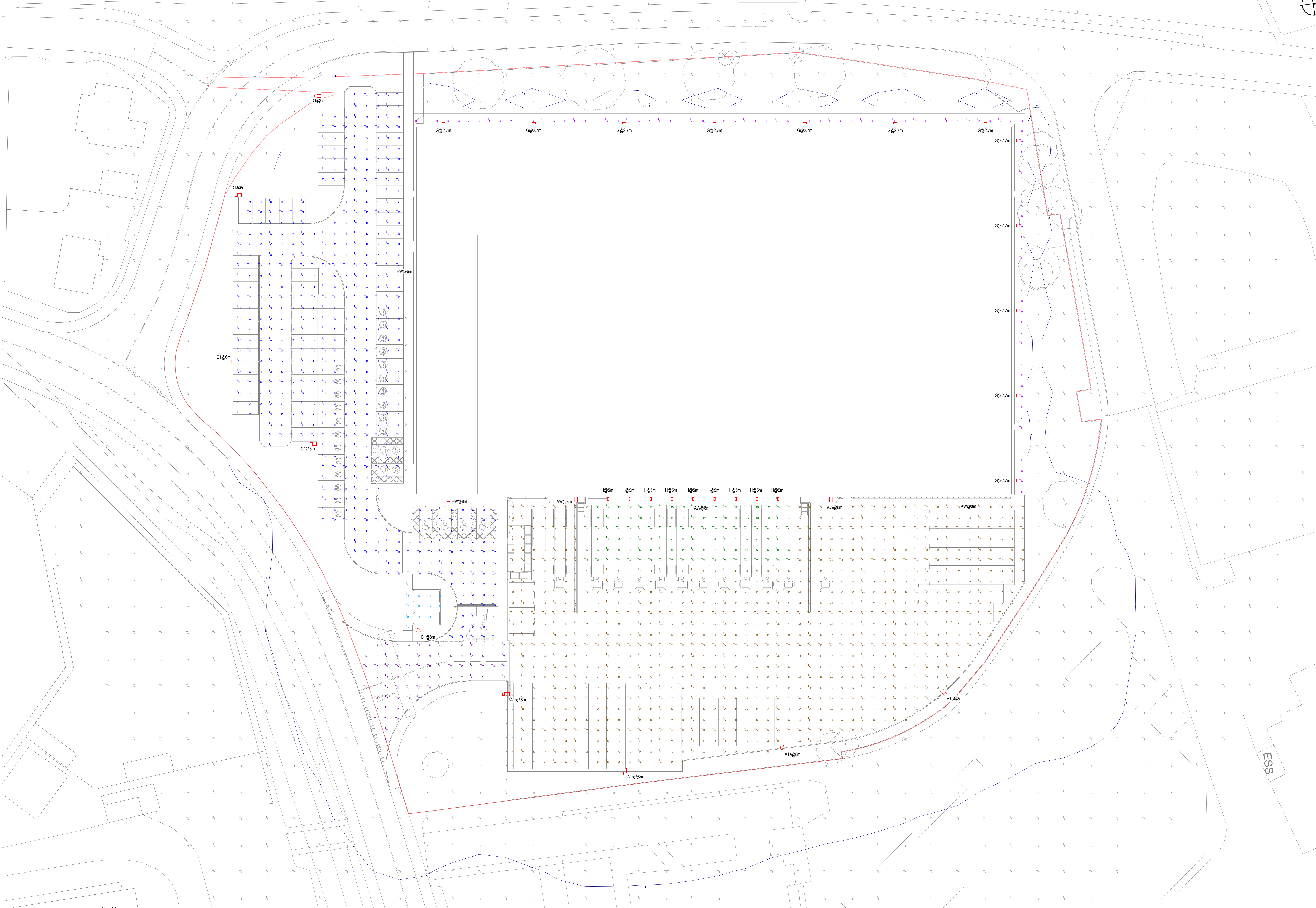
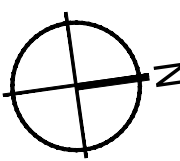
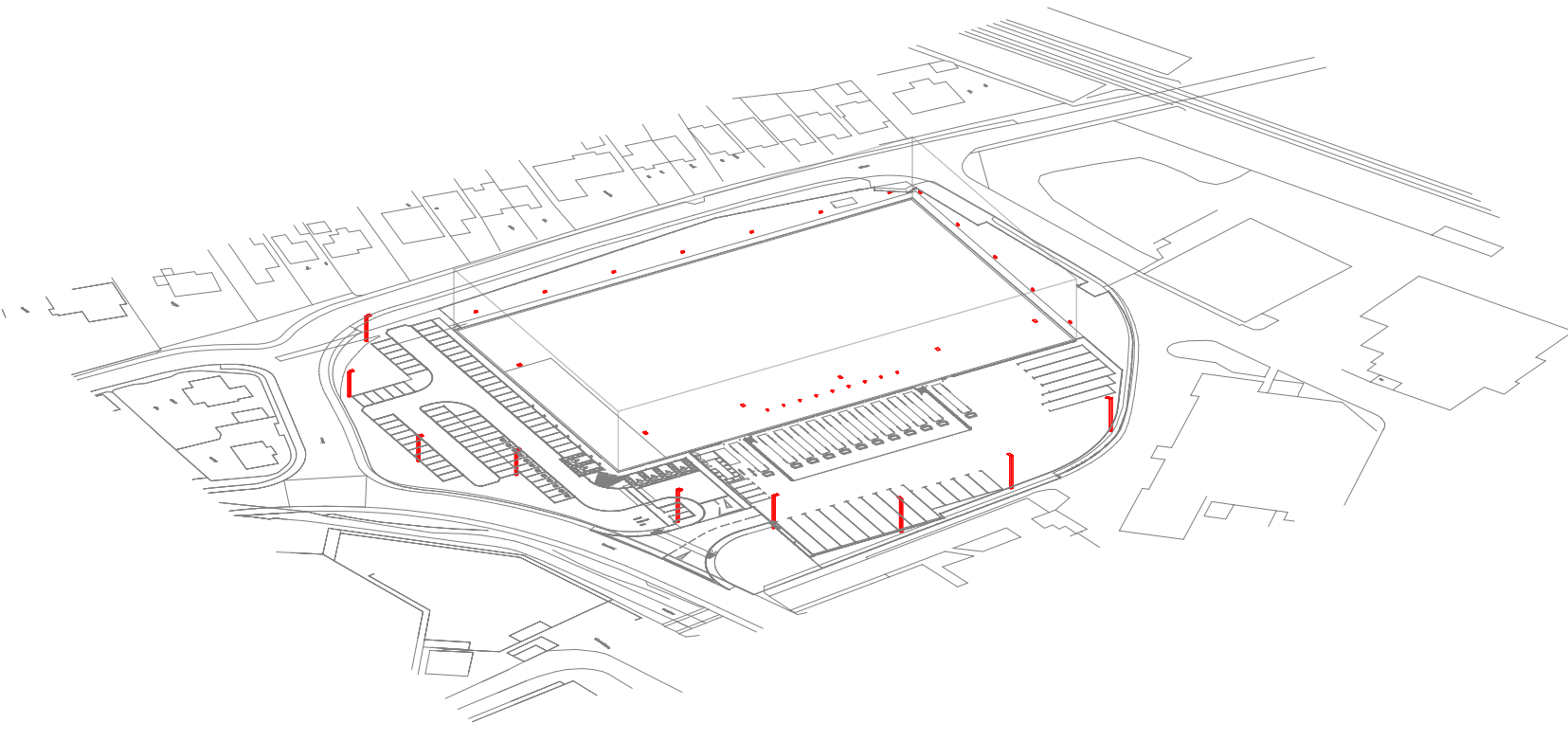




Schedule					
Symbol	Label	Quantity	Catalog Number	Description	Wattage
	AW	4	DSX2.4.LA04.FWE (TZ)	D-Series 2 - Area luminaire on Wall Bracket at 8m AFFL	268
	A1s	4	DSX2.4.LA04.FWE (DSX2.1 00.ED.BLS) (TZ)	D-Series 2 - Area luminaire with back light shield on 8m Column	268
	B1	1	DSX1.4.LA224.FWE (TZ)	D-Series 1 - Area luminaire on 8m Column	145
	C1	2	DSX0.4.LA154.BLC (TZ)	D-Series 0 - Area luminaire on 6m Column with Extreme Backlight Spill Control Optics	106
	D1	2	DSX0.4.LA154.LCCO (TZ)	D-Series 0 - Area luminaire on 6m Column with Extreme Corner Spill Control Optics	116
	EW	2	DSX0.4.LA114.FW (TZ)	D-Series 0 - Area luminaire on Wall Bracket at Height Shown	75
	G	12	DWL1.LA014.HN.W007	Denver ID Wall at 2.7m AFFL	6.5
	H	9	TBHF.POL1.7026AR030QL	7026 - POLAR 1 30W MOD. AR 4000K. at 5m Zero Tilt	30

Statistics				
Description	Symbol	Avg	Min	Min/Avg
Access Road - 200/40U	+	25 lux	9 lux	0.36
Car Park - 200/28U	+	20 lux	5 lux	0.25
Cycles	+	22 lux	14 lux	0.64
Dock Doors - 500/40U	+	84 lux	51 lux	0.61
Road Walkways - 100/40U	+	10 lux	5 lux	0.50
Service Yard - 500/40U	+	50 lux	22 lux	0.44
SPILL	+	1 lux	0 lux	0.00



RESIDUAL RISK REGISTER			
NO.	DESCRIPTION OF HAZARD	CONTROL MEASURES	ACTION BY
1	UNKNOWN BURIED SERVICES AND SERVICES IDENTIFIED IN WIRING LOCATION	IDENTIFICATION OF EXISTING UNDERGROUND SERVICES USING UTILITY RECORDS, DRAWINGS AND CAT SCANNING OF GROUND	CONTRACTOR
		CAREFUL EXCAVATION USING SLOT TRENCHES AND CAT SCANNING OF GROUND	

- NOTES**
- THIS DRAWING PROVIDES THE OUTLINE DESIGN INTENT AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES. THE CONTRACTOR IS TO DEVELOP THE DESIGN SOLUTION BASED ON THIS DRAWING AND IN CONJUNCTION WITH ALL OTHER ENGINEERING SERVICES CONSULTANCY LIMITED DRAWINGS, SPECIFICATION AND CONTRACT DOCUMENTATION.
 - THE CONTRACTOR SHALL REVIEW THE ENGINEERING SERVICES CONSULTANCY LIMITED DOCUMENT ISSUE SHEET TO ENSURE ALL DOCUMENTS HAVE BEEN RECEIVED.
 - THE CONTRACTOR SHALL REVIEW ALL CONTRACT DOCUMENTATION INCLUDING ARCHITECT, STRUCTURAL AND CIVIL DRAWINGS AND SPECIFICATIONS. ANY DISCREPANCIES NOTED DURING THIS REVIEW MUST BE HIGHLIGHTED TO THE CLIENT TEAM DURING THE TENDER PERIOD.
 - ALL WORKS SHALL BE DESIGNED, INSTALLED, TESTED AND COMMISSIONED IN ACCORDANCE WITH REQUIREMENTS AND/OR RECOMMENDATIONS OF ALL RELEVANT BRITISH STANDARDS (OR EQUIVALENT EUROPEAN STANDARDS), REGULATIONS AND LEGISLATION.
 - THE DRAWINGS SHOWS A GENERAL REPRESENTATION OF THE EQUIPMENT AND SERVICES. ALL LOCATIONS AND DIMENSION ARE TO BE CONFIRMED AS PART OF THE DETAILED DESIGN.
 - ALL INSTALLED PLANT AND EQUIPMENT SHALL BE INSTALLED TO THE RECOMMENDATIONS OF THE MANUFACTURER. ALL NECESSARY EQUIPMENT AND ACCESSORIES FOR THE ENTIRE WORKING INSTALLATION SHALL BE PROVIDED AS REQUIRED BY THE CONTRACTOR.
 - THE CONTRACTOR SHALL ENSURE THAT ALL WORKS ARE CO-ORDINATED WITH ALL OTHER TRADES AND THE SERVICES INSTALLATION UNDERTAKEN DOES NOT CLASH AND ADEQUATE SPACE IS PROVIDED FOR FUTURE INSPECTION, SERVICES, MAINTENANCE AND REPLACEMENT.
 - ALL DIMENSIONS AND SIZES ARE DETAILED IN MILLIMETRES, UNLESS OTHERWISE STATED.
 - WHERE SERVICES ARE INSTALLED AT HIGH LEVEL, THEY SHALL BE SUPPORTED VIA METALLIC TYPE FIXINGS, TO PREVENT PREMATURE COLLAPSE IN A FIRE.
 - CONSIDERATION MUST BE GIVEN TO ENSURE ALL ITEMS OF PLANT AND EQUIPMENT INSTALLED ABOVE CEILING ARE LOCATED AT A HEIGHT/ POSITION WHERE THEY ARE READILY AVAILABLE FOR MAINTENANCE PURPOSES. IDEALLY THIS SHOULD BE NO MORE THAN 500mm FROM THE CEILING GRID LEVEL.
 - SERVICES PASSING THROUGH DESIGNATED FIRE COMPARTMENTS SHALL BE PROVIDED WITH APPROPRIATE ACOUSTIC TREATMENT.
 - ALL ONSITE HEALTH AND SAFETY REGULATIONS ARE TO BE OBSERVED AT ALL TIMES.
 - THE CONTRACTOR SHALL REMOVE ALL REDUNDANT MATERIALS FROM SITE.
 - THE EXTERNAL LIGHTING SHALL BE DESIGNED TO ENSURE THAT THE REQUIRED LIGHTING LEVELS ARE ACHIEVED WHILST MINIMISING GLARE AND LIGHT SPILLAGE TO THE SURROUNDING AREAS AND TO ENSURE THERE IS NO DIRECT CONTRIBUTION TO UPWARD LIGHT POLLUTION.
 - THE EXTERNAL LIGHTING SCHEME SHALL BE PROVIDED IN ACCORDANCE WITH THE LOCAL PLANNING AUTHORITIES REQUIREMENTS/RESTRICTIONS.
 - THE EXTERNAL LIGHTING SHALL BE COORDINATED WITH LANDSCAPE ARCHITECTURE, CIVIL WORKS AND ARCHITECTURAL LAYOUTS.
 - AS A MINIMUM, THE CONTROL OF THE LIGHTING SCHEME SHALL BE VIA A TIME CLOCK & PROTOCOL. THE PROTOCOL SHALL BE FIXED TO A NORTH FACING WALL, ALSO REFER TO ESC EXTERNAL LIGHTING CONTROL STRATEGY.
 - GENERALLY, LIGHTING COLUMNS SHALL BE GALVANISED STEEL CONSTRUCTION.
 - WHERE COLUMNS ARE POSITIONED NEAR TO NEIGHBOURING PROPERTIES, OR LOCATED ON THE PERIMETER OF THE SITE, THEY SHALL BE COMPLETE WITH SUITABLE BACK-SHIELDS TO PREVENT LIGHT SPILL.
 - ALL COLUMNS SHALL HAVE A FLEXIBLE DUCT PASSING INTO THE BASE, THROUGH THE CONCRETE, TO ENSURE THAT FUTURE REWIRING OF THE CIRCUITS IS POSSIBLE.
 - WHERE LUMINAIRES ARE FIXED DIRECTLY TO THE EXTERNAL BUILDING FABRIC, THE LUMINAIRES SHALL BE THE SAME RAL COLOUR AS THE BUILDING FABRIC OR AGREED RAL COLOUR WITH THE ARCHITECT.
 - ALL BUILDING MOUNTED LUMINAIRES SHALL BE SECURED TO THE BUILDING FABRIC VIA A SUITABLE MOUNTING PLATE. THE MOUNTING PLATE SHALL BE FIXED TO THE CLADDING, SPACED OVER PROFILED SECTIONS, PROVIDED AND FIXED BY THE SPECIALIST CLADDING CONTRACTOR. THE MOUNTING PLATE RAL COLOUR SHALL MATCH THE ASSOCIATED CLADDING SECTIONS.
 - WHERE SERVICES NEED TO BE INSTALLED WITHIN DUCTS / TRENCHES, THE ELECTRICAL CONTRACTOR SHALL SUPPLY THE MAIN CONTRACTOR WITH DETAILS OF REQUIRED DUCT ROUTES AND DRAW PIT LOCATIONS.
 - DURING INSTALLATION OF THE EXTERNAL LIGHTING A DRAW WIRE SHALL BE PULLED THROUGH WITH THE CABLEING TO PROVIDE A MEANS OF INSTALLING FUTURE SERVICES.
 - ALL COLUMNS SHALL BE INSTALLED SO THAT THE ACCESS PANEL IS FACING THE SOFT LANDSCAPE AND/OR PAVEMENT, AWAY FROM THE CARRIAGEWAY.

LEGEND			
			EXTERNAL LIGHTING COLUMNS/BOLLARDS (REFER TO EXTERNAL LIGHTING DRAWINGS FOR MORE INFORMATION)

P2	28.10.25	Issued for planning	BC
P1	13.10.25	Issued for planning	DH
Rev.	Date	Details	Initials
Drawn			

PLANNING ISSUE

Client
Hinckley Investment LLP

Project
**Hammonds Way
Hinckley**

Drawing Title
**Proposed External Lighting Layout
(B8 Parking)**

Drawn	Engineer	Approved
DM	DH	DH
Project No.	Date	Issue No.
2318	Oct 2025	1:250
Drawing No.	Revision	
2318-ESC-00-ZR-DR-E-2100	P2	

THIS DRAWING IS FOR INFORMATION ONLY TO DEMONSTRATE DESIGN INTENT AND REPRESENTS THE AGREED SERVICES STRATEGY AND MINIMUM STANDARDS TO BE ACHIEVED, WHERE ADDITIONAL DETAILS HAVE BEEN SHOWN, THIS HAS BEEN PROVIDED IN ORDER TO CONVEY GREATER UNDERSTANDING OF THE CONCEPTUAL REQUIREMENTS AND SHALL NOT BE TAKEN AS DETAILED DESIGN.

IT HAS NOT BEEN PRODUCED TO ACCURATE DESIGN CALCULATIONS AND SHALL NOT BE USED FOR INSTALLATION PURPOSES.

THE CONTRACTOR WILL BE RESPONSIBLE FOR THE DESIGN OF THE ENGINEERING SERVICES IN ACCORDANCE WITH THE DESIGN AND BUILD CONTRACT. PLANT SIZING IS INDICATIVE AND THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE DETAILED DESIGN OF ALL PLANT AND EQUIPMENT.

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL CONTRACT DOCUMENTS, PROJECT SPECIFICATIONS AND DRAWINGS.

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