**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