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**GENERAL NOTES**

- DO NOT SCALE FROM THIS DRAWING.
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- ALL LEVELS ARE IN METRES RELATIVE TO ORDNANCE DATUM UNLESS NOTED OTHERWISE.
- THIS DRAWING HAS BEEN BASED UPON SURVEY / OS INFORMATION SUPPLIED BY INTERLOCK SURVEYS LIMITED. REDROW HASKONING DHV SHALL NOT BE LIABLE FOR ANY INACCURACY OR DEFICIENCIES ARISING FROM IT.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS.
- ALL MATERIALS AND WORKMANSHIP WILL BE AS SPECIFIED IN THE SPECIFICATION UNLESS NOTED OTHERWISE.
- ALL LEVELS, DIMENSIONS AND LOCATIONS ARE TO BE CHECKED BY THE MAIN CONTRACTOR PRIOR TO COMMENCEMENT OF ANY WORK ON SITE.

**Proposed**  
 Column: 6m galvanized tubular steel column  
 Luminaire: Philips Micro Luma DX70 4800  
 Outreach: 300mm  
 Luminaire Output: 4.8lm  
 Candela: 8lx  
 Min. BGP: 15, DX70\_4800\_20LED\_5.15,  
 CLO\_L10\_2WV.mlx

**Proposed**  
 Column: 6m 105° Project galvanized tubular steel column  
 Luminaire: Philips Micro Luma DM10 1200  
 Outreach: 300mm  
 Luminaire Output: 1.23lm  
 Candela: 8lx  
 Min. BGP: 15, DM10\_1200\_LED\_5.15,  
 CLO\_L10\_2WV.mlx

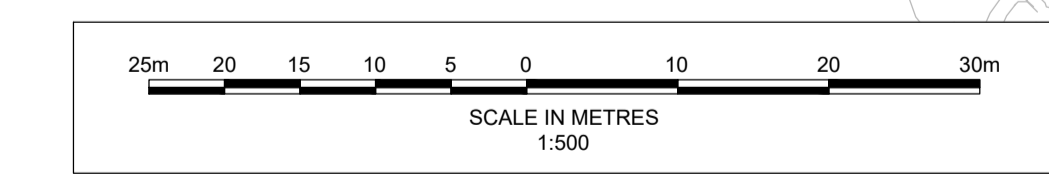
**Proposed column scheme number**  
 EB = Proposed DNO connection  
 All numbering to be finalised with the authoritative engineer.  
 0.76 lux isobac contour line (BS5489:2013)  
 P104 - minimum for with S/P ratio of 1.0/1  
 3.69 lux isobac contour line (BS5489:2013)  
 P104 - E.gv minimum for with S/P ratio of 1.0/1

**Bat Hops**  
 Refer to lighting calculations for Lux levels

**KEY PLAN**

REV	DATE	DESCRIPTION	BY	CHK	APP
P03	26/02/20	AMENDED TO DISPLAY BAT HOPS	JBW	PV	DJ
P02	04/02/20	UPDATED AS PER JANUARY COMMENTS	JBW	PV	DJ
P01	09/07/19	FIRST ISSUE	JBW	PV	DJ

DRAWING STATUS: PRELIMINARY



- NOTES**
- ALL WIRING INCLUDING COMPONENT LABELLING TO BE IN ACCORDANCE WITH BS7671.
  - PRIOR TO EXCAVATION WORKS THE INSTALLATION CONTRACTOR MUST BE AWARE OF UNDERGROUND SERVICES OR HAZARDS WHICH MAY BE ENCOUNTERED IN THE INSTALLATION OF THE LIGHTING SYSTEM. ADVICE SHOULD BE SOUGHT FROM THE DEVELOPER'S ENGINEERING REPRESENTATIVE.
  - THE INSTALLATION CONTRACTOR MUST BE AWARE OF ANY OVERHEAD OBSTRUCTIONS. ADVICE SHOULD BE SOUGHT FROM THE DEVELOPER'S ENGINEERING REPRESENTATIVE.
  - THESE CALCULATION RESULTS ARE BASED ON A 1.5M BY 1.5M GRID AND ILLUSTRATE PERCEIVED LIGHTING LEVELS FOR COLUMNS POSITIONED TO SUIT THE LOCAL TOPOGRAPHY.
  - ALL COLUMN DOORS SHALL FACE AWAY FROM ONCOMING TRAFFIC UNLESS ACCESS IS RESTRICTED.
  - UNTIL TECHNICAL APPROVAL HAS BEEN OBTAINED FROM THE RELEVANT ADOPTING AUTHORITY, IT SHOULD BE UNDERSTOOD THAT ALL DRAWINGS ISSUED ARE PRELIMINARY AND NOT FOR CONSTRUCTION. SHOULD THE CONTRACTOR COMMENCE SITE WORK PRIOR TO APPROVAL BEING GIVEN, IT IS ENTIRELY AT HIS OWN RISK.
  - THE MAINTENANCE FACTOR IS ESTIMATED AND IS SUBJECT TO CONFIRMATION BY THE ADOPTING AUTHORITY / AUTHORITIES.

**Zone A8**

**Zone A7**

**RESERVED MATTERS**

**STREET LIGHTING LAYOUT SHEET 4 OF 4**

**ROYAL HASKONING DHV**  
 Enhancing Society Together

DRAWN: JBW	CHECKED: PV	APPROVED: DJ
DATE: JUL-19	SCALE AT A3: 1:500	PROJECT NUMBER: PB8301
DRAWING NO: PB8301-RHD-DE-H1-DR-D-1304	REVISION: P03	