

Street Lighting Key

Proposed 6m galvanised steel lighting column as per LCC lighting column spec with post top mounted lantern and 0 degree tilt.

LANTERN: ASD Lighting Highway Diamond

PROJECTION: 0.4m

TILT: 0°

LUMINOUS INTENSITY RATING: G2

LAMP TYPE: LED 3000K Warm White

OPTIC: M1

LUMEN OUTPUT: 3.73klm

FILENAME: HWD2-#3K 16 700-M1 (34W)

PHOTOCELL: 7 pin NEMA socket and 5 pin

Telensa Cell

DIMMING: Luminaires to be dimmed by LCC

CMS system

BALLAST: Dual dimmable electronic ballasts

ISOLATOR: Charles Endirect Double Pole

Isolator

SUPPLY TYPE: New DNO Supply

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3.00 Isolux contour line

0.60 Isolux contour line

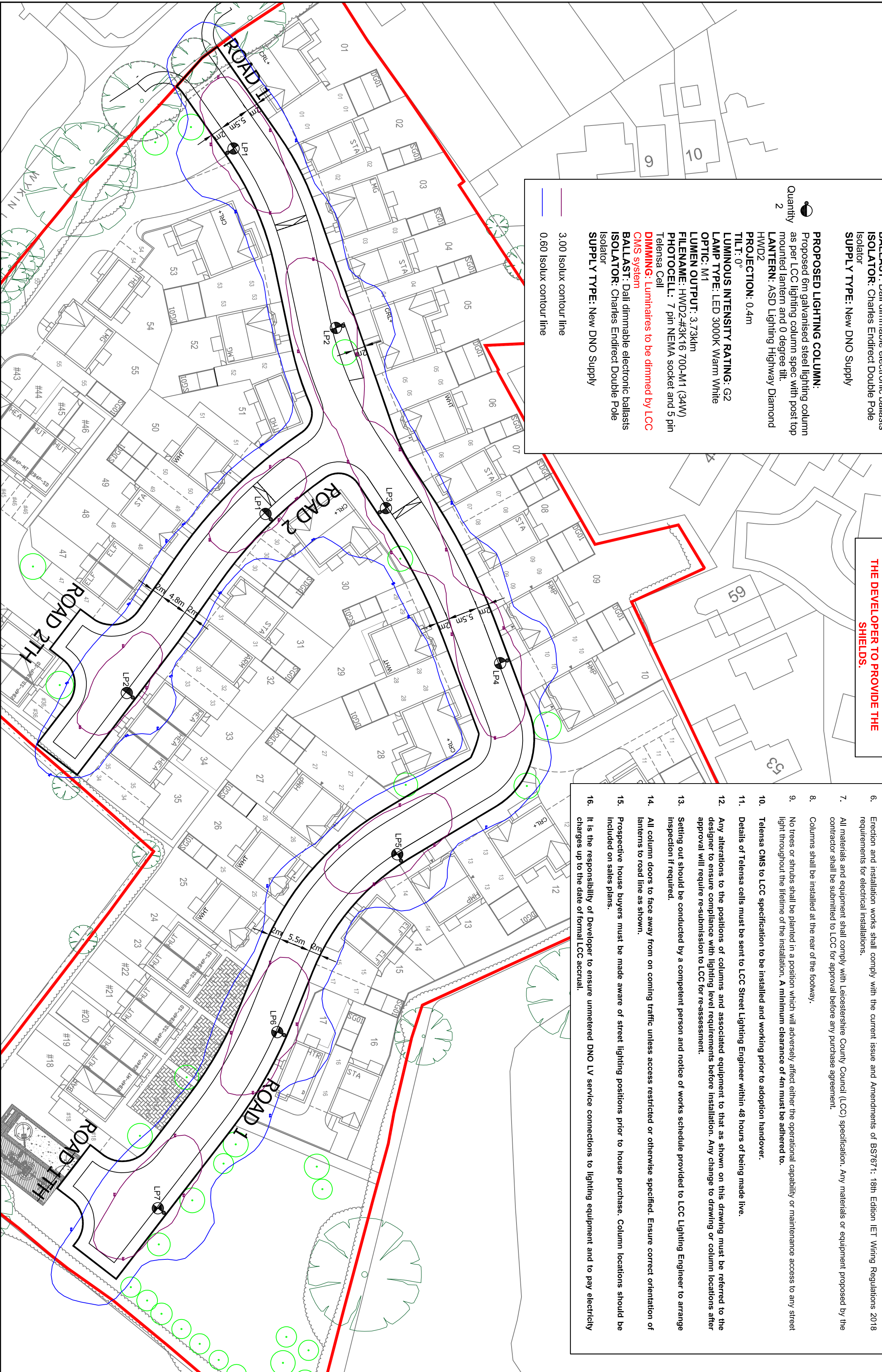
Street Lighting Specification:

- Exact positions are to be agreed on site by the engineer before erection works commence. Columns and equipment are only to be installed on land adopted or to be adopted by the local authority.
- After erection columns shall be numbered clearly in accordance with Leicestershire County Council requirements.
- Supplies to new lighting columns shall be taken directly from the District Network Operator supplies (DNO) for the new development. An application for supply form must be completed and issued to ensure a supply is made to each column.
- Only recognised lighting contractors shall be used for street lighting and illuminated sign and bollards installation works, they shall be approved by the overseeing organisation, they must also be members of the ASLEC and HERS. Current membership numbers for these bodies must be provided to the supervising authority prior to approval of the proposed lighting contractor.
- All materials shall be to the relevant British Standard. Site works shall comply in general with department of transport specification for highway works, and shall also conform to:
 - The Electricity at Work Regulations (1989)
 - The Health and Safety at Work Act
 - Chapter 8 of the Traffic Signs Manual
 - The Control of Substances Hazardous to Health Regulations 1988
 - The Construction (Design Management) (CDM) Regulations 2015
- Erection and installation works shall comply with the current issue and Amendments of BS7671: 18th Edition IET Wiring Regulations 2018 requirements for electrical installations.
- All materials and equipment shall comply with Leicestershire County Council (LCC) specification. Any materials or equipment proposed by the contractor shall be submitted to LCC for approval before any purchase agreement.
- Columns shall be installed at the rear of the footway.
- No trees or shrubs shall be planted in a position which will adversely affect either the operational capability or maintenance access to any street light throughout the lifetime of the installation. A minimum clearance of 4m must be adhered to.
- Telensa CMS to LCC specification to be installed and working prior to adoption handover.
- Details of Telensa cells must be sent to LCC Street Lighting Engineer within 48 hours of being made live.
- 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.
- Setting out should be conducted by a competent person and notice of works schedule provided to LCC Lighting Engineer to arrange inspection if required.
- 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.
- Prospective house buyers must be made aware of street lighting positions prior to house purchase. Column locations should be included on sales plans.
- It is the responsibility of Developer to ensure unmetered DNO LV service connections to lighting equipment and to pay electricity charges up to the date of formal LCC accrual.

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 state covers). Any damage to plant or apparatus shall be repaired at the Contractors expense.

LAMP COLUMNS ARE ONLY TO BE
ERECTED OR LOCATED IN LAND TO BE
ADOPTED.

ALL LUMINAIRES TO HAVE REAR
SHIELDS. IT IS THE RESPONSIBILITY OF
THE DEVELOPER TO PROVIDE THE
SHIELDS.



NOTES:

- DO NOT SCALE THIS DRAWING.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS, ARCHITECTS AND SPECIALIST DESIGN DRAWINGS AND DETAILS.
- ANY DISCREPANCIES NOTED ON SITE ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ANY SERVICE APPARATUS IN THE VICINITY OF THE WORKS. THE CLIENT WILL ACCEPT NO CLAIMS WHATSOEVER IN RESPECT OF ANY LOSSES OR DAMAGE CAUSED IN RESPECT OF SUCH APPARATUS, HOWEVER CAUSED.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXECUTE THE WORKS AT ALL TIMES IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE HEALTH AND SAFETY AT WORK ACT 1974, AND THE CDM REGULATIONS 2015. THE CONTRACTOR WILL BE DEEMED TO HAVE ALLOWED FOR FULL COMPLIANCE WITHIN THEIR RATES.
- THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL WORKS ARE TO THE SATISFACTION OF THE ENGINEER AND SHALL BE DEEMED TO HAVE INCLUDED WITHIN THEIR RATES FOR ANY NECESSARY TESTING.

Lighting Class:

Roadway designed in accordance with
BS 5489-1:2020, BS EN 13201-2:2015

Lighting Class to Road 1: P4

Eav: 5.00 - 7.50 Lux

Emin: 1.00 Lux

Lighting Class to Road 2: P5

Eav: 3.00 - 4.50 Lux

Emin: 0.60 Lux

MF = 0.84

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.

REV	AMENDMENTS	DATE	DRN
A	Notes added to specification and key	07.07.25	AL

www.lovedaylighting.com

PROJECT TITLE
WYKIN LANE,
STOKE GOLDING

CLIENT
OWL HOMES

DRAWING TITLE
STREET LIGHTING LAYOUT - S38

REVISION	SHEET SIZE	SCALE
A	A2	1:500
DRAWN BY	CHECKED BY	DATE
MB	AL	17/05/2025
DRAWING NUMBER		
LL1986-001		

STATUS
INFORMATION / APPROVAL