

PLP Smithywood, Sheffield

Client: PLP | J F Finnegan

Project Consultant: Knight Webb

The Development: A strategic logistic site with a total GIA of 342,710ft² over a 21.5acre land.

Start Date: November 2019

Completion: May 2020

Our Key Values

- Cost and time savings on S278 work utility diversion.
- S278 work management.
- Electricity HV/substation wayleave completion at least two months before service energisation date.
- Supported the client with pre-planning/land acquisition utilities feasibility studies to eliminate any risk to the proposed development.
- Design, installation and management of a full turnkey solution (end to end) for the client, involving DNO/IDNO HV/LV, MP gas, water and telecoms installations.
- Offered most competitive pricing.
- Working within client's expectations on service delivery.

Our Solution

Design, installation and project management of:

- S278 Work Utility Management with Northern Power Grid, Cadent Gas, Amey (Sheffield Council Street Lighting), and Openreach.
- 1no 11kV HV substation on site, with a total import load of 1MVA (LV), to be owned and maintained by an IDNO
- HV and LV cabling up to terminations in customers LV panels, complete with combined HV/LV earthing design and installation for a cold site.
- Supply bulk LV supply into customer's LV panel.
- MP gas with a peak load of 2.3MW.
- MDPE water service
- FTTP (1Gbps) data and telephone line connection.
- Outlet water, gas and sprinkler tank connections.
- Coordination of multidisciplinary engineering teams and personnel.
- Utility wayleave – negotiation and management