

Cherrywood Housing,
Lehaunstown Land,
Cherrywood



Project Ref.	Document Title	Rev	Prepared by:	Issue Date	Checked by:
2343	EV Charging Report Planning	PL1	CM	12/04/2024	MM

Table of Contents

1 Introduction 3
 1.1 Development Description..... 3
2 Outline 3
3 Drawings 4

1 Introduction

1.1 Development Description

The subject site for this EV Charging report is the proposed residential development at Lehaunstown Land, Cherrywood.

The proposed development is a residential development with access from Lehaunstown lane, off Brennanstown Road. The development will consist of construction of 110 no. housing units in a range of unit types including, semi-detached, terraced, apartments and duplex units.

The development will also include: provision of a new pedestrian entrance, communal car parking spaces, bicycle parking spaces, provision of private, communal and public open space, internal roads and pathways, drainage attenuation tanks, ESB substations, hard and soft landscaping, boundary treatments, new internal access roads, changes in level, services provision and related pipework, electric vehicle charging points, public lighting; and all ancillary site development works above and below ground.



Figure 1-Site Location Map

2 Outline

All development will be required to ensure that all car parking spaces are future-proofed for Electric Vehicles (EVs) or 'EV Ready'. At a minimum, applicants for residential and non-residential developments will be required to future proof for electric vehicle charging points at appropriate locations, including homes, businesses, on-street and multi-storey car parks, where parking is provided through the installation of ducting. The provision of electric charging points as part of residential and non-residential developments, including developments with publicly accessible car parking spaces, shall be provided in line with the standards outlined in the current Dun Laoghaire Rathdown County Development Plan

There is a total of 133 No. car parking spaces of which, 26 are for blocks A1, 27 are for A2, 22 are for B, 25 for block C, 16 for block D, 16 for the houses and 1 car share space. The design includes Electric Vehicle (EV) Charging to 24 No spaces, having a rating of 1 EV charging for every 5 car parking spaces (20%) for the apartment blocks, which is greater than the required minimum of 10%. The houses have designated car parking space in front of the units, it is been allowed for individual EV charging points for future installation.

The EV is provided by 12No. dual charger each serving 2No. adjacent car parking spaces. For the remaining 80% of dwellings it will be provided facilitation for future installation of EV chargers. This includes provision of containment and cabling internally enclosure where the cabling will be terminated. From this enclosure, underground PVC ducting is provided to their allocated car space.

Car parking spaces at apartments will be privately managed by a management company. Future EV chargers in this area will have a dedicated ESNB meter, independent of the consumer unit, with a load management system. Space has been allocated at the landlords main distribution board to add ESNB meter, switch fuses and load management system for EV chargers at a later stage.

3 Drawings

Refer to Dwg No. 2343-E1002 'Site ducting layout for EV Chargers' & 2343-E1003 'Basement -1 Level Ducting Layout for EV Chargers'.