

Electric Vehicle Charging

Feasibility Study Result

Custodian Capital | Artur House | 6 x Solo 7kW Pod
Points

Quote Reference:2023-11-096073

FAO: Kailn Patel

Date: 28.11.2023

Expiry: 31.12.2023

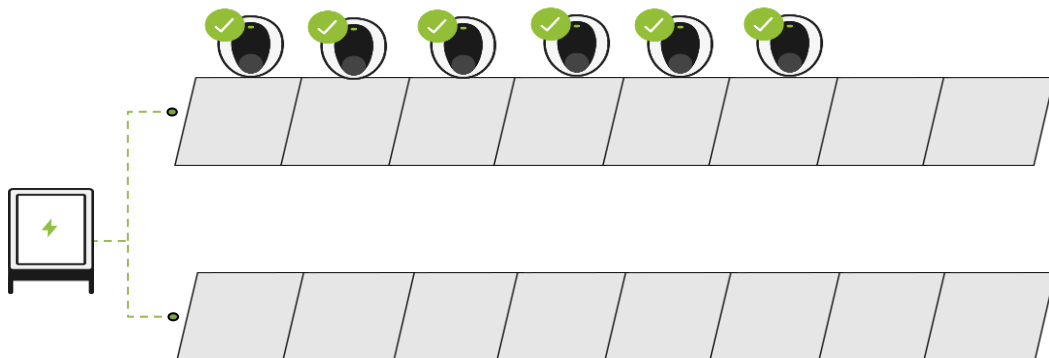


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Scope of Works for Custodian Capital | Artur House | 6 x Solo 7kW Pod Points



Important Notes & Client Responsibilities

Note 1: Our quote is based on the assumption that the existing site electrical installation is compliant with wiring regulation BS7671 and electrical certificates are available.

Note 2: Please Note that we recommend that a surge protection should be installed at the source of supply in order to be fully compliant with wiring regulation BS7176:2018 - Amendment 2: 2022.

Note 3: Our quote is based on the assumption that all electrical works including shutdown are to be carried out during normal working hours, if this is not the case then this quote will be subject to cost variation.

Note 4: Our quote is based on the assumption that there is sufficient capacity for the EVCP installation, if this is not the case then this quote will be subject to cost variation.

Note 5: Our quote does not include for fire stopping reinstatement.

Note 6: Our quote is based on the assumption that no asbestos will be disturbed in any areas of the installation works, if this is not the case then this quote will be subject to cost variation.

Site Responsibility

- Site Client to clear the parking bay area concerned by the works.
- Site Client to provide full access for cabling works.
- Site Client to provide an energy report in kW or kVA in order to confirm the maximum peak demand and the maximum power capacity made available by the DNO for the premises.
- Site Client to provide asbestos register for areas where installation works are required.
- Site Client to reinstate any fire seals break done by Pod Point.

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Pod Point Managed Installation Responsibility

Groundworks

No Groundworks have been allowed for in this proposal.

Pod Point Electrical

Electrical Distribution

- Electrician to notify client of proposed shutdown time for the LL/DB.

6 x Solo 7kW Units

- Install up to 80m of 225mm HDG cable tray along proposed route to EVCPs.
- Run 80m SWA cable (10mm/3 core) from the LL/DB to EVCP by utilising existing and new containment.
- Cable runs 2x40m.
- Run 209m SWA cable (16mm/3 core) from the LL/DB to EVCP by utilising existing and new containment.
- Cable runs 49,50,55,55m.
- Run 129m data cable (7-2-2C LSZH) from the LL/DB to EVCP by utilising existing and new containment.
- Cable runs 40,40,49m.
- Install the EVCPs on the wall and terminate cable.
- Install x6 SP 40A MCB into the LL/DB.
- Install x6 2 pole 40A RCD 30mA Type A in a separate enclosure and connect the EVCP cable.
- Install 3x CT rings within LL/DB for fuse saver load management.

Completion

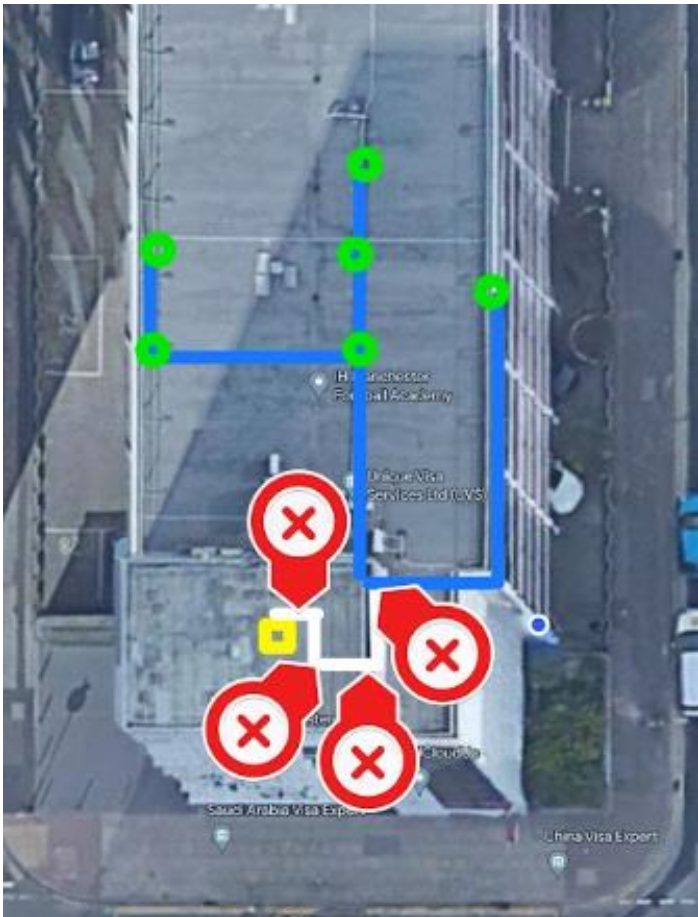
- Test and commission each EVCP.
- Validate 3-year Warranty.
- Handover the installation to the Client.

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Proposed Install Location and Routes



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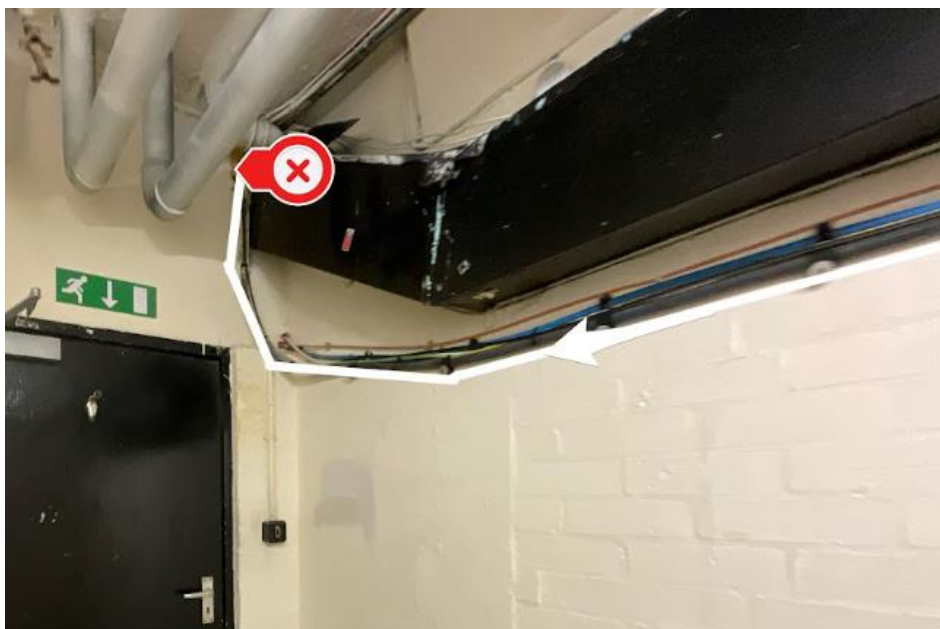
Proposed Install Location and Routes



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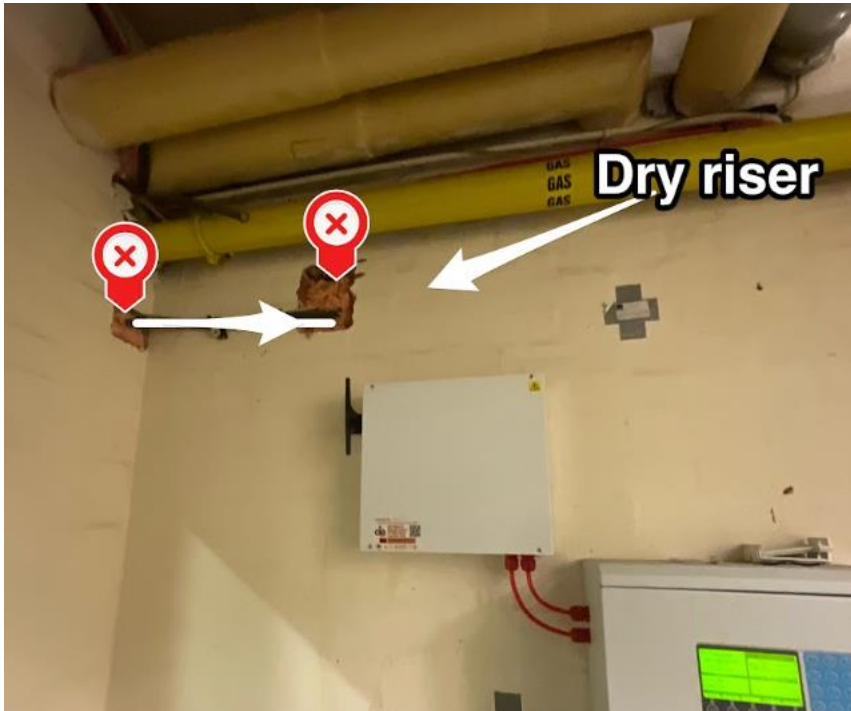
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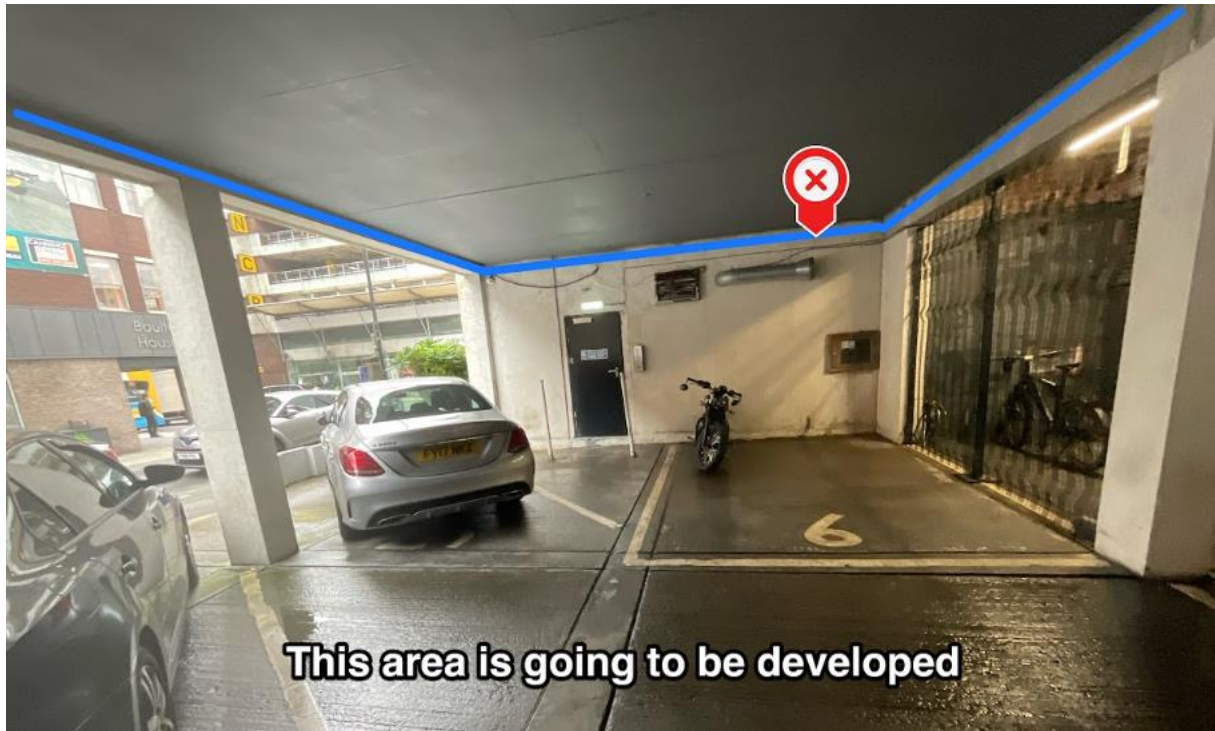
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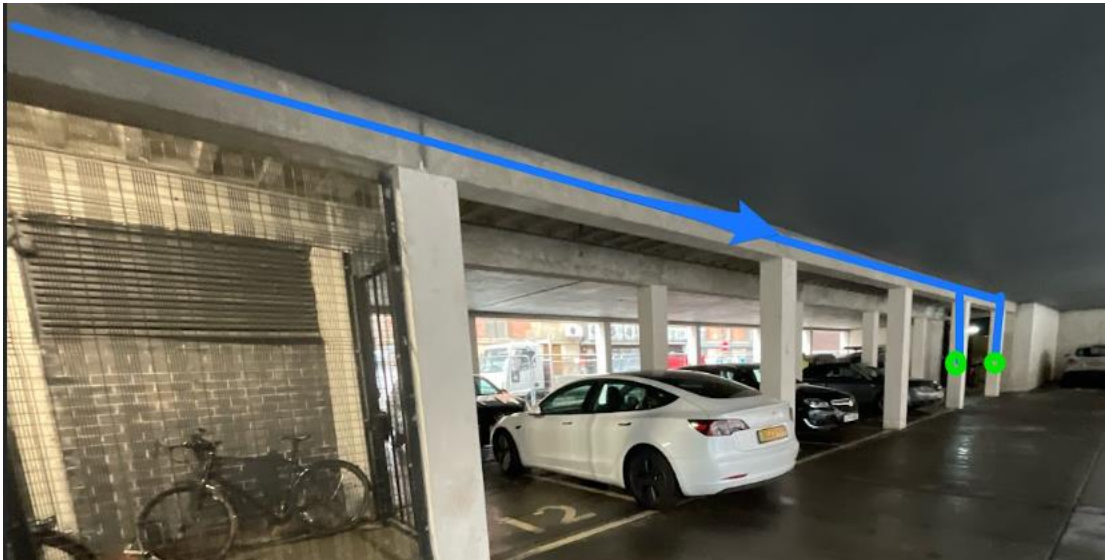


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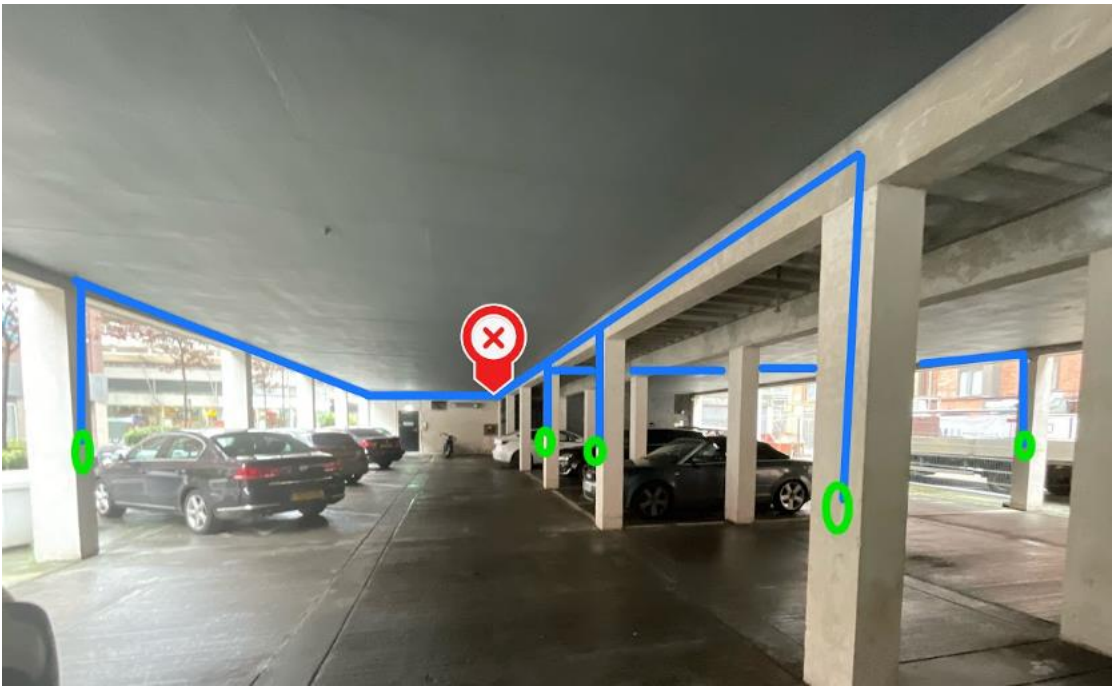


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Travel shouldn't
damage the earth