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KEY:

- Proposed adoptable 6m Lighting Column with Philips Luma Micro,
  Lamp(s): LED-HB 5.1S NW,
  Candela file 'Luma Micro BGP615 DW50 1800 10LED 5.1S CLO L90 NW',
  Maintenance Factor = 0.83,
  Outreach (from mounting axis to photometric center) = 300 mm,
  Tilt angle = 0 deg,
  Mounting height = 6 m
  Number of columns = 41
- Proposed private 0.98m Zone Bollard by National Lighting (or similar approved) 170mm diameter max 60W with photocell control

LIGHTING LUX KEY:

- 3.0 Lux Contour
- 2.0 Lux Contour
- 0.4 Lux Contour

ADOPTABLE NOTES:

Adoptable lighting to be in accordance with WSCC document 'Lighting of Developer Promoted Highway Schemes in West Sussex' Version A dated 04 September 2019 where following design philosophy should be applied:

- All equipment is to be fitted to manufacturer's guidelines.
- All lanterns are to be supplied 'Constant Light Output' (CLO) enabled,
- All apparatus shall be new at the time of installation and be supported by relevant manufacturer's guarantees. Such guarantees must be transferred to Tay Valley Lighting (West Sussex) Limited at the point of adoption.
- All apparatus shall be sited so as to minimise, in so far as is reasonable and practical, nuisance, danger and obstruction to all residents, businesses and users of the highway.
- All columns and sign posts installed must be manufactured in accordance with BSEN40 and be able to accept an attachment of 0.3m2 in area at height and offset on the apparatus.
- All illuminated apparatus must be installed and tested in compliance with BS7671 at the time of adoption. Lamps must be no more than 6 months old at the time of adoption.
- All installations must be installed in such a way that trees or any other foliage on the site does not interfere with the level of lighting.

The Standard Lanterns to be Signify 'Micro Luma' post top mounted, 12-20 LED, lumen outputs as required for design, Neutral White (4000K), wired for Dali control and fitted with Mayflower six pin NEMA socket, post-top mounted, maximum tilt 5 degrees or similar approved.

Lanterns use recessed LED's to offer better direction of light and to minimise potential for light glare and spill. Shields can be added for further protection if required.

The Standard Columns for Subsidiary Roads to be 6m straight shaft (no outreach bracket), Coating Amercoat 71P/PSX 700 polysiloxane and Amercoat 4560 GF epoxy glass flake root protection. Columns designed to take an additional loading of a 0.6m² sign plate. Colour as specified by the Authority and for Angmering colour to be Black (BS00E53).

Footpaths and other access limited sites, 6m Abacus post top root counterbalance RLS168 - White 10kg Coating Amercoat 71P/PSX 700 polysiloxane.

Rev	Date	Description	Drawn	Checked
A	01.21	First Issue	SM	SL

ABLEY LETCHFORD PARTNERSHIP
Consulting Engineers
3 Tealgate, Charnham Park
Hungerford, Berkshire RG17 0YT
www.alpce.co.uk Tel: 01488 684390

Client
BARRATT
DAVID WILSON HOMES

Project
WATER LANE, ANGMERING

Title
LIGHTING LUX PLAN
SHEET 1

Status
FOR APPROVAL

Scale	Date	Drawn	Checked
1:500 @ A1	JAN 2021	SM	SL

Drawing No: A290-131 CIV-1-4031 A
Revision: A