

DO NOT SCALE



KEY



INDICATES POSITION OF EXTERNALLY MOUNTED EV CHARGING POINTS



INDICATES POSITION OF EV CHARGING POINT MOUNTED ON A ROOFTOP BLACK BOX SECTION MOUNTING POST

NOTES

MOUNTED EV CHARGING POINT TO BE A ROOFTOP MODE 3, 32 AMP CHARGING POINT.

WHERE EXTERNALLY MOUNTED, SUITABLE FIXING SHOULD BE IN ACCORDANCE WITH MANUFACTURERS' GUIDELINES TO ROBUST MOUNTING POINT WITH ALL CABLE ROUTES SUITABLY PROTECTED EXPOSURE AND DAMAGE. PRODUCT SHOULD BE PROTECTED FROM MIS-USE AND VANDALS.

WHERE THE EXTERNAL CHARGING POINT IS LOCATED WITHIN A GANTRY THIS SHOULD BE LOCATED TO AVOID METER BOXES. WHERE TWO CHARGING POINTS ARE REQUIRED WITHIN THE SAME GANTRY, THESE SHOULD BE SPACED SO AS NOT TO REDUCE THE WIDTH OF THE GANTRY.

A SIGNATURE ENCLOSED CIRCUIT PROTECTED BY AN RCD SHOULD BE PROVIDED FROM THE MAIN DISTRIBUTION BOARD, TO A SUITABLY ENCLOSED TERMINATION POINT WITHIN A GARAGE, OR AN ACCESSIBLE ENCLOSED TERMINATION POINT FOR FUTURE CONNECTION TO AN EXTERNAL CHARGE POINT.

THE ELECTRICAL CIRCUIT SHALL COMPLY WITH THE ELECTRICAL REQUIREMENTS OF BS7171:2006 AS WELL AS CONFORM TO THE IET CODE OF PRACTICE ON ELECTRIC VEHICLE CHARGING EQUIPMENT INSTALLATION 2012 ISBN 978-144919-515-7 AND ALL OTHER APPROPRIATE REGULATIONS AND CODES.

IF INSTALLED IN A GARAGE ALL CONDUCTIVE SURFACES SHOULD BE PROTECTED BY SUPPLEMENTARY PROTECTIVE EQUIPMENT (PPE) FOR VEHICLE CONNECTING POINTS INSTALLED SUCH THAT THE VEHICLE CAN ONLY BE CHARGED WITHIN THE BUILDING, E.G. IN A GARAGE WITH A NON-EXTENDED TETHERED LEAD. THE PPE CANNOT BE USED FOR EXTERNAL INSTALLATIONS. THIS RISK ASSESSMENT OUTLINED IN THE IET CODE OF PRACTICE MUST BE ADOPTED, AND MAY REQUIRE AN ADDITIONAL EARTH STAKE OR MAT FOR THE EV CHARGING CIRCUIT. THIS SHOULD BE INSTALLED AS PART OF THE EV READY INSTALLATION.

E	20/06/23	EW	EV CHARGING LAYOUT UPDATED IN ACCORDANCE WITH CHANGES TO DRAWING BVF-16-02-031	CP
D	02/08/22	NO	EV CHARGING LAYOUT UPDATED IN ACCORDANCE WITH CHANGES TO DRAWING BVF-16-02-032	CP
C	22/08/22	NO	EV CHARGING LAYOUT UPDATED IN ACCORDANCE WITH CHANGES TO DRAWING BVF-16-02-033	CP
B	24/03/22	AS	EV CHARGING LAYOUT UPDATED IN ACCORDANCE WITH CHANGES TO DRAWING BVF-16-02-034	RE
A	15/11/21	EW	EV CHARGING LAYOUT UPDATED IN ACCORDANCE WITH CHANGES TO DRAWING BVF-16-02-035	CTP
-	22/03/21	RE	INITIAL ISSUE	CTP
REV	DATE	BY	DESCRIPTION	APPROVED



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MARKETING NAME

PROJECT

BRADFORD ROAD
HUDDERSFIELD

TITLE

PROPOSED EV CHARGING PLAN

SCALE @ A1

1:1000

DESIGN DRAWING

RE

APPROVED

CTP

DATE

22.03.21

PROJECT No.

BVF

DRAWING No.

BVF-16-02-07

REV

E

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