



# Consultancy Drawings

**Premier Energy's CAD drawing services provide the best level of design information available.**

## OVERVIEW

We have developed our services drawings over decades. Whilst there will always be changes we do endeavour to plan the utilities according to NJUG requirements and coordinate with other consultants' information such as drainage and landscape requirements.

To complement our New Connection and Diversion services we provide a range of drawings to meet your needs.

## EXISTING SERVICES DRAWING (ESD)

- Taking either the DWG information from our PALM product or drawing the utilities directly on a topographical drawing.
- Using features on the topo we create a drawing that reflects the asset maps as closely as possible without actually doing a CAT scan/GPR survey
- If asset maps of private plant are available we can also add these to the ESD.

## COMBINED SERVICES DRAWING (CSD)

- Provide a service strip, road crossing ducts or even a pre-quotation utility design proposal at an early stage to assist with the groundworks tender package.
- The CSD shows the proposed diversions, points of connection, routes of mains, service connections into properties (including types of metering), road crossing ducts and ducts into buildings.
- Routes of mains and services are coordinated with drainage proposals to avoid any clashes with other constraints such as tree roots.
- We can add street lighting connectivity to the CSD based on designs provided by others.

## INTERNAL SERVICES DRAWINGS (ISD)

- Where an M&E consultant is not appointed due to the low complexity of a block of flats, we can provide a route planning service.
- Your M&E contractor should have sufficient information to offer a design and build service from the information provided.
- Our drawings show routes of services through communal area floor plans, elevations and sections, plus duct entry into buildings.

## FEATURES

- Drawings produced at scales to suit the project but typically 1:200 on A0 or A1
- For ISD scales are typically 1:50 or 1:20 on A0 or A1
- Client to provide topographical survey and drainage layouts along with building and landscape plans

FOR FURTHER INFORMATION OR TO TAKE THE NEXT STEPS, PLEASE CONTACT US