



Valley Drive

Terrace T01

Block A

Maisonette M01

St Patrick's Gardens

P01
TBC

P02
TBC

P03
TBC

P05
TBC

P04
TBC

Proposed Tree to be relocated
to prevent interference with
proposed street lighting
column.

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Street Lighting Key:

- Lighting Column:**
Proposed galvalume tubular street light & lower lighting column of 5.0 metres overall height with a standard base with glass fibre rod
Column to be manufactured to:
EN 40, BS EN 1401 & BS 5489 standards
Luminaire:
Profile Luminaire Class 2 Mono factory fixed with rear shield
Post fix mounted
Mounting Type:
Luminaire Class 2 Mono factory fixed
Manufacturer Ref:
Luminaire Class 2 Mono factory fixed
Lumen Output:
1 000lm
Luminaire Voltage:
230V
Colour Temperature:
4000K Neutral White
Luminaire TBC:
0.3
Luminaire Intensity:
0.3
Control Gear:
Electronic DALI enabled driver
Control Type:
Lucy Zoonen ZOLL LED 20 lux (1 1 ratio)
Supply:
To be confirmed by others
Primary Supplier:
To be confirmed by others
Secondary Supplier:
N/A

- UNIT NUMBERING KEY:**
Private lighting unit identification number
ELECTRICAL CONNECTION TYPE:
Electrical supply to be confirmed by others
LIGHTING COLUMN CONTOUR KEY:
4.0 100% contour line
3.0 100% contour line
0.0 100% contour line

DRAWING TO BE PRINTED IN COLOUR TO ENABLE CORRECT IDENTIFICATION OF SYMBOLS, PROPOSED LIGHTING COLUMNS OR UNIT TYPES SHOWN
LIGHTING SCHEME DESIGNED IN ACCORDANCE WITH:
BS 5489-1:2005 & BS EN 12053-1:2010
SIP RATIO: 0.75
MAINTENANCE FACTOR: 0.75
LIGHTING CLASSIFICATION: P5
MIN. MAINTAINED AVERAGE ILLUMINANCE (EAV): 10.0 LUX 4.00 LUX
MIN. ILLUMINANCE (EAV): 10.0 LUX
MIN. ILLUMINANCE (UNIFORMITY): 10.0 (20%)

NOTES
ALL STREET LIGHTING IMPROVEMENTS WORK TO BE CARRIED OUT TO THE CURRENT CLIENTS SPECIFICATIONS AND AGREEMENTS.
CONTRACTOR TO CONFIRM POSITION OF EXISTING UNDERGROUND PLANT BEFORE COMMENCEMENT OF THE WORKS.
DURING WORKS ALL TRAFFIC MANAGEMENT TO BE IN ACCORDANCE WITH CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL.
PROPOSED LIGHTING COLUMNS ARE TO BE LOCATED TO THE REAR OF THE FOOTPATH WHEREVER POSSIBLE OF A MINIMUM OF 1000MM SETBACK FROM FRONT KERB EDGING.
ANY EXISTING OR PROPOSED TREES ARE TO BE CUTBACK, REMOVED OR REDUCED TO AVOID INTERFERENCE WITH THE STREET LIGHTING LUMINAIRE OR PREVENT ANY FUTURE MAINTENANCE.
IF THE AUTHORITY OR CONTRACTOR EXPERIENCE ANY PART DISCREPANCY BETWEEN THIS DRAWING OR ANY OF THE DOCUMENTS RELATING TO THIS SITE THE AUTHORITY OR CONTRACTOR MUST CONTACT THE LIGHTING CONSULTANT FOR CLARIFICATION.
UNIT NUMBERS SHOWN ARE FOR DESIGN IDENTIFICATION PURPOSES ONLY. FINAL COLUMN NUMBERING SHALL BE AGREED WITH THE OVERSEERING ORGANISATION.

REV	DESCRIPTION	DATE	BY
01	ISSUED FOR TENDER - BASE DRAWING USED FOR TENDER SUBMISSION	12/03/2024	BR

MMA
LIGHTING CONSULTANCY
Exterior Lighting Design Specialists
89 Old Bath Road, Summerfield House, Reading, RG10 3BN
Phone: 0118 271 1111 Email: info@mmlighting.co.uk

Project title	
LAND AT ST. COLUMBA'S, GRAVESEND DA12	
Drawing title	
PRIVATE STREET LIGHTING DESIGN	
SHEET 1 OF 1	
Prepared by BR	Checked by HC
Scale 1:200 @ A1	Date 12/03/2024
Drawing Number	Revision Details
MMA1854/1001	R0

CURRENT STATUTORY SERVICE RECORD PLANS SHOULD BE OBTAINED BY THE CONTRACTORS BEFORE 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. WORKS SHOULD BE CARRIED OUT IN ACCORDANCE WITH HSE G88, ENA 43.8, HSE H2641, G261 AND ALL RELEVANT HSE REGULATIONS.
DETAILS OF EXISTING STATUTORY UNDERTAKINGS PLANT ARE TO BE OBTAINED BY THE CLIENT AND THE CONTRACTOR MAY EXAMINE THESE RECORDS AT THE UNDERTAKING OFFICE. ALL WORKS IN THE VICINITY OF ANY OVERHEAD CABLES SHALL CONFORM TO THE REQUIREMENTS OF HSE GUIDANCE NOTE G88 'AVOIDANCE OF DANGER FROM OVERHEAD LINES' AND ALL WORKS IN THE VICINITY OF UNDERGROUND MAINS OR CABLES SHALL CONFORM TO THE REQUIREMENTS OF HSE GUIDANCE NOTE H2641 'WORKING DANGER FROM UNDERGROUND SERVICES' AND THE CONTRACTOR WILL BE RESPONSIBLE FOR LIFTING THE UNDERTAKING AND FOR PROGRAMMING THE AGREED PROTECTION AND/OR DIVERSION WORKS TO ANY STATUTORY UNDERTAKINGS APPROPRIATE INTO THE OVERALL WORKS PROGRAMME (THIS IS TO INCLUDE ADJUSTMENT OF STAKE COVERS).
ANY DAMAGE TO PLANT OR APPURTENANCES SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.
NO WORKS SHALL BE CONSTRUCTED UNTIL TECHNICAL APPROVAL HAS BEEN OBTAINED FROM THE OVERSEERING ORGANISATION BY THE DEVELOPER. NO WORKS SHALL BE CONSTRUCTED WITHOUT APPROVAL. IF CARRIED OUT THEN THEY WILL BE ENTIRELY AT THE DEVELOPER'S RISK, UNLESS OTHERWISE STATED WITHIN THE QUOTATION PROVIDED BY MMA LIGHTING CONSULTANCY. THIS DESIGN HAS NOT BEEN SUBMITTED FOR TECHNICAL APPROVAL.