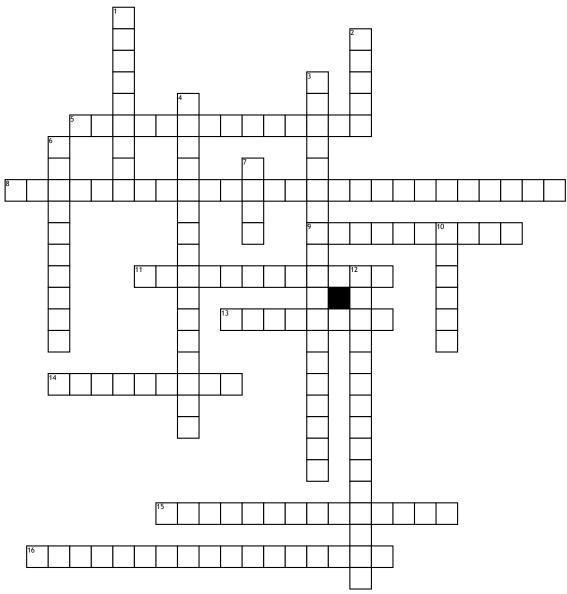
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## Welding



## **Across**

- **5.** \_\_\_\_\_ are enlarged views of some special features of a building, such as floors and walls.
- **8.** Almost all construction drawings today are made by\_\_\_\_\_\_.
- **9.** Also called site plans, or survey plans, \_\_\_\_\_show the location of the building from an aerial view, as well as the natural contours of the earth.
- 11. \_\_\_\_\_are solid or dashed lines showing the elevation of the earth on a civil drawing.
- 13. A \_\_\_\_applies scientific principles in design and construction.
- **14.** An element of architectual drawings, \_\_\_\_\_\_refers to the height above sea level or other defined surface.

- **15.** A usually has a arrowhead at both ends, with the measurements written near the middle of the line.
- **16.** \_\_\_\_\_\_\_,which show the design of the project, include many parts, such as they floor plan, roof plan, elevation drawing, and section drawing. **Down**
- **1.** A \_\_\_\_\_\_is a qualified, licensed person who creates and designs drawings for construction projects.
- 2. Schematic drawings called\_\_\_\_\_\_ show all the equipment, pipelines, valves, instruments, and controls needed to operate a piping system.
- 3. \_\_\_\_\_\_\_, together with the set of specifications, detail what is to be built and what material are to be used.

- **4.** A\_\_\_\_\_\_is a side view that shows height.
- **6.** To do accurrate work, you need to know whether the \_\_\_\_\_\_measure to the exterior or the interior of the object.
- 7. Structural plans may show this large, horizontal support made of concrete, steel, stone, or wood.

  10. The defines the
- **10.** The \_\_\_\_\_ defines the symbols used in architectual plans.
- 12. \_\_\_\_\_\_\_, or engineered drawings for electrical supply and distribution, includes location of the electrical meter, switchgear, and convenience outlets.