



Notes:

1. All Dimensions Are In Metres. All Levels Are In Metres Above Ordnance Datum.
2. Any changes to the design or specification will require the prior approval of the relevant engineer in writing.

Lantern: ADS Highway Diamond Micro . Warm white (3000k)
Phillips Xitanium DALI driver. Standard colour body inc
7 pin NEMA socket. None CLO, M1 optic. (LCC code S2)

Code: Highway Diamond Micro HWD2 16LED, 3000k, 700mA

Switching: Telensa 5 pin NEMA intergrated dimming telecell with
DALI control & GPS to Leicestershire Council Network.

Lantern Mounting: Zero degrees, post top fitting.

Column Details: 6m nominal height galvanised tubular steel column.
To Leicestershire County Council specification.
Connected to the DNO main.

GENERAL NOTES:

1. Any alterations to the positions of columns and associated equipment to that as shown on this drawing must be referred to the designer to ensure compliance with lighting level requirements before installation. Any change to drawing or column locations after approval will require re-submission to LCC for re-assessment.
2. Setting out should be conducted by a competent person and notice of works schedule provided to LCC Lighting Engineer to arrange inspection if required.
3. All column doors to face away from on coming traffic unless access restricted or otherwise specified. Ensure correct orientation of lanterns to road line as shown.
4. New column numbering as detailed is for reference only. Contractor to affix numbering in line with LCC specification prior to adoption.
5. In order to avoid future maintenance issues and ensure efficiency of lighting scheme, planting of trees and shrubbery in vicinity of street lighting equipment is to be avoided. It is recommended that a clearance from tree trunk to column be a minimum of 4m.
6. Columns are to be planted to the rear of footways and in adopted land only. Where in soft ground, columns to be located to a minimum of 0.8m back of kerb. Build outs connected to highway and column protection are required. Refer to standard detail for specification. Where columns are located to back of footway in vicinity of dropped kerb vehicle access, a minimum clearance of 0.8m from column to dropped kerb is required.
7. Telensa CMS to LCC specification to be installed and working prior to adoption handover.
8. Details of Telensa cells must be sent to LCC Street Lighting Engineer within 48 hours of being made live.
9. Prospective house buyers must be made aware of street lighting positions prior to house purchase. Column locations should be included on sales plans.
10. It is the responsibility of Developer to ensure unmetered DNO LV service connections to lighting equipment and to pay electricity charges upto the date of formal LCC accrual.
11. The design and installation of lighting and electrical equipment for this lighting scheme must comply with manufacturers guidance and most current BS7671 wiring regulations. In addition, LCC Street Lighting documents, guidance and standard detail are available for further installation guidance and should be obtained and read in conjunction with this drawing.

POWER SUPPLIES:

All adoptable road lighting columns, to be fed from distribution network operator (DNO) LV supply networks. If an IDNO or similar is proposed then a service level agreement must be in place between parties prior to commencement of any connection works.

ISOLATOR: Double pole fused isolator to be mounted on backboard of each adoptable column above DNO cut out.

DIMMING / PART NIGHT CONTROL:

Lanterns to comply with LCC specification. Dimming schedule to be confirmed by LCC.

NOTE:

All Lanterns to have manufacturer produced rear shields installed.

Approved	Revision	By	Date	Rev.



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Construction

Structures & Street Lighting

Highways & Transport Services

CLIENT:

JELSONS LTD

Title:

S38 STREET LIGHTING DRAWING
NORMANDY WAY
HINCKLEY

Scheme Ref. / Drawing No.		Revision	
P3932-A			
Prepared By:	R.Newing	Scale:	1:500
Checked By:	R.Dennis	Size:	A1
Approved By:	R.Dennis	Date:	August 2023