

Pod Point

Electric Vehicle Charging

Manchester City Football Club

3 Locations

pod POINT



Our story



We believe travel shouldn't damage the Earth



So we're helping people adopt clean transport in their everyday lives



We're doing this by building a network of intelligent charging points across the UK since 2009

2009

Founded

2020

EDF Acquisition

2021

Listed on London Stock Exchange

2022

1.4 Billion miles of electric Vehicle provided

2023

8,500+
Public charging bays
195,000+
Charging points shipped

A photograph showing a row of Pod Point EV charging stations installed in a parking lot. The stations are black, sleek, and modern, with the Pod Point logo visible on each. They are situated along a paved area with a concrete curb and some landscaping. In the background, there is a green fence and some trees.

Pod Point Hardware

EV Chargers and Array Board

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Load Balanced Charging System

Electrical capacity is a key consideration, and needs must be met now and in the future. Our Array Load Management System allows for future expansion and the maximum number of charging bays to be installed on a limited Supply.

Without Load Balancing Solution

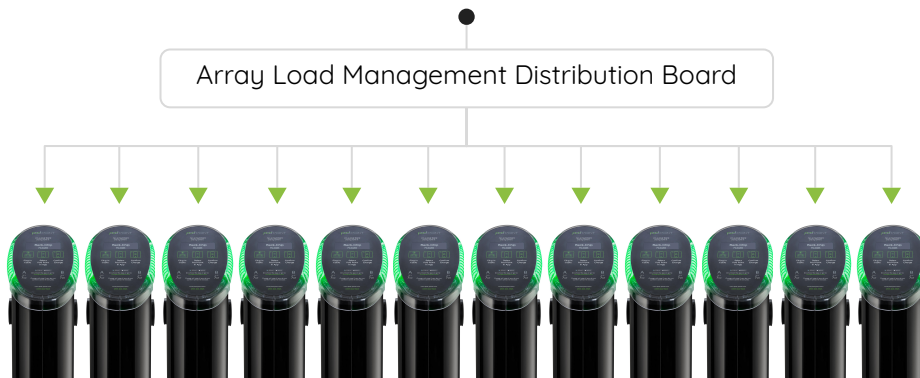
100 Amp Three Phase Supply



- Maximum 4x Twin 7kW can be installed
- Static charging rates set at 7kW
- New supply required to add further units in the future

With Load Balancing

100 Amp Three Phase Supply



- Dynamic charging rates based on how many vehicles are plugged in at any given time.
- No queuing system required with bays readily available.
- Ideal for charging throughout day/night for vehicles operating on overlapping shifts, and stationary for extended periods of time.
- Ringfences a dedicated supply for EV Charging to facilitate future expansion

Installation Process

Scope of Works

Academy Car Park

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Scope of works - Managed Installation

2 x 7kw Twin Units

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 have included for a Type 2 surge protection device with our EV Distribution Board - we recommend that a surge protection should also 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 the ground type is consistent through the planned trench depth. If the ground type is different underneath the surface assessed during our survey, this quote will be subject to cost variation.

Note 4: This project requires the appointment of a Principal Designer/Principal Contractor. CDM regulations stipulate it is the client's responsibility to appoint these roles. We have not currently included for this in our cost, however if appointed, we will provide additional line item cost for these.

Site Responsibility

- Site to provide max demand in kW or kVa via smart meter or energy report for the pictured DB.
Site to provide drawings of the existing services on site in order for Pod Point to make a high level assessment of the feasibility of using the existing ducting. A ducting site survey will be required in order to confirm viability of the existing infrastructure.
- Site to confirm that the lamppost is connected to the building earthing system. Alternatively, Pod Point may have to propose an alternative solution to comply with wiring regulations BS 7671 18th Edition
- Site to clear the parking bay area concerned by the works.
- Site to provide full access for cabling works.

Pod Point Responsibility

Ground Works

- CAT scan entire cable route.
- CAT scan the area beneath the units for fixing purposes.
- Trench approx. 18m at 450mm depth through compact verge.
- Prepare 2 concrete bases for the EVCP's.
- Lay 20m of 110mm twinwall conduit in trench.
- Reinstate trench and make a good area.

Electrical Works

- **Note** - EVCP communication type required: 3G

Electrical distribution

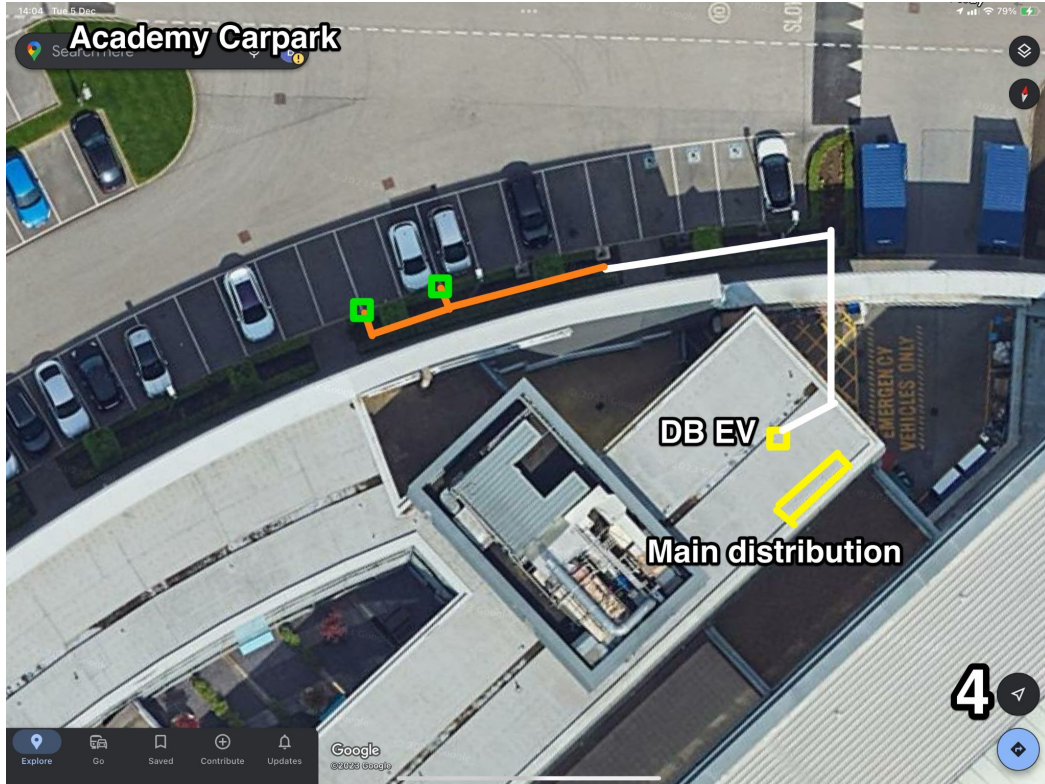
- Electrician to notify client of proposed shutdown time for the pictured DB.

EV Charging points

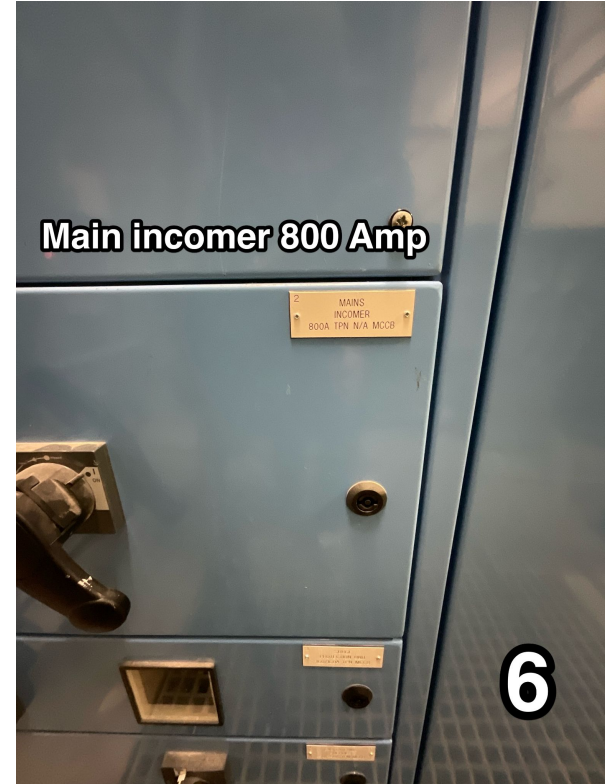
2 x 7kw Twin Units:

- Run 50m SWA cable (16mm/5core) from the EVDB to EVCP 1 through ducting.
- Run 55m SWA cable (16mm/5core) from the EVDB to EVCP 2 through ducting.
- Replace existing cabling for the existing EVCP's (20m, 26m, 32m, 38m & 44m).
- Install the EVCP's on concrete by using the surface mount plate and guard rail for protection in between the relevant parking bays and terminate cable.
- Install x2 TP 40A RCBO into the EVDB.
- Test and commission EVCP.
- Handover the installation to the client.

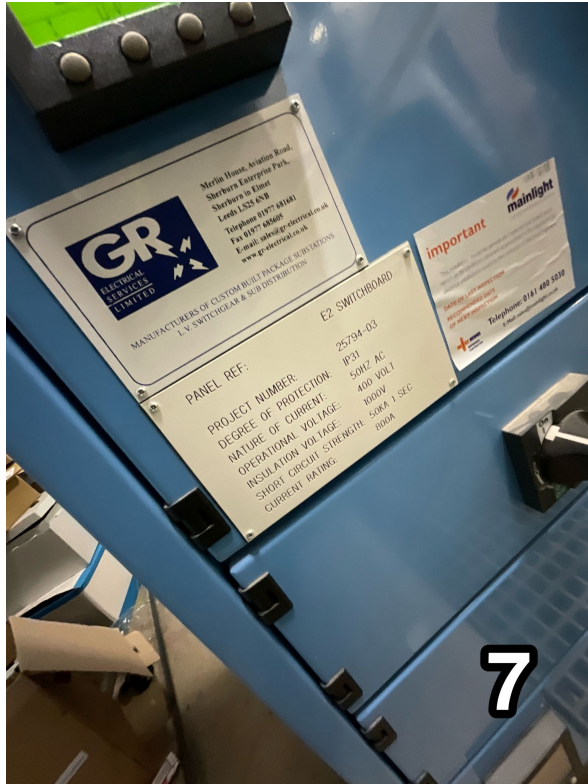
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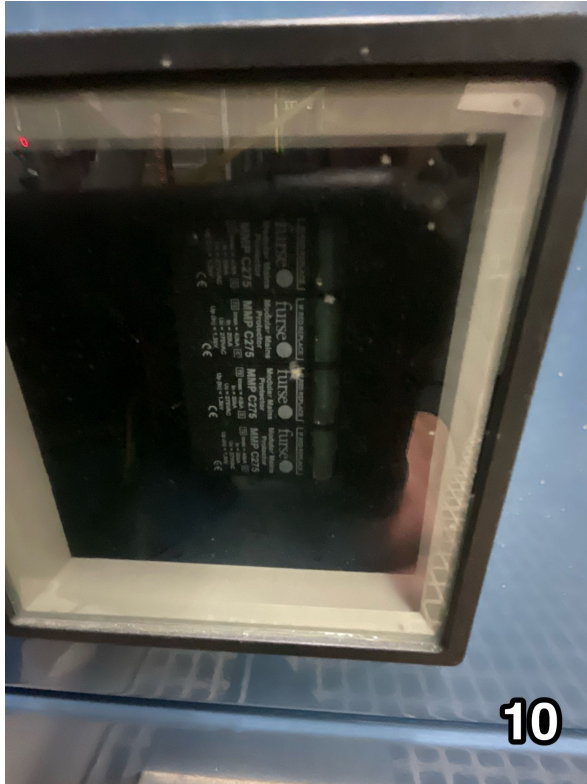
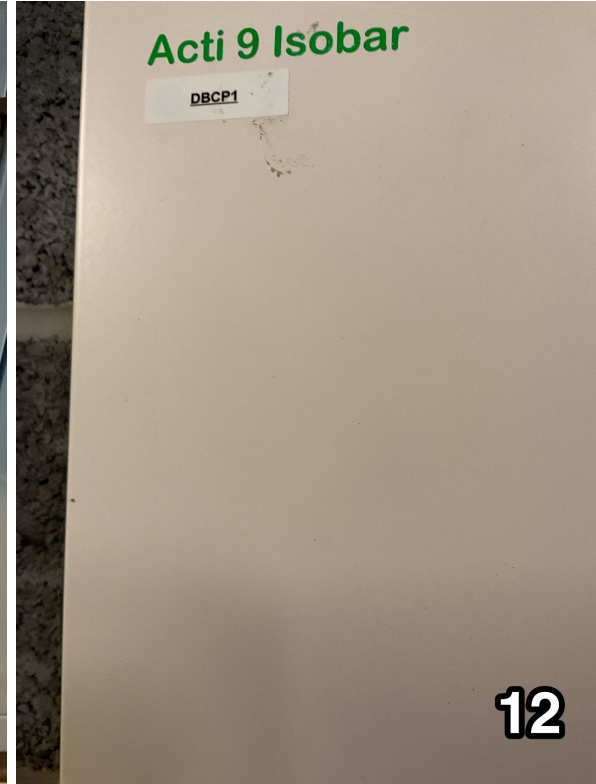
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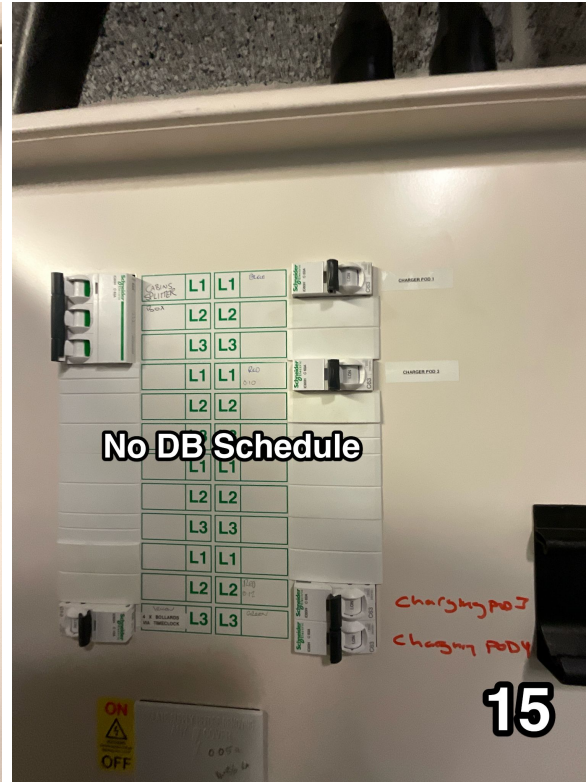
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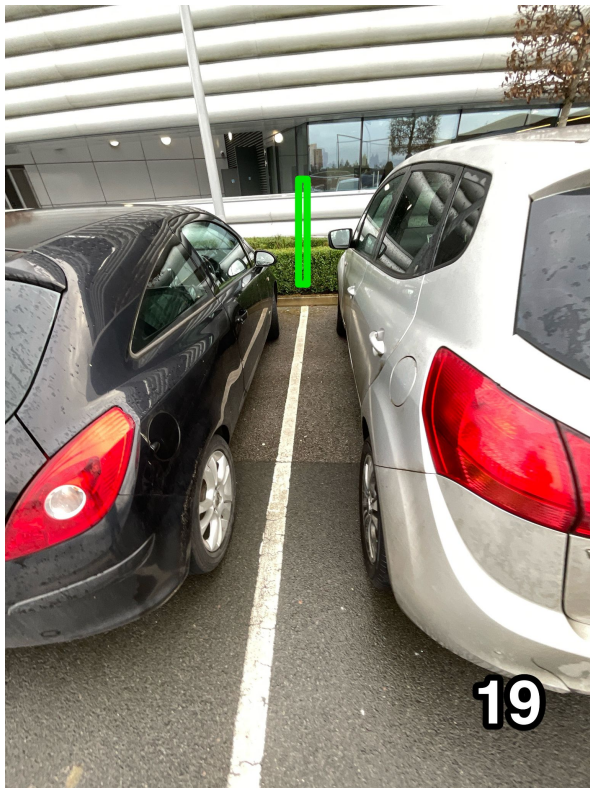
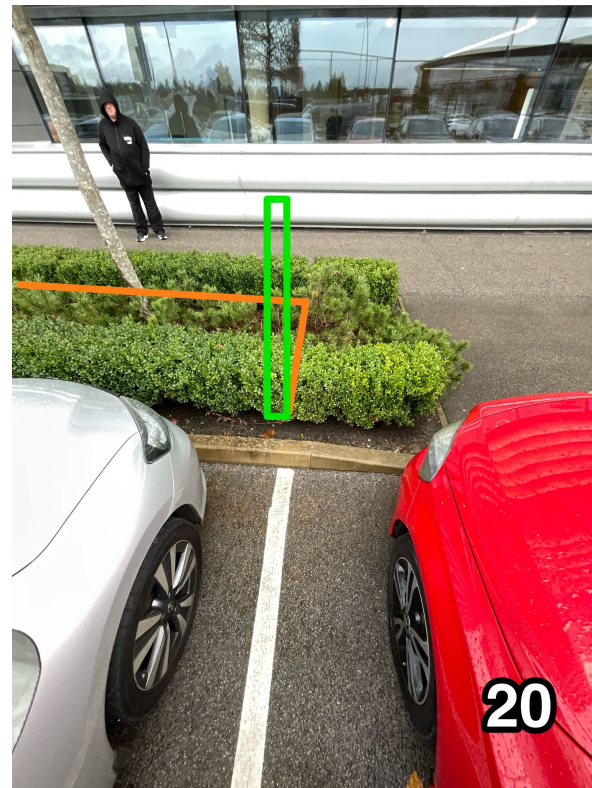
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Installation Process

Scope of Works

West Car Park

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Scope of works - Managed Installation

14 x 7kw Twin Units on 2 x 100A Array Boards

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: Our quote is based on the assumption that the ground type is consistent through the planned trench depth. If the ground type is different underneath the surface assessed during our survey, this quote will be subject to cost variation.

Note 3: This project requires the appointment of a Principal Designer/Principal Contractor. CDM regulations stipulate it is the client's responsibility to appoint these roles. We have not currently included for this in our cost, however if appointed, we will provide additional line item cost for these.

Site Responsibility

- Site to arrange with the DNO to install a new service head 200A in 3 phases 138kVA on PME earthing system in feeder pillar provided by Pod Point.
- Site to clear the parking bay area concerned by the works.
- Site to provide full access for cabling works.

Pod Point Responsibility

Ground Works

- CAT scan entire cable route.
- CAT scan the area beneath the units for fixing purposes.
- Trench approx. 70m at 450mm depth through soft verge.
- Prepare 14 concrete bases for the EVCP's.
- Prepare 1 concrete base for the feeder pillar (ET20).
- Prepare 4 450mm access chambers.
- Lay x2 80m of 160mm twinwall conduit in trench.
- Reinstate trench and make a good area.

Electrical Works

- **Note** - EVCP communication type required: 3G

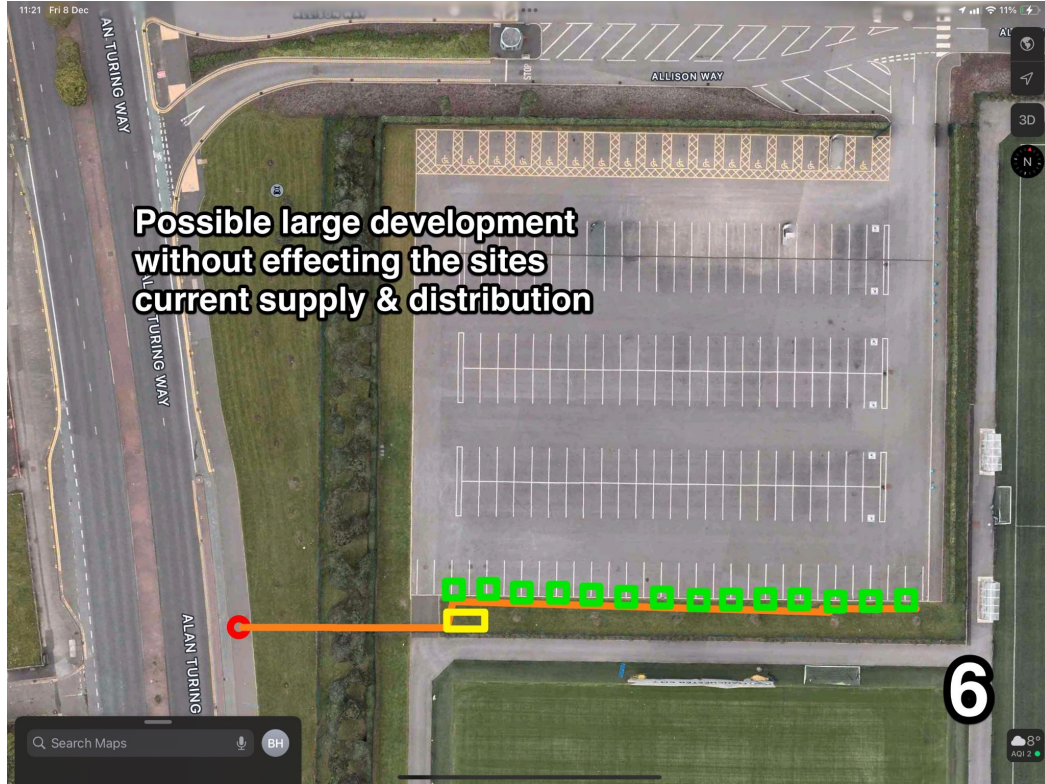
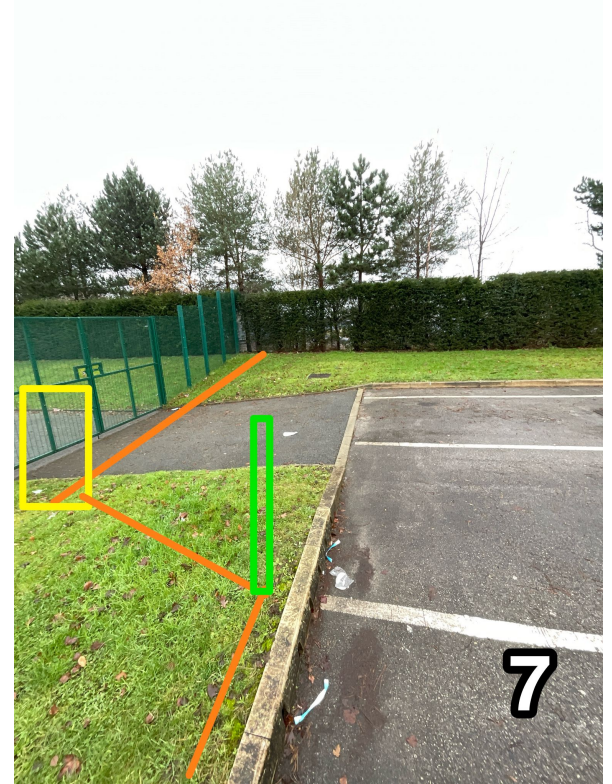
Electrical distribution

- Electrician to notify client of proposed shutdown time for the incoming supply.
- Install 2 new switch fuse 100A in the feeder pillar.
- Install 2 100A O:PEN Device in the feeder pillar.
- Install 2 new Array EV Distribution Board 100A TP with SPD Type 1&2 in feeder pillar.
- Run and connect x2 3m SWA cable (35mm/5core) from the new switch fuses to the new EVDB's.

EV Charging points - 14 x 7kW Twin Units on 2 x 100A Array Board:

- Run individual SWA cable (25mm/5core) from the EVDB 2 to EVCP 1 and EVCP 2 through ducting
- Run individual SWA cable (25mm/5core) from the EVDB 1 to EVCP 3 to EVCP 14 through ducting
- Install the EVCP's on concrete by using the surface mount plate and guard rail for protection in between the relevant parking bays and terminate cable.
- Install x24 DP 40A RCBO into the EVDB 1.
- Install x4 DP 40A RCBO into the EVDB 2.
- Test and commission EVCP.
- Handover the installation to the client.

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Installation Process

Scope of Works

Elite Car Park

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Scope of works - Managed Installation

2 x 7kw Twin Units on 100A Array Board & move existing 5 x EVCPs onto Array Board

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 have included for a Type 2 surge protection device with our EV Distribution Board - we recommend that a surge protection should also 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 the ground type is consistent through the planned trench depth. If the ground type is different underneath the surface assessed during our survey, this quote will be subject to cost variation.

Note 4: This project requires the appointment of a Principal Designer/Principal Contractor. CDM regulations stipulate it is the client's responsibility to appoint these roles. We have not currently included for this in our cost, however if appointed, we will provide additional line item cost for these.

Site Responsibility

- Site to provide max demand in kW or kVa via smart meter or energy report.
- Site to clear the parking bay area concerned by the works.
- Site to provide full access for cabling works.

Pod Point Responsibility

Ground Works

- CAT scan entire cable route.
- CAT scan the area beneath the units for fixing purposes.
- Trench approx. 22m at 450mm depth through tarmac and compact verge.
- Prepare 2 concrete bases for the EVCP's.
- Prepare 1 450mm access chamber.
- Lay 25m of 110mm twinwall conduit in trench.
- Reinstate trench and make a good area.

Electrical Works

- **Note** - EVCP communication type required: 3G

Electrical distribution

- Electrician to notify client of proposed shutdown time for the LV Panel.
- Install a new MCCB 100A into the LV Panel.
- Install 100A O:PEN Device.
- Install a new Array EV Distribution Board 100A TP with SPD Type 2 in proposed location.
- Run and connect 35m SWA cable (35mm/5core) from the new MCCB to the new EVDB.

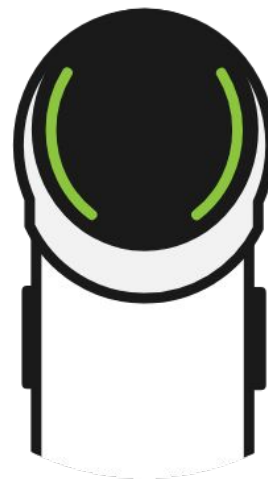
Scope of works - Managed Installation

2 x 7kw Twin Units on 100A Array Board & move existing 5 x EVCPs onto Array Board

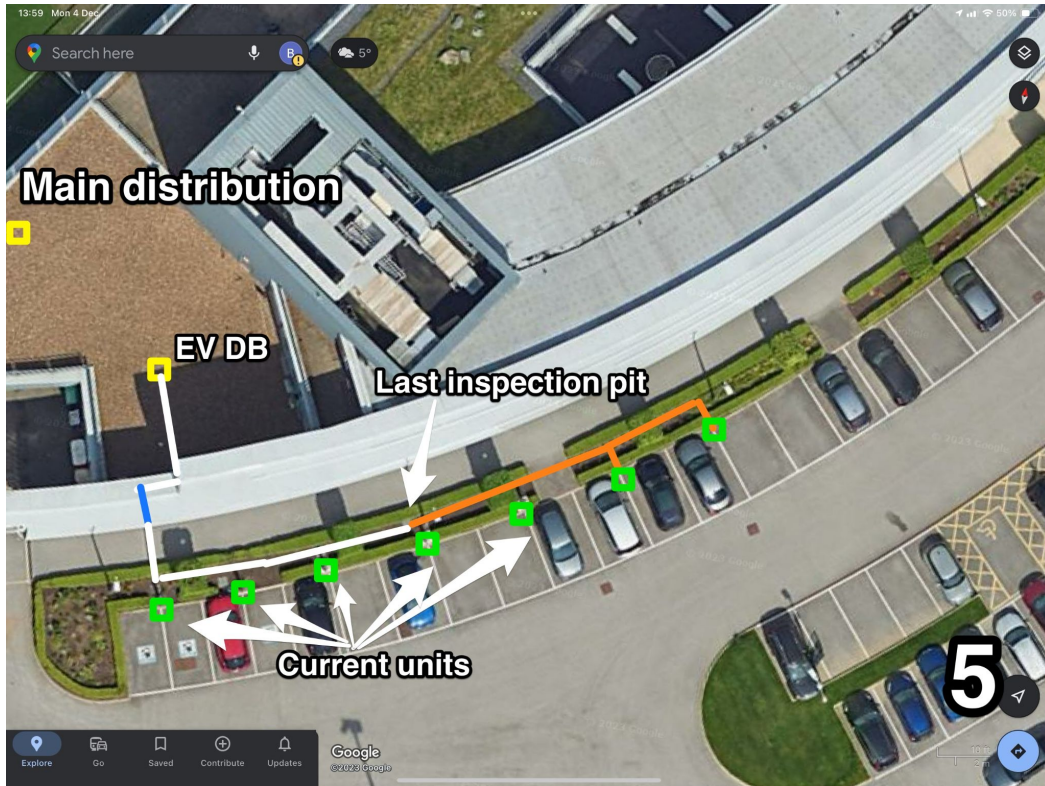
EV Charging points

2 x 7kw Twin Units:

- Install 4m of cable tray.
- Run 50m SWA cable (16mm/5core) from the EVDB to EVCP 1 through ducting.
- Run 55m SWA cable (16mm/5core) from the EVDB to EVCP 2 through ducting.
- Replace existing cabling for the existing EVCP's (20m, 26m, 32m, 38m & 44m).
- Install the EVCP's on concrete by using the surface mount plate and guard rail for protection in between the relevant parking bays and terminate cable.
- Install x14 DP 40A RCBO into the EVDB
- Test and commission EVCP.
- Handover the installation to the client.



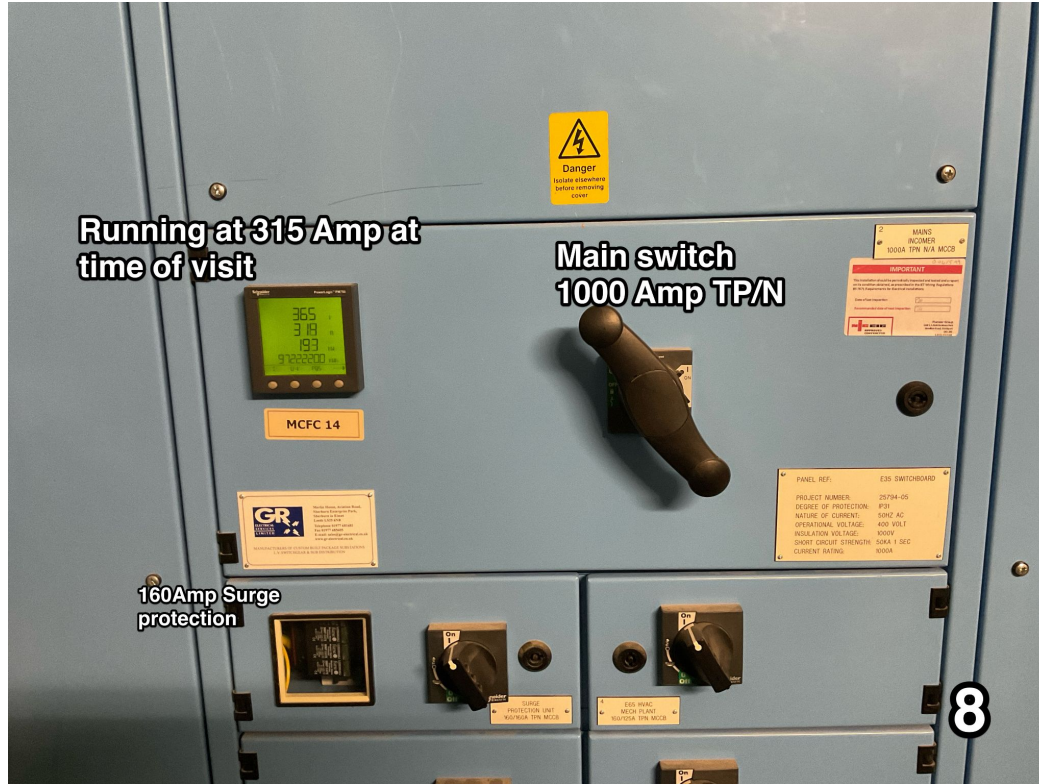
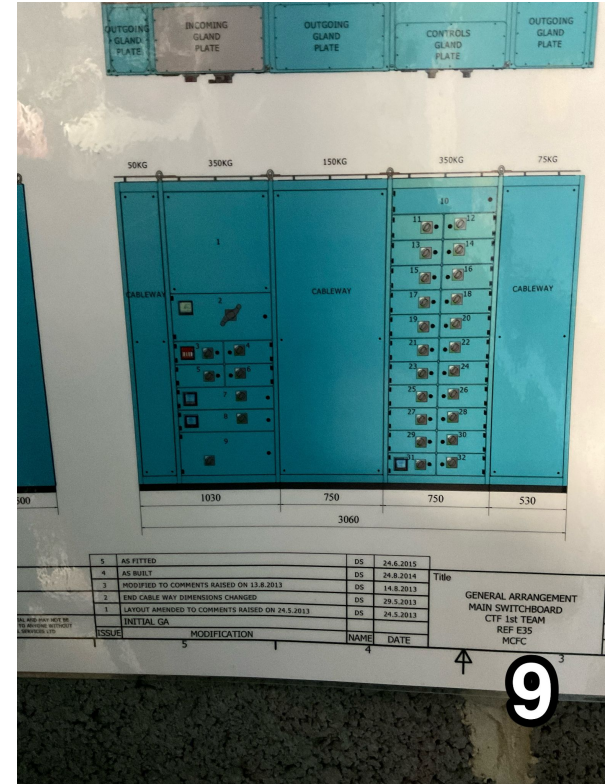
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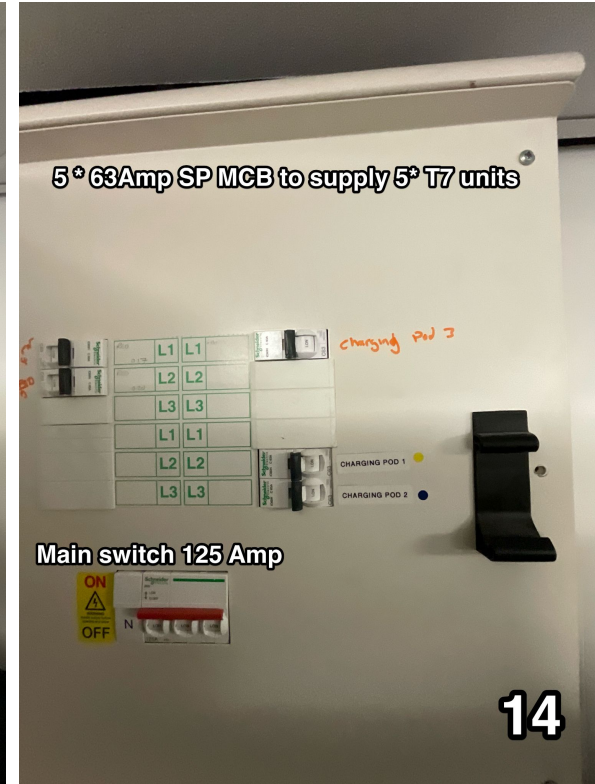


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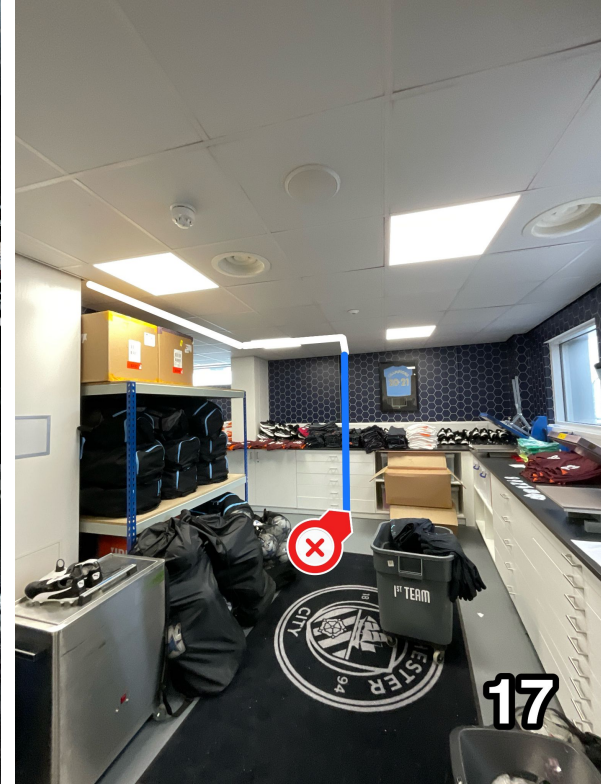
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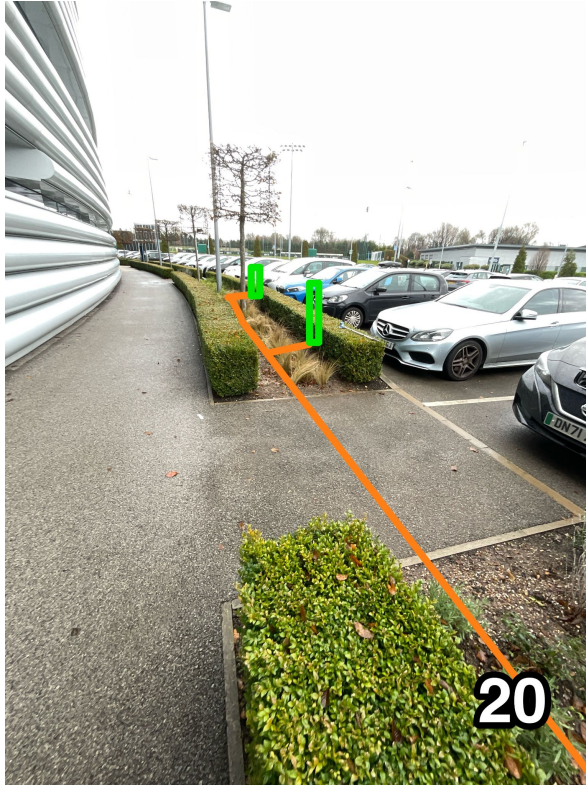
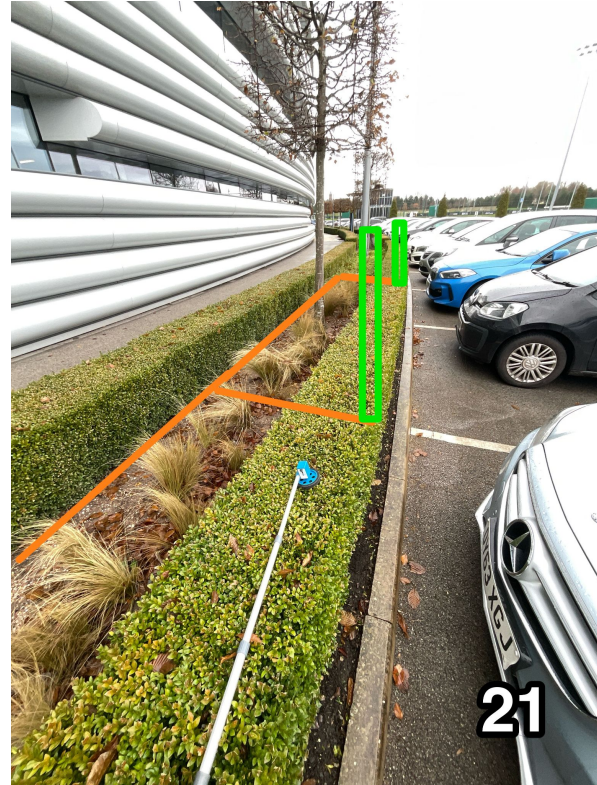
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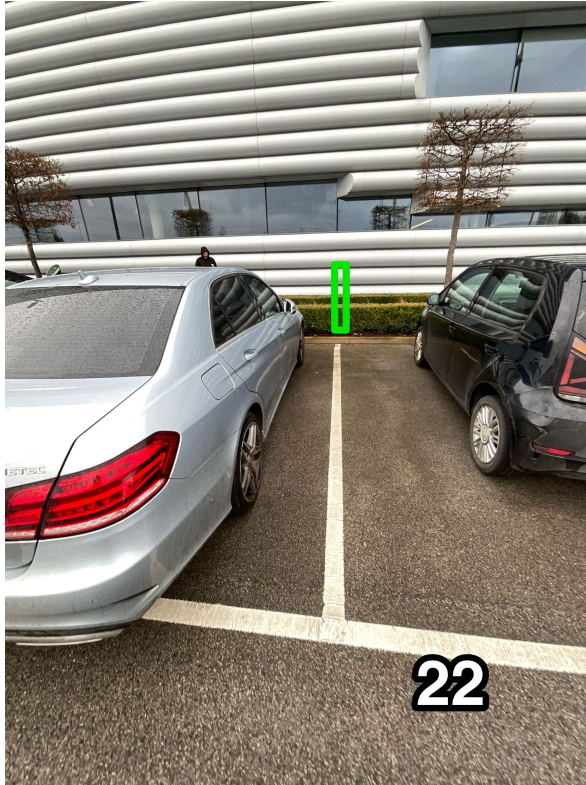
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Upfront & Ongoing Costs

Pod Point believe in transparent pricing to allow you to best consider future expansion projects. The table shows all elements with pricing including & beyond the initial three year period.

	Initial Sale	Year 2	Year 3	Year 4+
Commissioning	£50 per socket to a maximum of £500 per site	£0	£0	£0
Warranty	£0	£0	£0	£150 per socket or 2.5p/kWh (covers all call-outs, replacement parts, fixes and remote maintenance for 12 months)
Routine Maintenance	£0	£0	£0	
Reactive Maintenance	£0	£0	£0	
Data & Back-Office System	3 year data & back-office at £60 per socket p/a	£0	£0	£60 per socket p/a or 1p/kWh
PAYG Transaction Fee	1p/kWh	1p/kWh	1p/kWh	1p/kWh