

CAR PARK LIGHTING

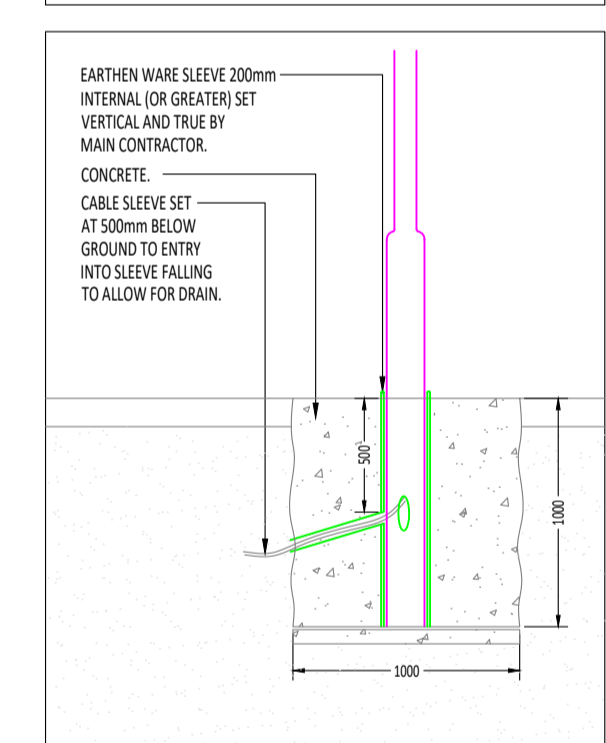
GENERAL	AVERAGE INDIRECT FRACTION
CALCULATION ALGORITHM USED	0.0m
HEIGHT OF EVALUATION SURFACE	0.8
MAINTENANCE FACTOR	(0.27)
UNIFORMITY U0 EMIN/EM	
ILLUMINANCE	
AVERAGE ILLUMINANCE EAV	22.8 LX
MINIMUM ILLUMINANCE EMIN	5.1 LX

SERVICE YARD

GENERAL	AVERAGE INDIRECT FRACTION
CALCULATION ALGORITHM USED	0.0m
HEIGHT OF EVALUATION SURFACE	0.8
MAINTENANCE FACTOR	(0.48)
UNIFORMITY U0 EMIN/EM	
ILLUMINANCE	
AVERAGE ILLUMINANCE EAV	55.1 LX
MINIMUM ILLUMINANCE EMIN	123 LX

WALKWAY

GENERAL	AVERAGE INDIRECT FRACTION
CALCULATION ALGORITHM USED	0.0m
HEIGHT OF EVALUATION SURFACE	0.8
MAINTENANCE FACTOR	(0.35)
UNIFORMITY U0 EMIN/EM	
ILLUMINANCE	
AVERAGE ILLUMINANCE EAV	13 LX
MINIMUM ILLUMINANCE EMIN	3 LX



A - ANSELL GABBRO

LUMINAIRE DATA	
LUMINAIRE LIGHT SOURCE:	LED
LUMINAIRE EFFICACY:	148lm/W
LUMINAIRE POWER:	80W
LUMINAIRE FLUX:	10744lm
LUMINAIRE COLOUR:	3000K

B - ANSELL LUPPA

LUMINAIRE DATA	
LUMINAIRE LIGHT SOURCE:	LED
LUMINAIRE EFFICACY:	135lm/W
LUMINAIRE POWER:	15W
LUMINAIRE FLUX:	1483lm
LUMINAIRE COLOUR:	3000K

C1 - ANSELL AZTEC 1

LUMINAIRE DATA	
LUMINAIRE LIGHT SOURCE:	LED
LUMINAIRE EFFICACY:	180lm/W
LUMINAIRE POWER:	40W
LUMINAIRE FLUX:	6370lm
LUMINAIRE COLOUR:	3000K

C2 - ANSELL AZTEC 2

LUMINAIRE DATA	
LUMINAIRE LIGHT SOURCE:	HD
LUMINAIRE EFFICACY:	175lm/W
LUMINAIRE POWER:	80W
LUMINAIRE FLUX:	13925lm
LUMINAIRE COLOUR:	3000K

EXTERNAL LIGHTING LEGEND

SYMBOL	DESCRIPTION	MANUFACTURER REF
A	6m HEIGHT MEDIUM DUTY LIGHTING COLUMN	ANSELL GABBRO
B	SURFACE MOUNTED IP RATED BALLHEAD	ANSELL LUPPA
C1/2	FLOODLIGHT	ANSELL AZTEC 1/2

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NOTES

THE GENERAL ELECTRICAL INSTALLATION WORK SPECIFICALLY HAS BEEN INSTALLED AND CONFORMS TO COMPLY WITH THE FOLLOWING CURRENT STANDARDS, REGULATIONS AND ALL RECOMMENDATIONS COVERED UNDER BRITISH STANDARDS, UNLESS OTHERWISE DETAILED ELSEWHERE IN THIS SPECIFICATION:

- THE REGULATIONS FOR ELECTRICAL INSTALLATIONS, LATEST EDITION, AS ISSUED BY THE INSTITUTION OF ENGINEERING AND TECHNOLOGY, HEREINAFTER REFERRED TO AS THE IET 18TH EDITION WIRING REGULATIONS BS7671
- THE REGULATIONS OF UK AND RELATED GOVERNING BODIES
- THE ELECTRICITY SAFETY QUALITY & CONTINUITY REGULATIONS 2002
- THE ELECTRICITY SUPPLY AUTHORITY GENERAL AND LOCAL REQUIREMENTS
- ALL RELEVANT BRITISH STANDARDS SPECIFICATIONS AND CODES OF PRACTICE
- LOCAL FIRE OFFICERS REQUIREMENTS
- THE FIRE PRECAUTIONS (WORKPLACE) REGULATIONS 1997
- THE ELECTRICITY SUPPLY AUTHORITY GENERAL AND LOCAL REQUIREMENTS
- SAFETY & DISCRIMINATION ACT (DDA)
- BS5436:2002 EMERGENCY LIGHTING
- PART L2B - EXISTING NON DWELLING 2009
- ALL SUBSEQUENT AMENDMENTS TO THE ABOVE.

LUX LEVEL LEGEND

0.1 LUX
0.5 LUX
1.0 LUX
2.0 LUX
5.0 LUX
10.0 LUX
20.0 LUX
30.0 LUX
50.0 LUX
75.0 LUX
100.0 LUX
150.0 LUX
200.0 LUX
300.0 LUX

THIS DRAWING IS PRODUCED IN ACCORDANCE WITH ARCHITECTS/MAN CONTRACTORS DRAWING REFERENCE

3310 05A Proposed Site Layout Plan

P1	PLANNING ISSUE	PDB	AS	25.03.26
REV	DESCRIPTION	DRN	CHK	DATE

PLANNING

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TLP Project No. C9263
Project Name: Turnbridge Mills
Quay Street, Huddersfield

Drawing Title
External Lighting Layout

Engineer	PDB	Checked by	JF	Drawn By	KAB
Date	09.12.25	Scale	1:200	Size	A1

Drawing Number

Project	Originator	Volume	Level	Type	Role	Number	Revision
C9263	TLP	XX	XX	DR	E	902	P1

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