Basic blueprint reading and sketching answer key

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What are the basic lines used in blueprint reading? Object line: This solid line shows the outer edges of an object that can be visible in the finished building, such as walls and corners. They're the thickest lines on a blueprint. Hidden line: This line, also known as a hidden object line, shows surfaces that aren't visible in the finished building.

What is the most important part of blueprint reading? The specs, which are often considered more important than the plans, describe every step of construction. The specifications should describe anything that is not shown on the plans. Whatever is not described fully in the specifications should be shown clearly on the plans.

How do you read blueprints for beginners? A quick way to begin understanding blueprints is to get familiar with its lines. Lines represent walls, door frames, appliance exteriors, dimensions, ranges of motion, etc. Depending on their thickness, whether they are straight or curved, dashed or solid, lines signify different schematic purposes in a drawing.

What are the 3 basic views on a blueprint? Blueprints come in three major varieties: plan view drawings, elevation view drawings, and section view drawings.

How hard is blueprint reading? Blueprint reading is not terribly difficult but it does require practice and some basic knowledge of blueprints. This online blueprint reading course is designed to provide you with foundational knowledge and handson practice so you can confidently discuss plans on the job.

What are the 3 main parts of a blueprint? Blueprints are documents that contain three major elements: the drawing, dimensions, and notes. The drawing illustrates the views of the part necessary to show its features. Together, the extension and dimension lines on the drawing indicate dimensions and specific tolerance information of each feature.

What is the first thing you should do when reading a new set of blueprints?

What are the 5 lines used in drawing? There are 5 main types of lines in art: vertical lines, horizontal lines, diagonal lines, zigzag lines, and curved lines. Other types of lines are simply variations of the five main ones.

What are the section lines on a blueprint? Section lines, or hatching, that represent the cut surface usually consist of thin parallel lines, as shown below, drawn at an angle of approximately 45° to the principal edges or axes of the part. For most purposes, the general use symbol of cast iron is used.

What are the 7 types of lines in technical drawing?

What are the 4 types of lines used in a sketch?

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