

Unit Type ID	Count	Status	Mounting Height	Column Type	Column Material	Column Colour	Installation Type	Root Length	Mounting	Luminaire Tilt	Luminaire	Optic Setting	Output (klm)	Colour Temperature	Wattage	Luminaire Weight	Windage	Control Unit	Switching Unit	Isolator
A	2	Proposed column	8 metres	Stepped tubular	Galvanised steel	Not painted	Planted	Factory standard	Post top	0 degrees	Philips BGP615 Micro Luma	DM32	5.00	Neutral white	30W (20 no. LEDs)	7.6kg	0.049m <sup>2</sup>	Electronic ballast	Photo-electric cell	Tofco DPI series
B	1	Proposed column	8 metres	Stepped tubular twin bracketed column	Galvanised steel	Not painted	Planted	Factory standard	Side entry	L1 = 0 degrees L2 = 5 degrees	L1 = Philips BGP615 Micro Luma L2 = Philips BGP621 Mini Luma	L1 = DM32 L2 = DX51	L1 = 5.00 L2 = 7.00	Neutral white	L1 = 30W (20 no. LEDs) L2 = 39W (40 no. LEDs)	L1 = 7.6kg L2 = 9.5kg	L1 = 0.049m <sup>2</sup> L2 = 0.055m <sup>2</sup>	Electronic ballast	Photo-electric cell	Tofco DPI series
C	2	Proposed column	8 metres	Stepped tubular twin bracketed column	Galvanised steel	Not painted	Planted	Factory standard	Side entry	5 degrees	Philips BGP621 Mini Luma	DM32	7.00	Neutral white	39W (40 no. LEDs)	9.5kg	0.055m <sup>2</sup>	Electronic ballast	Photo-electric cell	Tofco DPI series
D	4	Proposed column	8 metres	Stepped tubular	Galvanised steel	Not painted	Planted	Factory standard	Post top	5 degrees	Philips BGP621 Mini Luma	DX51	13.00	Neutral white	78W (40 no. LEDs)	9.5kg	0.055m <sup>2</sup>	Electronic ballast	Photo-electric cell	Tofco DPI series
E	1	Proposed column	8 metres	Stepped tubular	Galvanised steel	Not painted	Planted	Factory standard	Post top	5 degrees	Philips BGP621 Mini Luma	DX10 BL2	13.00	Neutral white	78W (40 no. LEDs)	9.5kg	0.055m <sup>2</sup>	Electronic ballast	Photo-electric cell	Tofco DPI series

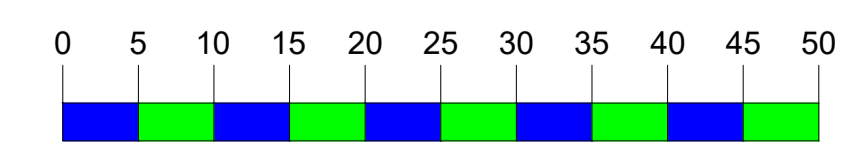
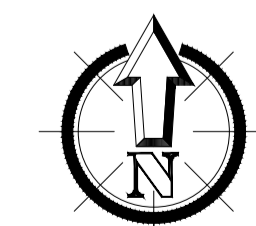
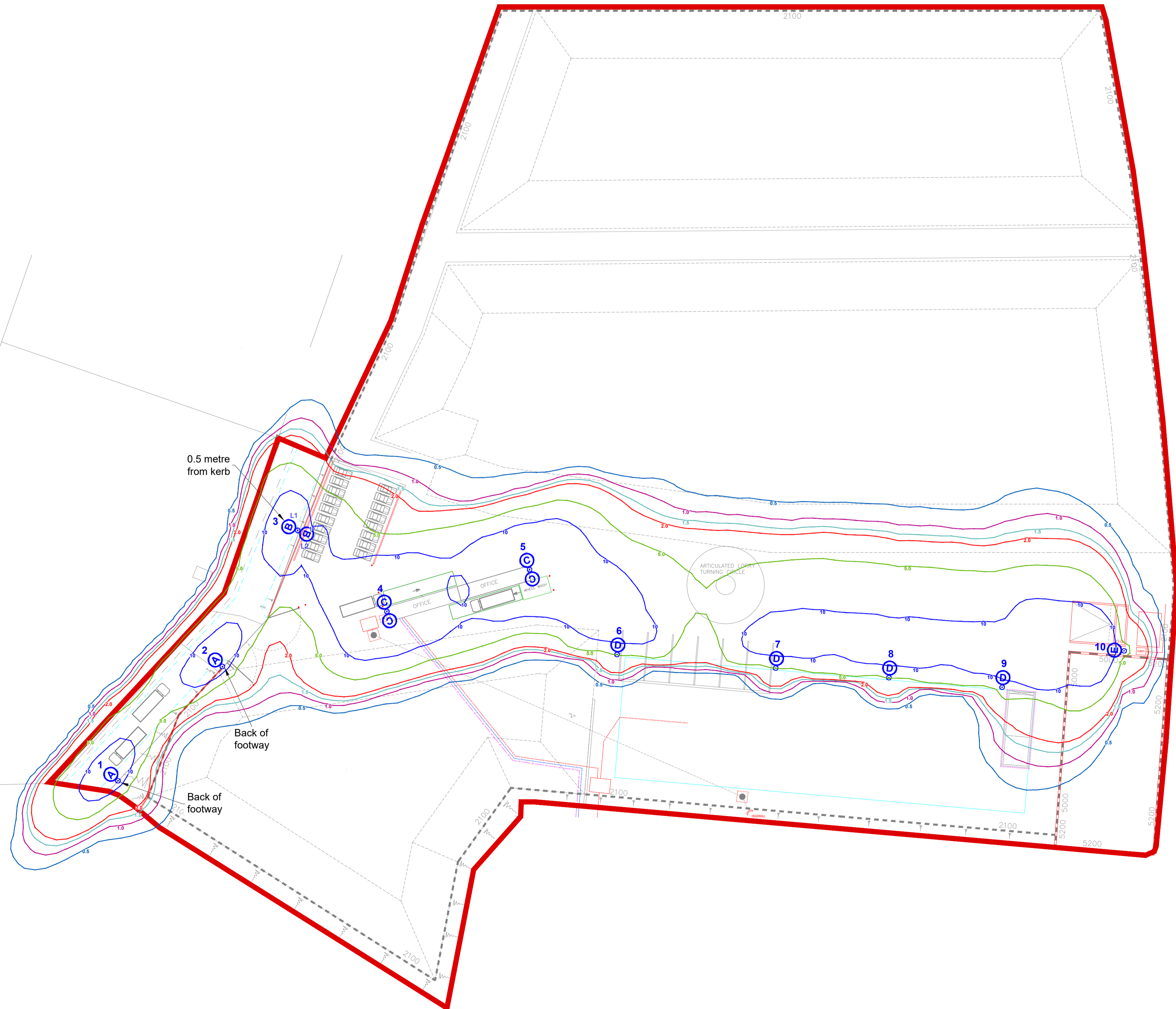
**Key**

Ⓜ Proposed street lighting column (Unit Type ID displayed inside symbol. Unit reference number displayed outside symbol).

Ⓝ Proposed street lighting column with bracket arm (Unit Type ID displayed inside symbol. Unit reference number displayed outside symbol).

Lighting levels			
Area	Average illuminance (lux)	Minium illuminance (lux)	Overall uniformity
Access Road and footway	10.01	2.64	0.26
Compound	9.62	0.19	0.02

- Notes**
- ISO Lux Contours are measured in lux.
  - Do not scale from drawing if not printed at original paper size.
  - Contractor to confirm position of statutory undertakers plant before commencement of the works. For statutory undertaker's information visit [www.linesearchbeforeudig.co.uk](http://www.linesearchbeforeudig.co.uk)
  - During works all traffic management to be in accordance with Chapter 8 of the Traffic Signs Manual.
  - Electrical supply to columns to be confirmed.
  - 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.
  - 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.



A	ORIGINAL ISSUE	17/03/20	MWG
REV	DESCRIPTION	DATE	BY

**sse Enterprise | Lighting**

SSE Enterprise - Lighting, 1st Floor, Solent Park, Walton Road, Portsmouth, PO6 1UJ

TITLE  
**EXTERNAL LIGHTING LAYOUT DRAWING**

PROJECT  
**IBA PLANT KEMSLEY KENT**

SCALE	DATE	17/03/20
<b>1:500 @ A1</b>	DRAWN	MWG
	CHECKED	-

PAPER SIZE	A1	APPROVED	-
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DRAWING NUMBER	<b>SSEdraft-LD-001</b>	REVISION	<b>A</b>
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