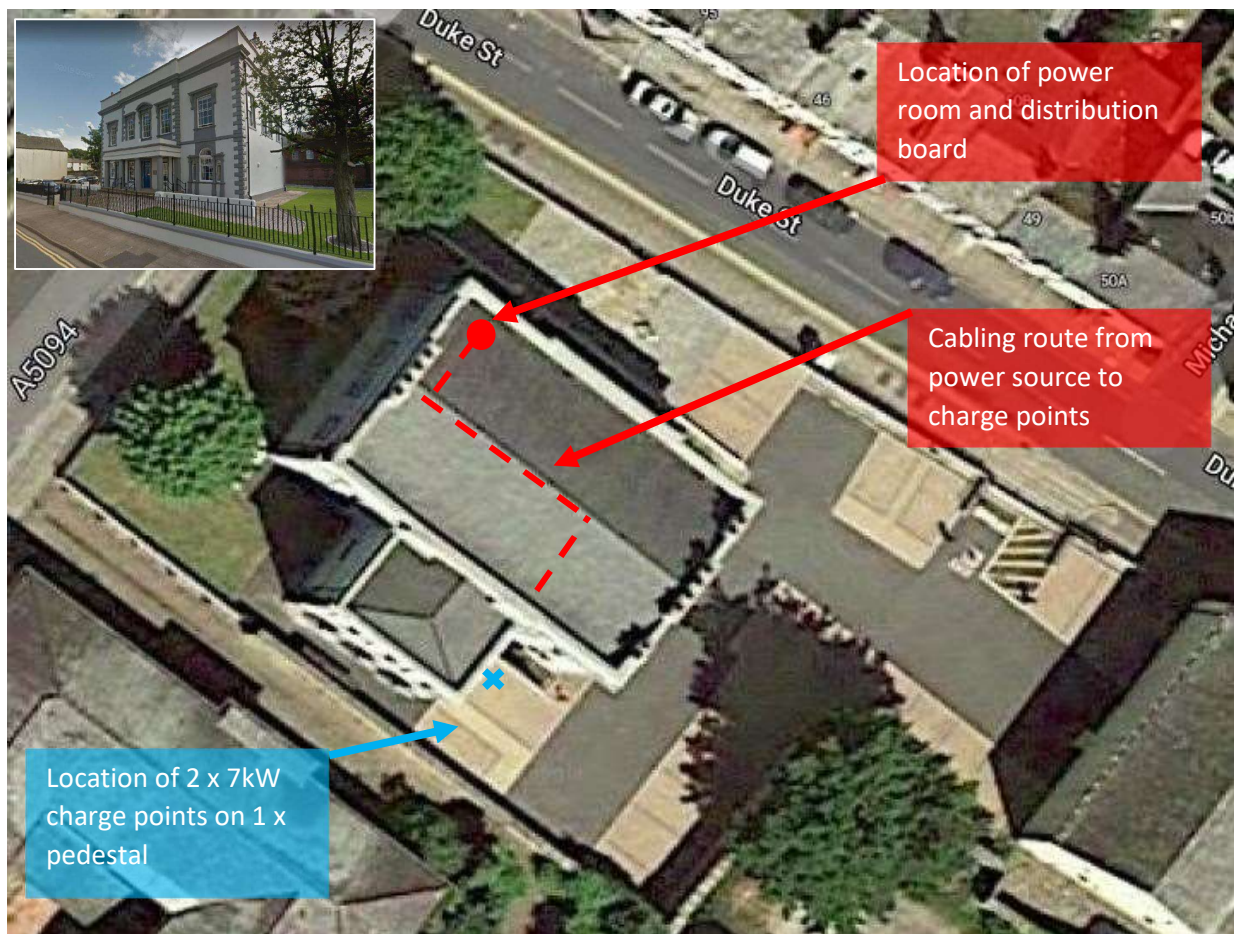


1. Site layout - Whitehaven

Please find below a layout of the listed building site illustrating the location of the power supply and charge points.



Scope of works

Please find below a summary of the works:

- New power cabling installed at high level, cleated to wall, from existing plant room throughout the basement area, taken through the rear door, and taken underneath the foundations of the safety rail so that no cabling is visible above ground
- Drill through the existing railing concrete foundation to feed into the underground ducting
- Undertake ducted cable trench through existing blockwork to location of 1 x dual 7kW charge point and all associated reinstatement works as per existing surface finishes
- Install charge points 2 off on free standing pedestal (Photo attached)
- Installation of a small enclosure inside the basement of building (wall mounted), ideally in proximity of rear basement door way (enclosure dimensions 500mm x 320mm x 230mm)
- Install protection barrier (as per attached photo – can be painted any colour)
- Testing and commissioning
- Handover and documentation

Methodology

Please find below a summary of the EV installation works which will be undertaken.



- New isolator will be required to be installed from existing tail blocks at the main power supply location as existing meters are only rated at 80A, as illustrated in *images 1 – 5*
- A new sub-main distribution cable will be required to be run from the distribution board illustrated in *images 4 and 5*
- Cabling will be cleated to the walls high level throughout the basement level, illustrated in *images 6-10*, for approximately 45m
- The cable will exit the building at the rear entrance and be clipped to the wall at that level, illustrated in *image 12*
- A Matt:e box will be located inside the building in close proximity to the rear door area (dimensions above)
- We will then drill through the railing concrete plinth, illustrated in *image 13*, and the cable will then be ducted underneath the blockwork to the charge point at the location illustrated in *image 13*. This will ensure that all cabling is not visible and buried to comply with listed building regulations
- 1x dual outlet 7kW charge point will be installed on 1 x pedestal