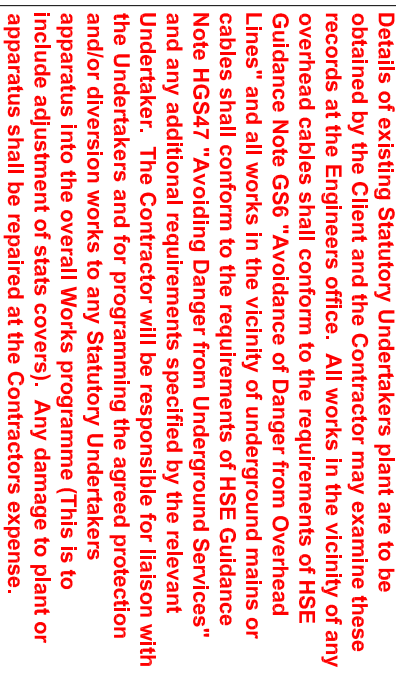




Location of existing utility services to be detected

Location of existing utility services to be determine on site by the contractor. Installation works should be carried out in accordance with the relevant standards including BS 7671, G39/1, HSG47 and the Institution of Lighting Professionals General Publication 03 (IPLP GP03).

1. **Exact positions are to be agreed on site by the engineer before erection works commences. Columns and equipment are only to be installed on land adopted or to be adopted by the local authority.**

2. After erection columns shall be numbered clearly in accordance with Letchesnaire County Council requirements.
3. 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 shall be completed and issued to the DNO if supply is made to each column.
4. Only recommended 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 SASEC and HERSA. Current membership numbers for these bodies must be provided to the supporting authority prior to approval of the proposed lighting installation.
5. All materials shall be to the relevant British Standard. Site works shall comply in general with department of transport specification for highway works (The Electricity at Work Regulations 1989)
 - The Health and Safety at Work Act
 - Chapter 8 of the Traffic Signs Manual
 - The Construction (Design Management) (CDM) Regulations 2015
6. Erection and installation works shall comply with the current issue and Amendments of BS7571-1, 19th Edition IET Wiring Regulations 2018 requirements for electrical installation.
7. All materials and equipment shall comply with Letchesnaire County Council (LCC) specification. Any materials or equipment proposed by the contractor shall be submitted to LCC for approval before any purchase agreement.
8. Columns shall be installed at the rear of the forecourt.
9. No trees or shrubs shall be planted in a position which will adversely affect the operational capability or maintenance access to any street light throughout the lifetime of the installation.

PROPOSED LIGHTING COLUMN:

- 2**
- MANUFACTURER AND LIGHTING**
LANTERN MANUFACTURER AND Lighting
PROJECTION: 0.4m
- FILE NO.**
110
- ILLUMINANCE RATING:** G2
- LAMP TYPE:** LED 3000K Warm White
- OPTIC:** M1
- INPUT:** 3.624m
- FILENAME:** HW02-#K16.700.M1 (34W)
- FILE NO.:** 7 pin MEKA 5 and 5 pin
- BALLAST:** Dall armature electronic ballasts
- ISOLATOR:** Charles Endirect Double Pole
- ISOLATOR:** Charles Endirect Double Pole
- SUPPLY TYPE:** New DNO Supply

Proposed 6m galvanised steel ligh

as per LCC lighting column spec w/

INCLUDED WITHIN THEIR RATES FOR ANY NECESSARY

TESTING.

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

Pay: 7.50 | hr

Eav: 7.50 Lux
Uniformity (U_o): 0.40 (40%)

Eav: 5.00 - 7.50 Lux
Emin: 1.00 Lux

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

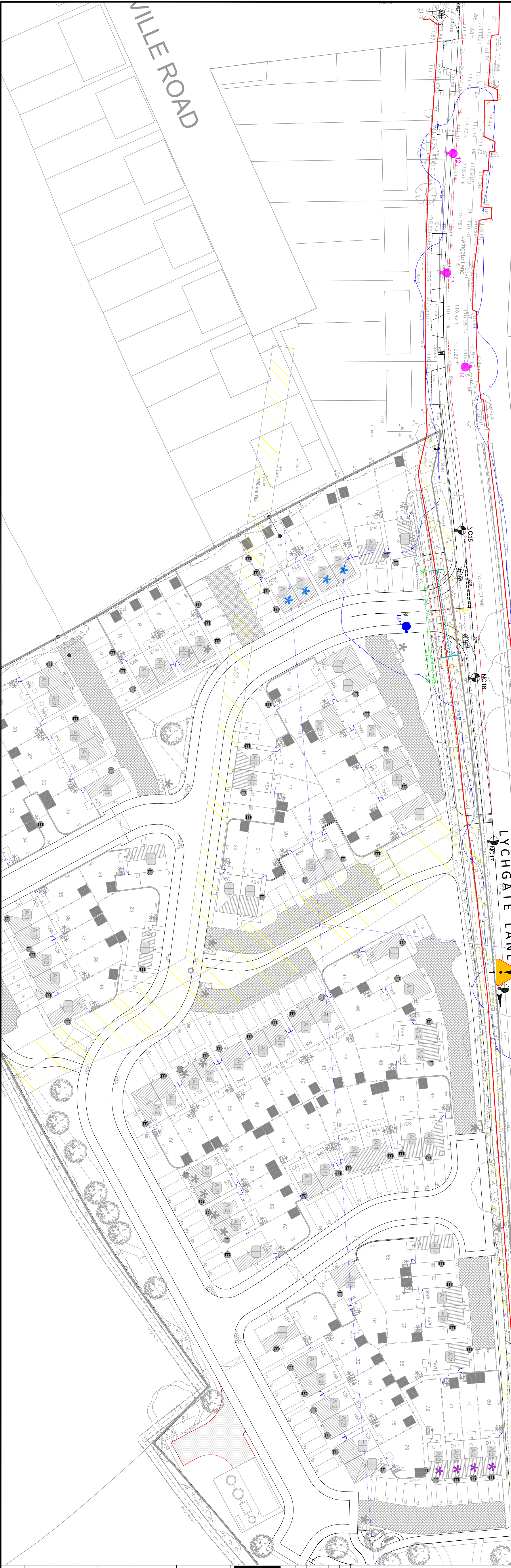
ALL LUMINAIRES TO HAVE REAR SHIELDS. IT IS THE RESPONSIBILITY OF AVANT HOMES TO PROVIDE THE SHIELDS.

Quantity
lighting column to remain. Existing LED

- Luminaire to be dimmed to 50% light output via
Telensa CMS. Liaise with LCC to ensure
dimming regime is applied.

—

Existing underground HV mains cable

[illegible]