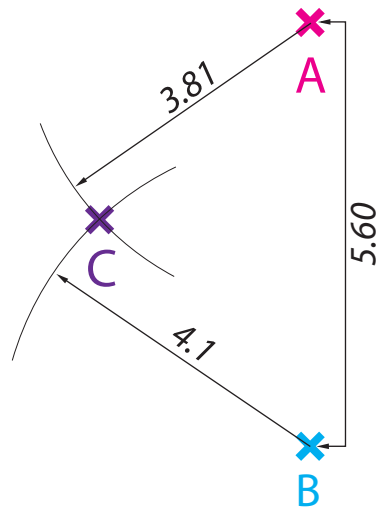


TRIANGULATION METHOD

Triangulation method is used to locate the position of an object in relation to two fixed points. In this example we have installed three points on site and measured the distance between them and recorded on the bottom right of the page. When recording this information on our scaled plan we would first mark point A on our page then at the correct distance we would mark Point B in this case 5.60m appart. From here we can scribe an arc from point (A) and point (B) using the measurements provided. This will give us an exact location of point (C).



Note that using cross axis measurements there are two possible locations. When making measurements always draw a mud map giving approximate location of your obstacle. When drawing your scale map you will know which is correct.

Tip: Position your (A) and (B) datam points directly north south. This will ensure your plan runs exactly north with your page.

A TO B = 5.60m

C =

A-3.81m

B-4.10m