

Our Ref : 22-047.001.docx
Your Ref :
E-mail : k.farrell@waterman-moylan.ie
Date : 23rd February 2024

Vanessa Mullen,
Quintain Ireland,
Fitzwilliam Court,
Leeson Close,
Dublin 2.
D02 YW24

**Re : Adamstown Boulevard
EV Car Charging Provision - Planning Compliance
Ref SDZ22A-0007 - Response to Condition 36i**

Dear Vanessa,

In response to Planning Compliance Condition 36i, please find enclosed site layout showing the proposed strategy for the provision of electric vehicle charging infrastructure. The locations of the proposed charging spaces are indicated on the attached drawing, reference 22-047 E1004.

A total of 4No. parking spaces will be provided with electric car charging facilities. 4No. charging columns will be provided, each location will service individual parking bays. The electric vehicle charging points will be fed from a local metered connection which in turn will be supplied from a nearby ESB Networks mini-pillar. A dedicated ESB Networks meter will be provided in the cabinet which will allow the electricity consumption to be metered by an electricity supplier. An application has been made to ESB Networks for a power supply to the spaces.

It is proposed that a specialist 3rd party contractor would be appointed by the Management Company to manage the maintenance and the revenue collection of the EV charging network. This specialist contractor will collect the revenue from each user of the electric charging points (via pre-paid user accounts and/or a mobile phone app) and then pass this revenue onto the Management Company. A commercial arrangement will be entered into between the Management Company of the development and the provider of the charging points.

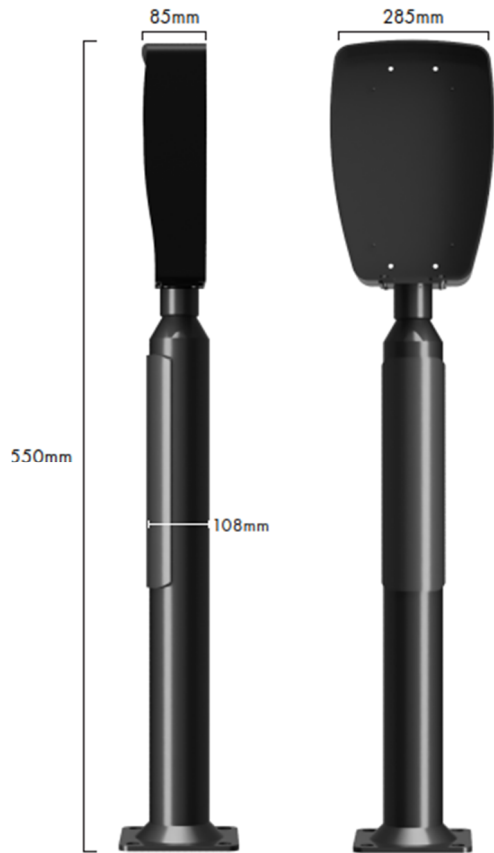
Car charging spaces will meet the following specification:

- All spaces will be painted and signage will be erected noting that use is reserved for electric vehicles only.
- Wheel-stops or protective barriers will be provided to prevent vehicles from damaging the charging equipment.
- GPRS Networked suitable for commercial & on-street locations.
- RFID access control allowing regular users to pay using a contactless identification card which can be sourced from the charging point vendor.
- Mobile phone payment enabled using appropriate App
- Overcurrent & earth leakage detection per socket.
- Approved energy meter with utilisation logging/history.
- Full online monitoring and control through a GSM/GPRS modem for monitoring and billing.
- Open Charge Point Protocol (OCPP) 1.5 compliant with back office support provided by the vendor.

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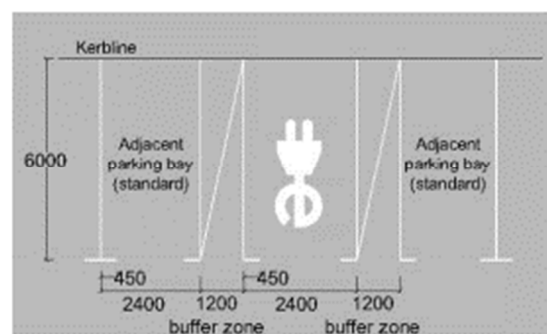
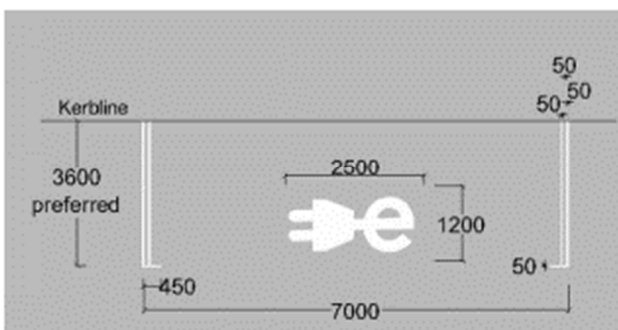
Typical details of the proposed chargers will be as detailed below, however the final selection of equipment for this equipment will be subject to a procurement process so installed models may vary from those shown.



ZapCharger Single Column Standard

Article no. ZM000453

An Electric Vehicle Recharging Bay will be indicated by road marking marked in white and located on the outer edge of each bay. Each bay will have green surfacing applied. Upright Electric Vehicle Parking Bay signs will be provided close to the designated live Ecar parking bays..





We trust the measures outlined above and enclosed will satisfactorily address the issues raised in the planning compliance request.

Yours sincerely,

Niall Coughlan
Director
Waterman Moylan
Encl. (1)