

Notes

- 1. All columns to be supplied by DNO supply.
- 2. Columns shall be fitted with secondary isolation above the DNO cut out. The Unit shall be as Derbyshire County Council specification i.e. Charles Endirect LSI-02 with a 32A Isolator and BS88 Fuse Carter with 4A fuse. Fuse discrimination shall comply with BS7671 between the DNO cut out and the secondary isolation.
- 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 13201-3:2003
- 6. Equipment shown on this drawing is available through most specialist street lighting electrical distributors like Maclean Electrical ([www.macleanelectrical.co.uk](http://www.macleanelectrical.co.uk)) or Marwood Electrical ([www.marwoodelectrical.co.uk](http://www.marwoodelectrical.co.uk))
- 7. Copies of the original lighting reality calculations available upon request please send a email to [mail@nicksmithassociates.com](mailto:mail@nicksmithassociates.com) quoting the project number.
- 8. This design has been prepared in accordance with BS5489-1:2013 the use of S/P ratios has NOT been used to reduce the lighting levels. The lighting class chosen takes account of a reduction in level.
- 9. The LED driver shall be pre programmed for 100% output between switch on and 21:30, 75% between 21:30 and 00:00, 50% between 00:00 and 05:00 & 75% till dawn

Key

- Proposed tubular steel road lighting column finished in Derbyshire Green (RAL6006) of 8m nominal height with post mounted Thorn Lighting CivITEQ Lantern (CivITEQ Small - 36 Neutral White 4000K LED 500mA - PVC Optic ) at 0° tilt with 36 no neutral white LED @300ma integral driver and photocell set to switch on at 35 lux with 2:1 negative switching ratio (see note 9). As DCC LED specification and standard drawings
- Proposed tubular steel road lighting column finished in Derbyshire Green (RAL6006) of 6m nominal height with post mounted Thorn CivITEQ Lantern (CivITEQ Small - 12 Neutral White 4000K LED 350mA - WSC Optic ) at 0° tilt with 12 no neutral white LED integral driver and photocell set to switch on at 35 lux with 2:1 negative switching ratio (see note 9). As DCC LED specification and standard drawings 1300/1, 1300/2, 1300/3 and 1400/17.
- Existing 8m column with SOX lantern to remain
- Existing 8m column with single arm bracket and SOX lantern to remain
- Existing 8m column to be disconnected and removed to tip
- Project column number
- Existing column number
- 15.00 lux iso-contour line
- 3.00 lux iso-contour line
- 0.60 lux iso-contour line

- DNO(N) New DNO supply
- DNO(D) Disconnect DNO supply
- DNO(T) Transfer DNO supply

A	Changes to proposed adopted lighting	RSS	NWS	31.08.16
REV	DETAILS	APP	DATE	

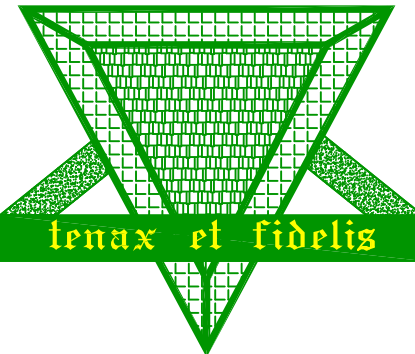
Drawing Number	Revision
2241-D-01	A

Client	Sherwood Homes
Project	Former Kingspan Works Charlestown Road Glossop, Derbyshire

Drawing Title	Proposed Road Lighting and servicing Layout
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Scale at A1	Sheet 1 of 1
1:500	
Drawn	Date
NWS	24.08.16

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