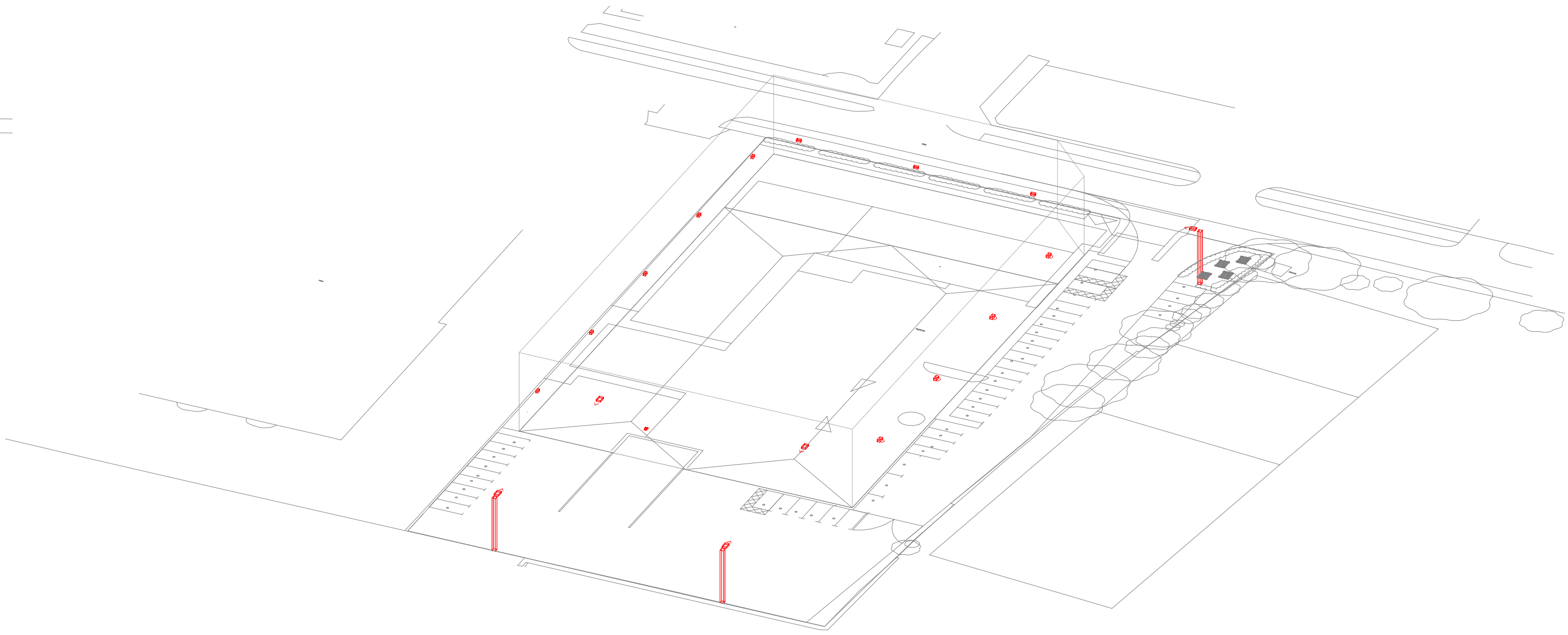




Schedule - Holophane Europe Lighting						
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Wattage
	AW	2		DSX2.2.LA364.FW on Wall Bracket at 8m height AFFL	D-Series 2 Luminaire	328
	B1	2		1 x DSX1.2.LA304.FW on 8m height Column	D-Series 1 Luminaire	286
	C1	1		1 x DSX0.1.LA154.FW on 8m height Column	D-Series 0 Area luminaire	133
	D	4		WAP.1.LA084.FW at 6m height AFFL	WALLPACK	63
	E	8		DWL.1.LA014.HN.W007 at 2.7m height AFFL	Denver ID Wall	6.5
	F	1		TBHF.POL.1.7026AR4035GL at 5m height Zero Tilt	7026 - POLAR 1.30W MOD. AR 4000K	30

Statistics				
Description	Symbol	Avg	Min	Min/Avg
Rear Walkways - 100.40Uo		9 lux	4 lux	0.44
Service Yard - 500.40Uo		50 lux	20 lux	0.40
Parking and Access - 200.40Uo		21 lux	9 lux	0.43



South East View

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Contractors must verify all dimensions on site before commencing works.
All works shall be coordinated with all other trades.
- REGISTERED FIRM
ISO 9001
QMS
- | RESIDUAL RISK REGISTER | | |
|------------------------|--|------------|
| NO. | DESCRIPTION OF HAZARD | ACTION BY |
| 1 | IDENTIFICATION OF EXISTING SERVICES IDENTIFIED BY RECORDS LOCATION | CONTRACTOR |
| | CAREFUL EXCAVATION USING SLOT TRENCHES AND CAT SCANNING OF GROUND | |
- NOTES**
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERING SERVICES CONSULTANCY LIMITED DRAWINGS
 - THE EXTERNAL LIGHTING SHALL BE DESIGNED TO ENSURE THAT 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.
 - 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 CLADDING PANELS. ALL LUMINAIRE FIXING BOLTS ETC. SHALL BE THE SAME COLOUR AS THE LUMINAIRE.
 - GENERALLY, THE COLUMNS SHALL BE GALVANISED STEEL CONSTRUCTION. THE ELECTRICAL CONTRACTOR SHALL LIAISE WITH THE ARCHITECT TO ASCERTAIN THE RAL COLOUR OF THE COLUMNS. THE COLUMN HEADS SHALL MATCH THE RAL COLOUR OF THE COLUMN.
 - 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 FIT LOCATIONS.
 - DURING INSTALLATION OF THE EXTERNAL LIGHTING A DRAIN WIRE SHALL BE PULLED THROUGH WITH THE CABLING TO PROVIDE A MEANS OF INSTALLING FUTURE SERVICES
 - A 7-DAY DIGITAL TIMECLOCK AND PHOTO ELECTRIC CELL ARRANGEMENT SHALL BE INSTALLED TO CONTROL THE EXTERNAL LIGHTING TO PREVENT OPERATION DURING DAYLIGHT HOURS. THE PHOTO ELECTRIC CELL SHALL BE LOCATED AT SUITABLE POSITIONS SUCH THAT IT IS NOT AFFECTED BY AN ARTIFICIAL LIGHT SOURCE. THE TIMECLOCK SHALL BE PROGRAMMED SO THAT ALL EXTERNAL LIGHTING IS SWITCHED OFF BETWEEN 23.00 AND 07.00.

P3	27.01.23	Issued for planning	CP
P2	08.01.23	Issued for planning	CP
P1	08.12.22	Issued for planning	CP

Rev.	Date	Details	Initials
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Client:
Coltham

Project:
Bennet Court Reading

Drawing Title:
External Lighting Layout

Purpose:
PLANNING ISSUE

Drawn SC	Engineer CP	Approved CP
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Project No. 1870	Date Dec 2022	Scale @ A2 1:200
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Drawn by 1870-ESC-00-ZZ-DR-E-2100	Revision P3
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THIS DRAWING IS FOR INFORMATION ONLY TO DEMONSTRATE DESIGN INTENT AND REPRESENTS THE AGREED SERVICING 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