

Red Dot Buildings Glossary

For your convenience, the team at Red Dot Buildings has compiled all the terms we use in reference to our services:

- **Allowance(s)** – An allocated sum of money in a construction contract for items not specified in the contract, such as an underlayment material for tile flooring or an electrical allowance for fixtures.
- **Architectural Drawing** – A drawing that depicts the plan and/or elevation views of a proposed building to showcase its overall appearance.
- **Bill of Materials** – A comprehensive list of every part number or description of materials and assemblies to be shipped for a project.
- **Building Code** – The minimum legal requirements set by governing agencies that cover all types of construction.
- **Building Permit** – A written authorization issued by the relevant governmental authority that allows construction to commence on a specific project in accordance with approved drawings and specifications.
- **Circuit Breaker** – A switch-like device usually located in the circuit breaker box or electrical breaker panel. Its purpose is to shut off the power and limit the amount of power flowing through a circuit, measured in amperes.
- **Collateral Loads** – The weight of additional permanent materials, such as sprinklers, mechanical and electrical systems, ceilings, and partitions required by the contract, aside from the Building System.
- **Column** – A vertical main member used in a building to transfer loads from trusses, main roof beams, or rafters to the foundation.
- **Cross Section** – A depiction of a building structure from the side that shows what it would look like if cut in half on a vertical plane, revealing internal components that would not otherwise be visible.
- **Dead Loads** – The weight of all permanent construction materials in a building, such as roofing, floor, framing, and covering members.
- **Downspout** – A conduit used to carry water from the building's gutter.
- **Fabrication** – The manufacturing process performed in a plant to convert raw material into finished Metal Building System components,

including cutting, cold forming, punching, cleaning, welding, and painting.

- **Facade** – An architectural treatment that partially covers a wall and usually conceals the eave and/or rake of the building.
- **Fascia** – A decorative panel or trim protruding from a wall's face.
- **Flashing** – A metal component used to cover the juncture of two planes of material.
- **Footing** – A pad or mat, often made of concrete, located under a column, wall, or other structural member, used to distribute loads into the soil.
- **Foundation** – The substructure that supports a building or other development.
- **Galvanized** – Steel that is coated with zinc for corrosion resistance.
- **Grout** – A mixture of sand, cement, and water used to fill cavities or cracks, sometimes applied under leveling or base plates to attain more uniform bearing surfaces.
- **Gutter** – A light gauge metal member designed to direct water from the roof toward a drain.
- **Installation** – The process of assembling fabricated Metal Building System components on-site to create a completed structure.
- **Insulation** – Any material used in building construction to reduce heat transfer.
- **Metal Building System** – An integrated set of interdependent assemblies and components that constitute a building.
- **Millwork** – Finished wood building materials manufactured in millwork plants, including window and door frames, doors, mantels, blinds, panelwork, moldings, stairway components, and interior trim, but not including flooring, ceiling, or siding.
- **Retrofit** – The process of placing new metal roof or wall systems over deteriorated roofs and walls.
- **Screw Down Roof System** – A roof system comprised of panels connected directly to the roof substructure with fasteners.
- **Stud** – A vertical wall component used to attach external or internal materials, such as coverings or support structures.
- **Truss** – A construction consisting of three or more members, each designed to support a tension or compression force, which then acts as a unified beam.

Contact Red Dot Buildings Today

At Red Dot Buildings, we take pride in offering exceptional construction services throughout Houston, DFW, Austin, San Antonio, and Oklahoma City. Our team of experts is committed to delivering high-quality and efficient building solutions tailored to our clients' specific needs. Whether you need a custom metal building, a pre-engineered metal building, an industrial commercial building, or a hybrid structure, we have the experience and expertise to get the job done right. We invite you to contact us to schedule a consultation with one of our experts and let us help bring your vision to life.