



Advanced Utilities Limited



Project Profile

HMP Featherstone 2

Client:
MOJ
Kier
BBESL

Location:
Featherstone,
Wolverhampton

Project Details:
New Prison
comprising 3 New
House Blocks and 14
support Buildings

Value:
£1,500,000.00

Duration:
12 Months

This high profile project was a logistical challenge which demanded high levels of planning with an emphasis on Safety as well as co-ordination between the vary many contractors on site.

Advanced Utilities Limited were employed by BBESL to provide new incoming Gas, Water and Electricity supplies onto the site. The project then involved the onsite distribution of services around site to feed the house blocks and ancillary support buildings.

The incoming Gas supply involved over 400m of external excavations and Medium Pressure pipework.

The incoming Water supply involved over 1000m of external excavations to enable the MCW and Fire supply to be made available onto site.

The incoming Electrical supply involved a new HV metered connection onto site from the Western Power Distribution network.

Onsite distribution included:

2No HV/LV package substations c/w HV cabling

Gas distribution included 450m of 250mm/180mm pipework

Mains Cold Water distribution included 2000m of MDPE pipework

Fire Main Installation included 2000m of MDPE Pipework

Rain Water Harvesting included 1000m of MDPE Pipework

Heating Main Installation included 3000m of Pre-insulated Alarmed Pipework

LV Distribution included the installation of 6000m of cable and 250 terminations