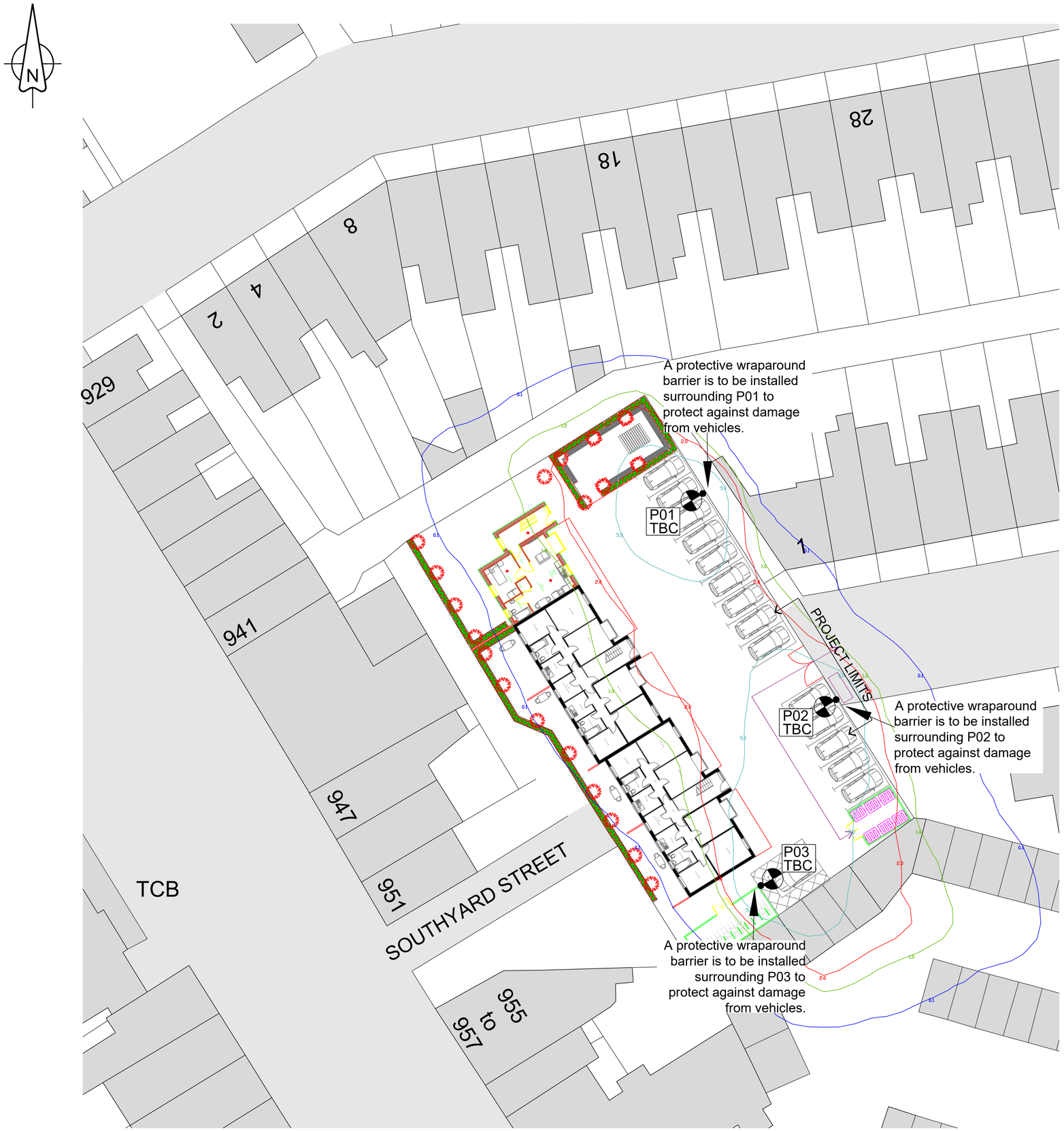


Street Lighting Key:

Symbol	Description
Qty 03	**Lighting Column:** Proposed galvanised tubular steel lighting column of 5.0 metre nominal height with a planted base with glass flake root protection. Column to be manufactured to: EN 40, BS EN 1461 & BS 5649 standards
	Luminaire: DW Windsor Kirium Pro Mini with integral rear shield
	Mounting Type: Post top mounted
	Manufacturer Ref: KIRIUM PRO MINI 8LED 3k C2 Rear Shield 650mA UMSUG 42 0016 0000 100
	Lumen Output: 1.93klm
	Luminaire Wattage: 16 w
	Colour Temperature: 3000k Warm White
	Luminaire Tilt: 0°
	Luminous Intensity: G2
	Control Gear: Electronic DALI enabled driver
	Control Type: Lucy Zodion ZCELL LED 20 lux (1:1 ratio)
	Dimming Profile: N/A
	Supply: To be confirmed by others
	Primary Isolator: Double pole Isolator with 32A double pole switch and BS88-2 6A HRC fuse to luminaire
	Secondary Isolator: N/A

UNIT NUMBERING KEY:

P* Private lighting unit identification number

ELECTRICAL CONNECTION TYPE:

TBC Electrical supply to be confirmed by others

LIGHTING ISOLUX CONTOUR KEY:

- 0.10 Isolux contour line
- 1.00 Isolux contour line
- 2.00 Isolux contour line
- 5.00 Isolux contour line

NOTES:

ALL STREET LIGHTING IMPROVEMENTS WORK TO BE CARRIED OUT TO THE CURRENT CLIENT SPECIFICATIONS AND AGREEMENTS.

CONTRACTOR TO CONFIRM POSITION OF STATUTORY UNDERTAKERS 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 OR A MINIMUM OF 800mm SETBACK FROM FRONT KERB EDGING.

ANY EXISTING OR PROPOSED TREES ARE TO BE CUTBACK, REMOVED OR RELOCATED TO AVOID INTERFERENCE WITH THE STREET LIGHTING LUMINAIRE OR PREVENT ANY FUTURE MAINTENANCE.

IF THE CLIENT OR CONTRACTOR EXPERIENCE ANY PART DISCREPANCY BETWEEN THIS DRAWING OR ANY OF THE DOCUMENTS RELATING TO THIS SITE THE CLIENT OR CONTRACTOR MUST CONTACT THE LIGHTING DESIGNER FOR CLARIFICATION.

UNIT NUMBERS SHOWN ARE FOR DESIGN IDENTIFICATION PURPOSES ONLY.

FINAL COLUMN NUMBERING SHALL BE AGREED WITH THE CLIENT.

DRAWING TO BE PRINTED IN COLOUR TO ENABLE CORRECT IDENTIFICATION OF SYMBOLS, PROPOSED LIGHTING CABLING OR LINETYPES SHOWN

LIGHTING SCHEME DESIGNED IN ACCORDANCE WITH:
BS 12464-2:2014, BS 5489-1:2020 & BS EN 13201-2:2015

S/P RATIO: N/A
MAINTENANCE FACTOR: 0.76

LIGHTING CLASSIFICATION CAR PARK: BS 5489-1:2020 TABLE 4

MINIMUM MAINTAINED AVERAGE ILLUMINANCE (EAV): >5.00 LUX
EMIN/EAV (UNIFORMITY): >0.25 (25%)

NO WORKS SHALL BE CONSTRUCTED UNTIL TECHNICAL APPROVAL HAS BEEN OBTAINED FROM THE LOCAL AUTHORITY BY THE DEVELOPER. SHOULD WORKS BE CONSTRUCTED WITHOUT APPROVAL THEY WILL BE ENTIRELY AT THE DEVELOPERS RISK. UNLESS OTHERWISE STATED WITHIN THE QUOTATION PROVIDED BY MMA LIGHTING CONSULTANCY MMA LIGHTING CONSULTANCY HAVE NOT SUBMITTED THIS DESIGN FOR TECHNICAL COMMENTS/APPROVAL.

REV	AMENDMENT	DATE	INITIAL
R0	"INITIAL DESIGN BASED ON "Langdale Mews - Site Plan"	16/05/2025	BT

MAJOR STATS RECORDS USING INFORMATION SUPPLIED BY CLIENT. ACTUAL STATS SHOULD ALWAYS BE OBTAINED BY THE CLIENT BEFORE COMMENCEMENT OF ANY WORK. THIS IS NOT A DEFINITIVE LIST AND OTHER SERVICES WILL EXIST, HOWEVER THE MAJOR ONES ARE SHOWN TO ASSIST THE DEVELOPER

MAJOR STATS	YES	NO	EASEMENT
HV U/GROUND	TBC	TBC	TBC
HV OVERHEAD	TBC	TBC	TBC
LV OVERHEAD	TBC	TBC	TBC
MP GAS	TBC	TBC	TBC

MAJOR STATS	YES	NO	EASEMENT
IP GAS	TBC	TBC	TBC
HP GAS	TBC	TBC	TBC
BT OVERHEAD	TBC	TBC	TBC

NO INFORMATION FOR ELECTRICITY, GAS AND WATER HAVE BEEN PROVIDED. AS SUCH THE STREET LIGHTING DESIGN SHOULD NOT BE BUILT UNTIL FULL INFORMATION HAS BEEN PROVIDED AND THE PROPOSED LAMP COLUMN POSITIONS CHECKED AGAINST THE STATS DETAILS TO ENSURE NO CONFLICT OR DANGER TO LIVES.

CURRENT STATUTORY SERVICE RECORD PLANS SHOULD BE OBTAINED BY THE CONTRACTOR/OVERSEEING ORGANISATION 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 GS6, ENA 43-8, HSE HGS47, G39/1 AND ALL RELEVANT HSE REGULATIONS.

DETAILS OF EXISTING STATUTORY UNDERTAKERS PLANT ARE TO BE OBTAINED BY THE CLIENT AND THE CONTRACTOR MAY EXAMINE THESE RECORDS AT THE ENGINEERS OFFICE. ALL WORKS IN THE VICINITY OF ANY OVERHEAD CABLES SHALL CONFORM TO THE REQUIREMENTS OF HSE GUIDANCE NOTE GS6 "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 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 (THIS IS TO INCLUDE ADJUSTMENT OF STATS COVERS).
ANY DAMAGE TO PLANT OR APPARATUS SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.

NO WORKS SHALL BE CONSTRUCTED UNTIL TECHNICAL APPROVAL HAS BEEN OBTAINED FROM THE OVERSEEING ORGANISATION BY THE DEVELOPER. NO WORKS SHALL BE CONSTRUCTED WITHOUT APPROVAL. IF CARRIED OUT THEN THEY WILL BE ENTIRELY AT THE DEVELOPERS RISK. UNLESS OTHERWISE STATED WITHIN THE QUOTATION PROVIDED BY MMA LIGHTING CONSULTANCY, THIS DESIGN HAS NOT BEEN SUBMITTED FOR TECHNICAL APPROVAL.

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Project title
LANGDALE MEWS

Drawing title
PRIVATE STREET LIGHTING DESIGN
SHEET 1 OF 1

Prepared by BT	Checked by HC
Scale 1:200 @ A1	Date 16/05/2025
Drawing Number MMA19394/001	Revision Details R0