

6 TYPES OF CONSTRUCTION DRAWINGS



01. Architectural Drawings

Often referred to as the "lead" drawings, these provide a comprehensive technical representation of the building project. Developed using precise lines, projections, and scales, they define the overall design and spatial organization. This set typically includes the site plan, floor plans, interior and exterior elevations, building sections, roof plans, and detailed enlarged plans.

03. Electrical Drawings

These drawings detail the electrical infrastructure, including the precise locations of switches, light fixtures, and distribution boards. They also encompass load calculations, wiring layouts, circuitry paths, and specific power requirements for heavy equipment such as HVAC units and water heaters.

05. Mechanical Drawings

Mechanical drawings convey the design, size, and location of HVAC (Heating, Ventilation, and Air Conditioning) systems. They specify ductwork layouts, thermostat locations, and air diffuser placements. These drawings are essential for ensuring proper climate control, ventilation, and air quality throughout the building.

02. Structural Drawings

Prepared by structural engineers, these drawings serve as the "backbone" of the building. They contain critical information regarding the structural framework and integrity of the project. This includes detailed specifications for materials (such as steel grade or concrete strength), construction standards, and reinforcement techniques required to safely execute the build.

04. Plumbing Drawings

Plumbing drawings illustrate the layout of the sanitary piping and water supply systems. They map out the path of all piping, the location of fixtures, and the specific connection points for drainage and supply lines to ensure a functional and code-compliant system.

06. Finishing Drawings

These drawings illustrate the final aesthetic details and the building's ultimate appearance. Finishing drawings provide specific instructions for all interior and exterior surfaces, including paint colors, flooring patterns, plaster textures, decorative elevation treatments, and false ceiling designs.

