A picture containing text, map, tree, outdoor

Description automatically generatedBelow is the plan view of the alpine ski slope (not drawn to scale). Calculate the missing length on each slalom, giving your answers correct to 3 significant figures. What is the total distance covered by the skier, assuming they take the shortest route possible between each slalom?

**Extension:**

Construct a scale diagram of the ski slope, using a scale of 1cm = 2m.