6BKD1 – (2021/62/91508/E) Planning Condition 14: EV Chargers

Condition 14:

'Before the development hereby approved is first brought into use, a scheme detailing the dedicated facilities that will be provided for charging electric vehicles and other ultra-low emission vehicles shall be submitted to and approved in writing by the Local Planning Authority. The scheme shall meet at least the minimum standard for numbers and power output of one Standard Electric Vehicle Charging Point providing a continuous supply of at least 16A (3.5kW) for at least 10% of nonresidential parking spaces. Parking spaces that are to be provided with charging points shall not be brought into use until the charging points are installed and operational. Charging points installed shall be retained thereafter.'

Response:

Parking provision is 275 parking spaces across the development that includes a total of 32 no. EV chargers equating to 12% of parking spaces.

EV car charge parking bays are located in the Multi-Storey Car Park adjacent the Custody Block, with access & egress via Stonefield Street & Carlton Road ramps.

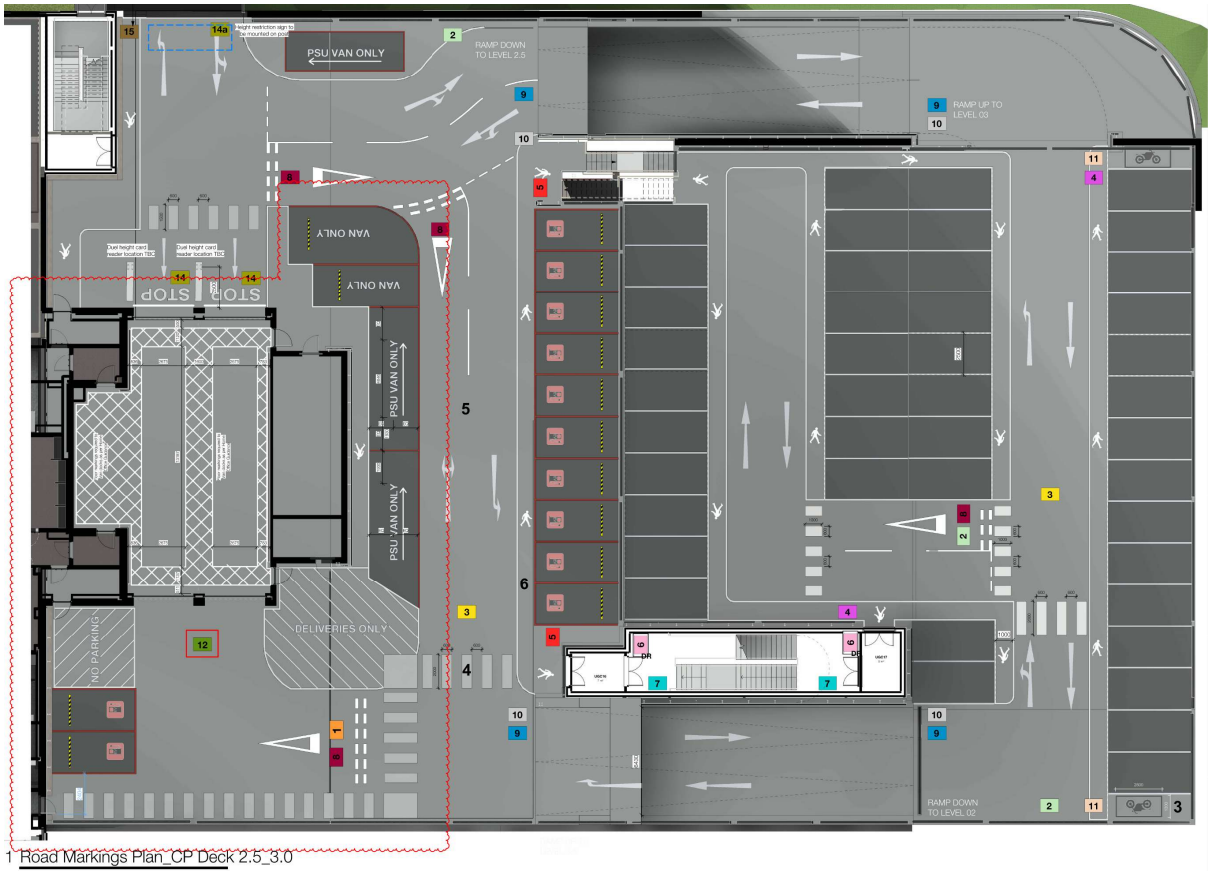
EV charging is provided at Levels 3 & 3.5 with 6 no. 22kW & 26 no. 7.4kW Sevadis chargers with holster for leads not in use (See below Data sheets).

The chargers are currently installed with final live connection prior to the development being brought into use (See below photos of installed EV chargers).

MSP Parking Layouts are provided in drawings:

- 6BKD1-RYD-Z3-03-DR-A-56402_Signage - MSCP Level 3.5_C01 (extract below)
- 6BKD1-RYD-Z3-ZZ-DR-A-56401_Signage - MSCP Level 2.5 & 03_P04 (extract below)

6BKD1 – (2021/62/91508/E) Planning Condition 14: EV Chargers



1 Road Markings Plan_CP Deck 2.5_3.0

1 MSCP Deck Level 3.5 Signage
1 : 100

WILLMOTT DIXON
SINCE 1852

SEVADIS
POWERING ELECTRIC VEHICLES

MaxiCharger Pillar
Single-Phase Datasheet

FOR BUILT ENVIRONMENT PROJECTS

The MaxiCharger Pillar is a floor-standing, smart, universal Type 2 socket EV charger that is available in single and dual-socket options. It is OCPP 1.6J compliant, has built-in PME fault detection on single and three-phase connection, and both static load management and dynamic load balancing capabilities.

Allowing EV drivers to charge with 7.4 kW charging speed, the MaxiCharger is an ideal charging solution for domestic and commercial requirements. The pillar housing is finished in a powder-coated steel with bespoke branding options available.

Product Code	Product Name and Description
EVMX74	MaxiCharger Smart Online AC Wallbox 7.4 kW - Socket (Black)
EVMX744G	MaxiCharger Smart 4G AC Wallbox 7.4 kW - Socket (Black)
EVMCSPP	MaxiCharger Single Pedestal Housing
EVMCDPP	MaxiCharger Dual Pedestal Housing

Please note that if opting for a dual MaxiCharger Pillar, x2 MaxiChargers are required. The same principle applies to 3-way and 4-way options.

Technical Specification	
Charging type	Mode 3, Type 2
Charging power	7.4 kW on single-phase
Rated current	32 A/16 A
Rated frequency	50 Hz
Input/output voltage	230 V+-10%: L1, N, PE
Network type	TT, TN
RCD	Integrated 6mA DC + 30mA AC leakage detection
Protection	Overcurrent, overvoltage, undervoltage, ground fault including DC residual current protection, integrated surge protection
PME fault detection	Incorporated within the unit

For more information, call 0330 058 7144 or email builtenvironment@sevadis.com
View our full range of EV chargers online www.sevadis.com/built-environment

SEVADIS
POWERING ELECTRIC VEHICLES

MaxiCharger Pillar
Single-Phase Datasheet

User Interface	
Status indication	LED/APP
User interface	MaxiCharger APP, MaxiCharger Service Software, web portal
Connectivity	Bluetooth, Wi-Fi, Ethernet, 4G
Communication protocols	OCPP 1.6J
User authentification	APP, RFID card, QR code

General Characteristics	
IP and IK rating	IP54, IK08
Operating altitude	2000 m
Operating temperature range	-40°C – + 55°C
Storage temperature range	-40°C – + 85°C
Weight	3600 g
Dimensions (WxHxD)	Unit: 187 mm x 336 mm x 85 mm Pillar: 362 mm x 1197 mm x 270 mm

Software Update	
Software update	APP or web portal

Certification and Standards	
Safety standards	EN/IEC 61851-1, EN/IEC 62196-2, EN/IEC 62955, BS7671
Certification	CE, UKCA (TUV) Compliant to the Electric Vehicles (Smart Charge Points) Regulations 2021, inc. Schedule 1
Warranty	36 months

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SEVADIS
POWERING ELECTRIC VEHICLES

MaxiCharger Pillar
Three-Phase Datasheet

FOR BUILT ENVIRONMENT PROJECTS

The MaxiCharger Pillar is a floor-standing, smart, universal Type 2 socket EV charger that is available in single and dual-socket options. It is OCPP 1.6J compliant, has built-in PME fault detection on single and three-phase connection, and both static load management and dynamic load balancing capabilities.

Allowing EV drivers to charge with 11 kW or 22 kW charging speeds, the MaxiCharger is an ideal charging solution for commercial charging requirements. The pillar housing is finished in a powder-coated steel with bespoke branding options available.

Product Code	Product Name and Description
EVMX224G	MaxiCharger 3 Phase Smart 4G AC Wallbox 11 kW/22 kW Socket
EVMX22LCD4G	MaxiCharger 3 Phase Smart 4G AC Wallbox With LCD Screen 11 kW/22 kW Socket
EVMCSPP	MaxiCharger Single Pedestal Housing
EVMCDPP	MaxiCharger Dual Pedestal Housing

Please note that if opting for a dual MaxiCharger Pillar, x2 MaxiChargers are required. The same principle applies to 3-way and 4-way options.

Technical Specification	
Charging type	Mode 3, Type 2
Charging power	11 kW/22 kW on three-phase
Rated current	32 A/16 A
Rated frequency	50 Hz
Input/output voltage	400 V+-15%: L1, L2, L3, N, PE
Network type	TT, TN
RCD	Integrated 6mA DC + 30mA AC leakage detection
Protection	Overcurrent, overvoltage, undervoltage, ground fault including DC residual current protection, integrated surge protection
PME fault detection	Incorporated within the unit

For more information, call 0330 058 7144 or email builtenvironment@sevadis.com
View our full range of EV chargers online www.sevadis.com/built-environment

SEVADIS
POWERING ELECTRIC VEHICLES

MaxiCharger Pillar
Three-Phase Datasheet

User Interface	
Status indication	LED/APP
User interface	MaxiCharger APP, MaxiCharger Service Software, web portal
Connectivity	Bluetooth, Wi-Fi, Ethernet, 4G
Communication protocols	OCPP 1.6J
User authentification	APP, RFID card, QR code

General Characteristics	
IP and IK rating	IP54, IK08
Operating altitude	2000 m
Operating temperature range	-40°C – + 55°C
Storage temperature range	-40°C – + 85°C
Weight	3920 g
Dimensions (WxHxD)	Unit: 187 mm x 336 mm x 85 mm Pillar: 362 mm x 1197 mm x 270 mm

Software Update	
Software update	APP or web portal

Certification and Standards	
Safety standards	EN/IEC 61851-1, EN/IEC 62196-2, EN/IEC 62955, BS7671
Certification	CE, UKCA (TUV) Compliant to the Electric Vehicles (Smart Charge Points) Regulations 2021, inc. Schedule 1
Warranty	36 months

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