



Note: Less than 1.0 Lux over spilling onto nearby residential properties along entire footpath. Natural moonlight is measure between 0.5 & 1.0 Lux.

**SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION**

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING SIGNIFICANT RESIDUAL RISKS (REFERENCE SHALL ALSO BE MADE TO THE DESIGN RISK ASSESSMENT).

**CONSTRUCTION:**

- EXISTING UNDERGROUND HV & LV CABLES ARE PRESENT. REFER TO UTILITY STATS RECORDS.
- EXISTING UNDERGROUND INTERMEDIATE OR MEDIUM PRESSURE GAS MAINS ARE PRESENT. REFER TO UTILITY STATS RECORDS.

**MAINTENANCE / CLEANING:**  
AS PER CONSTRUCTION

**USE:**  
NONE

**DECOMMISSIONING / DEMOLITION:**  
AS PER CONSTRUCTION

THE CONTRACTOR IS TO SATISFY HIMSELF OF ALL UNDERGROUND NETWORKS PRIOR TO ANY DIGGING. THE CONTRACTOR IS TO MAINTAIN CABLE NETWORKS OF ALL EQUIPMENT THAT IS NOT PART OF THE WORKS BUT MAY BE FED FROM EQUIPMENT ASSOCIATED WITH THE WORKS.

**HAZARD KEY:**

- MANUAL DIGGING REQUIRED IN THIS AREA DUE TO HAZARD
- TREE TRIMS REQUIRED
- TREE PRUNING REQUIRED
- HIGH VOLTAGE UNDERGROUND ELECTRICITY CABLES IN THE VICINITY OF LIGHTING COLUMN
- INTERMEDIATE OR MEDIUM PRESSURE UNDERGROUND GAS MAIN IN THE VICINITY OF COLUMN

Note: As stated in Atkins Bat Tech report (march 2022) ref: 5.2 this bridge structure is considered to be sufficiently distant from the proposed scheme and is unaffected by the works and also by the proposed lighting columns along the footpath. This includes any unwanted light pollution on potential Bat Roostings.

**7** Proposed new 6.0m brushed aluminium Hydro Sapa Mid-Hinged column ref WCC SL100/2C to WCC specification.  
With new post mounted TRT LED Aspect Mini ASM4 LED @ 0° Tilt, 10W / GR7 / BS / 3000K / EXP / 0.95klm  
ASM4\_LED\_10W\_GR7\_BS\_4K\_EXP.IES  
Elexon Code: 42 0010 0000 100  
TRT Manufacturers Back Shield to be installed.  
Fitted with 7-PIN NEMA SOCKET SUITABLE TO ACCEPT A TELENESA 5 PIN LIGHTING CONTROL integrated OSRAM DALI control INTERFACE dimming TELECELL TZE1N-G-3 (Warwickshire) associated to Warwickshire network. Adaptor to suit Column / luminaire

Bridge Structure

**NUMBERING**  
Example of Numbering details:

Column Number      Service Type

**Supply details:**  
The following denotes supply type and connection detail:

T = DNO Transfer      PN = Private Cable Network  
N = DNO New service      PT = Private transfer  
D = DNO Disconnection      PD = Private disconnection  
C = Lantern conversion only to existing lighting column

**P0\*** Proposed asset numbering (Replaces existing asset No.)  
**E\*** Existing asset numbering

**EXISTING Lighting column & illuminated signage**  
**CABLE SUPPLY**  
WCC APPROVED INSTALLING CONTRACTOR TO Confirm any private / DNO cable routes & provide as built details to WCC Street Lighting

**UNMETERED CONNECTIONS INFO**  
DNO New Service = 7

**NOTE: THE BARCODE FROM THE THE TELENESA TELECELL IS TO BE RECORDED BOTH ON AN INSTALLATION SHEET CORRESPONDING WITH AGREED COLUMN NUMBERS TO BE PROVIDED TO LOCAL AUTHORITY AND FITTED TO DPI IN THE BASE OF THE COLUMN.**

**Columns shall be fitted with secondary Isolation above the DNO cut out. The unit shall be WCC specification Charles Endirect LSI-02 with a Switched Double Pole 32A Isolator and BS88 Fuse Carrier.**

STREET LIGHTING EQUIPMENT & PROPOSED COLUMNS/LANTERNS					
Lantern Type	Luminaire Cat		Lamp Cat		
A x 7	ASM4 LED 10W GR7 BS 3000K EXP IES 0.95klm		42 0010 0000 100		
PROPOSED DNO CONNECTION DETAIL - Coventry Road Footpath (A429) Warwick					
Col/FP/ID	POSITIONS OF COLUMNS		Height(Metres) & Lantern Type	Distance From Kerb Edge	CABLE SERVICE WORKS
P048 Coventry Road - Footpath(A429)	428876.5	266004.9	6m Mid-Hinged - A	Back of Footpath	DNO New Service Connection
P049 Coventry Road - Footpath(A429)	428881.2	266032.5	6m Mid-Hinged - A	Back of Footpath	DNO New Service Connection
P050 Coventry Road - Footpath(A429)	428888.4	266063.4	6m Mid-Hinged - A	Back of Footpath	DNO New Service Connection
P051 Coventry Road - Footpath(A429)	428899.5	266096.8	6m Mid-Hinged - A	Back of Footpath	DNO New Service Connection
P052 Coventry Road - Footpath(A429)	428907.3	266119.0	6m Mid-Hinged - A	Back of Footpath	DNO New Service Connection
P053 Coventry Road - Footpath(A429)	428912.0	266158.5	6m Mid-Hinged - A	Back of Footpath	DNO New Service Connection
P054 Coventry Road - Footpath(A429)	428920.2	266189.7	6m Mid-Hinged - A	Back of Footpath	DNO New Service Connection

**WCC UNDERSTANDS ITS OBLIGATIONS AS DESIGNER UNDER THE CDM 2015 REGULATIONS, AND THE REQUIREMENT TO ELIMINATE, OR WHERE THIS IS NOT POSSIBLE, REDUCE SIGNIFICANT CONSTRUCTION AND MANAGEMENT RISKS ASSOCIATED WITH ITS DESIGN. WHERE SIGNIFICANT RISKS REMAIN, IT IS EXPECTED THAT THE CONTRACTOR UNDERTAKING THE WORKS IS FULLY EXPERIENCED AND AWARE OF THE NORMAL HAZARDS AND RISKS ASSOCIATED WITH THE CONSTRUCTION OF THE PROJECT AND HAS CONTROL MEASURES IN PLACE TO ELIMINATE THESE. IT IS ALSO EXPECTED THAT THE CONTRACTOR HAS UNDERTAKEN DUE ACCOUNT OF ANY RISKS ASSOCIATED WITH DESIGNS AND INFORMATION PROVIDED BY OTHERS. 11 KV (H.V) Underground Cables & Medium Pressure Gas Mains**

- GENERAL**
- This drawing should be read in conjunction with all other drawings as per Document Register design pack (see notes section below).
  - All equipment and installation work shall be in accordance with current issue of WCC standard detail drawings: SL100/1A, SL100/7, SL100/6 & SL400/1, to be read in conjunction with lighting detail drawings.
  - All existing Lighting Columns to be rubbed down and painted RAL 7016 Dark Grey as per WCC specification.
  - All Highway lighting installation works to be carried out by Authority approved contractors with suitably competent persons in accordance with but not limited to G39 working in the vicinity of DNO equipment. Working at height regulations, Electricity at Work Regulations (EAWR), HSG47 Avoiding danger from underground services & Code of practice for electrical safety & highway operations, Avoidance of danger from Overhead Power Lines G56.
  - All proposed highway lighting equipment to be used on this installation to be listed & issued to Highway Authority for approval prior to installation.
  - Contractor to confirm ALL statutory undertakers plant before commencement of works.
  - The Barcode from the Telensa telecell is to be recorded both on an installation sheet corresponding with agreed column numbers to be provided to local authority and fitted to DPI in the base of the column.
  - All internal wiring should comply with SL400\_1, SL400\_2 & SL400\_3.
  - All underground / overhead services to be confirmed prior to any excavation on site.
  - DNO to be consulted with regards to connections involving their system.
  - Highway electrical installation to comply with most relevant issue BS 7671 IEE Version
  - All highway lighting & illuminated signage to be sited within adoptable highway as per Easting's & Northing's table schedule distances from kerb edge. No columns sign posts to be installed within dropped kerbs.
  - Highway lighting numbering in accordance with Authority specification as per drawing.
  - The Contractor is to issue WCC Highway lighting authority with AS BUILT drawings / Electrical test certificates in BS7717 or HERS format for new installation & relevant column & luminaire data sheets.
  - Contractor to liaise with Arboriculture team. [arboriculture@warwickshire.gov.uk](mailto:arboriculture@warwickshire.gov.uk)
  - Highway lighting locations shall take precedence over any landscaping features / trees etc.
  - This design drawing to be considered NOT FOR CONSTRUCTION until relevant approvals have been issued. Any site works without approval associated with this design shall be at the risk of the developer.
  - Dimensions are in metres unless otherwise stated.
  - This drawing is to be read in conjunction with all relevant WCC scheme drawings
  - Existing apparatus to be isolated and disconnected before removal. No existing columns to be re-energized until new lighting columns are installed, commissioned and operational.
  - This drawing is not to be reproduced in any part or form without consent of WCC all copyright reserved & printed in colour.
  - Do not scale. If in doubt contact Overseeing Organisation. Locations cannot be guaranteed.
  - Topographical survey undertaken by others. Survey station locations and co-ordinates to be confirmed on site prior to the commencement of setting out.
  - The location and depths of all existing service apparatus should be confirmed with the service authorities prior to any excavation works taking place.
  - All columns proposed to be installed in footway to be at installed back of footpath as per design within highway boundaries, columns & illuminated sign posts erected in highway verge to have installed 1x1 metre moving blocks. Please see WCC specification SL100\_1A - Note 15.
  - Lighting design calculations and lighting column location ref 20.09.1073.01\_RAO1\_A429\_Coventry Road\_Footpath\_FINAL - Reality RTMA file for proposed street lighting
  - New Non illuminated bollards installation to in accordance with manufacturers instruction.
  - During works, all traffic management to be in accordance with chapter 8 of the traffic signs manual.
  - If the columns cannot be installed as set out in this drawing, then the designer will have to be consulted for alternative column positions



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**NOTES**  
This drawing to be read in conjunction with the following drawings:  
General Arrangement drawing: 9.2-A429-063-021 General Arrangement Sh 1 & 9.2-A429-063-022 General Arrangement Sh 2

Note: Hazards identified on this drawing to be read in conjunction with 20.09.1073.01\_WCC Design Hazard Management List 1.00

Rev	Date	By	Ch'k	Amendment
A	13/12/23	SM	RP	DRAFT
B	21/12/23	SM	RP	FINAL FOOTPATH DESIGN

TITLE	DRN	SM	CK'D	RP
Coventry Road, Warwick - S278 Cycle Route Scheme - Footpath Warwickshire County Council Proposed Street Lighting Layout				
	DATE	13/12/2023		
	SCALE	1:500		
	DRG. NO.	20.09.1073.01		