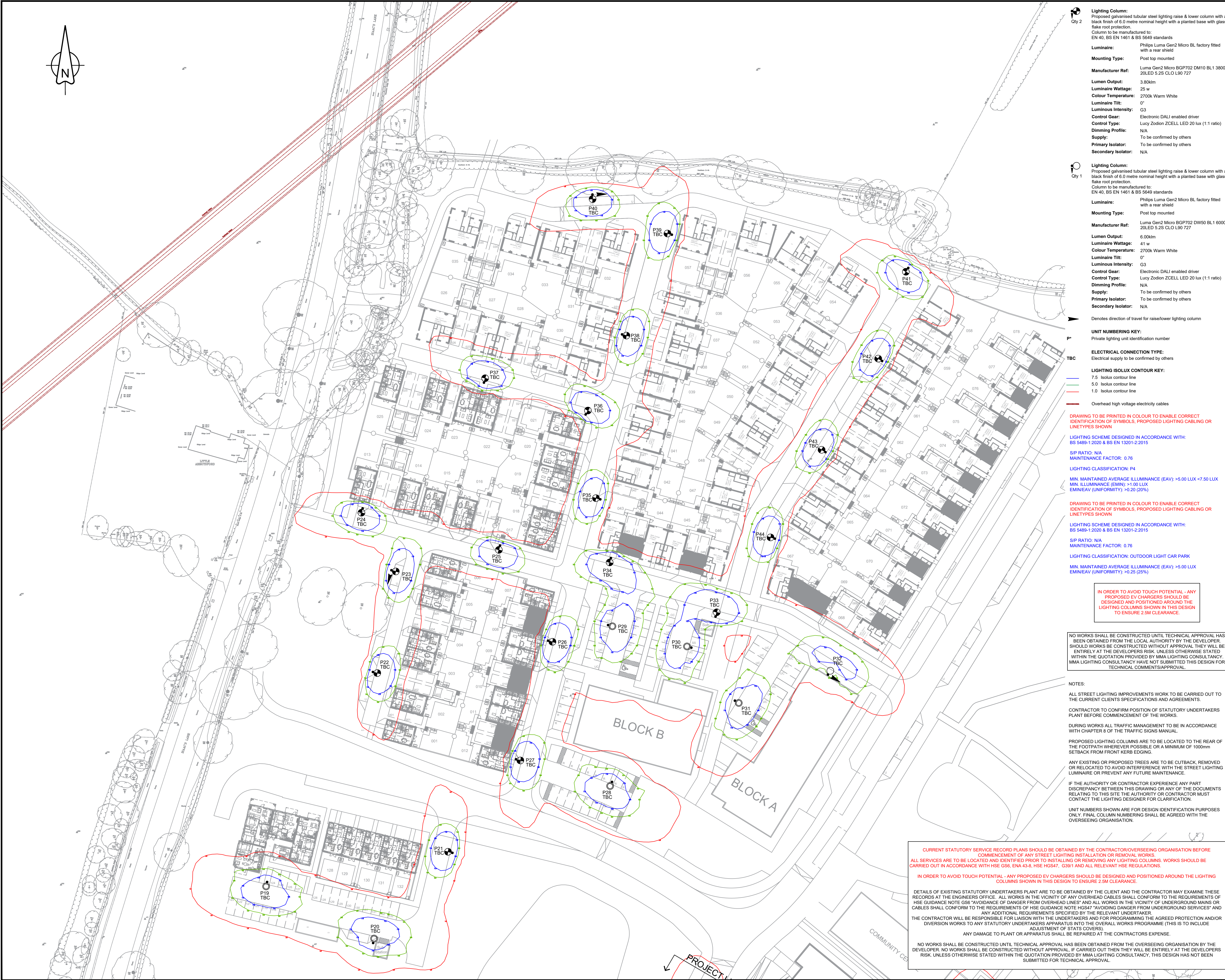




Lighting Column:
Proposed galvanised tubular steel lighting raise & lower column with a black finish of 6.0 metre nominal height with a planted base with glass flake root protection.
Column to be manufactured to:
EN 40, BS EN 1461 & BS 5649 standards

Luminaire: Philips Luma Gen2 Micro BL factory fitted with a rear shield

Mounting Type: Post top mounted

Manufacturer Ref: Luma Gen2 Micro BGP702 DM10 BL1 3800 20LED 5.2S CLO L90 727

Lumen Output: 3.80km

Luminaire Wattage: 25 w

Colour Temperature: 2700K Warm White

Luminaire Tilt: 0°

Luminous Intensity: G3

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: To be confirmed by others

Secondary Isolator: N/A

Lighting Column:
Proposed galvanised tubular steel lighting raise & lower column with a black finish of 6.0 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: Philips Luma Gen2 Micro BL factory fitted with a rear shield

Mounting Type: Post top mounted

Manufacturer Ref: Luma Gen2 Micro BGP702 DW50 BL1 6000 20LED 5.2S CLO L90 727

Lumen Output: 6.00km

Luminaire Wattage: 41 w

Colour Temperature: 2700K Warm White

Luminaire Tilt: 0°

Luminous Intensity: G3

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: To be confirmed by others

Secondary Isolator: N/A

UNIT NUMBERING KEY:
Private lighting unit identification number

ELECTRICAL CONNECTION TYPE:
Electrical supply to be confirmed by others

LIGHTING ISOLUX CONTOUR KEY:
7.5 Isolux contour line
5.0 Isolux contour line
1.0 Isolux contour line

Overhead high voltage electricity cables

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

LIGHTING CLASSIFICATION: OUTDOOR LIGHT CAR PARK

MIN. MAINTAINED AVERAGE ILLUMINANCE (EAV): >5.00 LUX

EMIN/EAV (UNIFORMITY): >0.25 (25%)

IN ORDER TO AVOID TOUCH POTENTIAL - ANY PROPOSED EV CHARGERS SHOULD BE DESIGNED AND POSITIONED AROUND THE LIGHTING COLUMNS SHOWN IN THIS DESIGN TO ENSURE 2.5M CLEARANCE.

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.

NOTES:

ALL STREET LIGHTING IMPROVEMENTS WORK TO BE CARRIED OUT TO THE CURRENT CLIENTS 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 1000mm 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 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.

CURRENT STATUTORY SERVICE RECORD PLANS SHOULD BE OBTAINED BY THE CONTRACTOR/OVERSEEING ORGANISATION BEFORE 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 HG547, G3/1 AND ALL RELEVANT HSE REGULATIONS.

IN ORDER TO AVOID TOUCH POTENTIAL - ANY PROPOSED EV CHARGERS SHOULD BE DESIGNED AND POSITIONED AROUND THE LIGHTING COLUMNS SHOWN IN THIS DESIGN TO ENSURE 2.5M CLEARANCE.

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 HG547 '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.

Street Lighting Key:

Symbol

Lighting Column:
Proposed galvanised tubular steel lighting column with a black finish of 6.0 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: Philips Luma Gen2 Micro BL factory fitted with a rear shield

Mounting Type: Post top mounted

Manufacturer Ref: Luma Gen2 Micro BGP702 DM10 BL1 3800 20LED 5.2S CLO L90 727

Lumen Output: 3.80km

Luminaire Wattage: 25 w

Colour Temperature: 2700K Warm White

Luminaire Tilt: 0°

Luminous Intensity: G3

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: To be confirmed by others

Secondary Isolator: N/A

Lighting Column:
Proposed galvanised tubular steel lighting column with a black finish of 6.0 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: Philips Luma Gen2 Micro BL factory fitted with a rear shield

Mounting Type: Post top mounted

Manufacturer Ref: Luma Gen2 Micro BGP702 DW50 BL1 6000 20LED 5.2S CLO L90 727

Lumen Output: 6.00km

Luminaire Wattage: 41 w

Colour Temperature: 2700K Warm White

Luminaire Tilt: 0°

Luminous Intensity: G3

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: To be confirmed by others

Secondary Isolator: N/A

Lighting Column:
Proposed galvanised tubular steel lighting column with a black finish of 6.0 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: Philips Luma Gen2 Micro

Mounting Type: Post top mounted

Manufacturer Ref: Luma Gen2 Micro BGP702 DW50 5000 20LED 5.2S CLO L90 727

Lumen Output: 5.00km

Luminaire Wattage: 33 w

Colour Temperature: 2700K Warm White

Luminaire Tilt: 0°

Luminous Intensity: G3

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: To be confirmed by others

Secondary Isolator: N/A

REV	AMENDMENT	DATE	INITIAL
R0	INITIAL DESIGN - BASE DRAWING USED 'NAT-CLC-ZZZ-XX-M-A-00000-Site Layout Plan'	10/08/2026	BR

MMA

LIGHTING CONSULTANCY

Exterior Lighting Design Specialists

99 Old Bath Road, Summer Field House, Reading, RG10 9QN

Phone: 0118 321 5636 Email: info@mma-consultancy.co.uk

www.mma-consultancy.co.uk

Project title BURGESS HILL PHASE 1C PRIVATE			
Drawing title PRIVATE STREET LIGHTING DESIGN SHEET 2 OF 2			
Prepared by BR	Checked by HC		
Scale 1:500 @ A1	Date 10/08/2026		
Drawing Number MMA20329/002	Revision Details R0		