



NEW 315KVA 11KV SUB-STATION IN GRP ENCLOSURE TO UK POWER NETWORKS' STANDARDS. REFER TO RIVINGTON STREET STUDIO DRAWING SRP1055-RSS-XX-00-D-A-1421

GRP ENCLOSED FEEDER PILLAR FOR EV CHARGER CUT-OUT, DISTRIBUTION BOARD AND CONTROLS. FED DIRECTLY FROM SUB-STATION AND MOUNTED ON 100mm THICK CONCRETE PLINTH APPROXIMATELY 900mm WIDE x 1220mm HIGH x 330mm DEEP



TWIN 7.4KW EV CHARGER PEDESTAL FOR THE TWO ACTIVE CAR SPACES



FUTURE EV CHARGING BAYS TO BE PROVIDED WITH DUCTS, DRAW CORD ROPES, FIXING BASE AND CABLE CHAMBERS FOR FUTURE INSTALLATION OF EV CHARGERS.

SITE BOUNDARY LINE (IN RED)

Origin Arch.	Rev.	Cad Ref
Origin Struc.	Rev.	Drawn by

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Standard Notes
1. ALL DIMENSIONS TO BE VERIFIED FROM SITE MEASUREMENT.
2. DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.

NOTES:

- THE ELECTRIC VEHICLE CHARGERS ARE PROPOSED TO BE POST-MOUNTED CHARGERS WITH TWIN UNITS SERVING TWO PARKING SPACES. CHARGERS WILL EACH BE RATED AT 7.4KW (32A SINGLE PHASE).
- CHARGERS WILL BE POWERED VIA A DEDICATED EXTERNAL FEEDER PILLAR LOCATED IN THE CORNER OF THE BIN STORE AREA ADJACENT TO THE ELECTRICITY SUB-STATION, ADEQUATELY RATED AND SIZED TO POWER A FURTHER 7 No. CHARGERS SHOULD THEY BE INSTALLED IN THE FUTURE TO SERVE THE ADDITIONAL SPACES. GROUND DUCTS AND DRAW-PITS WILL BE INSTALLED AS PART OF THE BASE BUILD TO FACILITATE THE FUTURE CHARGERS.
- THE PAYMENT / TIME MANAGEMENT MECHANISM FOR THE USE OF THE CHARGERS IS TO BE AGREED WITH COUNCIL AND THE SCHOOL OPERATOR IN DUE COURSE.

LEGEND:

- NEW ELECTRICITY LV SERVICE
- 100mmØ BLACK HDPE RIGIDUCT FOR POWER CABLING AT 450mm BELOW FINISHED GROUND LEVEL (UNLESS OTHERWISE NOTED)
- CABLE DUCT DRAWPIT / CHARGER FIXING BASE
- TWIN OUTLET GROUND-MOUNTED ELECTRIC VEHICLE CHARGER, PROVING MODE 3 CHARGING
- ACTIVE ELECTRIC VEHICLE CHARGING BAYS (2 No.)
- FUTURE ELECTRIC VEHICLE CHARGING BAYS (7 No.)
- PARKING STOP (TO PROTECT CHARGER FROM IMPACT)

P01	XX.10.24	FOR PLANNING	AA	JdB
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Version	Date	Description	By	Chkd
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Drawing Status

FOR PLANNING

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Client
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CONSTRUCTION**

Project
BURNSIDE PUPIL REFERRAL UNIT

Drawing Title
**ELECTRIC SERVICES
ELECTRIC VEHICLE CHARGING**

Dwg No.			Rev.
SRP1055-SIL-XX-XX-D-E-3602			P01
Scale	Date	Engineer	Checked
1:200@A1	OCT'24	AA	JdB