

### Topographic Profiles

A profile is a silhouette of the elevations along a given line or base line. It illustrates what the land would look like if cut vertically along the base line. Construct a profile of the baseline(s) indicated on the maps below.

**Procedure:** Place a ruler or other straight edge at the intersection of the contour line and the given line or baseline. Turn the ruler vertically so that it crosses the elevation lines of the graph underneath at right angles and place a point on that graph on the proper elevation that corresponds to the elevation of the contour line. Repeat for each intersection and finally connect the points on the graph.

