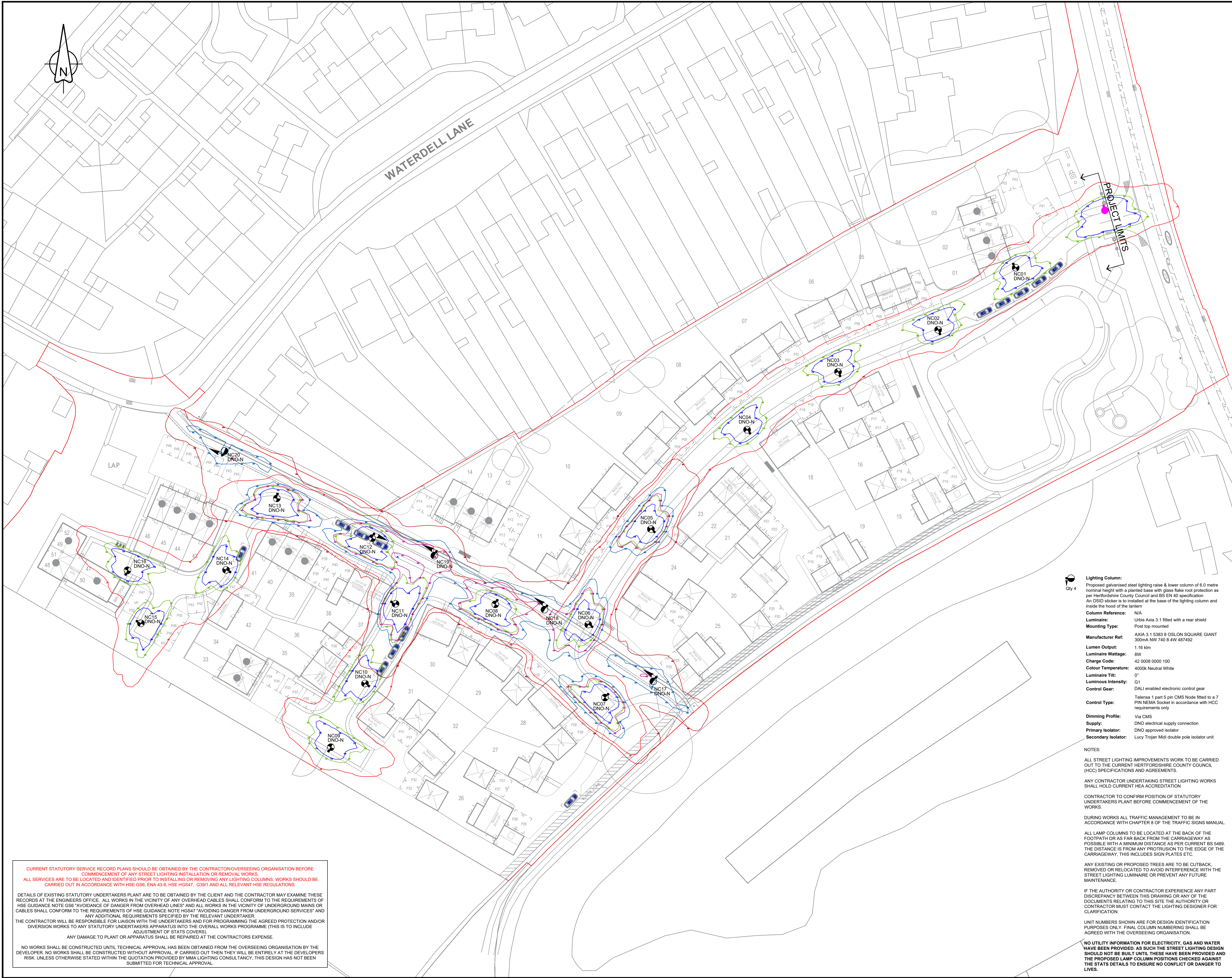




Street Lighting Key:

Symbol	Description
	Lighting Column: Qty 15 Proposed galvanneal steel lighting column of 6.0 metre nominal height with a planted base with glass flake root protection as per Hertfordshire County Council and BS EN 40 specification An OSID sticker is to be installed at the base of the lighting column and inside the hood of the lantern Column Reference: N/A Luminaire: Urbis Axia 3.1 fitted with a rear shield Mounting Type: Post top mounted Manufacturer Ref: AXIA 3.1 5418 8 OSLO SQUARE GIANT Drv 700mA NW 740 18.3W 567902 Lumen Output: 2.64 km Luminaire Wattage: 18W Charge Code: 42 0018 0000 100 Colour Temperature: 4000K Neutral White Luminaire Tilt: 0° Luminous Intensity: G3 Control Gear: DALI enabled electronic control gear Control Type: Telensa 1 part 5 pin CMS Node fitted to a 7 PIN NEMA Socket in accordance with HCC requirements only Dimming Profile: Via CMS Supply: DNO electrical supply connection Primary Isolator: DNO approved isolator Secondary Isolator: Lucy Trojan Midi double pole isolator unit
	Lighting Column: Qty 1 Proposed galvanneal steel lighting raise & lower column of 6.0 metre nominal height with a planted base with glass flake root protection as per Hertfordshire County Council and BS EN 40 specification An OSID sticker is to be installed at the base of the lighting column and inside the hood of the lantern Column Reference: N/A Luminaire: Urbis Axia 3.1 fitted with a rear shield Mounting Type: Post top mounted Manufacturer Ref: AXIA 3.1 5418 8 OSLO SQUARE GIANT Drv 700mA NW 740 18.3W 567902 Lumen Output: 2.64 km Luminaire Wattage: 18W Charge Code: 42 0018 0000 100 Colour Temperature: 4000K Neutral White Luminaire Tilt: 0° Luminous Intensity: G3 Control Gear: DALI enabled electronic control gear Control Type: Telensa 1 part 5 pin CMS Node fitted to a 7 PIN NEMA Socket in accordance with HCC requirements only Dimming Profile: Via CMS Supply: DNO electrical supply connection Primary Isolator: DNO approved isolator Secondary Isolator: Lucy Trojan Midi double pole isolator unit
	Existing lighting column to remain (contributory lighting purposes only)
	Denotes direction of travel for raise/lower lighting column
NC*	UNIT NUMBERING KEY: Proposed lighting column identification number
DNO	ELECTRICAL CONNECTION TYPE: Proposed Distribution Network Operator electrical supply connection
	LIGHTING ISOLUX CONTOUR KEY: 7.5 Isolux contour line 5.0 Isolux contour line 1.0 Isolux contour line

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 5489-1:2020 & BS EN 13201-2:2015

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

LIGHTING CLASSIFICATION: P4

MIN. MAINTAINED AVERAGE ILLUMINANCE (EAV): >5.00 LUX <7.50 LUX
MIN. ILLUMINANCE (EMIN): >1.00 LUX
EMIN/EAV (UNIFORMITY): >0.20 (20%)

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 5489-1:2020 & BS EN 13201-2:2015

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

FOOTPATH LIGHTING CLASSIFICATION: P5

MIN. MAINTAINED AVERAGE ILLUMINANCE (EAV): >3.00 LUX <4.50 LUX
MIN. ILLUMINANCE (EMIN): >0.60 LUX
EMIN/EAV (UNIFORMITY): >0.20 (20%)

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 - BASE DRAWING USED 'S' lppolyts - Gosmore - Site Layout	08/12/2025	BR
R1	TIE IN COLUMN ADJUSTED	06/07/2026	BR

MMA

LIGHTING CONSULTANCY

Exterior Lighting Design Specialists

99 Old Bath Road, Summer Field House, Reading, RG10 9QN
Phone: 0118 321 5535 Email: info@mma-consultancy.co.uk
www.mma-consultancy.co.uk

Project title	
ST LPPOLYTS	
Drawing title	
S38 STREET LIGHTING DESIGN SHEET 1 OF 1	
Prepared by BR	Checked by HC
Scale 1:500 @ A1	Date 06/07/2026
Drawing Number MMA19973/001	Revision Details R1

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 G86, ENA 43-8, HSE HGS47, G391 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 G86 '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.

Lighting Column:
Qty 4
Proposed galvanneal steel lighting raise & lower column of 6.0 metre nominal height with a planted base with glass flake root protection as per Hertfordshire County Council and BS EN 40 specification
An OSID sticker is to be installed at the base of the lighting column and inside the hood of the lantern
Column Reference: N/A
Luminaire: Urbis Axia 3.1 fitted with a rear shield
Mounting Type: Post top mounted
Manufacturer Ref: AXIA 3.1 5383 8 OSLO SQUARE GIANT
300mA NW 740 6.4W 487492
Lumen Output: 1.16 km
Luminaire Wattage: 9W
Charge Code: 42 0008 0000 100
Colour Temperature: 4000K Neutral White
Luminaire Tilt: 0°
Luminous Intensity: G1
Control Gear: DALI enabled electronic control gear
Control Type: Telensa 1 part 5 pin CMS Node fitted to a 7 PIN NEMA Socket in accordance with HCC requirements only
Dimming Profile: Via CMS
Supply: DNO electrical supply connection
Primary Isolator: DNO approved isolator
Secondary Isolator: Lucy Trojan Midi double pole isolator unit

NOTES:

ALL STREET LIGHTING IMPROVEMENTS WORK TO BE CARRIED OUT TO THE CURRENT HERTFORDSHIRE COUNTY COUNCIL (HCC) SPECIFICATIONS AND AGREEMENTS.

ANY CONTRACTOR UNDERTAKING STREET LIGHTING WORKS SHALL HOLD CURRENT HEA ACCREDITATION

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.

ALL LAMP COLUMNS TO BE LOCATED AT THE BACK OF THE FOOTPATH OR AS FAR BACK FROM THE CARRIAGEWAY AS POSSIBLE WITH A MINIMUM DISTANCE AS PER CURRENT BS 5489. THE DISTANCE IS FROM ANY PROTRUSION TO THE EDGE OF THE CARRIAGEWAY, THIS INCLUDES SIGN PLATES ETC.

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 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 DESIGNER FOR CLARIFICATION.

UNIT NUMBERS SHOWN ARE FOR DESIGN IDENTIFICATION PURPOSES ONLY. FINAL COLUMN NUMBERING SHALL BE AGREED WITH THE OVERSEEING ORGANISATION.

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