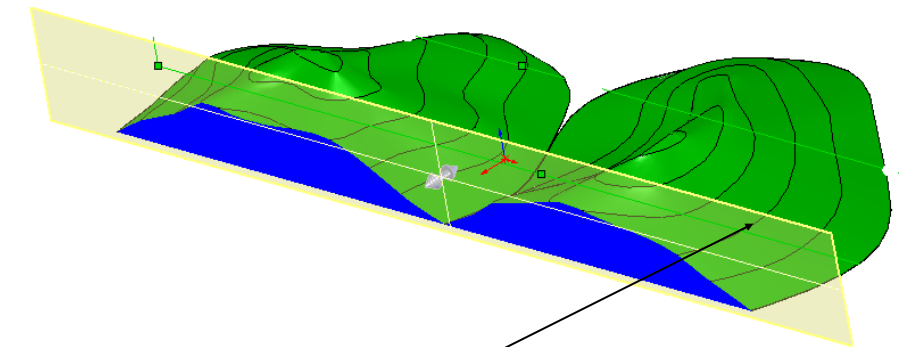
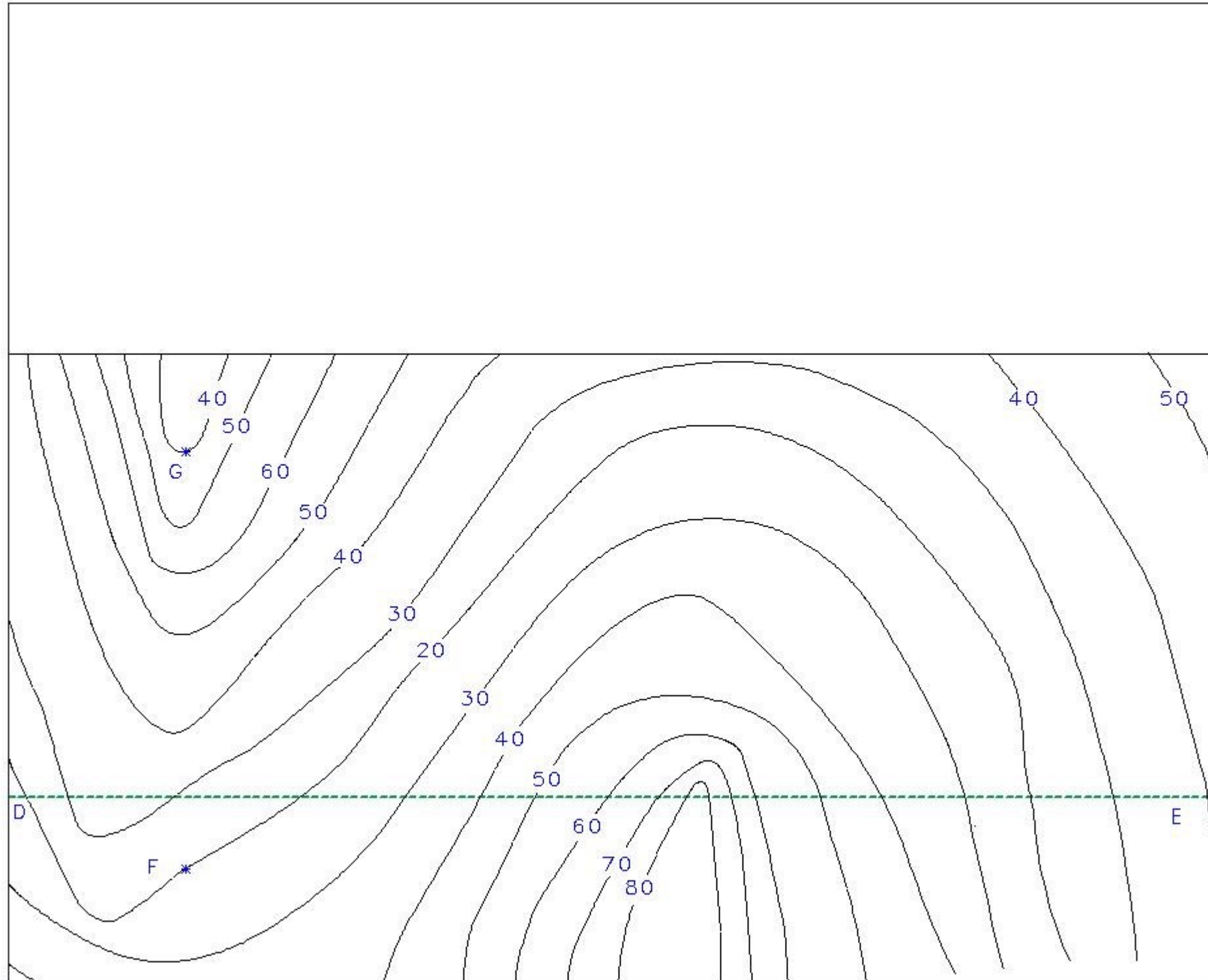


PROFILES 2

The accompanying drawing shows ground contours at ten-metre vertical intervals on a map.

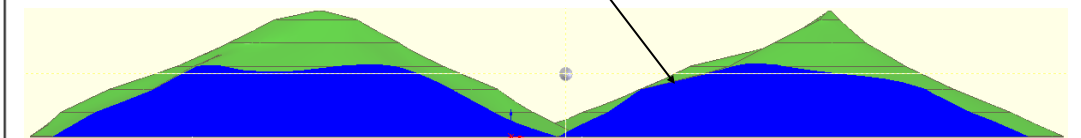
- (a) In the space provided draw a vertical section (profile) on the line DE.
- (b) A wind turbine stands vertically on the ground at G. Determine the minimum height of the tower so that it is visible from the ground at F.

Profile:- A profile is the line of intersection of the earth's surface and any vertical cutting plane.



Vertical cutting plane

Profile generated by cutting plane



TECHNOLOGY
SUBJECTS
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GEOLOGIC GEOMETRY 3

NAME: _____ DATE: _____