SCALE: 1:500 VP1

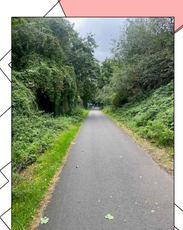
CCTV Post no.: 1
[365429; 175668]
Camera 1 & 2

CCTV Post no.: 2
[365542; 175666]
Camera 3 & 4

CCTV Post no.: 3
[365681; 175640]
Camera 5 & 6





SCALE: 1:500 VP2

CCTV Post no.: 4
[365784; 175601]
Camera 7 & 8

CCTV Post no.: 5
[365891; 175554]
Camera 9 & 10

CCTV Post no.: 6
[366000; 175512]
Camera 11 & 12

CCTV Post no.: 7
[366108; 175460]
Camera 13 & 14



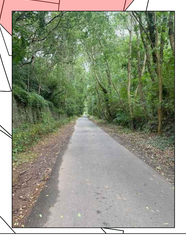


SCALE: 1:500 VP3

CCTV Post no.: 8
[366208; 175409]
Camera 15 & 16

CCTV Post no.: 9
[366311; 175359]
Camera 17 & 18

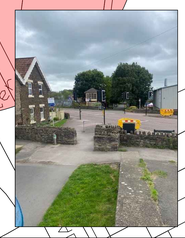
CCTV Post no.: 10
[366412; 175359]
Camera 19 & 20






SCALE: 1:500 VP4

CCTV Post no.: 11
[367097; 173541]
Camera 21 & 22

0 10 20 50
Scale Bar 1:500 (metres)

CUTLINE "A"

CUTLINE "B"

EQUIPMENT SPECIFIC

CCTV post equipped with 2 cameras (back to back) on 6m high **raise & lower** columns. Column to be manufactured by CU Phosco Lighting ref no.: RM506T01DL2NLIPW/GFR with glass flake root (GFR) protection.
Column to receive a double-arm camera fixing bracket
Cameras are to be manufactured by HIK Vision, ref.: Colourview DS-2CD2647G2HT-LIZS, 4Megapixel resolution, SMART hybrid, bullet network camera. Range: 60m, viewing angle: 114°

114° viewing angle

ORDNANCE SURVEY

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NOTES

1. All dimensions are in metres unless noted otherwise.
2. The road lighting installation is to comply with South Gloucestershire Council's requirements in accordance with the Developer Specification and Street Lighting Policy.
3. The new lighting columns and their DNO / eDNO electrical supplies shall be installed in land dedicated for ownership to the Council by the Developer enabling continuity of installation and maintenance access. Should property access require column(s) to be repositioned the Developer shall notify the Council to obtain agreed alternative position(s).
4. All equipment and installation works shall comply with relevant British Standards. For this development, the equipment detailed in the section equipment specific shall be installed. Prior to any installation or road lighting works commencing on site, alternative equipment may be considered for approval by the Council subject to agreement for suitability, design, lighting performance and operational costs.

EQUIPMENT GENERAL

1. Unless otherwise shown the columns shall be installed to the Type 2 foundation (see standard drawing no.: SGSD/1300/01A) in the rear of the footpath or similar off-set when in verge. Column pots may also be used after gaining prior consent of the SGC Lighting Engineer of the proposed column pot installation.

   On cycle-paths / shared cycle-paths: unless otherwise shown, the columns shall be installed behind and out of the cycle-path / shared cycle-path with a 0.5m clearance from the back edging of the path, if possible.
2. All street lighting lanterns are to be switched by a one part electronic negative ratio (1:0.5) photo-electric control unit (PECU) manufactured by Westire Technology Ltd type 8480 set to switch on at 35 lux unless otherwise stated in Equipment Specific.
   (Elexon UMSO Charge Code: 99 0001 0000 100 for VPSR and 94 0001 1000 100 for non-dimmed)
3. All street lighting lanterns are to be fitted with an electronic LED driver, factory pre-programmed to CLO operation and SGC's approved dimming regime set out by the Street Lighting Policy:
   - 75% until 11:00 pm (GMT)
   - 25% between 11:00 pm (GMT) and 6:00 am (GMT)
   - 75% from 6:00 am (GMT)

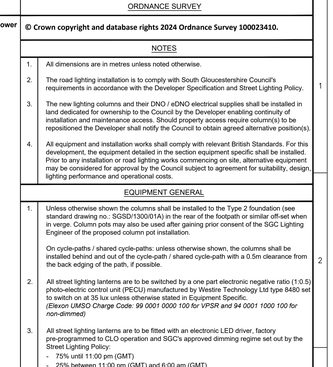
   (Elexon's VPSR switch regime: DJ5)
4. **All electrical supplies for the road lighting equipment and illuminated road traffic signs shall be provided by a DNO / eDNO unless otherwise stated in equipment specific.**
   Street Lighting Furniture installed on refuge or traffic calming or central islands will receive subfused Local Authority cabled supplies, installed in accordance with South Gloucestershire Council's Developer Specification.
5. The lighting equipment identification numbering shall be according to standard drawing no SGSD/1300/20. The S/L numbering detailed upon the lay-out plan is for guidance and the actual numbering used shall be consecutive numbers applied for each separately addressed named road or footpath. The consecutive lighting numbering system applied shall be only numerical and commence in each road with the start of the adjacent property numbering system.
6. Any proposed amendments to the development layout and/or lighting scheme shall be approved by the Council prior to works commencing and/or completion on site.
7. Existing columns: Where lanterns are to be replaced on existing columns, the cut outs will be changed to DP1/1F, 2F or 3F depending on no. of lanterns/outgoing circuits etc.
8. Local Authority private supply cables shall be ducted and installed to the Council's specification.
9. Ducting Requirements:
   a) Carriageway: minimum **100mm** internal ø ducting laid at **750mm** depth to cover.
   b) Footway / Cycleway / Verge: minimum **50mm** internal ø ducting laid at **450mm** depth to cover.
   c) Local Authority street lighting cabling shall have **orange** ducting.
   d) DNO / eDNO cabling shall have **black** ducting.
   e) All ducting to have a 6mm² draw rope.
   f) Carriageway crossings shall have a minimum of 2 ducts laid.
10. All street lighting furniture removed that is deemed to be re-usable will be returned to SGC's works depot at Engine Common Lane, Yate. Contact: Andy Porter (01454 863982)

NOTE GENERAL

1. The developer will be responsible for ensuring columns or electrical equipment are tested to BS7671 and certified before connection of electricity board supplies. Columns connected to the electricity board's system will be advised to the council and forwarded to the SGC development section for control purposes.
2. The final numbering system will be approved by SGC prior to the issuing of completion certificates.
   Prior adoption the developer will provide up to date testing and inspection reports i.e.: completion certificates, and these will be consistent with the final numbering system.
3. The developer is responsible for the ongoing maintenance and energy costs of the lighting columns until formal adoption takes place.
4. SGC will carry out a full street lighting inspection to ensure compliance to specification. Any remedial works required shall be carried out following the part one inspection. A part two inspection will be required to ensure the remedial works are satisfactory. Any subsequent or non-standard inspections will be recharged on a time basis to the developer.

LOCATION PLAN

Not to scale



Rev	Description	Drawn	App'd	Date

South Gloucestershire Council
COMMUNITY SERVICES DIRECTORATE
DIRECTOR
Nigel Rigler

StreetCare

Street Lighting
South Gloucestershire Council
Department for Environment & Community Services
StreetCare & Transport Services
PO Box: 1954, Bristol, BS37 0DD
Telephone 01454 863970
Email: streetlightingops@southglos.gov.uk

Project

WECA - CRSTS
BRISTOL TO BATH CYCLEPATH
MANGOTSFIELD TO BITTON

Title

CCTV LOCATIONS
& VIEWING ANGLE

Development drawing ref:	N/A		
Consultant	DfP	SGC Profess	SLD-621
Scale @ A0	1:500	Drawn	PL
Date	Sept 2024	Approved	PW

Dwg No. SLD-621-CCTV Rev.

Acad Ref.: I:\stor1\Shared\01\Community Services\Shared Items\Areas\STREET CARE\STREET LIGHTING\Design\Design Requests\SLD-621 - WECA - CRSTS - Bristol to Bath Cyclepath\Drawings\SLD-621-CCTV.dwg (Dec 23, 2024 - 5:16pm)