

- NOTES:**
- ELECTRICAL CONTRACTOR TO VERIFY LIGHTING DESIGN PRIOR TO INSTALLATION. THIS IS ONLY A CONCEPTUAL DESIGN.
 - ELECTRICAL CONTRACTOR TO READ THIS DRAWING IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS.
 - ELECTRICAL CONTRACTOR TO ENSURE THE CAR PARK LUMINAIRES ARE INSTALLED TO COORDINATE WITH THE PARKING LOCATIONS.
 - ELECTRICAL CONTRACTOR TO ENSURE CABLES AND LIGHTING COLUMNS ARE LOCATED SUCH THAT THEY WILL NOT BE AFFECTED BY THE FUTURE GROWTH OF THE TREE ROOT, ETC. IN THE AREA OF THE CAR PARK.
 - ALL EXTERNAL LIGHTING IS TO BE CONTROLLED WITH A PHOTO CELL, LOCATED ON THE NORTH-ELEVATION, AND TIMER SUCH THAT THE LIGHTING WILL ENERGISE AT LOW AMBIENT LIGHTING AND WILL SWITCH OFF TOTALLY BETWEEN EARLY MORNING HOURS (TO BE DETERMINED BY THE LANDLORD), COMING ON AGAIN IN THE MORNING IF REQUIRED (TBC BY CLIENT).
 - THE LIGHTING DESIGN TO COMPLY WITH THE CIBSE GUIDE LOG6: THE OUTDOOR ENVIRONMENT, AND I.P. GUIDANCE NOTES FOR REDUCTION OF OBTRUSIVE LIGHT, 2011 AND ALL LATEST ADDITIONS.
 - ROAD LIGHTING DESIGNED TO COMPLY WITH BS5489-1:2013 CODE OF PRACTICE FOR DESIGN OF ROAD LIGHTING.

- LEGEND:**
- A** WALL / COLUMN MOUNTED D-SERIES LA364, FORWARD THROW OPTIC, 36000 INITIAL LUMENS PER LAMP, MAINTENANCE FACTOR = 1, WATTS PER LUMINAIRE = 328, TILT ANGLE= AS DETAILED, MOUNTING HEIGHT= AS DETAILED
 - A BLS** WALL / COLUMN MOUNTED D-SERIES LA364, FORWARD THROW OPTIC, WITH BACKLIGHT SHIELD, 36000 INITIAL LUMENS PER LAMP, MAINTENANCE FACTOR = 1, WATTS PER LUMINAIRE = 328, TILT ANGLE= AS DETAILED, MOUNTING HEIGHT= AS DETAILED
 - D** BUILDING/COLUMN MOUNTED D-SERIES LA114, ASYMMETRIC OPTIC, 11000 INITIAL LUMENS PER LAMP, MAINTENANCE FACTOR = 1, WATTS PER LUMINAIRE = 101, TILT ANGLE= AS DETAILED, MOUNTING HEIGHT= AS DETAILED
 - D BLS** BUILDING/COLUMN MOUNTED D-SERIES LA114, FORWARD THROW OPTIC, WITH BACKLIGHT SHIELD, 11000 INITIAL LUMENS PER LAMP, MAINTENANCE FACTOR = 1, WATTS PER LUMINAIRE = 101, TILT ANGLE= AS DETAILED, MOUNTING HEIGHT= AS DETAILED
 - L** BUILDING MOUNTED DENVER ELITE LM034, PRISMATIC GLASS LENS, 3000 INITIAL LUMENS PER LAMP, MAINTENANCE FACTOR = 1, WATTS PER LUMINAIRE = 31.4, TILT ANGLE= AS DETAILED, MOUNTING HEIGHT= AS DETAILED
 - M** BUILDING MOUNTED DENVER ELITE LM074, NARROW DISTRIBUTION, 7000 INITIAL LUMENS PER LAMP, MAINTENANCE FACTOR = 1, WATTS PER LUMINAIRE = 52, TILT ANGLE= AS DETAILED, MOUNTING HEIGHT= AS DETAILED
- MH: DENOTES MOUNTING HEIGHT
TILT: DENOTES TILT ANGLE

SPILL CONTOURS

5 lux
1 lux

THIS DRAWING IS AN INDICATIVE LAYOUT ONLY, DEMONSTRATING THE CONCEPTUAL REQUIREMENTS CORRELATING WITH THE AGREED SCHEMATIC SOLUTIONS. THE PURPOSE OF THIS DRAWING IS TO DEMONSTRATE DESIGN INTENT FOR FURTHER DEVELOPMENT BY THE RELEVANT SERVICES DESIGNER ONLY.

REV	DATE	DESCRIPTION	BY	CHK
P1	08/11/19	PRELIMINARY ISSUE	CP	CW
REV	DATE	DESCRIPTION	BY	CHK

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engineering change

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INFORMATION ONLY



PROJECT
NEW DISTRIBUTION CENTRE

DRAWING TITLE
PROPOSED EXTERNAL LIGHTING LAYOUT

SCALE (AS SHOWN)	DATE	BY	CHK
1:750	08/11/19	CP	CW

DRAWING NUMBER	REV
CPW-190081-E-EXT-XX-01	P2

