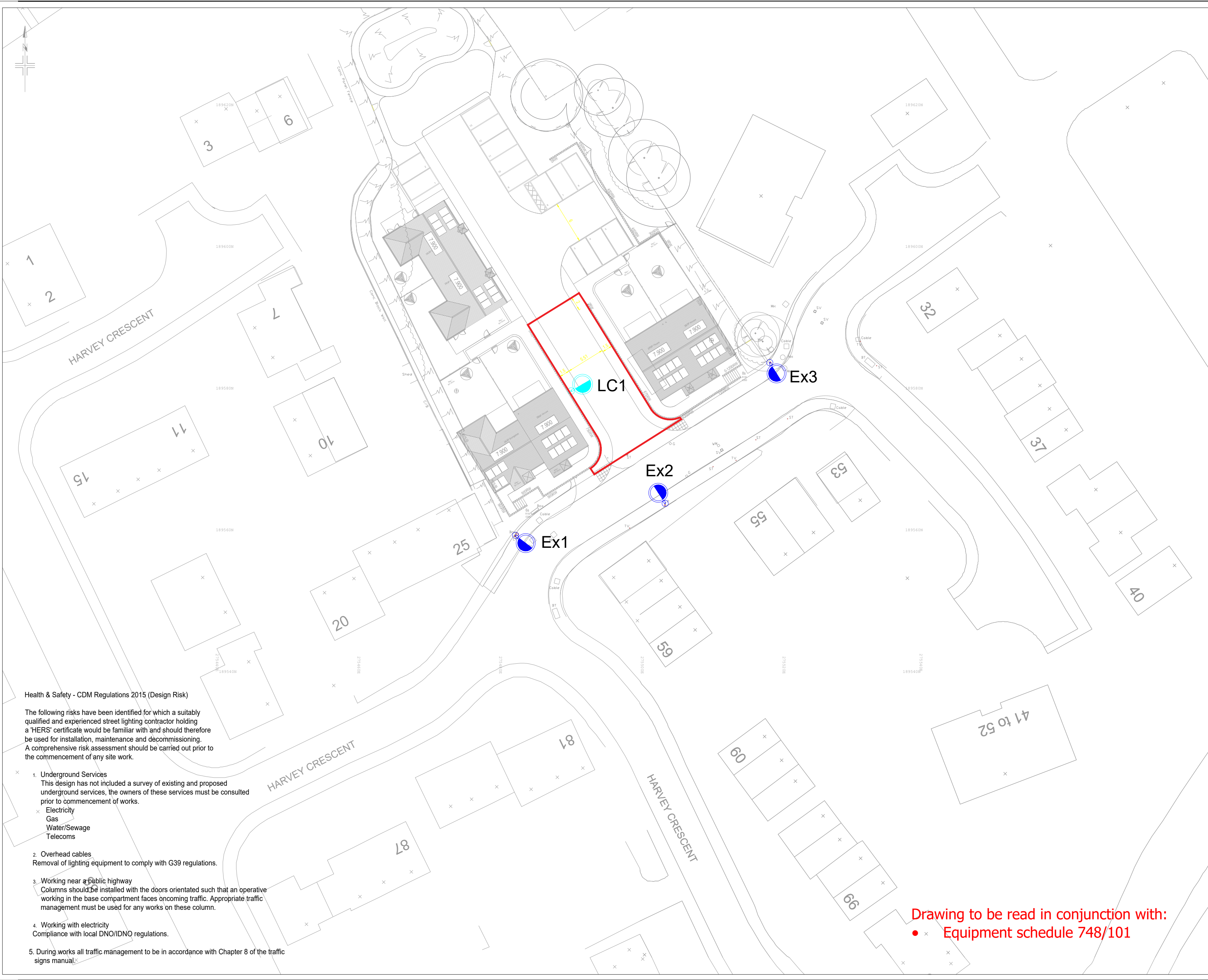




Street Lighting Key:

Proposed 6m column with post top mounted Urbis Axia 3.1 5266 optic 8LED Square Giant 600mA Warm White Flat Smooth Glass Extra Clear 7 PIN NEMA SOCKET.
Column: 6m CU Phosco to Port Talbot spec (Galv finish)
Control Gear Ref: DALI Dimming and CMS compatible
Telecell Ref: 5 Pin NEMA Telensa – GPS Enabled (Product Code T2E1N-G-3)
Dimming Regime: 50% Light Output – 22:00hrs to 5:30hrs
LED Driver: Philips Xitanium
Service connection: DNO (National Grid)
Project quantity (1no.)

Existing column to remain as sited. Replace existing lantern with side entry mounted Urbis Axia 3.1 5266 optic 8LED Square Giant 600mA Warm White Flat Smooth Glass Extra Clear 7 PIN NEMA SOCKET.
Control Gear Ref: DALI Dimming and CMS compatible
Telecell Ref: 5 Pin NEMA Telensa – GPS Enabled (Product Code T2E1N-G-3). Check with LA if existing Telecell can be reused on new LED
Dimming Regime: 50% Light Output – 22:00hrs to 5:30hrs
LED Driver: Philips Xitanium
Project quantity (3no.)

LC1 Specification Reference



- Notes:**
- All illuminated street furniture dwg's shall be submitted to LA Street Lighting for approval.
 - The installation of street lighting shall be in accordance with LA specification
 - All columns types shall be in accordance to the above specification. Any other manufacturer or model type other than those specified on the LA approved drawing will not be accepted for adoption.
 - All columns to be located as shown on the drawing and in adoptable highway. They must be at the back, and within the footway wherever possible
 - All columns to be installed accordingly so doors are facing away from oncoming traffic.
 - All columns and illuminated signs require direct DNO connections.
 - Contractor to check all dimensions and report all errors and omissions to the engineer.

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.**

Drawing to be read in conjunction with:
• Equipment schedule 748/101

Rev	By	Chkd	Apprvd	Date	Description

Client // Developer

PHG

Development

HARVEY CRESCENT,
PORT TALBOT

Drawing

STREET LIGHTING DESIGN

Drawn by: JS

Date Drawn: 22.04.2024

Drawing No.

748/001

Revision

-

Drawing Scale: 1:250 at A2