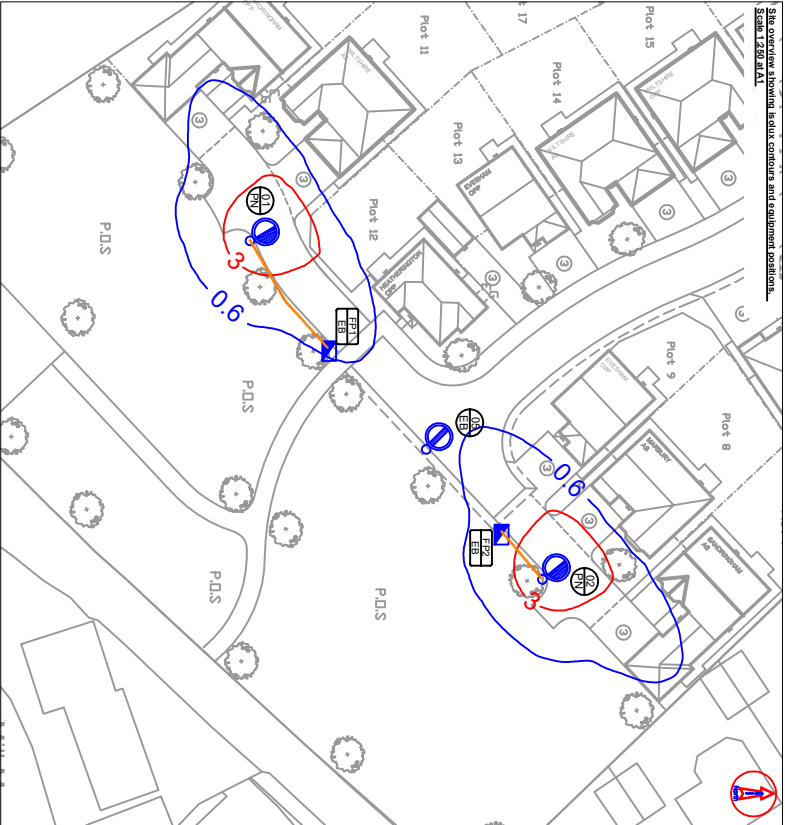




BS2

SCHREDER AMPERA MINI 5117 8 OS/LON SQUARE GIANT @350ma NW740 230V
RTECH test report no. 404542
lamps): 8 OS/LON SQUARE GIANT @350ma NW740 230V
candelabra the AMPERA MINI 5117 8 OS/LON SQUARE GIANT
1 lamp(s) per luminaire, 1418 initial lumens per lamp
Distance Factor = 0.050, watts per luminaire = 10
0.050 x 1418 = 70.9 Watts per luminaire
number locations= 2, number luminaires= 2
k/wall locations= 0.0

Traffic flow

Ambient luminance:		Lighting class	
very low (E1)	low (E2)	Ambient luminance: moderate (E3)	Ambient luminance: high (E4)
Busyl A)	S3 or P3	S2 or P2	S3 or P2
Normal B)	S4 or P4	S3 or P3	S3 or P3
Quiet C)	S5 or P5	S4 or P4	S4 or P4

NOTE 1 Table A.5 assumes no parked vehicles - see risk assessment in A.3.3.2.

NOTE 2 If facial recognition is important then an ES lighting class from BS EN 13501-2:2003, Table 5, or an ESC lighting class from CIE 115:2010 (N1), Table 7, can be selected as an additional criterion. Good colour rendering contributes to better facial recognition. (The ES lighting class in BS EN 13501-2:2003 is expected to be replaced by SC upon publication of the revised edition.)

NOTE 3 To ensure adequate uniformity, the actual value of the maintained average luminance is not to exceed 1.5 times the value indicated for the class.

NOTE 4 It is recommended that the actual overall uniformity of illuminance U_o be as high as reasonably practicable.

NOTE 5 Grey highlighting indicates situations that would not usually occur in the UK.

NOTE 6 The ambient luminance descriptions E1 to E4 refer to the environmental zone as defined in L16:GN2 (N5).

Busyl traffic flow refers to areas where the traffic usage is high and can be associated with local amenities such as clubs, shopping facilities, public houses etc.

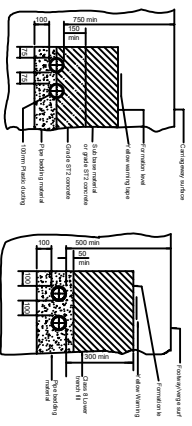
Normal traffic flow refers to areas where the traffic usage is of a level equivalent to a housing estate access road.

Quiet traffic flow refers to areas where the traffic usage is of a level equivalent to a residential road and mainly associated with the adjacent properties or properties on other equivalent roads accessed from this road.

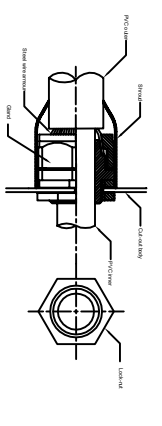
NLS

Ducts laid Under Carriageway

Ducts laid Under Footway and Verges



NLS



Electrical schematic details NLS

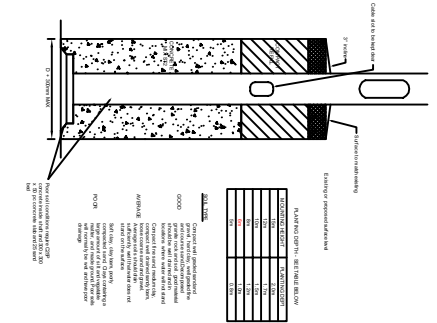
Incoming metered Single
Phase DNO supply

Feeder Pillar FP1/2

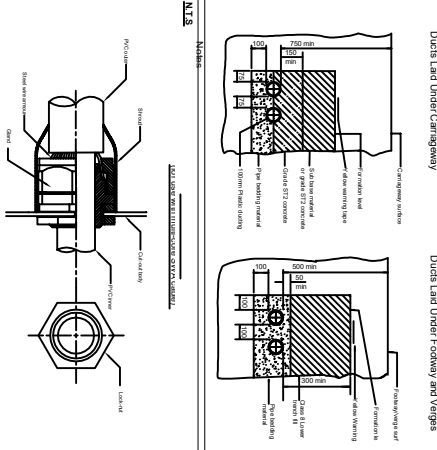
All protective devices to be BS88 Type Fuses. Changing to other
devices may cause the circuit to not conform to BS7671.



Typical column installation details NLS



NLS



DESIGN

21000-D-01

DATE: 10/10/2023

PROJECT: WEATHER ROAD HEAT PUMP LIGHTING

CLIENT: MACBRYDE HOMES

DESIGNER: HORTON

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