

RECEIVED

By Emma Kingwell at 7:27 am, Feb 23, 2021

95 CAS 11kV ASSUMED ROUTE 02/1991

MENNEKES GENERAL PURPOSE CHARGER PROVIDING 2 X 22kW CHARGING POINTS - EV1

300mm DIA (50mm THICK) CONDUIT INSTALLED IN 600mm DEEP EXCAVATION. INSTALLED ON CONCRETE BASE. (See manufacturers instructions for exact installation details)

2 x 63mm DUCTS 1 DUCT FOR LV CABLES AND 1 FOR COMMS CABLES

STREET CABINET 1150L x 500D x 1250H MOUNTED ON CONCRETE PLINTH

1x 63mm DUCT INCOMING DNO CABLE

ZONE OF SEPARATION BETWEEN EV SYSTEM 'TT' EARTH SYSTEM AND ANY BURIED METAL CONNECTED TO THE WPD PME SYSTEM

ELECTRIC VEHICLE CHARGING

CABLE TRENCH FOR DNO CABLE 300mm WIDE X 600mm DEEP

1x 63mm DUCT INCOMING DNO CABLE

Parson's Field

95 AB

WPD POLE REF 41-5008-6

DNO SERVICE CABLE DROPS DOWN POLE TO TRENCH. CABLE INSTALLATION BY WPD

NOTES

- FOR SINGLE LINE DIAGRAM SEE DRG NO 50021\_2A\_001
- FOR STREET CABINET LAYOUT SEE DRG NO 50021\_51\_003
- TRENCH BETWEEN POLE 456008-6 AND STREET CABINET TO BE EXCAVATED BY N.G. TO LAY 100mm DUST BED PRIOR TO CABLE INSTALL. TRENCH TO BE BACKFILLED AFTER CABLE COVERED WITH 100mm DUST. WARNING TAPE TO BE INSTALLED OVER DUST LAYER.
- EARTH DISC TO BE INSTALLED TO ENSURE 3600mm SEPARATION BETWEEN ANY METALWORK CONNECTED TO THE WPD SYSTEM
- BEFORE EXCAVATING ALL ROUTE TO BE SCANNED FOR BURIED CABLES AND SERVICES

C	CHARGING BAYS RELOCATED	ACN	19/02/21
B	SECTION OF HEDGE TO BE REMOVED ADDED	ACN	19/01/21
A	LOCATION OF EV CHARGING STATION MOVED CLOSER TO EAST END OF THE SITE	ACN	14/01/21
REV:	DESCRIPTION:	BY:	DATE:
STATUS: PRELIMINARY			

Natural Generation Ltd  
 Units 2 & 3 Cligga Industrial Estate  
 51 Georges Hill, Penzance, Cornwall, TR6 0EB  
 www.naturalgen.co.uk  
**Natural Generation**  
 Energy for the future

CLIENT: Isles of Scilly Community Venture  
 ARCHITECT:

SITE: PARSON'S FIELD SITE  
 SITE REFERENCE - 2A  
 TITLE: General Electrical installation layout

SCALE AT A3:	DATE:	DRAWN:	CHECKED:
1:50	28/12/20	ACN	.
PROJECT NO:	DRAWING NO:	REVISION:	
20051	2A_002	C	

# GENERAL LAYOUT OF PARSON'S FIELD EV CHARGER INSTALLATION