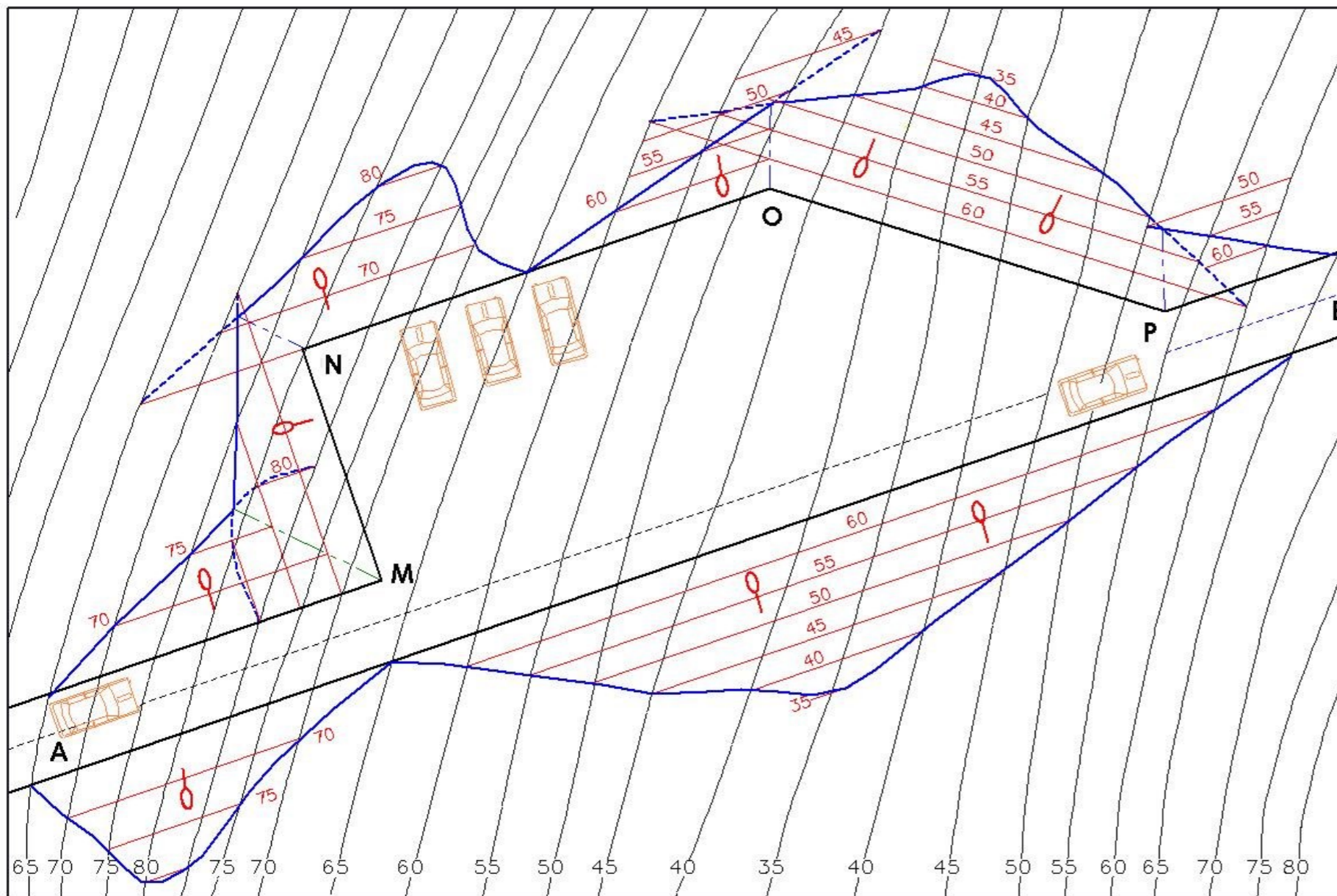
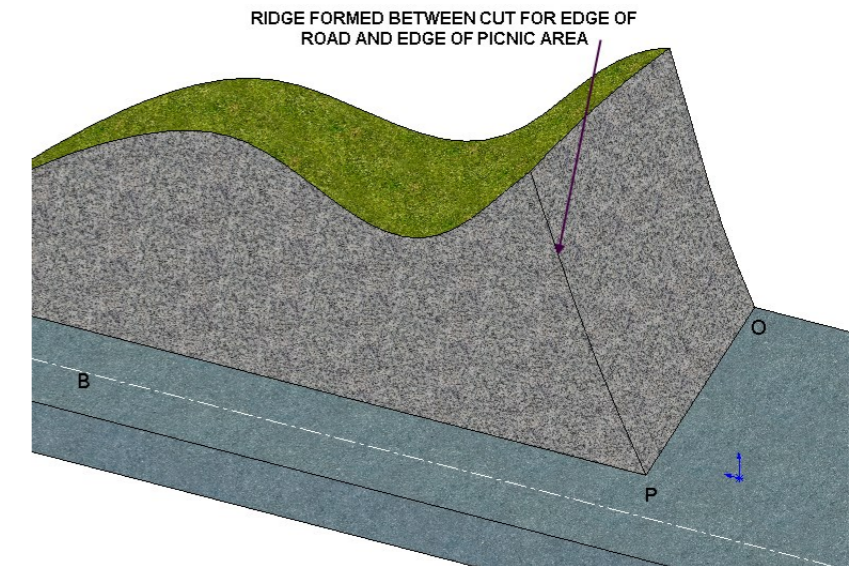


### EARTHWORKS 3

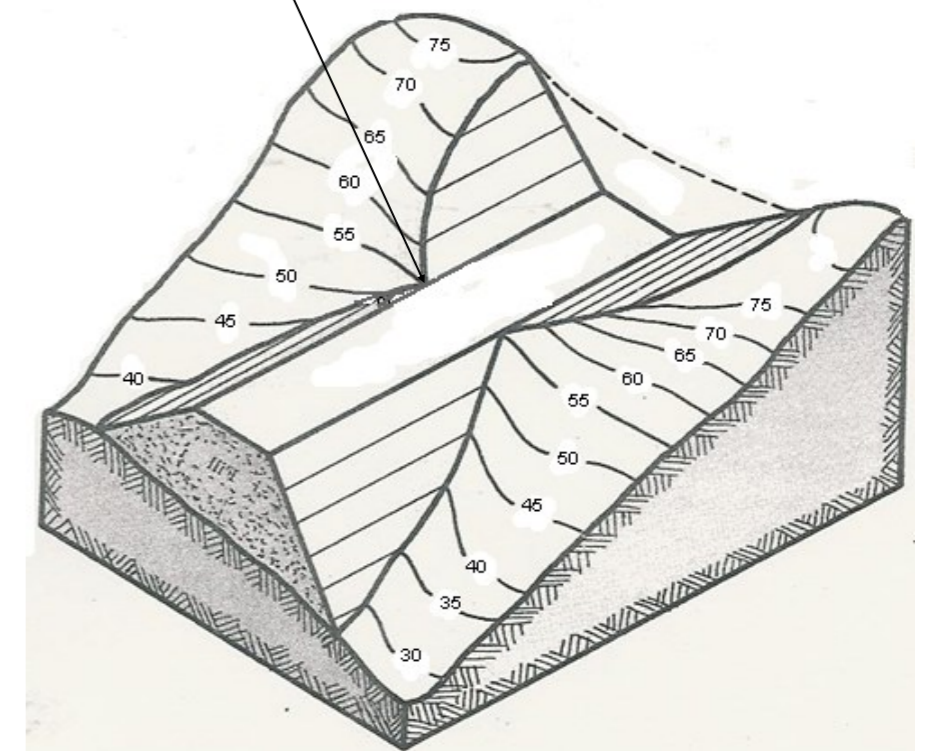
The accompanying drawing shows ground contours at five-metre intervals. AB is the centreline of a proposed level roadway. MNOP is the outline for a proposed level parking area. The roadway and picnic area have the following specifications:

- (i) width of the roadway is as shown.
- (ii) formation level is 65m
- (iii) side slope for cuttings 1:1.5
- (iv) side slopes for embankments 1:1

On the drawing show the outline of the earthworks necessary to accommodate the roadway and parking area.



CUT AND FILL ALWAYS MEET AT EDGE OF ROAD



TECHNOLOGY  
SUBJECTS  
SUPPORT  
SERVICE

DESIGN & COMMUNICATION GRAPHICS

GEOLOGIC GEOMETRY 6

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_