

**RESIDUAL DESIGN HAZARDS**

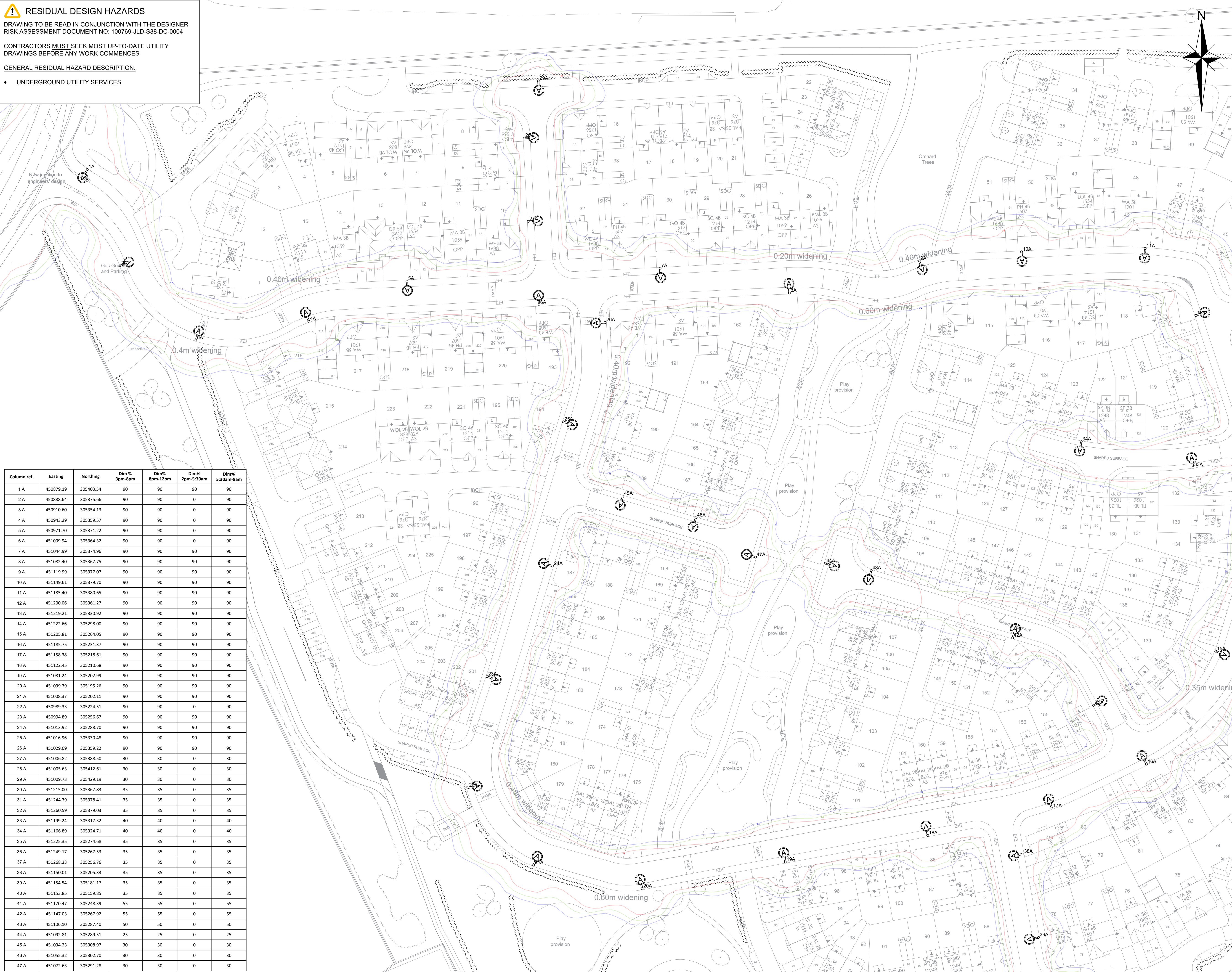
DRAWING TO BE READ IN CONJUNCTION WITH THE DESIGNER RISK ASSESSMENT DOCUMENT NO: 100769-JLD-S38-DC-0004

CONTRACTORS MUST SEEK MOST UP-TO-DATE UTILITY DRAWINGS BEFORE ANY WORK COMMENCES

GENERAL RESIDUAL HAZARD DESCRIPTION:

- UNDERGROUND UTILITY SERVICES

Column ref.	Easting	Northing	Dim % 3pm-8pm	Dim% 8pm-12pm	Dim% 2pm-5:30am	Dim% 5:30am-8am
1 A	450879.19	305403.54	90	90	90	90
2 A	450888.64	305375.66	90	90	90	90
3 A	450910.60	305354.13	90	90	90	90
4 A	450943.29	305359.57	90	90	90	90
5 A	450971.70	305371.22	90	90	90	90
6 A	451009.94	305364.32	90	90	90	90
7 A	451044.99	305374.96	90	90	90	90
8 A	451082.40	305367.75	90	90	90	90
9 A	451119.99	305377.07	90	90	90	90
10 A	451149.61	305379.70	90	90	90	90
11 A	451185.40	305380.65	90	90	90	90
12 A	451200.06	305361.27	90	90	90	90
13 A	451219.21	305330.92	90	90	90	90
14 A	451222.66	305298.00	90	90	90	90
15 A	451205.81	305264.05	90	90	90	90
16 A	451185.75	305231.37	90	90	90	90
17 A	451158.38	305218.61	90	90	90	90
18 A	451122.45	305210.68	90	90	90	90
19 A	451081.24	305202.99	90	90	90	90
20 A	451039.79	305195.26	90	90	90	90
21 A	451008.37	305202.11	90	90	90	90
22 A	450989.33	305224.51	90	90	90	90
23 A	450994.89	305256.67	90	90	90	90
24 A	451013.92	305288.70	90	90	90	90
25 A	451016.96	305330.48	90	90	90	90
26 A	451029.09	305359.22	90	90	90	90
27 A	451006.82	305388.50	30	30	0	30
28 A	451005.63	305412.61	30	30	0	30
29 A	451009.73	305429.19	30	30	0	30
30 A	451215.00	305367.83	35	35	0	35
31 A	451244.79	305378.41	35	35	0	35
32 A	451260.59	305379.03	35	35	0	35
33 A	451199.24	305317.32	40	40	0	40
34 A	451166.89	305324.71	40	40	0	40
35 A	451225.35	305274.68	35	35	0	35
36 A	451249.17	305267.53	35	35	0	35
37 A	451268.33	305256.76	35	35	0	35
38 A	451150.01	305205.33	35	35	0	35
39 A	451154.54	305181.17	35	35	0	35
40 A	451153.85	305159.85	35	35	0	35
41 A	451170.47	305248.39	55	55	0	55
42 A	451147.03	305267.92	55	55	0	55
43 A	451106.10	305287.40	50	50	0	50
44 A	451092.81	305289.51	25	25	0	25
45 A	451034.23	305308.97	30	30	0	30
46 A	451055.32	305302.70	30	30	0	30
47 A	451072.63	305291.28	30	30	0	30



NOTES:

- ALL COLUMNS TO BE DISTRIBUTION NETWORK OPERATOR (DNO) SUPPLIED UNLESS OTHERWISE DETAILED
- ALL EQUIPMENT TO BE MADE ELECTRICALLY SAFE PRIOR TO COMMENCEMENT OF WORKS.
- ALL ELECTRICAL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH BS 7671:2018 IET WIRING REGULATIONS 18TH EDITION.
- CONTRACTOR TO LIAISE WITH DISTRIBUTION NETWORK OPERATOR PRIOR TO COMMENCEMENT OF WORKS.
- COLUMNS TO BE DESIGNED TO BS EN 40.
- DESIGN TO BE BUILT IN ACCORDANCE WITH THE LEICESTERSHIRE COUNTY COUNCIL (LCC) STREET LIGHTING SPECIFICATION
- ANY ALTERATION TO THE POSITIONS OF COLUMNS AS SHOWN ON THIS DRAWING MUST BE REFERRED TO THE DESIGNER TO ENSURE COMPLIANCE WITH LIGHTING LEVEL REQUIREMENTS BEFORE INSTALLATION. ANY CHANGE TO DRAWING OR COLUMN LOCATIONS AFTER APPROVAL WILL REQUIRE RE SUBMISSION TO LCC FOR REASSESSMENT.
- THE DEVELOPER WILL BE RESPONSIBLE FOR MARKING OUT THE POSITIONS AS PER THE PLAN WHICH MUST ALWAYS BE WITHIN THE AREA TO BE ADOPTED BY THE HIGHWAY AUTHORITY.
- ALL COLUMN DOORS TO FACE AWAY FROM ONCOMING TRAFFIC UNLESS ACCESS RESTRICTED OR OTHERWISE SPECIFIED.
- COLUMN NUMBERING AS DETAILED IS FOR REFERENCE ONLY. CONTRACTOR TO AFFIX NUMBERING IN LINE WITH LCC SPECIFICATION PRIOR TO ADOPTION.
- LCC SPECIFICATION TELENIA TELECELLS TO BE INSTALLED, CONNECTED AND OPERATIONAL WITH LCC CENTRAL MANAGEMENT SYSTEM (CMS) PRIOR TO ADOPTION HANDOVER.
- IF SHIELDS ARE REQUIRED, THEY MUST BE PRODUCED BY THE LANTERN MANUFACTURER.
- IT IS THE RESPONSIBILITY OF DEVELOPER TO ENSURE ALL LIGHTING EQUIPMENT HAS AN UNLIMITED DNO LV SERVICE CONNECTION AND PAYS FOR THE ELECTRICITY CHARGES UP TO THE FORMAL DATE OF THE LCC ADOPTION.
- TO AVOID FUTURE MAINTENANCE ISSUES AND ENSURE EFFICIENCY OF THE LIGHTING SCHEME, PLANTING OF TREES AND SHRUBBERY WITHIN THE VICINITY OF THE LIGHTING EQUIPMENT IS TO BE AVOIDED. IT IS RECOMMENDED THAT A CLEARANCE FROM TREE TRUNK TO COLUMN BE A MINIMUM OF FOUR METRES.

KEY - STREET LIGHTING EQUIPMENT:

 COLUMN: NEW 6m TUBULAR SECTION GALVANISED STEEL REFER TO LCC STANDARD DETAIL SD13/3

 LUMINAIRE: POST TOP MOUNTED ASD HIGHWAY DIAMOND MICRO HW22 2700K 16LED 700mA M1 C.O. 5mW 33W 3.59m R STANDARD LIGHT GREY COMPLETE WITH 7-PIN NEMA SOCKET

 SHIELD: ASD REAR LIGHT SHIELD AS LISTED IN SCHEDULE

 DRIVER: PHILIPS XITANIUM DALI - CLO

 CONTROL: GPS ENABLED TELENIA TELECELL

 ISOLATION: CHARLES ENDIRECT L2SFI/A1 DP324 LOCKABLE SWITCH

 DIMMING: PLEASE REFER TO SCHEDULE AND DOCUMENT 100769-JLD-S38-DC-0005 FOR PART NIGHT RISK ASSESSMENT AND PREPOST ADIPTION DIMMING VALUES

 SUPPLY: NEW UNLIMITED DNO CONNECTION

 TERMINATION: TYPE 1 AS PER LCC SD14/12

 QUANTITY: 47

KEY - HORIZONTAL ILLUMINANCE

 0.40 LUX CONTOUR

 0.60 LUX CONTOUR

 1.00 LUX CONTOUR

P01	JJ	JJ	29.07.2025	FIRST ISSUE
REV	DRN	DES	DATE	DESCRIPTION

joseph lighting

www.josephlighting.co.uk

Client

BELLWAY

Project

DESFORD LANE
RATBY
LEICESTERSHIRE

Title

S38 AGREEMENT
PROPOSED LIGHTING LAYOUT

Scale	Drawn	Design	Date
1:500	JJ	JJ	29/07/2025

Drawing No.	Status	Revision
100769-JLD-S38-DR-1301	FOR APPROVAL	P01
		Sheet Size
		A1