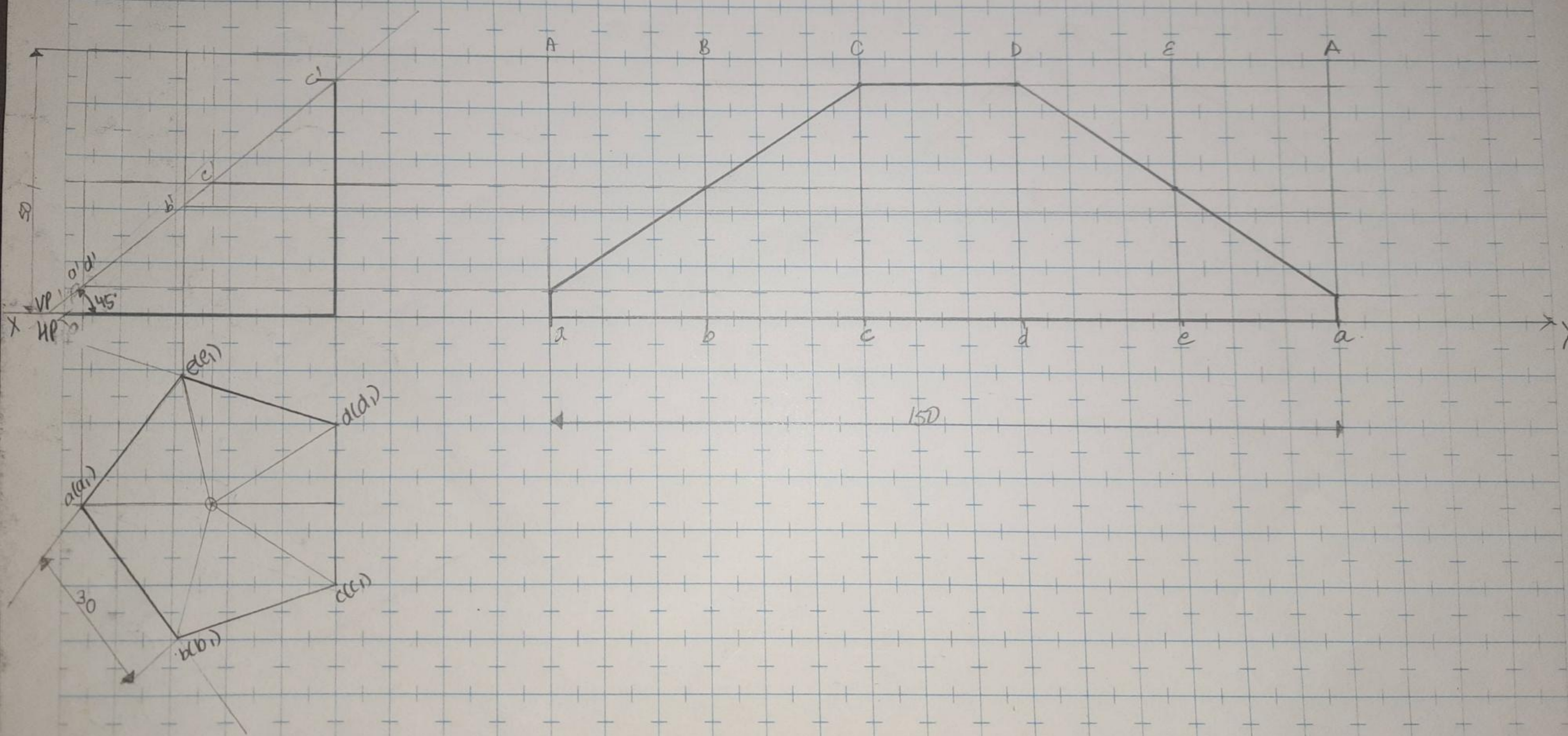


Problem ①: A pentagonal prism, 30mm base side and 50mm axis is standing on its base with one side of the base perpendicular to VP. It is cut by a section plane inclined at 45° to HP, through midpoint of axis. Draw the development of surface of remaining solid.



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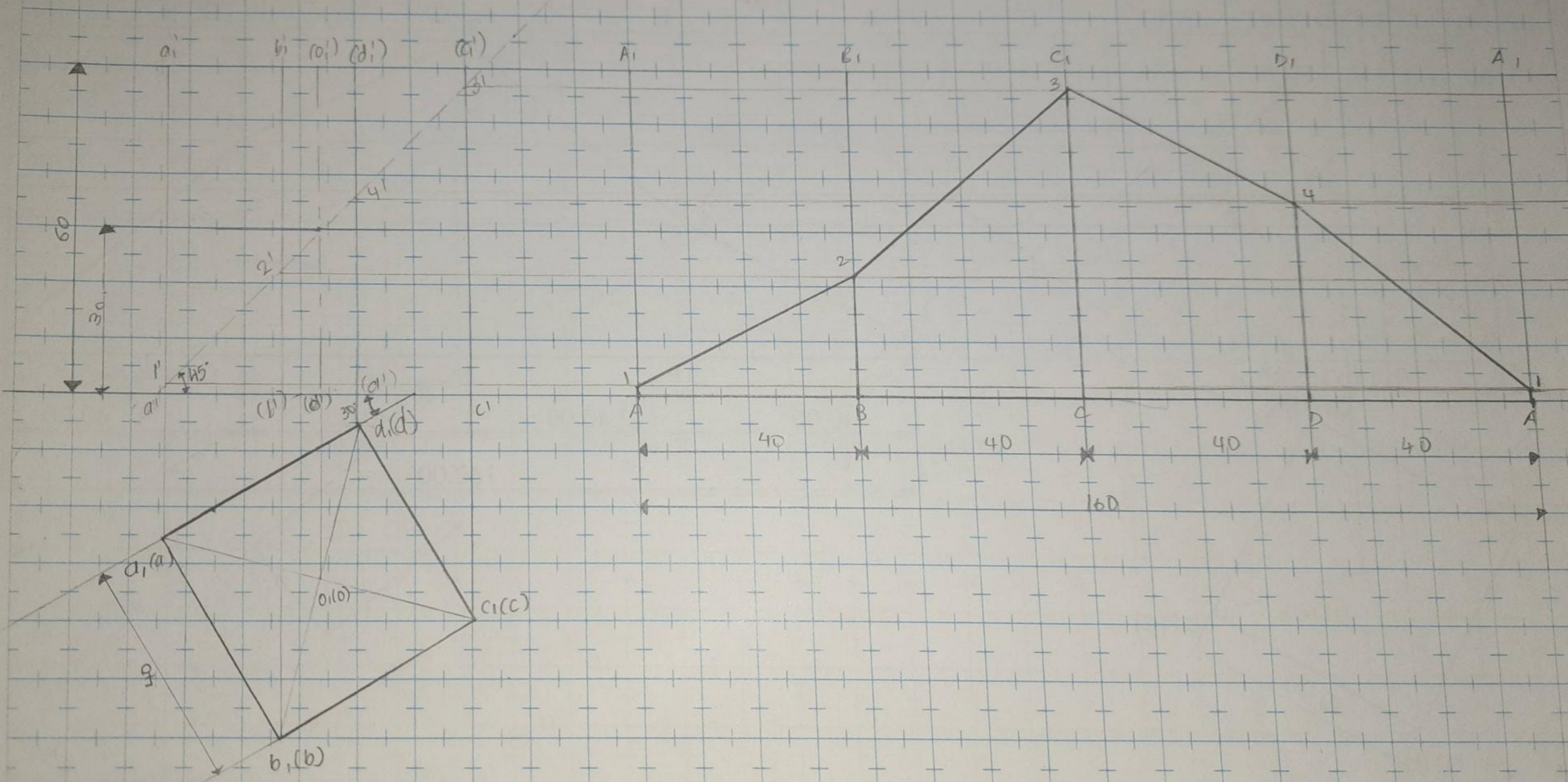
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Problem 2: A square prism of base side 40mm and axis length 60mm is resting on HP on its base with a side of base inclined at 30° to VP. It is cut by a plane inclined at 45° to HP and perpendicular to VP and is bisecting the axis. Draw the development of the lateral surfaces of the remaining portion of the prism.



Name Parnika Singh

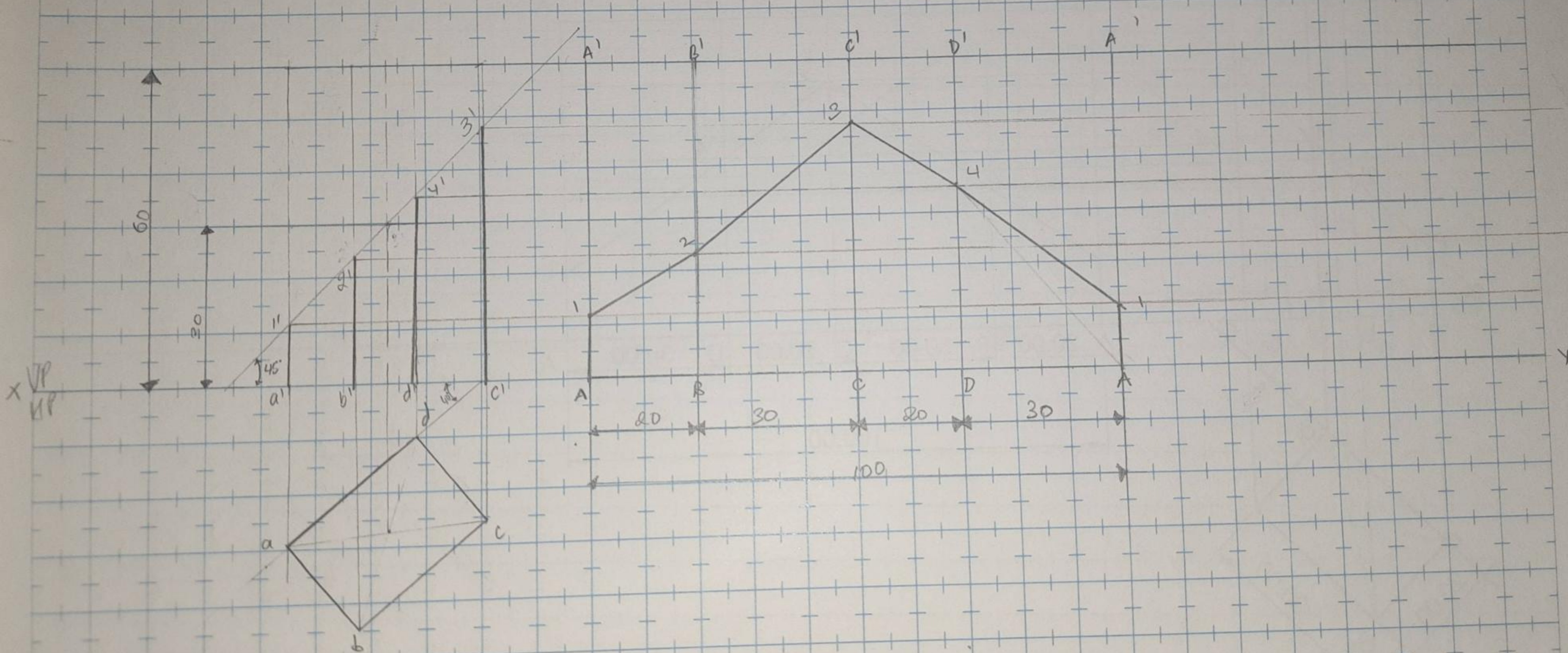
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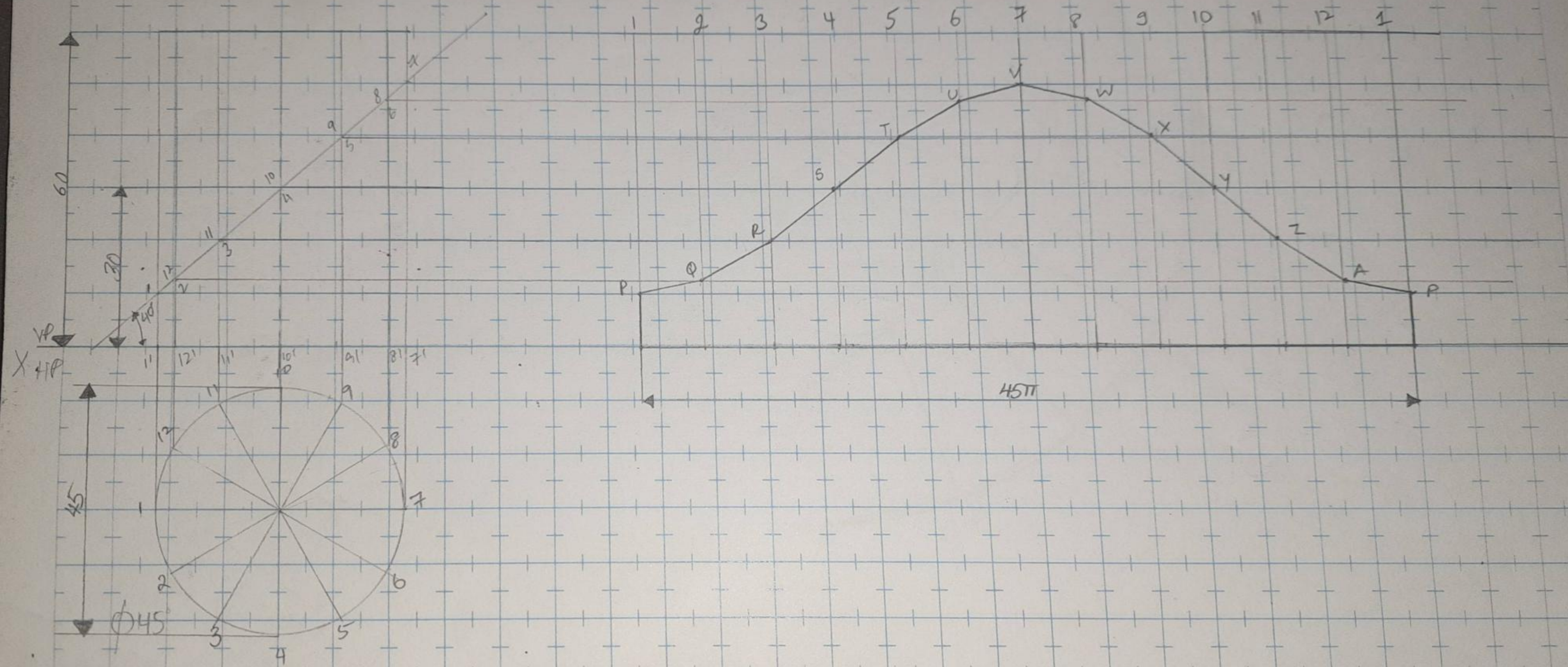
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Q3. A rectangular prism of base $30\text{mm} \times 20\text{mm}$ and height 60mm rests on HP on its base the edge with the longer base side inclined at 40° to VP. It is cut by a plane inclined at 45° to HP, perpendicular to VP and bisects the angle axis. draw the development of the lateral surface of the prism.



Problem 7: Draw the development of the lateral surfaces of the lower portion of a cylinder of diameter 45mm and height 60mm when sectioned by a plane inclined at 40° to HP and perpendicular to VP and bisecting the axis.



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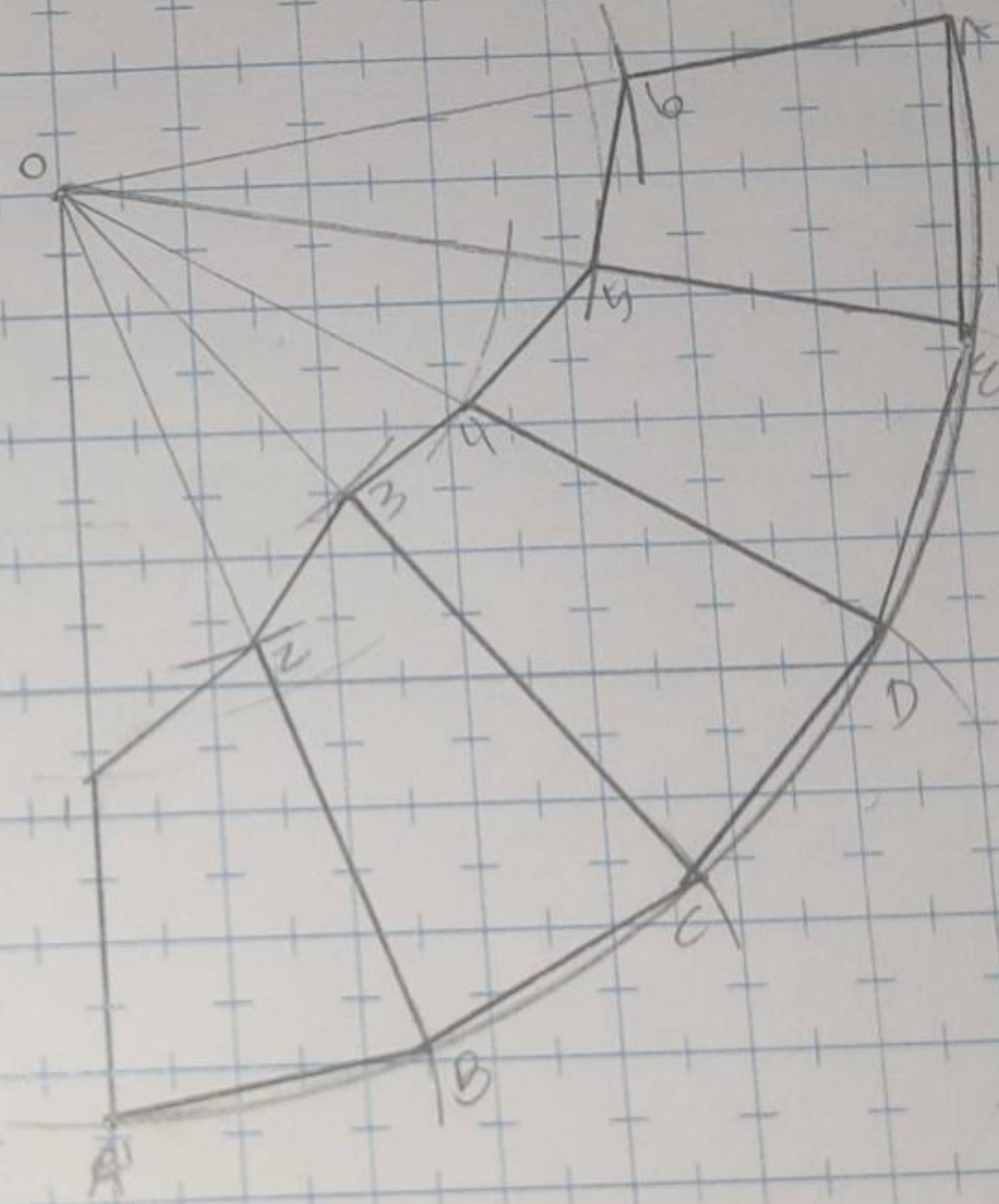
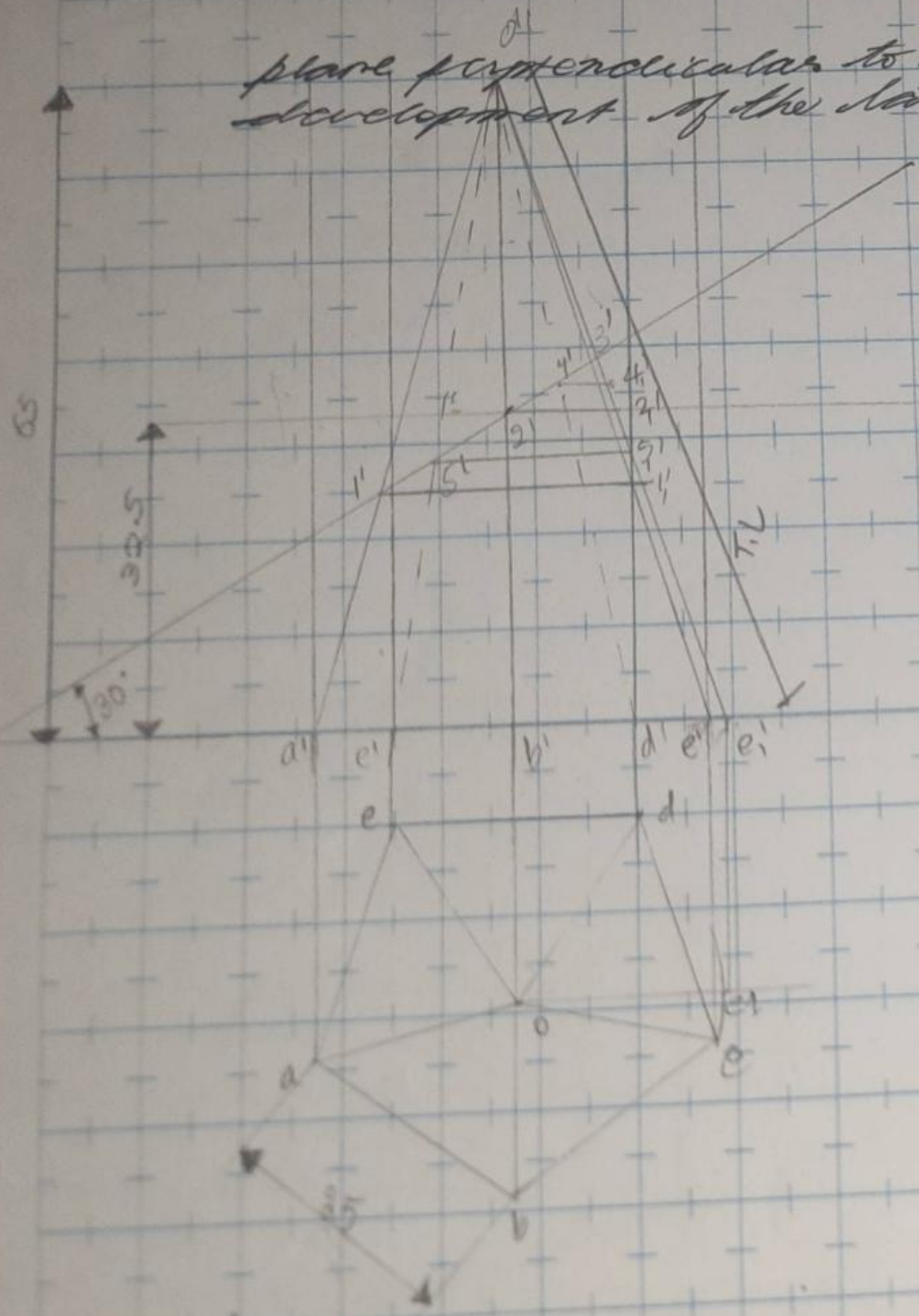
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Problem 5: A pentagonal pyramid of base 25mm side and height 65mm stands with its base such that one of its base edges is parallel to the VP. It is cut by a section plane perpendicular to the VP and inclined at 30° to the HP, bisecting the axis. Draw the development of the lateral surfaces of the solid.



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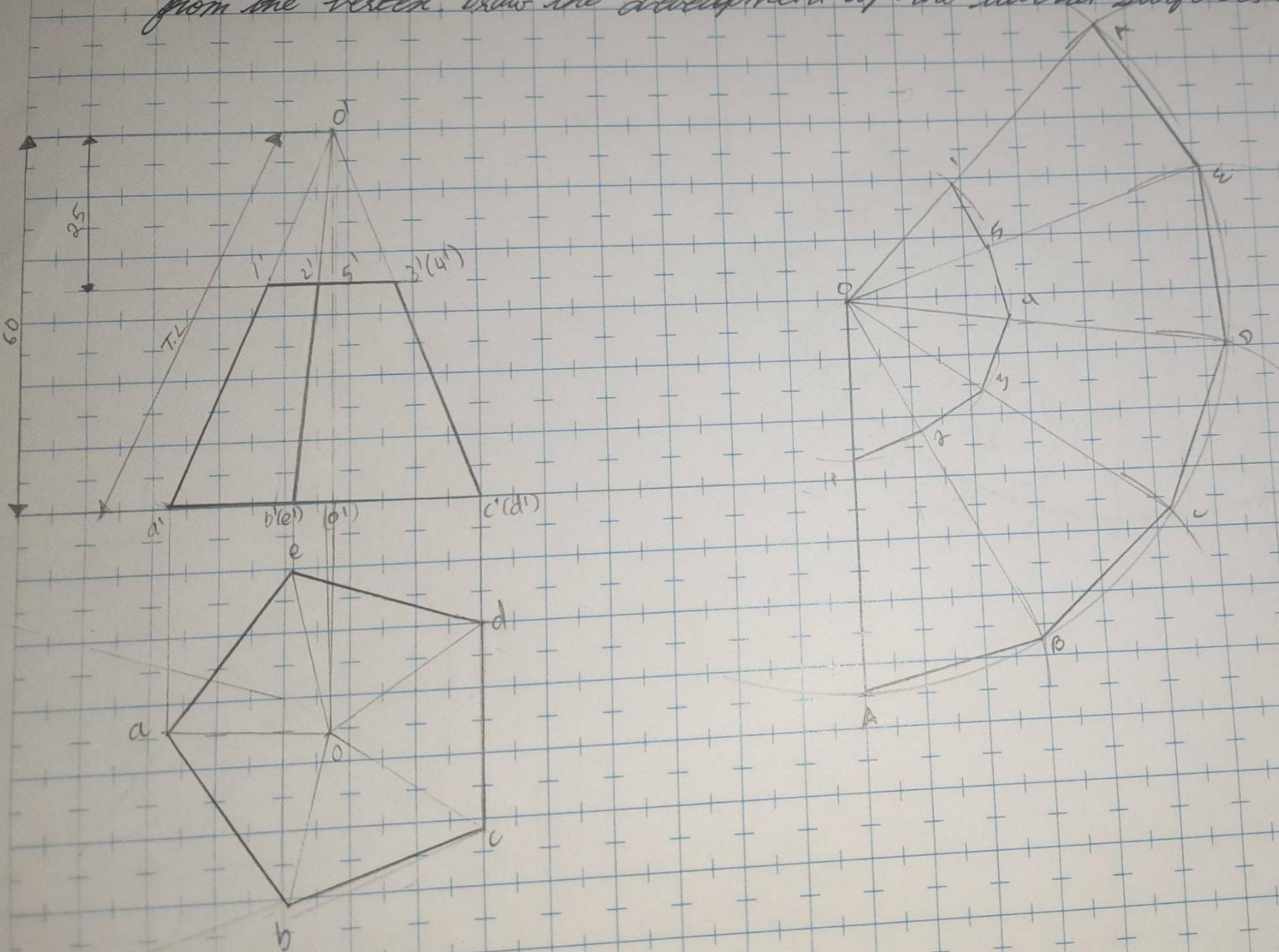
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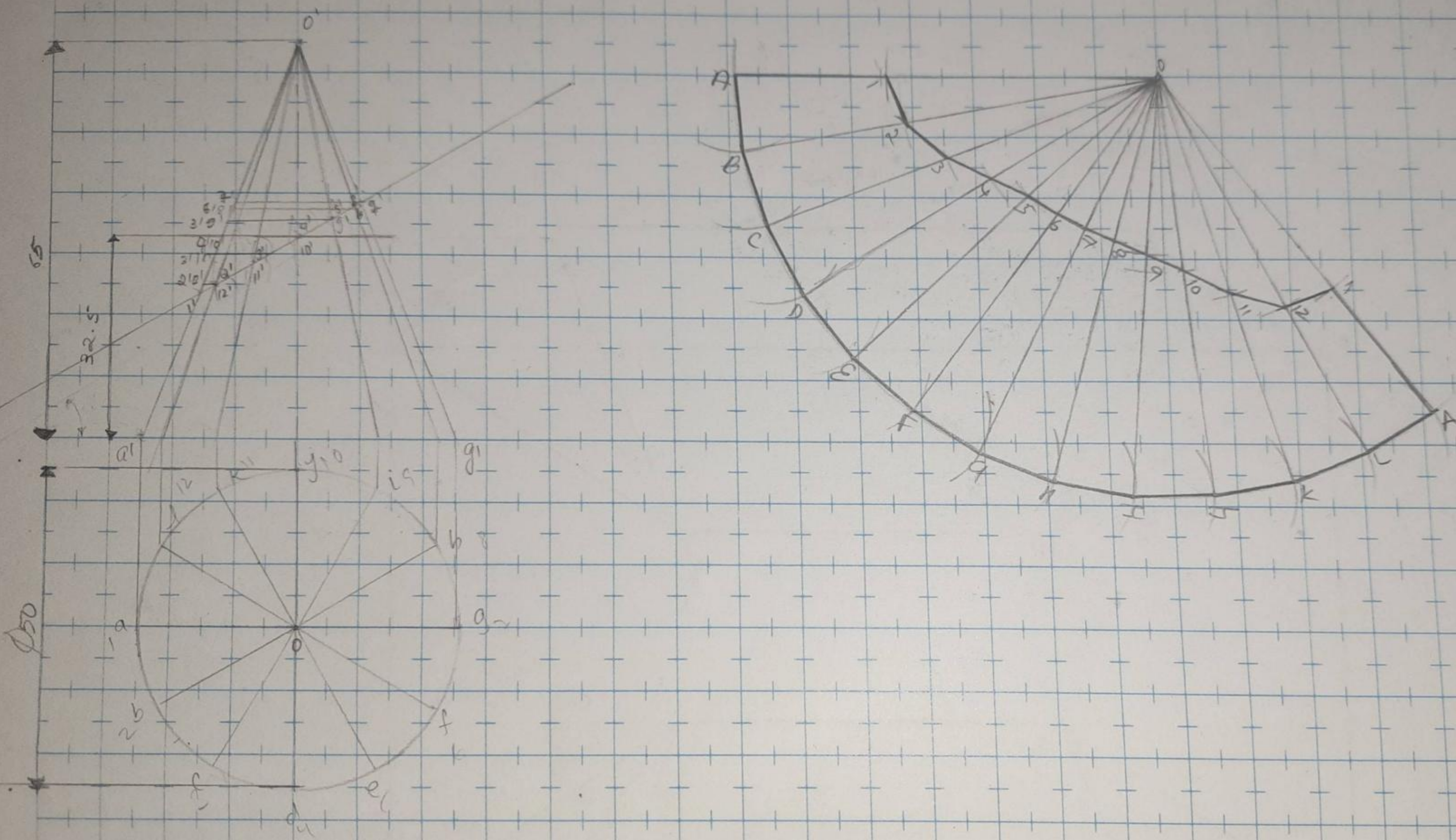
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Problem 7: A pentagonal pyramid of base 30mm side and height 60mm edges stand with its base on the HP. One of its base edges is perpendicular to the VP. It is cut by the section plane perpendicular to the VP and parallel to the HP, and meets the axis at a distance of 25mm from the vertex. Draw the development of the lateral surfaces of the solid.



Problem 9: A cone of base side 50mm and height 65mm rest on its base on the HP. It is cut sectioned by a plane perpendicular to VP and inclined at 30° to HP bisect the axis of the cone. Draw the development of the lateral surface.



Name: Parnika Sogli

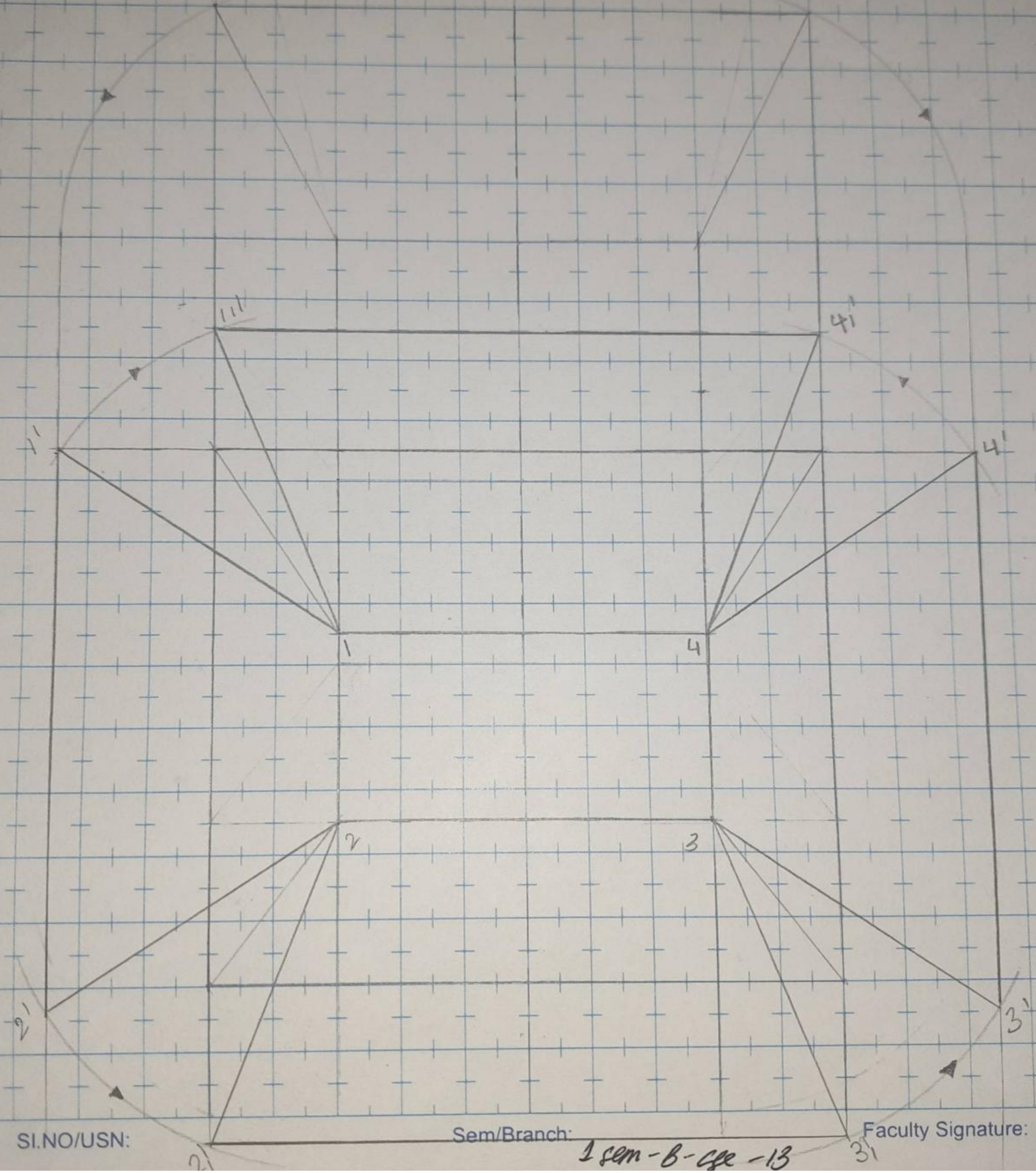
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Draw the development of lateral surface for the tray as shown in figure



Name: *Purnika Singh*

SI.NO/USN:

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