

## Electrical, Power and Lighting System Plans - Electrical CAD Design Details

*Mechanical Electrical Plumbing offers electrical design, electrical CAD design and details, Power and lighting system plans for your building electrical designs.*

**Sept. 29, 2010 - [PRLog](#)** -- Do you need cost effective electrical engineering design, electrical cad design and details, electrical CAD drawings for your residential or commercial building electrical lighting system design?

At Mechanical Electrical Plumbing, we specialize in electrical design, electrical cad design, electrical lighting system design, electrical transformer design, electrical power system design, electrical power transformer design, electrical power distribution design, autocad electrical drawings and electrical shop drawings buildings electrical lighting plans.

We have expert team of electrical design engineers with excellent technical skill sets and technical acumen with cutting edge technology. We work on electrical 2D drafting and designing projects, preliminary and conceptual projects by providing high precision and time bound services.

Electrical Power and Lighting System Plans include:

- Lighting Load Estimations
- Determining feeders for Lighting Panel
- Light Fixture Layout Designing
- Calculating the lux levels
- Worst-case egress lighting estimation
- Lighting distribution panel and emergency panel designing
- Switchgear sizing
- Determining the size of transformer for lighting distribution system.
- Determining the main transformer requirements, size of generator, HV equipments, metering and protective switchgear requirements, cable trays, trenches their optimum path, cable and wire sizing, one line diagram for distribution system

The softwares used by us are AutoCAD, Input formats, AutoCAD files (dwg, dwf & dxf), Images like TIFF, JPEG, PDF files, Scanned Images and Hand Drawn Sketches.

Our Electrical Design Services Cover:

- Residential Buildings,
- Commercial Buildings,
- Substation,
- Electrical rooms,
- Hospitals,
- Educational Institutions,

We fulfill the electrical design outsourcing needs of small firms and as well as individual needs of architects, developers, consulting engineers, contractors, etc. Big and small projects are equally important to us whether be it in simple drafting form or in 2D drafting.

To know more about electrical cad design and details please visit at

<http://www.mechanical-electrical-plumbing.com/electrical-...>

To get free instant quote, please email us at [info@mechanical-electrical-plumbing.com](mailto:info@mechanical-electrical-plumbing.com)

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Mechanical Electrical Plumbing – MEP is a professional engineering company which provides mechanical, electrical, plumbing engineering and MEP BIM modeling services at affordable rate.

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