

# Design & Drafting

## Drafting Services

Engineering drafting services can range from support of drawing updates to providing skilled personnel with on-site experience for as-built electrical drawings.

Our draftspeople are often involved in projects at a variety of installations concurrently, so are accustomed to adapting to different drafting standards quickly and easily. Think of our production staff as an extension of your own drafting department.

Although we specialize in electrical Drawings i.e., single-line diagrams, schematic diagrams, wiring diagrams, equipment installation drawings, substation protection and control, we can manage the upgrade of virtually all types of drawings and drawing formats.

### **Manual to AutoCAD Conversion**

Services include the conversion of existing hard copy archival drawings into AutoCAD and DXF files. The hard copy documents are manually drafted into CAD to match the original sheets. All CAD files are drafted at full-scale and are dimensionally accurate.

We also have extensive expertise in AutoLISP and AutoCAD programming.

### **Why Convert Paper Drawings to CAD?**

While CAD systems have become common place in most engineering offices, the integration of manually created drawings with the CAD system is a large problem for many industrial facilities. Manual to CAD conversions offer significant advantages over scanning old drawings or manually maintaining drawings on paper, by providing significant cost savings, increased drawing value, and improved overall drawing management efficiency.