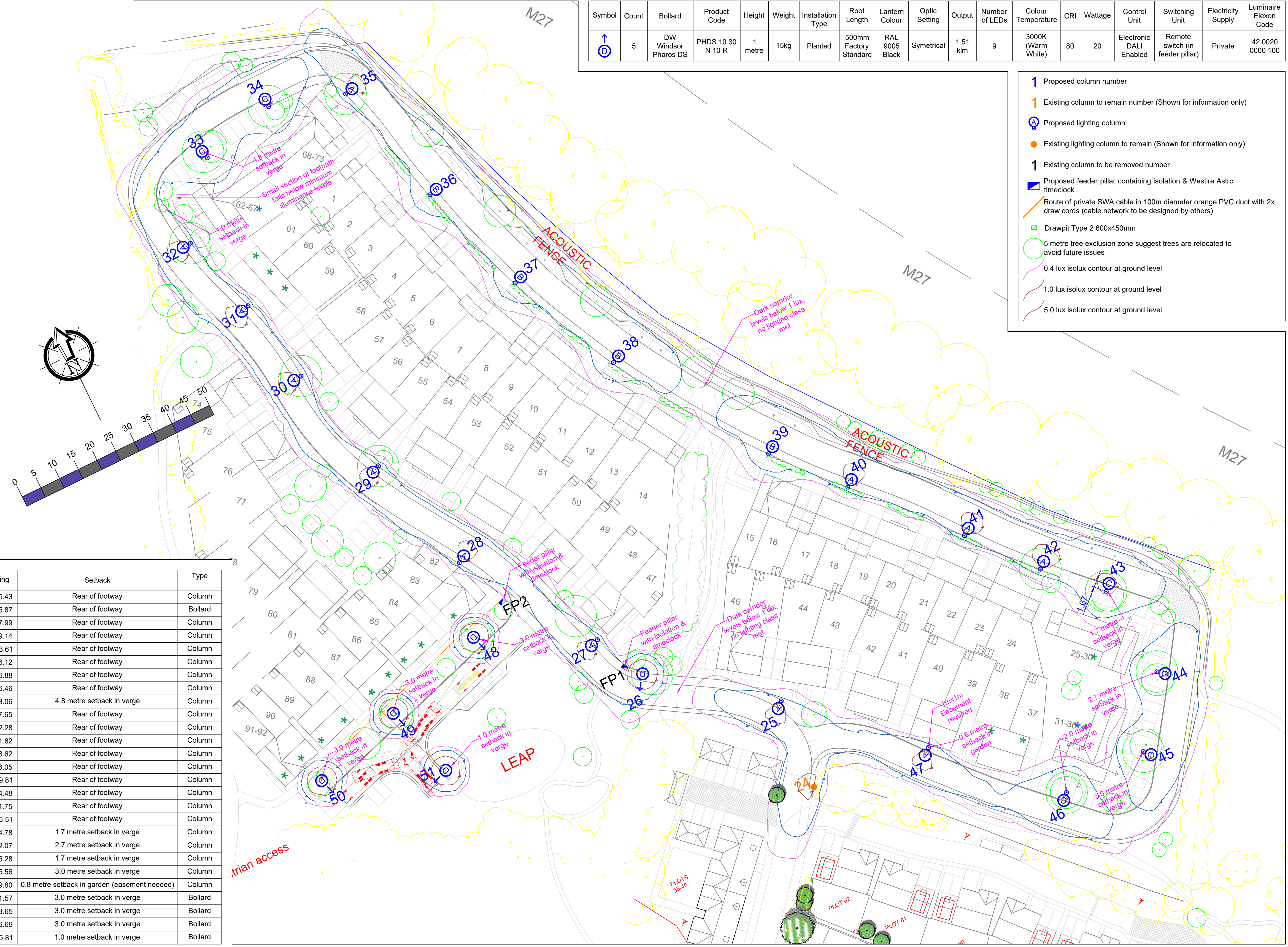


Symbol	Count	Mounting Height	Column Material	Column Type	Column Colour	Installation Type	Root Length	Lantern	Lantern Weight	Windage	Mounting	Lantern Tilt	Lantern Colour	Optic Setting	Output	Drive Current	Number of LEDs	Colour Temperature	Wattage	Socket	Control Unit	Switching Unit	Isolator	Electricity Supply	Luminaire Elexon Code	Switching Elexon Code
	12	6 metres	Galvanised Steel	Stepped tubular	BS4800 00E53 Black	Planted	1000mm Factory Standard	Urbis Axia 3.1	3.6kg	0.030m²	Post Top	0 degrees	BS4800 00E53 Black	5266 Rear Louvre	0.83 klm	300mA	8	3000K (Warm White)	9W	5 pin NEMA	Electronic DALI Enabled	Zodion SS6 20/20 NEMA photocell	DNO Isolator	DNO	42 0009 0000 100	98 0001 0010 100
	4	6 metres	Galvanised Steel	Stepped tubular	BS4800 00E53 Black	Planted	1000mm Factory Standard	Urbis Axia 3.1	3.6kg	0.030m²	Post Top	0 degrees	BS4800 00E53 Black	5267 Rear Louvre	1.03 klm	300mA	8	3000K (Warm White)	9W	5 pin NEMA	Electronic DALI Enabled	Zodion SS6 20/20 NEMA photocell	DNO Isolator	DNO	42 0009 0000 100	98 0001 0010 100
	6	6 metres	Galvanised Steel	Stepped tubular	BS4800 00E53 Black	Planted	1000mm Factory Standard	Urbis Axia 3.1	3.6kg	0.030m²	Post Top	0 degrees	BS4800 00E53 Black	5295	1.07 klm	300mA	8	3000K (Warm White)	9W	5 pin NEMA	Electronic DALI Enabled	Zodion SS6 20/20 NEMA photocell	DNO Isolator	DNO	42 0009 0000 100	98 0001 0010 100

Symbol	Count	Bollard	Product Code	Height	Weight	Installation Type	Root Length	Lantern Colour	Optic Setting	Output	Number of LEDs	Colour Temperature	CRI	Wattage	Control Unit	Switching Unit	Electricity Supply	Luminaire Elexon Code
	5	DW Windsor Pharos DS	PHDS 10 30 N 10 R	1 metre	15kg	Planted	500mm Factory Standard	RAL 9005 Black	Symetrical	1.51 klm	9	3000K (Warm White)	80	20	Electronic DALI Enabled	Remote switch (in feeder pillar)	Private	42 0020 0000 100



- Proposed column number
- Existing column to remain number (Shown for information only)
- Proposed lighting column
- Existing lighting column to remain (Shown for information only)
- Existing column to be removed number
- Proposed feeder pillar containing isolation & Westire Astro timeclock
- Route of private SWA cable in 100m diameter orange PVC duct with 2x draw cords (cable network to be designed by others)
- Drawpitt Type 2 600x450mm
- 5 metre tree exclusion zone suggest trees are relocated to avoid future issues
- 0.4 lux isolux contour at ground level
- 1.0 lux isolux contour at ground level
- 5.0 lux isolux contour at ground level

Column Number	Easting	Northing	Setback	Type
25	448593.57	110645.43	Rear of footway	Column
26	448566.54	110665.87	Rear of footway	Bollard
27	448560.40	110677.99	Rear of footway	Column
28	448538.69	110709.14	Rear of footway	Column
29	448531.50	110738.61	Rear of footway	Column
30	448524.29	110766.12	Rear of footway	Column
31	448520.29	110786.88	Rear of footway	Column
32	448514.43	110806.46	Rear of footway	Column
33	448527.07	110823.06	4.8 metre setback in verge	Column
34	448545.77	110827.65	Rear of footway	Column
35	448563.65	110822.28	Rear of footway	Column
36	448571.21	110791.62	Rear of footway	Column
37	448580.25	110763.62	Rear of footway	Column
38	448593.09	110736.05	Rear of footway	Column
39	448617.18	110699.81	Rear of footway	Column
40	448630.48	110684.48	Rear of footway	Column
41	448650.50	110661.75	Rear of footway	Column
42	448663.35	110646.51	Rear of footway	Column
43	448675.19	110634.78	1.7 metre setback in verge	Column
44	448677.63	110612.07	2.7 metre setback in verge	Column
45	448666.29	110596.28	1.7 metre setback in verge	Column
46	448645.41	110595.56	3.0 metre setback in verge	Column
47	448620.40	110619.80	0.8 metre setback in garden (easement needed)	Column
48	448533.92	110691.57	3.0 metre setback in verge	Bollard
49	448508.59	110683.65	3.0 metre setback in verge	Bollard
50	448486.07	110676.69	3.0 metre setback in verge	Bollard
51	448513.91	110665.81	1.0 metre setback in verge	Bollard

Notes

- Do not scale from drawing if not printed at original paper size.
- All street lighting equipment and works to be carried out in accordance with current Hampshire County Council specification TG13 and standard detail drawings HCC11/L & HCC11/C series.
- Contractor to confirm position of statutory undertakers plant before commencement of the works. For statutory undertakers information visit www.linesearchbeforedig.co.uk
- During works all traffic management to be in accordance with Chapter 8 of the Traffic Signs Manual.
- Lighting columns to be fed by DNO supply unless otherwise shown.
- Each luminaire to be fitted with 5-pin NEMA Socket.
- Maintenance numbers as shown on the drawing are to be confirmed by Foreman Homes. Numbering shown is a continuation of earlier development.
- Columns to be numbered using adhesive labels suitable for exterior use. Letters and numerals shall be 50mm high black on a white background.
- All apparatus are to be new at the time of installation and be supported by relevant manufacturer's guarantees.
- 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 illuminated apparatus must be installed and tested in compliance with BS7671 at the time of adoption.
- All installations shall ensure that trees, vegetation and foliage does not interfere with lighting distribution. Refer to HCC's drawing HCC11/L/085 'Areas to be kept clear of trees and shrubs'.
- This detailed design has been prepared in accordance with the HEA-HEMSA guidance note - CDM2015 regulations, issue 1.1, dated 09/04/15 Procedure 3: information has been supplied by the client or another designer or the principal designer which forms the basis of this lighting scheme design and includes the hazards identified by others on their hazard elimination and management list.
- Lanterns to be installed perpendicular to the kerb edge, unless stated on the drawing
- Columns must be setback at least 0.8 metres from the kerb edge (30mph).
- Cable ducts below footways to be >450mm below finished level; ducts below carriageways to be >600mm below finished level. See NJUG "Guidelines on the Positioning and Colour Coding of Underground Utilities Apparatus".
- 150mm-wide yellow heavy gauge PVC tape marked "street lighting" to be placed over private cables/ducts.

SAFETY HEALTH AND ENVIRONMENTAL (SHE) INFORMATION

Please refer to: Hazard Elimination List Document Ref: EVO331011-HE-001-B

Lighting Clases - BS5489-1:2020	
All Roads	P6

D	Redesigned with columns & bollards to address comments from ecologist	14/08/23	JLD
C	1 lux isolux contours added at various heights as per planners comments	04/04/23	JLD
B	Colour temperature changed to 3000K warm white	11/01/23	JLD
A	Original Issue	08/07/22	JLD

REV	DESCRIPTION	DATE	BY
DWG STATUS			
FOR COMMENTS			
ENERVEO			
ENERVEO - STREET LIGHTING			
1st Floor, Solent Park, Walton Road, Portsmouth, PO6 1UJ			
Email: lightingdesign@enerveo.com Tel: 0121 516 3066			
TITLE			
Section 38 - Lighting Layout			
Non Adoptable			
PROJECT			
Land Off Providence Hill, Bursledon			
CLIENT			
Foreman Homes			
SHEET NUMBER			
1 of 1			
SCALE		DATE	08/07/22
1:500		DRAWN	JLD
		CHECKED	PBS
PAPER SIZE	A1	APPROVED	SAB
DRAWING NUMBER			REVISION
EVO331011-LD-001			D