



For continuation refer to drawing number : PHW-BW-SP-00-DR-E-90-0207

### '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**

- The drawing has been checked in accordance with Black & White Engineering BEMIP QA charging procedure.
- Do not scale from this drawing. All dimensions indicated are in millimeters unless otherwise stated. Verify all measurements on site.
- All parts and equipment dimensions are local. The Contractor should show actual, approved part and equipment sizes.
- The drawing is to be used in conjunction with all relevant BEMIP specifications, schedules and standards to be provided.
- Any discrepancies between the drawing and other documents should be brought to the attention of the engineer.
- This drawing is not an installation drawing. It is the Contractor's responsibility to make the appropriate installation drawings.
- Final pricing coordination subject to meter design package.
- Contractor to coordinate final distribution routes with available services and existing infrastructure.
- The contents of this drawing shall be read in conjunction with the current revisions of all relevant architectural, structural, mechanical and electrical drawings and all relevant sections of the specifications.

**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.
- 50a uPVC Duct for LV Final Circuit.
- 50a uPVC Duct for ELV Final Circuit.
- Proximity Card Reader (PR).
- Intercom (I).
- Electric Vehicle Charging (EVC).
- Quick Electric Vehicle Charging (QEVC).
- Electric Vehicle Charging Heavy Goods Vehicle (EVC-HGV).
- Passive Electric Vehicle Charging Provision (green dot).
- Cluster Panel (green box).

**Notes**

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

4	Issued for planning	JWH, PJG, J, JB	02/09/18
3	Issued for planning	JWH, PJG, J, JB	01/04/18
2	Issued for planning	JWH, PJG, J, JB	01/04/18
1	Issued for planning	JWH, PJG, J, JB	01/04/18

Rev: Details | To: Client/APP | Date



CLIENT  
NTT Communications Corporation

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

DRAWING TITLE  
Electrical Services  
Security & EV Charging  
North Car Park

DATE: 28/09/2018  
LOCATION: London  
ECS20184  
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JOB NO: P20010	STATUS: For Planning
SCALE AS SHOWN: 1:250	DISCIPLINE: Electrical
DRAWING NUMBER: PHW-BW-SP-00-DR-E-90-0209	ISSUE: 4

CDM Residual Risk Register	
Item:	NOT APPLICABLE

In addition to the hazards / risks normally associated with the types of work detailed on this drawing, note the following:

- CONSTRUCTION:** The Building Regulations Part L3A shall be complied with in relation to insulation and commissioning.
- MAINTENANCE / CLEANING:** HSE work place regulations shall be observed. WISE and HSE regulations shall be observed with.
- DECOMMISSIONING / DEMOLITION:** WISE and HSE regulations shall be observed with.

N.B. It is assumed that all work will be carried out by a competent contractor working, where appropriate, to an approved method statement.