SITE survey. APP

SITE SURVEY REPORT

EV Charger Site Survey

Prepared for	Harbour View Business Centre Ltd
Date	13 Oct 2026
Site	Harbour View Business Centre
Prepared by	D. Price

FORM

EV Charger Site Survey

1. Customer and site

Project	Harbour View Business Centre: workplace EV chargers (completed example)
Client	Harbour View Business Centre Ltd
Site	Harbour View Business Centre, staff car park
Site address	Unit 4, Harbour View Business Centre, Plymouth
Survey date	13 Oct 2026
Surveyor	D. Price
The customer	Business or workplace

> Workplace Charging Scheme. Up to £500 per socket towards chargepoints at workplaces, for up to 40 sockets across all sites, with funding confirmed until 31 March 2027.

Vehicle make and model	Staff and pool cars, mixed

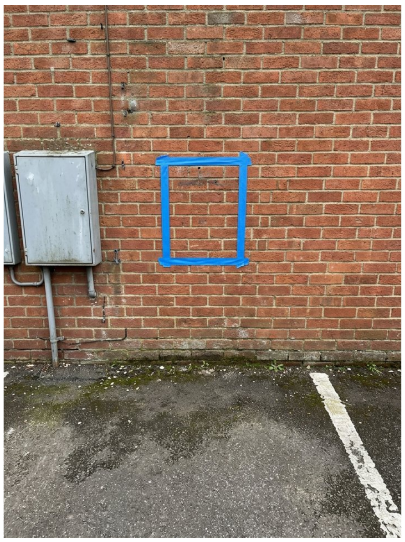
2. Parking and charger positions

Parking	Workplace car park

Proposed chargers 1: CP1, bay 2

Charger reference	CP1, bay 2
Proposed position	On the brick wall at the head of bay 2, 1.1 m to the bottom of the unit, next to the meter cabinet.
Charger position (GPS)	Head of bay 2 · 50.367318, -4.120652 (SX 49278 54085, ±4 m)
Mounting	Brick or block wall
Charger power	7 kW
Cable	Tethered
Cable run from the supply point (m)	6
Cable route passes through	Clipped outside
Wi-Fi or mobile signal at this position	Strong

Photos of the position and cable route



Proposed chargers 2: CP2, bay 3

Charger reference	CP2, bay 3
Proposed position	Same wall, head of bay 3, 2.4 m right of CP1.
Charger position (GPS)	Head of bay 3 · 50.367322, -4.120619 (SX 49280 54085, ±4 m)
Mounting	Brick or block wall
Charger power	7 kW
Cable	Tethered
Cable run from the supply point (m)	9
Cable route passes through	Clipped outside
Wi-Fi or mobile signal at this position	Strong

Proposed chargers 3: CP3, bay 9 (pool car)

Charger reference	CP3, bay 9 (pool car)
Proposed position	Pedestal at the head of bay 9, on the kerb line where it is marked, cable in a duct across the grass verge to the building.
Charger position (GPS)	Head of bay 9, marked cross · 50.367411, -4.120402 (SX 49296 54095, ±5 m)
Mounting	Post or pedestal
Charger power	22 kW
Cable	Untethered (socket)

Cable run from the supply point (m)	31
Cable route passes through	Clipped outside, Underground (groundworks)
Of which in a trench or groundworks (m)	14
Wi-Fi or mobile signal at this position	Weak

Photos of the position and cable route



Chargers proposed	3
7 kW	2
11 kW	0
22 kW	1
Total cable run (m)	46
Of which in a trench (m)	14
Total charger power (kW)	36
Positions with a weak or no signal	1

3. Electrical supply

Supply point position (GPS)	Meter cabinet at the end of the car park wall · 50.367309, -4.120688 (SX 49275 54084, ±4 m)
Supply	Three-phase
Main fuse rating	100 A
Earthing arrangement	TN-C-S (PME)

PME supply. BS 7671 regulation 722.411.4.1 does not allow a PME earth to be used for a chargepoint outdoors, or one that could charge a vehicle outdoors, unless one of the methods it lists is used, such as a chargepoint with built-in open-PEN protection or a separate earth electrode. Record which one you will use.

Method that will be used	Chargers with built-in open-PEN protection; pedestal the same
Consumer unit make, spare ways and RCD type	New 3-phase sub-board in the meter cabinet, 6 ways, Type A RCBOs with 6 mA DC detection in each charger
Charger current if every charger runs at full power (A per phase)	52
Other large loads	Electric heating, Heat pump
Is load management or a supply upgrade needed?	Yes

Photos of the meter, main fuse and consumer unit



4. Charger choice

Home and workplace chargepoints sold in Great Britain since 30 June 2022 must be smart: able to send and receive information and respond to signals to change when or how fast the car charges. They must keep charging if the network connection drops, but the smart features need one, so plan a connection.

Proposed charger make and model	Smart 7 kW tethered wall units (CP1, CP2) and a 22 kW socketed pedestal (CP3), all with load management
Installation notes and anything that affects the price	14 m of trench across the verge to bay 9, reinstate turf. Heat pump on the same supply: set dynamic load management so the chargers back off first. Weak signal at bay 9: 4G SIM in the pedestal.

5. Actions and sign-off

Name of the person signing for the customer	A. Mendes, facilities manager

Customer signature	
Are further actions needed?	Yes

Further actions 1: Apply for the Workplace Charging Scheme voucher for 3 sockets before ordering.

What needs doing?	Apply for the Workplace Charging Scheme voucher for 3 sockets before ordering.
Who will do it?	Facilities manager
Due date	20 Oct 2026
Status	In progress

Further actions 2: Get the maximum demand from the half-hourly data and confirm the load management settings in the design.

What needs doing?	Get the maximum demand from the half-hourly data and confirm the load management settings in the design.
Who will do it?	D. Price
Due date	23 Oct 2026
Status	Open

Further actions 3: Book a cable avoidance scan of the verge before the trench is dug.

What needs doing?	Book a cable avoidance scan of the verge before the trench is dug.
Who will do it?	D. Price
Due date	27 Oct 2026
Status	Open
Inspector name	D. Price
Position or company of the surveyor	Installer, Price Electrical
Inspector signature	

> Signing records what was found on the day. It is not a guarantee of condition and does not replace any examination, test, design check or repair needed from a competent person.