



### 'SITE WIDE' Electric Vehicle (EV) Car Charging Provision

Title	%	Qty.
Total Number of Parking Bays	100	150
Active Charging Provision Provided	20	30
Passive Charging Provision Provided	80	120

**General Notes**

- This drawing has been checked in accordance with Black & White Engineering (BWE) Drawing conventions.
- Do not scale from this drawing. All dimensions indicated are in millimeters unless otherwise stated. Verify all measurements on site.
- All plant and equipment dimensions are typical. The Contractor should show actual dimensions and location of equipment on site.
- The drawing is to be used in conjunction with all other relevant BWE drawings, specifications, schedules and standards to be provided.
- Any discrepancies between the drawings and other documents should be brought to the attention of the engineer.
- This drawing is not for installation drawing. It is the Contractor's responsibility to make the coordinated installation shop drawings.

**Legend:**

- External Pole/Building mounted fixed CCTV Camera. Xm denotes CCTV Camera mounting height
- External Pole/Building mounted Pan, Tilt, Zoom (PTZ) CCTV Camera. Xm denotes CCTV Camera mounting height
- Proximity Card Reader
- Intercom
- CCTV column concrete base (Allow up to 22kW Load)
- Quick Electric Vehicle Charger (Allow up to 22kW Load)
- Electric Vehicle Charger (Double outlet, allow 7kW per outlet)
- Electrical Vehicle Charging cluster panel (Active Provision)
- Concrete plinth for future cluster panel (Passive Provision)

**Notes:**

- Main Site Entrance and North Car Park CCTV Camera Provisions shown only. Site wide internal security and CCTV coverage strategy to be developed.

Rev	Date	By / Check / App	Date
5	Issue for planning	JW / PCJ	22/05/19
4	Issue for planning	JW / PCJ	02/05/19
3	Issue for planning	JW / PCJ	26/04/19
2	Issue for planning	JW / PCJ	09/04/19
1	Issue for planning	JW / PCJ	04/04/19

38-35 Woking Street  
Woking, Surrey  
GU24 0NF  
Tel: +44 (0)1483 7365  
www.bw-engineering.com

**CLIENT**  
NTT Communications Corporation

**PROJECT TITLE**  
NTT Communications Data Centre  
Yewtree Avenue, Dagenham  
RM10 7XS

**DRAWING TITLE**  
Electrical Services  
Security & EV Charging  
Site Entrance  
Sheet 2 of 2

JOB NO	STATUS
P20010	For Planning

SCALE AT AS	DISCIPLINE
1:250	Electrical

**DRAWING NUMBER**  
PHW-BW-SP-00-DR-E-90-0208

**ISSUE**  
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