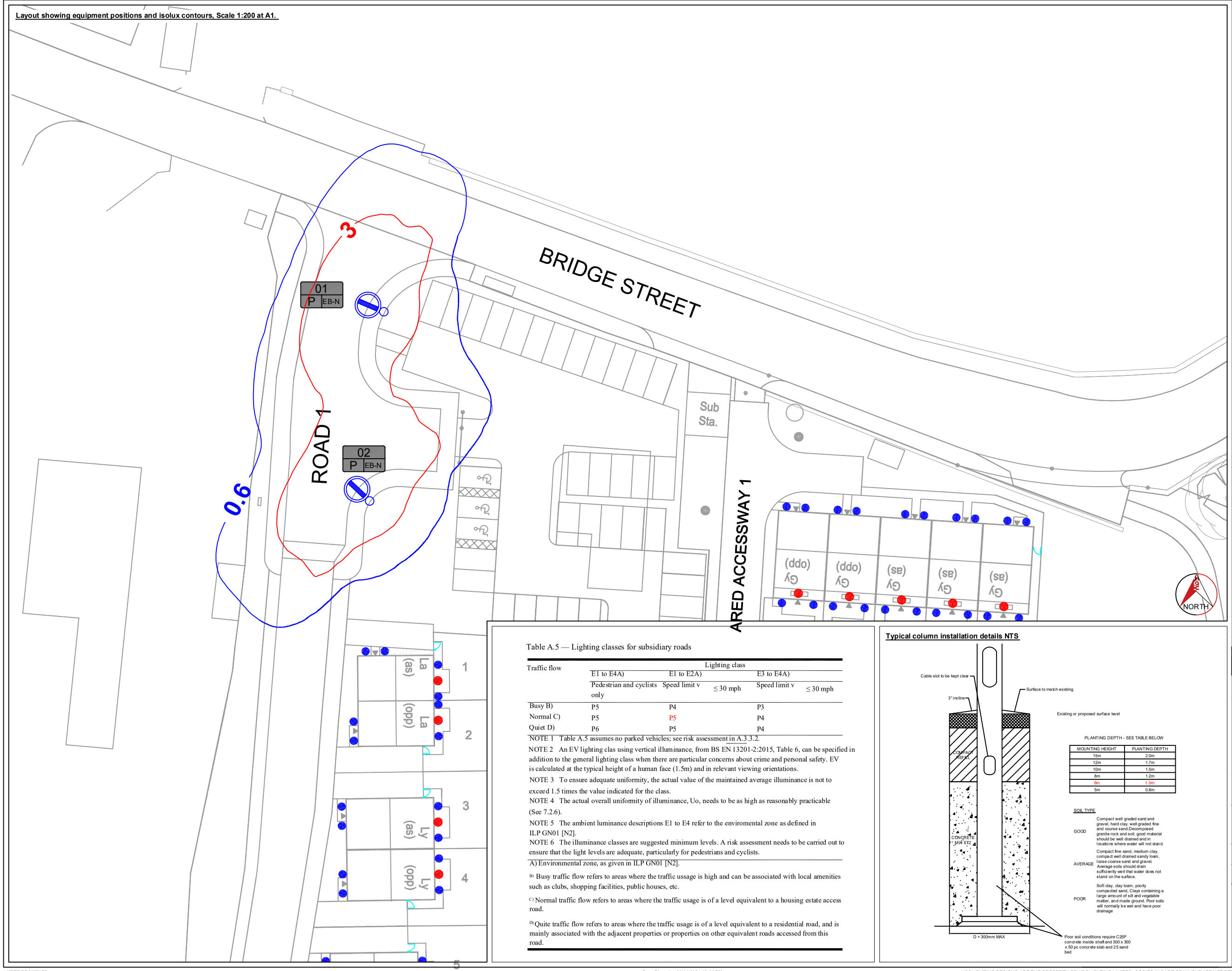
Layout showing equipment positions and isolux contours, Scale 1:200 at A1.



Key

Proposed Column:
02
Manufacturer: Malatite
Material: Galvanised Steel
Type: Tubular
Height: 5m

Proposed Lantern:
Manufacturer: Philips
Model: Digistreet Micro
Optic: DW50
Mounting: Post Top
Tilt: 0°
Wattage: 37W
Photometry file: 'DigiStreet Micro _BGP760_DW50_6000_20LED_5.1S _CLO_L90_CW.ies'
Driver: Citytouch CMS
PECU: Lucy Zodion SS3 35 lux with 1: 0.5 Switching
Dimming: Lantern dimmed to 50%
Attachments: None

(*All Equipment To Bury Council Specification*)

Column numbering to be finalised with the Authoritative Engineer

Column scheme numbering for existing and proposed equipment

01 P EB-N
01 = Column Number
P = Proposed
EB-N = Proposed DNO / IDNO Connection

0.6 lux contour line - BS5489-1:2020 Lighting Class P5

3.0 lux contour line - BS5489-1:2020 Lighting Class P5

Table A.5 — Lighting classes for subsidiary roads

Traffic flow	Lighting class				
	E1 to E4A)	E1 to E2A)		E3 to E4A)	
	Pedestrian and cyclists only	Speed limit v	≤ 30 mph	Speed limit v	≤ 30 mph
Busy B)	P5	P4		P3	
Normal C)	P5	P5		P4	
Quiet D)	P6	P5		P4	

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

NOTE 2 An EV lighting clas using vertical illuminance, from BS EN 13201-2:2015, Table 6, can be specified in addition to the general lighting class when there are particular concerns about crime and personal safety. EV is calculated at the typical height of a human face (1.5m) and in relevant viewing orientations.

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

NOTE 4 The actual overall uniformity of illuminance, Uo, needs to be as high as reasonably practicable (See 7.2.6).

NOTE 5 The ambient luminance descriptions E1 to E4 refer to the enviromental zone as defined in ILP GN01 [N2].

NOTE 6 The illuminance classes are suggested minimum levels. A risk assessment needs to be carried out to ensure that the light levels are adequate, particularly for pedestrians and cyclists.

A) Environmental zone, as given in ILP GN01 [N2].

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

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

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

Typical column installation details NTS

PLANTING DEPTH - SEE TABLE BELOW

MOUNTING HEIGHT	PLANTING DEPTH
15m	2.0m
12m	1.7m
10m	1.5m
8m	1.2m
6m	1.0m
5m	0.8m

SOIL TYPE

GOOD — Compact well graded sand and gravel, hard clay, well graded fine and course sand.Decomposed granite rock and soil. good material should be well drained and in locations where water will not stand.

AVERAGE — Compact fine sand, medium clay, compact well drained sandy loam, loose coarse sand and gravel. Average soils should drain sufficiently well that water does not stand on the surface.

POOR — Soft clay, clay loam, poorly compacted sand, Clays containing a large amount of silt and vegatable matter, and made ground. Poor soils will normally be wet and have poor drainage

REV	DESCRIPTION	DATE	DRN	APP

DRAWING NO: 25915-D-01
REV: -

DRAWING STATUS: DESIGN

CLIENT: Eccleston Homes

PROJECT: Bridge Street, Ramsbottom Section 38

TITLE: Proposed Lighting and Installation Design Layout

SCALE: AS INDICATED
DESIGNED BY: JL 18/11/2024
SHEET NO: Sheet 1 of 1
APPROVED FOR ISSUE: PDL 18/11/2024

HDS
CONSULTATION, DESIGN & MANAGE
E. info@hdslighting.com
T. 01625 925 735

PROJECT: H:\Projects\Eccleston Homes\Bridge Street, Ramsbottom\S38\Drawings\Rev_0

XREF DRAWINGS:

Date Plotted: 20/11/2024 12:31 PM

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