**CAD Technician**

Assist the Power Systems Design Engineers in delivering electricity infrastructure design drawings, from concept to as-laid records

Prepare 2D CAD electrical design drawings for new electrical power systems projects consisting of:

Geographic High Voltage cable routes
Geographic drawings showing the location of existing utility infrastructure
Multi-core electrical wiring diagrams
Electrical schematic diagrams
Single Line Diagrams
Substation layouts

Undertake Utility searches, Adopted Highway Searches and Legal Searches to assist with the creation of cable route drawings and Legal plans

Produce as laid drawings from site survey information

Produce site layout drawings with setting out coordinates

Ensuring drawings are accurate, compliant and delivered within agreed timescales

Offer full drawing support to clients and the design team

Always provide a high level of customer service to both internal and external clients

Maintain a drawing record database

Maintain best practice in undertaking drawings

Training will be provided to meet the company’s drawing and reference standards