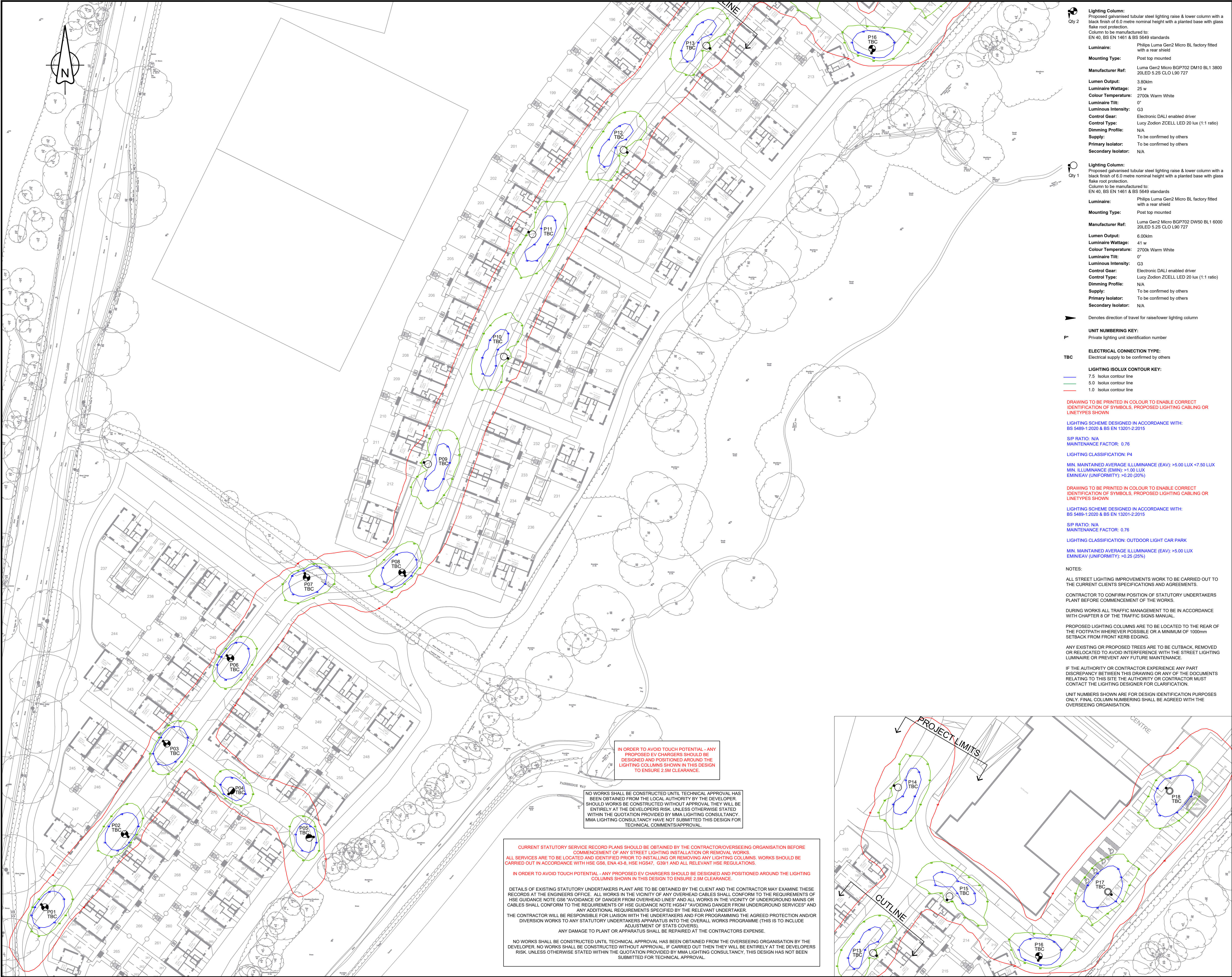




Lighting Column:
Proposed galvanised tubular steel lighting raise & lower column with a black finish of 6.0 metre nominal height with a planted base with glass flake roof protection.
Column to be manufactured to: EN 40, BS EN 1461 & BS 5649 standards

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

Mounting Type: Post top mounted

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 roof 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

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

Denotes direction of travel for raise/lower lighting column

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

DRAWING TO BE PRINTED IN COLOUR TO ENABLE CORRECT IDENTIFICATION OF SYMBOLS, PROPOSED LIGHTING CABLEING 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 CABLEING 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%)

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.

Street Lighting Key:

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 roof 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

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 roof 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

Lumen Output: 2.80km

Luminaire Wattage: 18 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 roof 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

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 roof protection.
Column to be manufactured to: EN 40, BS EN 1461 & BS 5649 standards

Luminaire: Philips Luma Gen2 Micro

Mounting Type: Post top mounted

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 'NATC-CLA-ZZZ-XX-M-A-0000-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 5936 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 1 OF 2	
Prepared by BR	Checked by HC
Scale 1:500 @ A1	Date 10/08/2026
Drawing Number MMA20329/001	Revision Details R0