

QUESTION 2: TRANSITION PIECE AND DEVELOPMENT

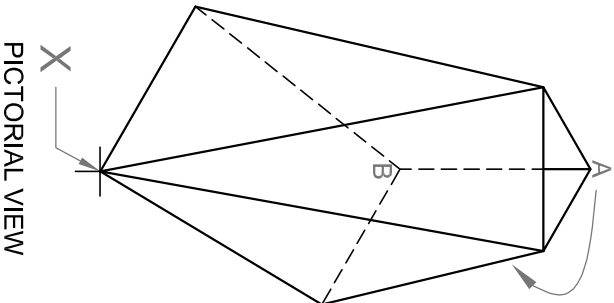
Given:

- The front view and top view of a portion of a duct showing an irregular square-to-triangle transition piece.
- The pictorial view of the transition piece for clarity.
- Starting position **X** for the front view.
- Starting position of seam **AB** for the development of the transition piece.

Instructions:

Draw to scale 1 : 1, the following views of the transition piece:

- 2.1 The given front view (start at point **X**).
- 2.2 The given top view.
- 2.3 The left view.
- 2.4 The surface development in the direction of the arrow as shown in the top view, with **AB** as the seam.

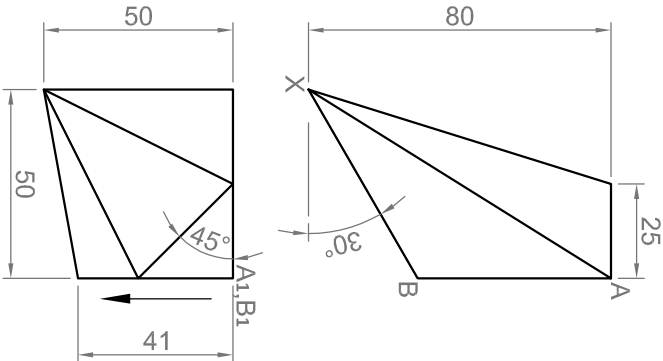


PICTORIAL VIEW

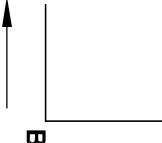
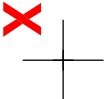
Note:

- Show ALL hidden detail and folding lines.
- Show ALL necessary construction lines.

[31]



A



ASSESSMENT CRITERIA				
1	FRONT VIEW	4		
2	TOP VIEW	5		
3	LEFT VIEW	6		
4	CONSTRUCTIONS	3		
5	DEVELOPMENT	13		
PENAL TIES (-)				
TOTAL	31			

NAME	
NAME	
3	