

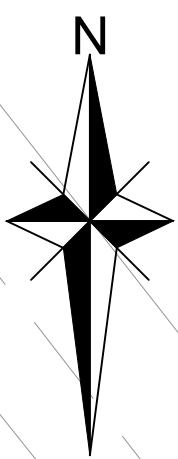
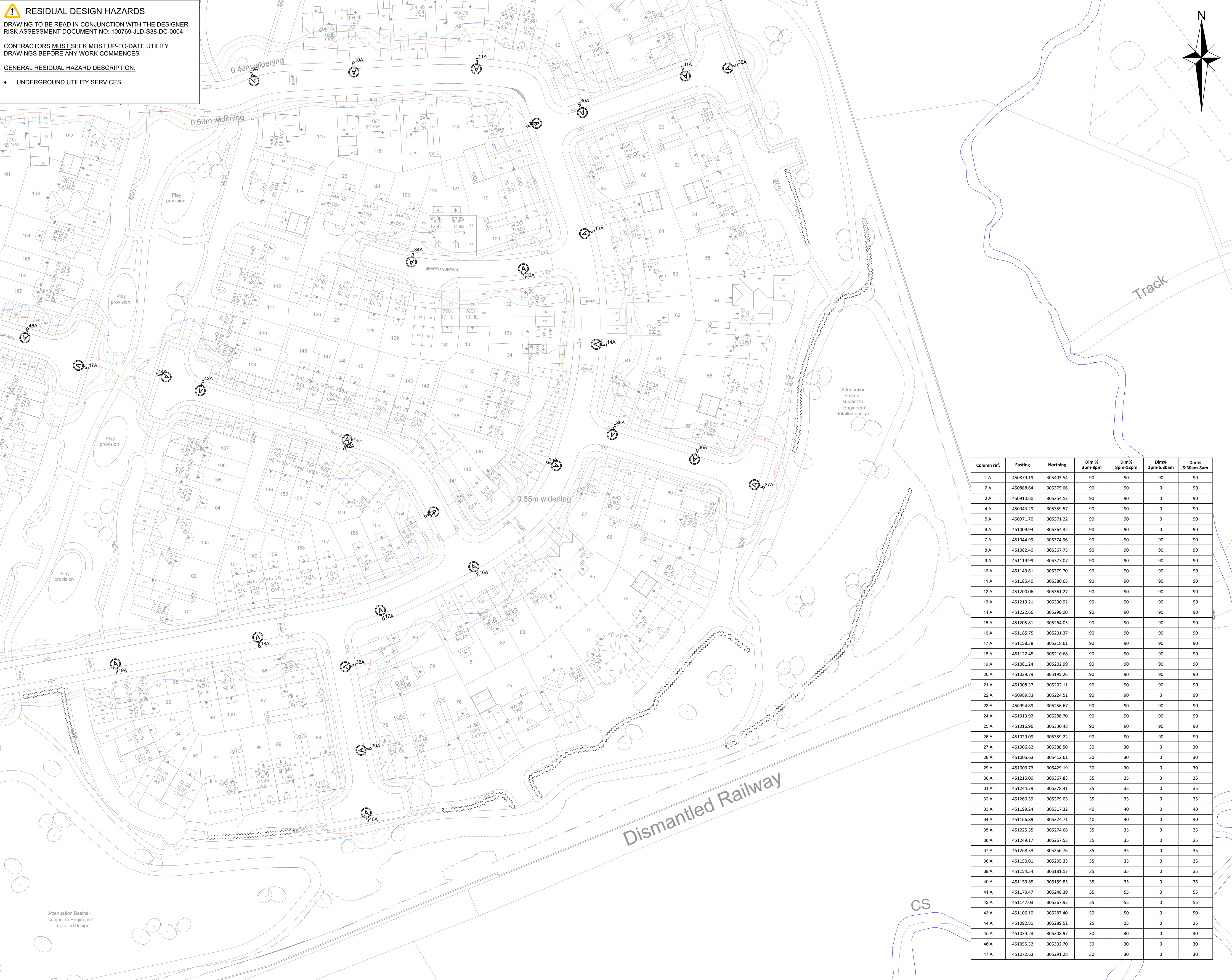
**RESIDUAL DESIGN HAZARDS**

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



- 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 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 TELENESA 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 UNMETERED 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 SD1133
  - LUMINAIRE: POST TOP MOUNTED ASD HIGHWAY DIAMOND MICRO HW22 2700K 16LED 700mA M1 C.O. 5mW 33W 3.20m IN 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 TELENESA 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 ADOPTION DIMMING VALUES
  - SUPPLY: NEW UNMETERED DNO CONNECTION
  - TERMINATION: TYPE 1 AS PER LCC SD114/12
  - QUANTITY: 47

- KEY - HORIZONTAL ILLUMINANCE**
- 0.40 LUX CONTOUR
  - 0.60 LUX CONTOUR
  - 1.00 LUX CONTOUR

| Column ref. | Easting   | Northing  | Dim % 3pm-6pm | 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            | 0               | 90              |
| 3 A         | 450910.60 | 305354.13 | 90            | 90            | 0               | 90              |
| 4 A         | 450943.29 | 305359.57 | 90            | 90            | 0               | 90              |
| 5 A         | 450971.70 | 305371.22 | 90            | 90            | 0               | 90              |
| 6 A         | 451009.94 | 305364.32 | 90            | 90            | 0               | 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            | 0               | 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              |

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 1:500

Drawn JJ

Design JJ

Date 29/07/2025

Drawing No.

100769-JLD-S38-DR-1302

Revision

P01

Status

FOR APPROVAL

Sheet Size

A1