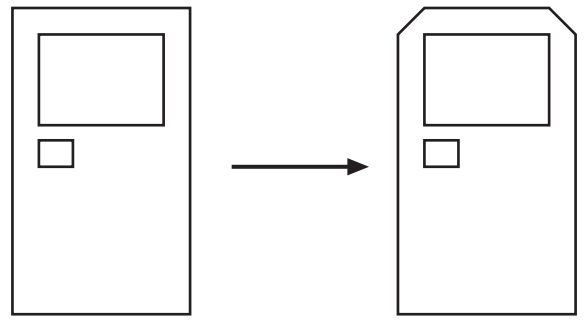
.....

(5 marks) ☐

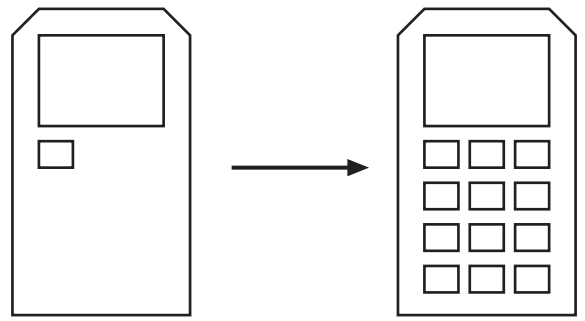
5

Stages in the production of a CAD drawing of a mobile phone are shown below.

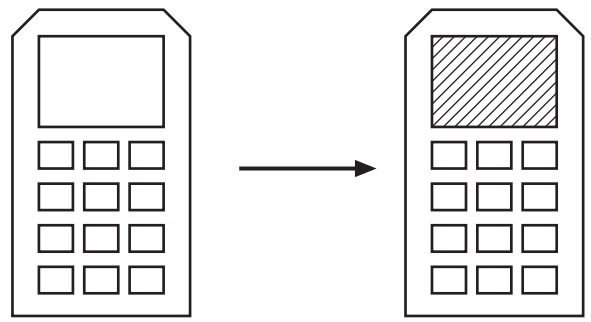
Identify the **single** command used to produce each stage.



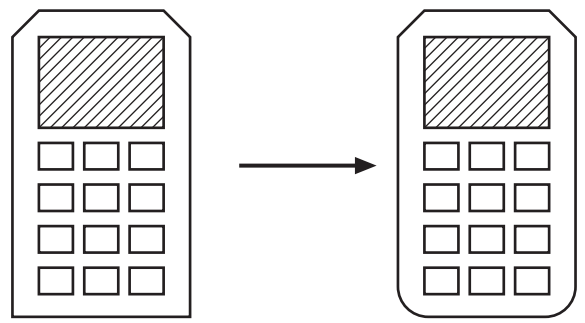
(*a*) .....



(*b*) .....



(*c*) .....



(*d*) .....

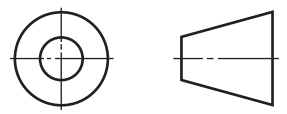
(4 marks) ☐

6

The elevation and end elevation of a name card holder are given.

Draw, full size, the plan.

Show all hidden detail. **(10 marks)**



a	
b	
c	
d	
e	
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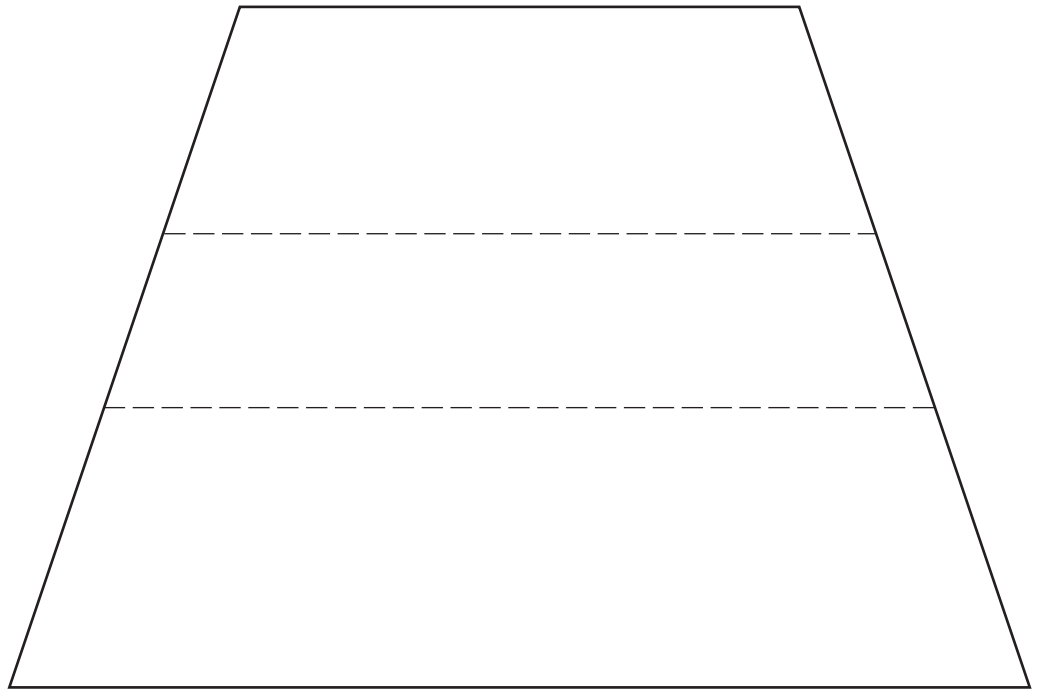
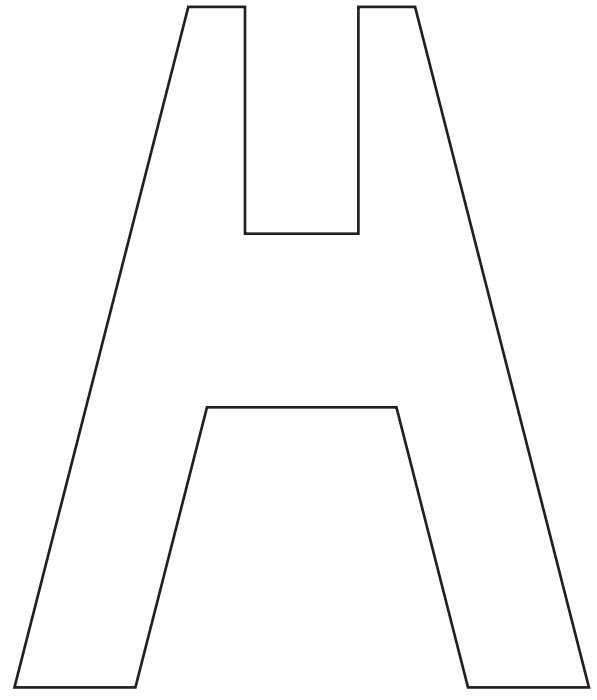
g	
h	
i	
j	
k	
l	
m	
n	

Plan



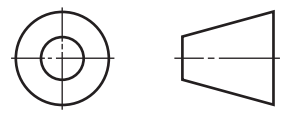
Elevation



End Elevation

Candidate's Name _____

7



The plan and end elevation of a litter bin on a stand are given.

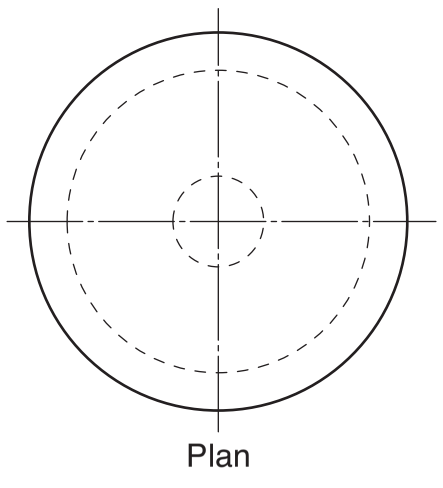
Draw, full size:

(*a*) the elevation;

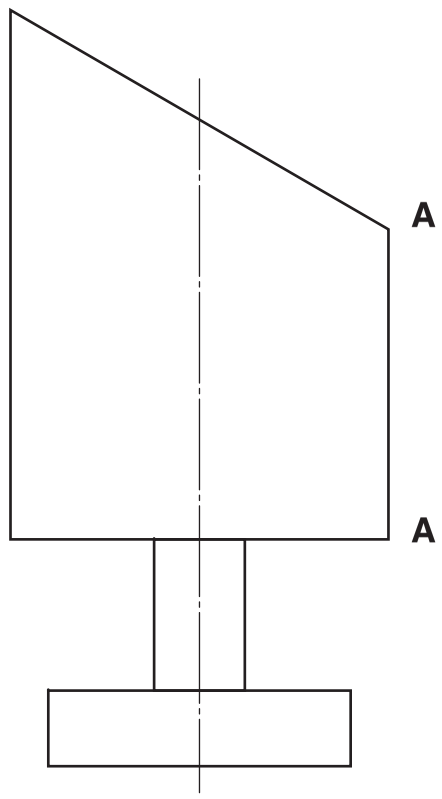
(*b*) the true shape of the sloping surface;

(*c*) the development of the curved surface of the bin excluding the stand, open along the seam **A-A.**

Show all hidden detail **(15 marks)**

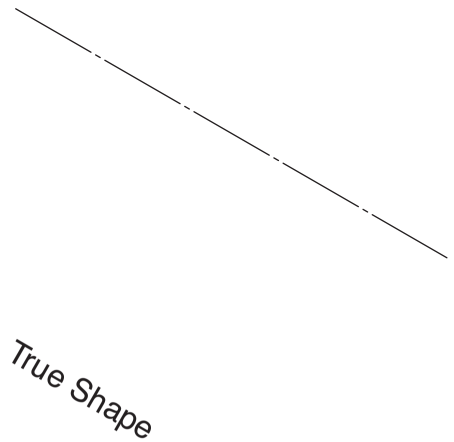


Plan



Elevation

End Elevation



Development

a	
b	
c	
d	
e	
f	
g	
h	
i	
j	
k	
l	
m	
n	

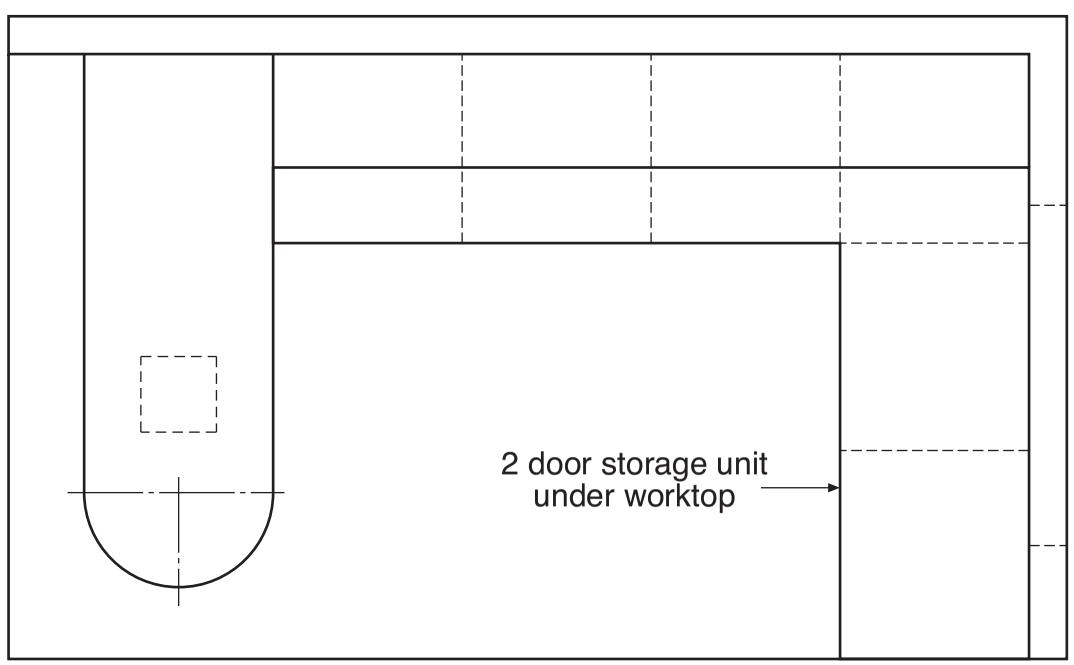
8

The elevation and plan of a kitchen are given.

Draw, in the position indicated, the planometric view of the kitchen.

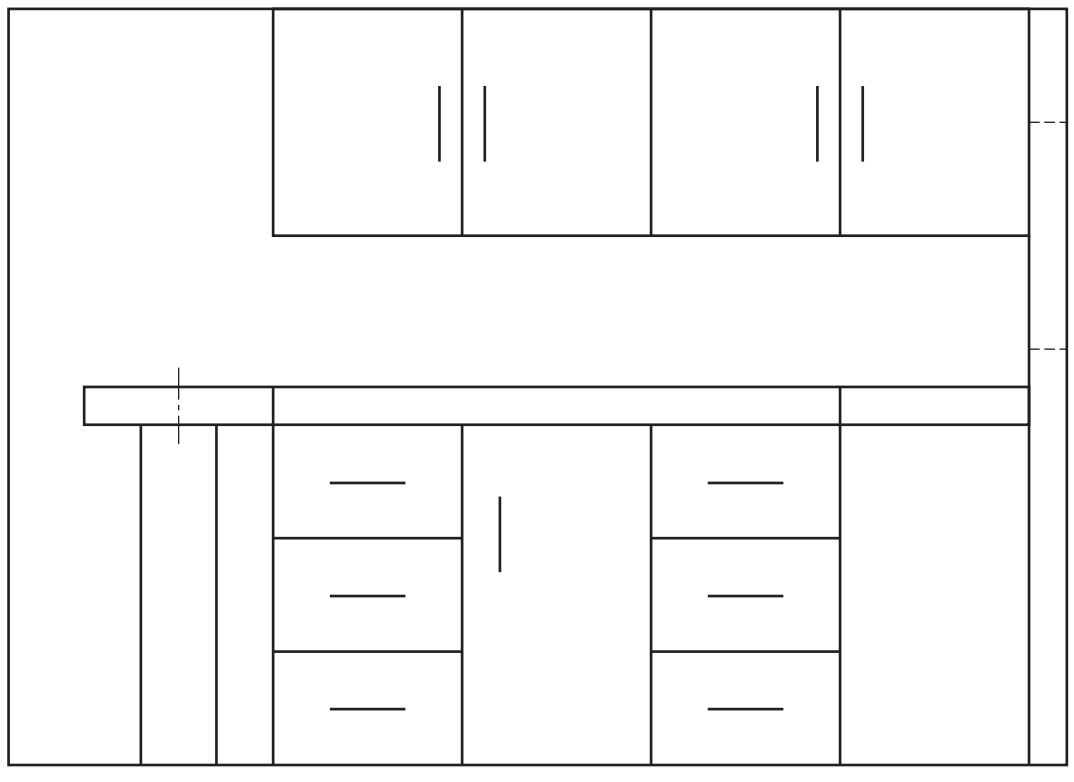
Show all door and drawer handles.

Do not show hidden detail. **(14 marks)**



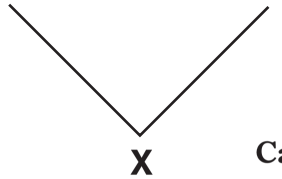
X

Plan



X

Elevation



X

Planometric View

a	
b	
c	
d	
e	
f	
g	
h	
i	
j	
k	
l	
m	
n	

Candidate's Name _____

9

The elevation and plan of the parts that make up a rubber ink stamp are given. A pictorial view is shown opposite.

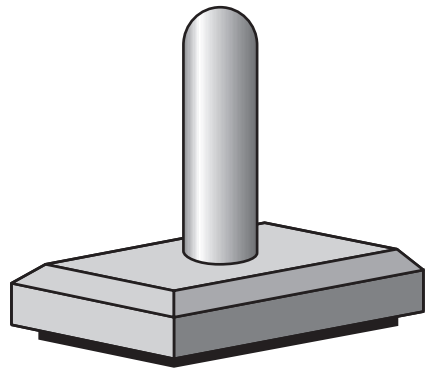
Draw **full size** to the given dimensions:

(*a*) the fully assembled plan;

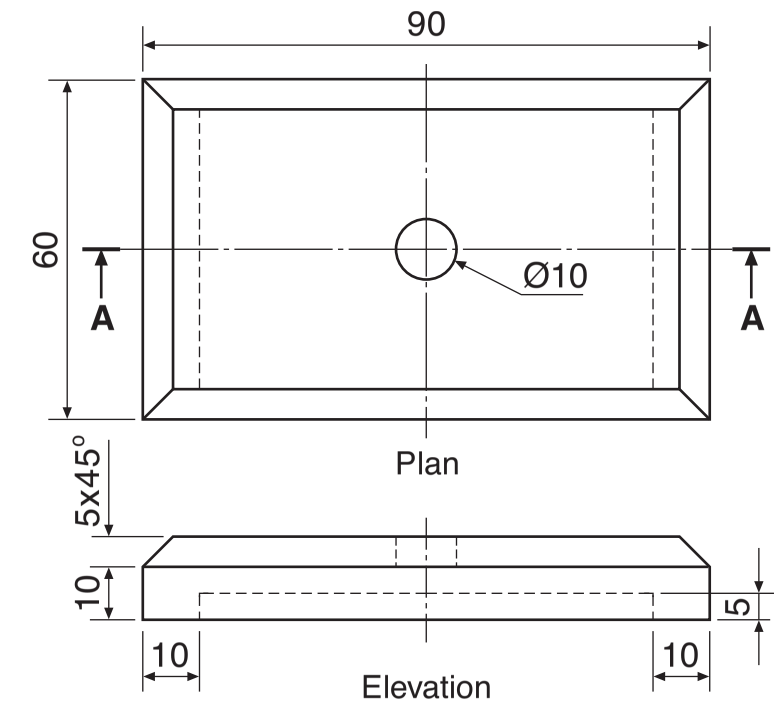
Show all hidden detail.

(*b*) the sectional elevation on **A-A** of the assembly.

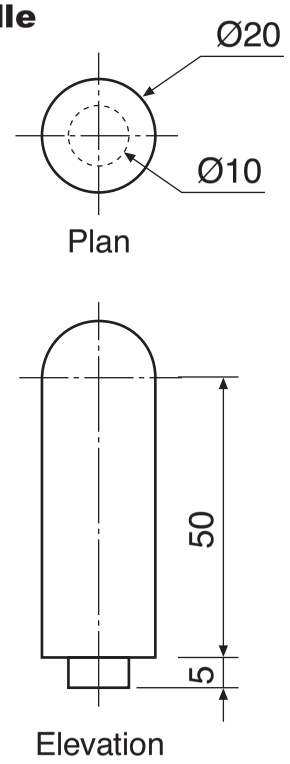
Do not show hidden detail. **(12 marks)**



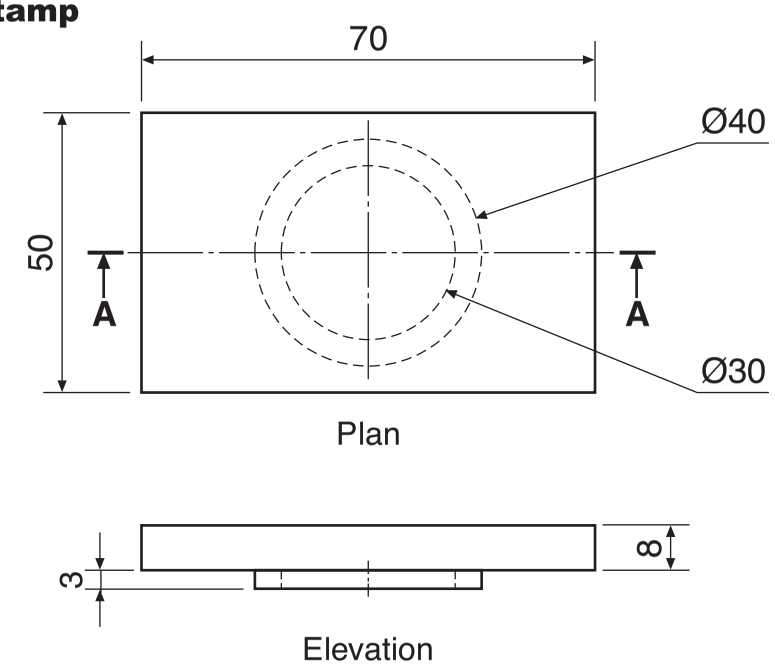
Base



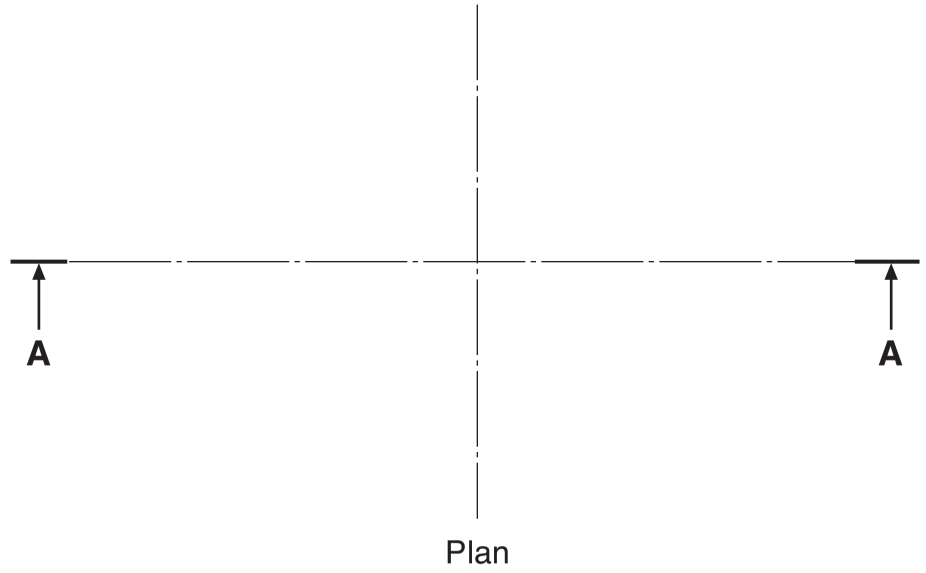
Handle



Stamp

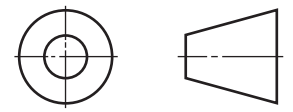


Not to Scale



Sectional Elevation **A-A**

9



a	
b	
c	
d	
e	
f	
g	
h	
i	
j	
k	
l	
m	
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[END OF QUESTION PAPER]