

Project: Time Square and Fountain of Warrington
Client: Warrington Borough Council
Contractor: Volker Highways
Consultant: Gillespies Landscape Architects/Warrington BC

Above and below ground distribution solutions for Warrington Borough Council.

Warrington Fountain (above ground distribution) – Charles Endirect Ltd was tasked by Warrington Borough Council to come up with a design for a distribution cabinet to replace an existing one. The Council asked us to produce a pre-wired unit, this meant all the internal components and wiring were in place and fully tested prior to installation which meant a quicker installation time on site and less disruption to pedestrians using the area.

Utilising our experience and expertise with bespoke work in this field, the cabinet was carefully designed to be as compact as possible whilst incorporating all the necessary components required by the client. Opting for a pre-wired distribution cabinet ensures all the components fit into the unit as the client requires, is tested as compliant by trained and experienced engineers, and saves installation time on site for the contractor.

The distribution cabinet is used to supply the electric water pumps, as well as the street lighting in the surrounding area. In addition, we were asked to include capacity to allow for Festive lighting supply, feature lighting and power to the Christmas tree.

Part of the specification was to ensure that the cabinet was at the same height as the fountain area making it inconspicuous when viewed from any other angle except head on.

The cabinet we designed was a three-door unit, one of the doors was fitted with a cable exit tray to allow for temporary external supply. The dimensions were 900mm high, 2000mm wide with a working depth of 380mm, large enough to contain all the necessary components yet still be compact. The cabinet was also fitted with lifting eyes for ease of installation and, as you can see from the image, the three-door unit, powder coated in black, sits adjacent to the steps and is in line with the height of the raised area so it cannot be seen from the opposite side and the slimline design makes it unobtrusive when walking around the raised fountain area itself.



Time Square project overleaf.

Charles Endirect

Ingenuity at work

Time Square, Warrington (below ground distribution) – The £142 million Time Square development has been designed to house a mix of leisure, retail, and dining experiences creating a vibrant place for residents and visitors alike. Large open spaces have been carefully landscaped to provide places for seating, outdoor dining, and events.

Traditionally the GIFAS in-ground unit is used to provide access to temporary electrical supply for spaces such as airports, docksides, street markets and areas where temporary events are held such as outdoor arenas, city squares and plazas. The robust stainless-steel housing and vulcanised rubber distribution board gives an extremely robust and safe means of supplying electrical power in these areas without having a permanent above ground unit. The GIFAS underground cabinets merge seamlessly into the landscape when not in use. The lid is design to accept matching material to the surrounding surface area so they can be filled with paving, tarmac, stone or even Astro turf.

In this case the same in-ground unit was used to house a solid rubber distribution board that is in turn being used to switch and control external lighting in the Time Square area. A simple, yet effective means of controlling street lighting without the need for the traditional distribution cabinet. This means the area remains uncluttered and open without any detrimental impact on the original landscaping design of the area.



If you would like more information about our bespoke design service, pre-wired distribution cabinets or in ground distribution units, please go to our website www.charlesendirect.com or contact us by e-mail or phone, details below.