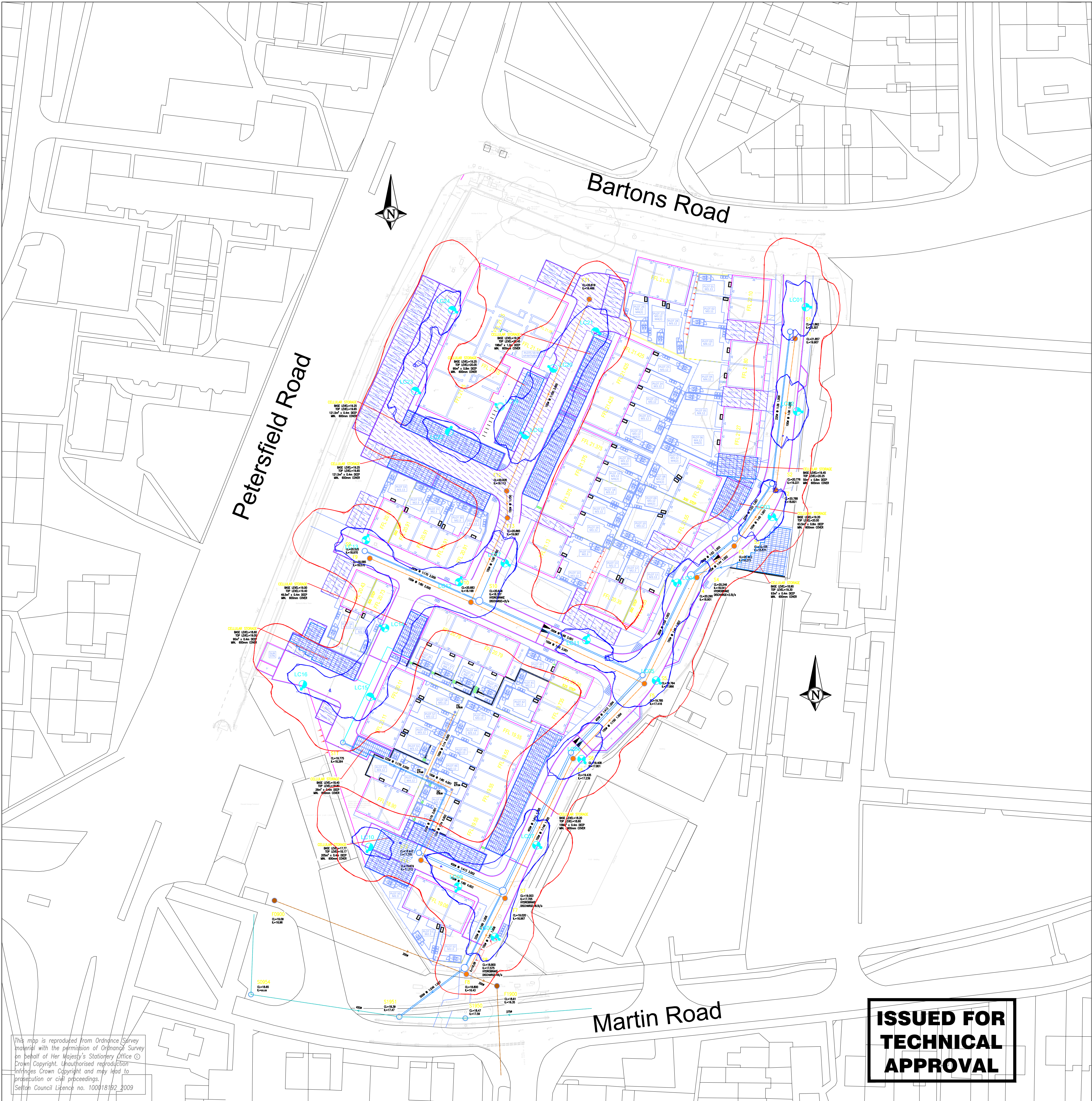




- GENERAL NOTES**
- Before construction commences, the site engineer shall ensure that all design information is mutually compatible with all other drawings and documents provided by the overseeing organisation and all drawings and documents are to be read in conjunction with one another.
 - In the event of apparent ambiguity or contradiction, Mark Kenny Lighting Consultancy Ltd and the overseeing organisation shall be notified immediately.
 - Mark Kenny Lighting Consultancy Ltd accept no liability in the event of not being notified and where construction work has commenced.
 - This lighting design has been prepared in accordance with the HEMSA/HEA Guidance Note - CDM2015 Regulations, Issue 1.1 dated 09/04/15 - Procedure 2 and The Construction (Design and Management) Regulations 2015 - PART 3 Health and safety duties and roles - 9. Duties of designers.
- STATUTORY SERVICE NOTES**
- Current statutory service record plans should be obtained by the contractor / overseeing organisation before the commencement of any street lighting installation or removal works.
 - All services are to be located and identified prior to installing or removing any lighting columns.
 - Installation and Removal works should be carried out in accordance with Energy Network Association Technical Specification 43-8, Electricity at Work Regulations 1989, Construction Design and Management (CDM) 2015 & G39/1 and all other relevant Health and Safety Executive regulations.
 - All works in the vicinity of any overhead cables shall conform to the requirements of Health and Safety Executive, Guidance Note GS6 "Avoidance of danger from overhead power lines"
 - All works in the vicinity of underground mains or cables shall conform to the requirements of Health and Safety Executive, Health and Safety Guidance HGS47 "Avoiding danger from underground services" and any additional requirements specified by the relevant undertaker.
 - The contractor will be responsible for liaison with the undertakers and for programming the agreed protection and / or diversion works to any statutory undertakers apparatus into the overall works programme
- NOTES**
- This drawing is to be used in conjunction with the accompanying lighting reality report, design risk assessment.
 - The information on this drawing does not account for installation considerations, site conditions or provide any form of risk assessment.
 - No account is taken for the blocking effect caused by buildings, trees, etc.
 - The calculation shown by this drawing assumes that the whole area being considered is in the same plane, i.e. there are no changes in gradient or elevation.
 - Column positions indicated upon this drawing may change without prior or additional notice due to local site or environmental constraints subject to designers approval.
 - Any inaccuracies are to be reported to the overseeing organisation or site engineer immediately.
 - Electrical installation work shall be carried out in accordance with the requirements of the latest edition of the IET wiring regulations, BS 7671.
 - Installations shall be carried out in accordance with Chapter 8 safety at street works and road works code of practice.
 - The existing highway lighting and illumination of highway infrastructure shall be maintained at all times. Therefore the disconnection, removal, installation and commissioning of any highway infrastructure shall be phased accordingly to ensure the lighting of the highway and illumination of highway infrastructure are not compromised.
 - The contractor shall liaise with the DNO / IDNO in relation to the programming and coordination of any works associated with the connection and disconnection of street lighting equipment.
 - It should be assumed by the contractor that not all services have been identified during the design period. It is the responsibility of the contractor to ensure that all unidentified services are carefully located and reported.
 - The contractor shall identify the location of any overhead electrical or communication equipment prior to the undertaking of any onsite works. Should the presence of such equipment be identified, the contractor shall consult with the relevant statutory undertaker for further guidance.
 - Lighting column foundations shall be designed in accordance with the manufacturer datasheet's for the columns and soil types present.
 - The developer will be required to pay any energy liability charges with their electricity supplier until the date of formal adoption of the development.
 - The developer will be responsible, unconditionally, for the condition, operation and any risk or liability of all the highways electrical equipment on all approved Section 38 agreement works until the date of formal adoption of the development.
 - The planting of trees near to lighting columns is to be avoided as future growth may inhibit lighting levels. Due to the layout of the plots and associated driveways it is inevitable that there will be conflict with proposed landscaping features. Where such instances occur the lighting will take precedence in order to satisfy the requirements of the British standard.
 - Any alterations to the positions of columns and associated equipment shown on this drawing must be referred to the designer to ensure compliance with lighting level requirements before installation.
 - Setting out should be conducted by a competent person.
 - Tree and hedge clearing may be required to locate column.
 - Column doors to face away from the traffic flow.
 - Ensure the correct orientation of lantern to road kerb line
 - Column numbering as detailed on the drawing is for reference only.

The details provided on this drawing are subject to comments by all the relevant approving authorities or overseeing organisation. No construction works shall take place until technical approval has been obtained by the approving authority or overseeing organisation. It is to be understood that these drawings and the information shown are preliminary only and shall not be used for construction. Should the contractor commence work on site prior to obtaining technical approval, then it is entirely at their own risk and no liability shall be accepted by Mark Kenny Lighting Consultancy Ltd.

Proposed galvanised tubular steel lighting column of 6.0 metre nominal height with a planted base and root protection. Lighting columns to be factory finished in BS4800 12 B 21 Mineral Green, with a two-pack polysiloxane finish above ground and two-pack extended cure MIO for root protection. Columns and lanterns to be colour-matched.*	
Luminaire Type:	Philips Signify Luma Gen2 Micro
Luminaire Reference:	Luma Gen2 Micro BGP702 10 LED
	4000K DWSE C.O.O finished in BS4800 12 B 21 Mineral Green
Mounting Type:	Post Top Mounted
Luminaire Tilt:	0°
Lumen Output:	2,600 km
Charge Code:	42 0015 0000 100
Luminaire Wattage:	15w
Colour Temperature:	Neutral White 4000K
Control Gear:	Integral electronic DALI enabled LED driver
Control Type:	7 pin Mayflower CMS node in a 6-pin S6000 socket for remote monitoring.
Dimming Profile:	CMS Controlled
Supply:	DNO/IDNO Electrical Supply Connection
Primary Isolator:	DNO/IDNO Approved Double Pole Isolator
Secondary Isolator:	6A Single Phase Double Pole Lucy Titan 2 Isolator as supplied by Lucy Zodion
Internal Wiring:	Wiring to luminaire shall be 1.5mm² PVC insulated flexible cable
Door Orientation:	Facing toward oncoming traffic
Proposed galvanised tubular steel lighting column of 6.0 metre nominal height with a planted base and root protection. Lighting columns to be factory finished in BS4800 12 B 21 Mineral Green, with a two-pack polysiloxane finish above ground and two-pack extended cure MIO for root protection. Columns and lanterns to be colour-matched.*	
Luminaire Type:	Philips Signify Luma Gen2 Micro
Luminaire Reference:	Luma Gen2 Micro BGP702 10 LED
	4000K DWSE C.O.O finished in BS4800 12 B 21 Mineral Green
Mounting Type:	Post Top Mounted
Luminaire Tilt:	0°
Lumen Output:	2,200 km
Charge Code:	42 0013 0000 100
Luminaire Wattage:	13w
Colour Temperature:	Neutral White 4000K
Control Gear:	Integral electronic DALI enabled LED driver
Control Type:	7 pin NEMA socket complete with Lucy Zodion SS6 electronic photocell switching at 20/20 Lux
Dimming Profile:	N/A
Supply:	DNO/IDNO Electrical Supply Connection
Primary Isolator:	DNO/IDNO Approved Double Pole Isolator
Secondary Isolator:	6A Single Phase Double Pole Lucy Titan 2 Isolator as supplied by Lucy Zodion
Internal Wiring:	Wiring to luminaire shall be 1.5mm² PVC insulated flexible cable
Door Orientation:	Facing toward oncoming traffic
Proposed galvanised tubular steel lighting column of 6.0 metre nominal height with a planted base and root protection. Lighting columns to be factory finished in BS4800 12 B 21 Mineral Green, with a two-pack polysiloxane finish above ground and two-pack extended cure MIO for root protection. Columns and lanterns to be colour-matched.*	
Luminaire Type:	Philips Signify Luma Gen2 Micro
Luminaire Reference:	Luma Gen2 Micro BGP702 10 LED
	4000K DWSE C.O.O finished in BS4800 12 B 21 Mineral Green
Mounting Type:	Post Top Mounted
Luminaire Tilt:	0°
Lumen Output:	1,800 km
Charge Code:	42 0011 0000 100
Luminaire Wattage:	11w
Colour Temperature:	Neutral White 4000K
Control Gear:	Integral electronic DALI enabled LED driver
Control Type:	7 pin NEMA socket complete with Lucy Zodion SS6 electronic photocell switching at 20/20 Lux
Dimming Profile:	N/A
Supply:	DNO/IDNO Electrical Supply Connection
Primary Isolator:	DNO/IDNO Approved Double Pole Isolator
Secondary Isolator:	6A Single Phase Double Pole Lucy Titan 2 Isolator as supplied by Lucy Zodion
Internal Wiring:	Wiring to luminaire shall be 1.5mm² PVC insulated flexible cable
Door Orientation:	Facing toward oncoming traffic
UNIT IDENTIFICATION KEY:	
LC** Proposed Lighting Column Identification Number	
ISOLUX CONTOUR KEY:	
1.00 Isolux Contour Line	
5.00 Isolux Contour Line	

R0	INITIAL SUBMISSION FOR REVIEW	AUG 26	MK	MK
Rev	Description	Date	Drawn	Approved



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Scheme
Bartons Road Development
Havant, Hampshire

Drawing Title
Proposed Street Lighting Layout
Sheet 1 of 1

Client: Stonebond Poperties			
Designed MK	Drawn MK	Checked MK	Date AUG 2026
Drawing No. MKL096-PLD-BART	Rev R0	Scale 1:500@A1	