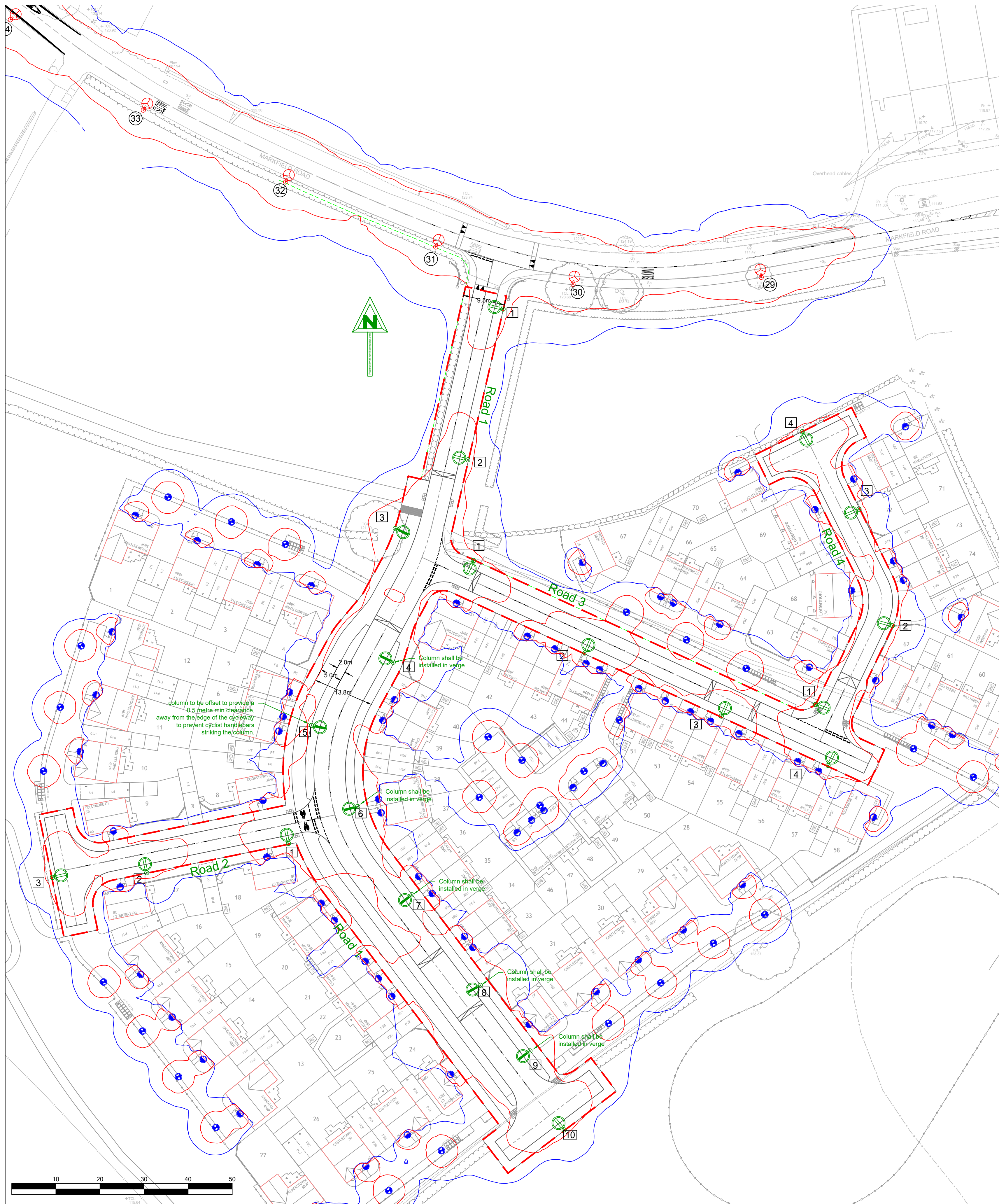




Notes

1. All column and signs in the verge or footway are to be serviced via Direct connection by Eon). Signs and Columns shall be fitted with secondary isolation above the DNO cut out. The Unit shall be as Leicestershire County Council specification i.e. Charles Lighting LS01. Fuse discrimination shall comply with BS7671 between the DNO cut out (10A) and the secondary isolation (6A).
2. All adopted Lighting column shall be installed within the adopted highway, i.e at the back of footpath but inside the back edging kerb. See standard drawing SD13-11. Columns 4, 6, 7, 8 & 9 on rod 1 shall be installed in verge
3. Where there are known services in the vicinity of excavations the Contractor shall ensure hand digging is carried out with care. The Contractor shall arrange for statutory undertakers plant to be marked on site prior to excavations with mechanical excavators.
4. In this instance the use of 3 dimensional masking has not been used to take into consideration the actual position of high sided objects such as buildings and the like. Trees and shrubs etc. have not been considered as their masking ability will vary with seasonal conditions.
5. Iso contours produced in this drawing have been created using a conventional symmetrical grid. This does not take into account the spacing or weightings as detailed in BS5489 or BS EN 13201-3:2015.
6. Copies of the original lighting reality calculations available upon request please send a email to mail@nicksmithassociates.com quoting the project number.
7. Equipment shown on this drawing is available through most specialist street lighting electrical distributors like Electrical Lighting Solutions (www.elsld.co.uk), Marwood Electrical (www.marwoodelectrical.co.uk) or Maclean Electrical (www.maclean.co.uk)
8. Leicestershire County Council have apply a part night policy and may determined some columns to be have part night lighting. Part night switching to be applied using the Telensa CMS.
9. Lanterns are controlled by the LCC Telensa Central Management System (CMS) which will set all design dimming levels remotely and fitted with a rear shield. See table for exact details
10. All material and construction shall be in accordance with the Leicestershire CC highway design guide column specification. For column to drawing detail and specification see LCC drawing SD13/3.
11. Earthing arrangements for lighting units shall include a 6mm² cross sectional area conductor bonding steel columns/integral base compartment post/housings to the main earthing terminal associated with the service cut 2out. A flexible conductor of the same cross sectional area shall be used to bond the doors of such compartments and shall be of sufficient length to allow placement of door on ground without tension.
12. Column installation depth to be checked to manufacturers installation instructions and LCC standard drawing detail and specification, 600mm to door bottom.
13. Any alterations to the positions of columns and associated equipment to that as shown in 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.
14. Prospective house buyers must be made aware of street lighting positions prior to house purchase. Column locations should be included on sales plans.
15. 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.
16. In order to avoid future maintenance issues and ensure efficiency of the 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.
17. All Telensa telecells must have communicated with the CMS and operating correctly prior to adoption handover.
18. It is the responsibility of the Developer to ensure they have their own Meter Point Administration Number (MPAN) in place to pay the electricity charges up to the date of formal LCC accrual.

Key

- Proposed Private Lighting ASD Litehouse Bollard with 19w warm white LED and photocell
- Proposed Private Lighting Wall mounted downlighter with 5w warm white GU10 reflector lamp movement sensor and photocell
- Proposed steel galvanised 6m column with post mounted ASD Lighting Highway Diamond lantern (HWD2-#3K16 700-M1-CLO Gen 5) with warm white LED to deliver 3620 lumens then permanently dimmed (see schedule) by LCC (see note 10, integral Dali driver without CLO, 7 pin nema and 5 pin Telensa GPS enabled telecell. Fit rear shield
- Proposed steel galvanised 6m column with post mounted ASD Lighting Highway Diamond lantern (S3 HWD2-#3K16 700-FD-CLO Gen 5) with warm white LED to deliver 3560 lumens then permanently dimmed (see schedule) by LCC (see note 10, integral Dali driver without CLO, 7 pin nema and 5 pin Telensa GPS enabled telecell. Fit rear shield
- Existing section 278 8m column with TRT Aspect Gen 2 (A32_GEN2_LED_55W_GR8_(Brown)_G3_3000K_FG) to remain
- Column number
Numbering shall use a 16 gauge aluminium plate attached to the column with nylon ties 50mm numbers. See drawing SD12/36: sign plate design based upon product supplied by: Nuneaton Signs, Kelsey Close, Attleborough Industrial Estate, Nuneaton, Warwickshire CV11 6RS
- 3.00 lux iso-contour line
- 1.00
- 0.60 contour line
- Wattage:34w
Charge Code : 42 0034 0000 100
Switching Regime: 821
Burning Hours: 4150

Implementation of the lighting private scheme to be delivered as work on the respective Plots and shared private driveway proceeds with any plot lighting/bollard being installed prior to any occupations of respective plot(s).

D	Additional notes added	NWS	07.10.2025
C	Private lighting key updated	NWS	22.10.2025
B	Dimming schedule updated, numbering revised, key and notes updated. Extra notes added to specific columns	NWS	17.09.2025
A	Changed to drawings 02	NWS	15.05.2025
REV	DETAILS	DWN	DATE

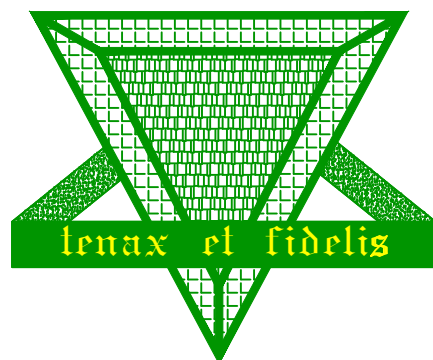
Drawing Number	Revision
3150-D-02	D

Client	Lagan Homes
Project	Markfield Road Phase 2 Ratby Leicestershire

Drawing Title	Proposed Adopted and Private Lighting and Illuminance Layout
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Scale at A1 1:500	Sheet 1 of 1
Drawn NWS	Date 13.05.2025

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Wall mounted downlighter
with 5w GU10 reflector lamp



ASD Litehouse Bollard
with 19w warm white
LED and photocell



ASD Highway diamond
Nano