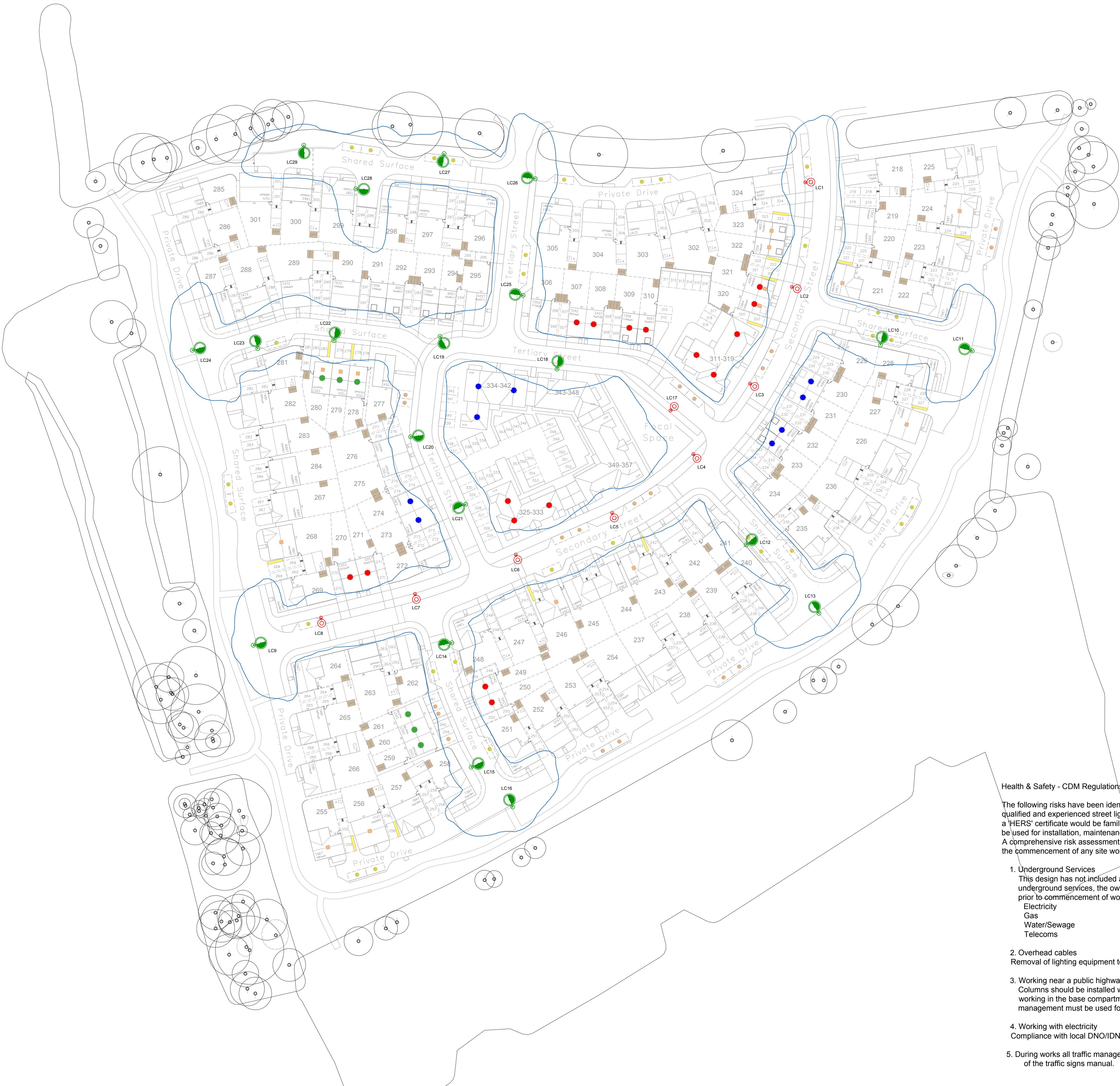
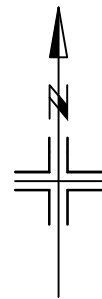




Health & Safety - CDM Regulations 2015 (Design Risk)

The following risks have been identified for which a suitably qualified and experienced street lighting contractor holding a 'HERS' certificate would be familiar with and should therefore be used for installation, maintenance and decommissioning. A comprehensive risk assessment should be carried out prior to the commencement of any site work.

- Underground Services
This design has not included a survey of existing and proposed underground services, the owners of these services must be consulted prior to commencement of works.
Electricity
Gas
Water/Sewage
Telecoms
- Overhead cables
Removal of lighting equipment to comply with G39 regulations.
- Working near a public highway
Columns should be installed with the doors orientated such that an operative working in the base compartment faces oncoming traffic. Appropriate traffic management must be used for any works on these column.
- Working with electricity
Compliance with local DNO/IDNO regulations.
- During works all traffic management to be in accordance with Chapter 8 of the traffic signs manual.

Street Lighting Key:

Proposed 6m Fabrikat manufactured tubular steel hot dip galvanised column with root protection, finish and final colour to local authority specification. Column to receive a post top mounted lantern manufactured by Philips Luma Gen2 Micro BGP702 5000lm 20 LED NW 4000K complete with 7 Pin NEMA socket and 5 Pin Telensa GPS enabled node.
Elaxon Code 42 0014 0000 100
Any required rear shields to be installed by developer.
Lantern canopy to be RAL7040. To include a Zhaga D4i Driver, a Primary Zhaga Receptacle at the top, a Urbis IV Zhaga (Mesh/Data lift) and a Secondary Zhaga socket at the bottom.
See note 9 for dimming regime.
Lanterns to be set to 0 deg. tilt. Charles endirect or Lucy double pole locakable BS88 fused isolator (4A) to be mounted above the DNO cut out.
All columns to be energised by DNO/IDNO.
Project quantity (9no.)

Proposed 6m Fabrikat manufactured tubular steel hot dip galvanised column with root protection, finish and final colour to local authority specification. Column to receive a post top mounted lantern manufactured by Philips Luma Gen2 Micro BGP702 4000lm 20 LED NW 4000K complete with 7 Pin NEMA socket and 5 Pin Telensa GPS enabled node.
Elaxon Code 42 0012 0000 100
Any required rear shields to be installed by developer.
Lantern canopy to be RAL7040. To include a Zhaga D4i Driver, a Primary Zhaga Receptacle at the top, a Urbis IV Zhaga (Mesh/Data lift) and a Secondary Zhaga socket at the bottom.
See note 9 for dimming regime.
Lanterns to be set to 0 deg. tilt. Charles endirect or Lucy double pole locakable BS88 fused isolator (4A) to be mounted above the DNO cut out.
All columns to be energised by DNO/IDNO.
Project quantity (20no.)

LC2 Column reference (final number to be confirmed)

Isolux Contour - 1.0 Lux

Notes:

- Any alterations to the positions of columns and associated equipment shown on this drawing must be referred to the designer to ensure compliance with lighting level requirements before installation.
- Setting out should be conducted by a competent person. Before construction, Local Authority (LA) should be notified for agreement/inspection if required.
- Column doors to face away from the traffic flow.
- Ensure the correct orientation of lantern to road kerb line as detailed within the drawing.
- Column numbering as detailed on the drawing is for reference only. Upon completion of installation prior to adoption, the contractor must submit an as-built drawing to LA Lighting Engineer for numbering detail. Numbers to be affixed to columns in accordance with LA specification.
- The contractor is responsible for placing all orders for disconnections and new connections to adoptable road lighting columns and associated illuminated equipment. The contractor is liable for all power charges up to adoption hand over.
- Upon completion of works, full electrical test certificates are to be presented to LA Lighting Engineer.
- Installation works shall also comply with the current issue and amendments of BS7671: 18th edition IEE wiring regulations 2008, requirements for electrical installations, current editions of the ILP code of practice for electrical safety in public lighting operations and the code of practice for the erection of street lighting published by the Association of Street Lighting Electrical Contractors.
- Lantern dimming regime:
Step 1 [Dusk to 8pm] Switch on at 100% light output
Step 2 [8pm to 10pm] Dim to 70% light ouput
Step 3 [10pm to 5am] Dim to 50% light output
Step 4 [5am to 6am] Increase to 70% light output
Step 5 [6am to Dawn] Increase to 100% light output
- Drawing to be read in conjunction with any relevant LA developer specifications.

Rev	By	Chkd	Apprvd	Date	Description
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Client

MORGAN CS

Development

FINCHWOOD
PARCEL 6

Drawing

STREET LIGHTING DESIGN (S38)

Drawn by: EDS

Date Drawn: 26.11.2025

Drawing No.

1027/001

Revision

-

Drawing Scale: 1:500 at A1