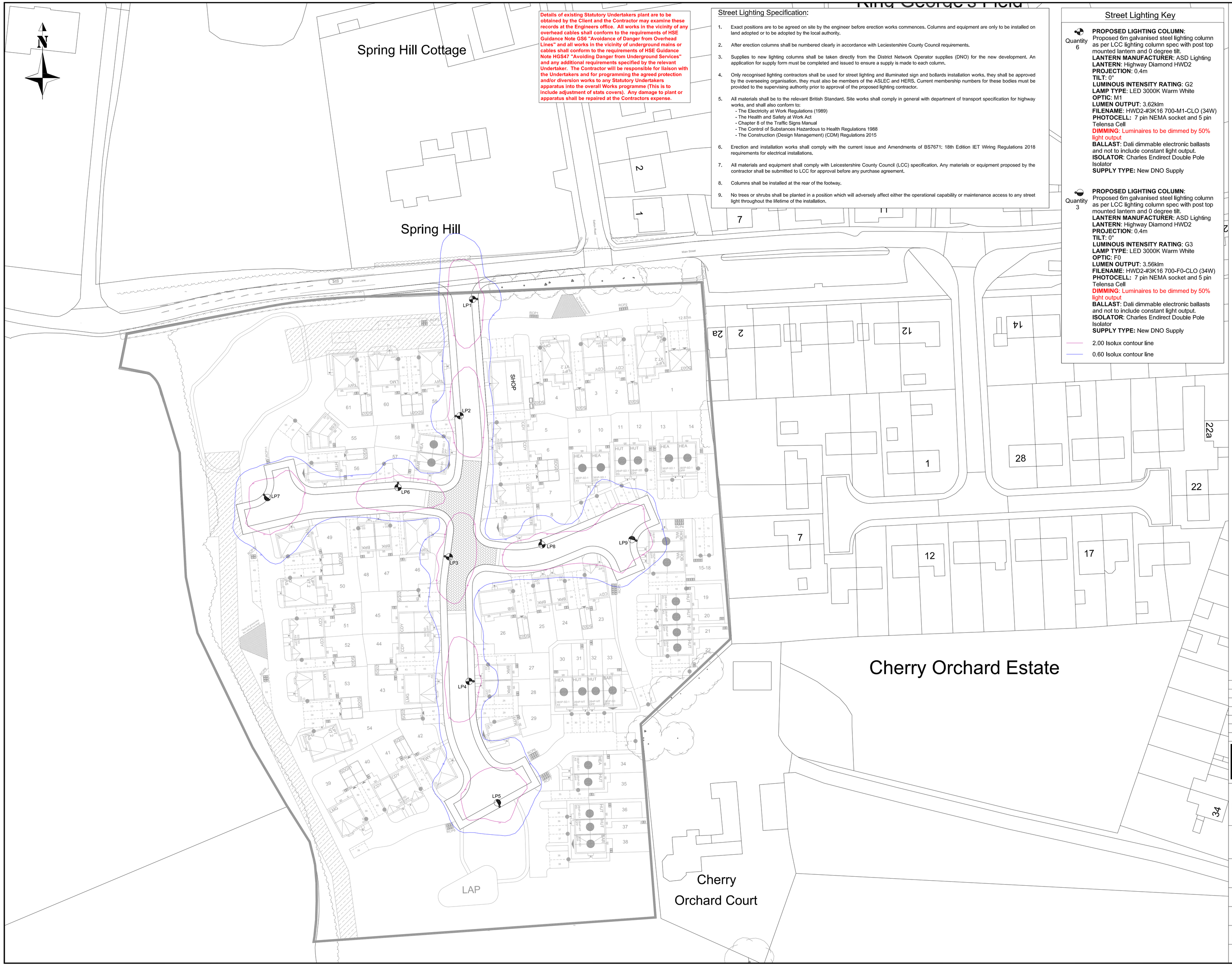


Details of existing Statutory Undertakers plant are to be obtained by the Client and the Contractor may examine these records at the Engineers office. All works in the vicinity of any overhead cables shall conform to the requirements of HSE Guidance Note GS6 "Avoidance of Danger from Overhead Lines" and all works in the vicinity of underground mains or cables shall conform to the requirements of HSE Guidance Note HGS47 "Avoiding Danger from Underground Services" and any additional requirements specified by the relevant Undertaker. The Contractor will be responsible for liaison with the Undertakers and for programming the agreed protection and/or diversion works to any Statutory Undertakers apparatus into the overall Works programme (This is to include adjustment of stats covers). Any damage to plant or apparatus shall be repaired at the Contractors expense.

Street Lighting Specification:

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 Leciestershire 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 must be completed and issued to ensure a supply is made to each column.
4. Only recognised 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 ASLEC and HERS, Current membership numbers for these bodies must be provided to the supervising authority prior to approval of the proposed lighting contractor.
5. All materials shall be to the relevant British Standard. Site works shall comply in general with department of transport specification for highway works, and shall also conform to:
 - The Electricity at Work Regulations (1989)
 - The Health and Safety at Work Act
 - Chapter 8 of the Traffic Signs Manual
 - The Control of Substances Hazardous to Health Regulations 1988
 - The Construction (Design Management) (CDM) Regulations 2015
6. Erection and installation works shall comply with the current issue and Amendments of BS7671: 18th Edition IET Wiring Regulations 2018 requirements for electrical installations.
7. All materials and equipment shall comply with Leicestershire 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 footway.
9. No trees or shrubs shall be planted in a position which will adversely affect either the operational capability or maintenance access to any street light throughout the lifetime of the installation.

Street Lighting Key

Quantity 6

PROPOSED LIGHTING COLUMN:
Proposed 6m galvanised steel lighting column as per LCC lighting column spec with post top mounted lantern and 0 degree tilt.
LANTERN MANUFACTURER: ASD Lighting
LANTERN: Highway Diamond HWD2
PROJECTION: 0.4m
TILT: 0°
LUMINOUS INTENSITY RATING: G2
LAMP TYPE: LED 3000K Warm White
OPTIC: M1
LUMEN OUTPUT: 3.62klm
FILENAME: HWD2-#3K16 700-M1-CLO (34W)
PHOTOCELL: 7 pin NEMA socket and 5 pin Telensa Cell
DIMMING: Luminaires to be dimmed by 50% light output
BALLAST: Dali dimmable electronic ballasts and not to include constant light output.
ISOLATOR: Charles Endirect Double Pole Isolator
SUPPLY TYPE: New DNO Supply

Quantity 3

PROPOSED LIGHTING COLUMN:
Proposed 6m galvanised steel lighting column as per LCC lighting column spec with post top mounted lantern and 0 degree tilt.
LANTERN MANUFACTURER: ASD Lighting
LANTERN: Highway Diamond HWD2
PROJECTION: 0.4m
TILT: 0°
LUMINOUS INTENSITY RATING: G3
LAMP TYPE: LED 3000K Warm White
OPTIC: F0
LUMEN OUTPUT: 3.56klm
FILENAME: HWD2-#3K16 700-F0-CLO (34W)
PHOTOCELL: 7 pin NEMA socket and 5 pin Telensa Cell
DIMMING: Luminaires to be dimmed by 50% light output
BALLAST: Dali dimmable electronic ballasts and not to include constant light output.
ISOLATOR: Charles Endirect Double Pole Isolator
SUPPLY TYPE: New DNO Supply

2.00 Isolux contour line

0.60 Isolux contour line

NOTES.

1. DO NOT SCALE THIS DRAWING.

2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS, ARCHITECTS AND SPECIALIST DESIGN DRAWINGS AND DETAILS.

3. ANY DISCREPANCIES NOTED ON SITE ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.

4. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ANY SERVICE APPARATUS IN THE VICINITY OF THE WORKS. THE CLIENT WILL ACCEPT NO CLAIMS WHATSOEVER IN RESPECT OF ANY LOSSES OR DAMAGE CAUSED IN RESPECT OF SUCH APPARATUS, HOWEVER CAUSED.

5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXECUTE THE WORKS AT ALL TIMES IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE HEALTH AND SAFETY AT WORK ACT 1974, AND THE C.D.M. REGULATIONS 2015. THE CONTRACTOR WILL BE DEEMED TO HAVE ALLOWED FOR FULL COMPLIANCE, WITHIN THIER RATES.

6. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL WORKS ARE TO THE SATISFACTION OF THE ENGINEER, AND SHALL BE DEEMED TO HAVE INCLUDED WITHIN THEIR RATES FOR ANY NECESSARY TESTING.

Lighting Class:

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

Lighting Class: P5

Eav: 3.00 - 4.50 Lux
Emin: 0.60 Lux

MF = 0.84

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

THE POSSIBILITY OF SHIELDS BEING REQUIRED WILL BE THE RESPONSIBILITY OF OWL HOMES.

NO WORKS SHALL BE CONSTRUCTED UNTIL TECHNICAL APPROVAL HAS BEEN OBTAINED FROM THE LOCAL AUTHORITY BY THE DEVELOPER. SHOULD WORKS BE CONSTRUCTED WITHOUT APPROVAL THEY WILL BE ENTIRELY AT THE DEVELOPERS RISK.

REV	AMENDMENTS	DATE	DRN

www.lovedaylighting.com

PROJECT TITLE
WOOD LANE
HIGHAM ON THE HILL

CLIENT
OWL HOMES

DRAWING TITLE
STREET LIGHTING LAYOUT

REVISION	SHEET SIZE	SCALE
-	A1	1:500

DRAWN BY	DATE
AL	25.04.2023

DRAWING NUMBER
LL1583-001

STATUS
INFORMATION / APPROVAL