

# Crime Scene Sketching

## Rough Sketch

first, pencil-drawn outline of a crime scene; drawn at the crime scene; not usually to scale

## Final Sketch

finished, polished rendition of rough sketch; drawn to scale; often for courtroom presentation

## Legend

list explaining symbols; also known as a key

## Compass

symbol indicating polar direction

## Scale

indication of proportion between representation and what it represents

## Overhead Sketch

sketch drawn as if the viewer is looking down from above the scene; also known as a bird's eye view sketch

## Elevation Sketch

sketch drawn as if the viewer is looking straight ahead at the scene; also known as a side-view sketch

## Three-Dimensional Sketch

sketch showing the scene in three dimensions; typically created using a computer program

## Exploded Sketch

sketch drawn with the floor in the middle and the walls drawn flat surrounding the floor; also known as a cross-sectional sketch

## Baseline Mapping

most basic, easiest and least accurate measuring technique in which a baseline is identified and evidence is measured off the baseline

## Rectangular Coordinate Mapping

measuring technique in which two baselines are identified and evidence is measured off each

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## Triangulation Mapping

most accurate, laborious and time consuming measuring technique not requiring advanced technology in which at least two fixed points are identified and at least two evidence points are measured from each fixed point

## Polar/Grid Mapping

measuring technique most useful in large outdoor scenes with few landmarks in which distance, angles and polar directions of evidence are measured from fixed points

## Global Positioning System (GPS)

satellite-based navigation system which transmits signals and calculates location

## Total Station

electronic surveying instrument with an integrated computer which utilizes laser rangefinders to measure distances and angles in three dimensions