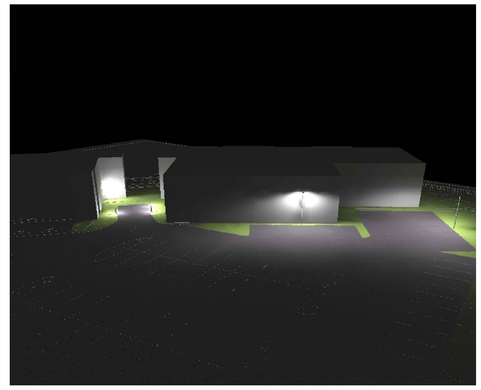
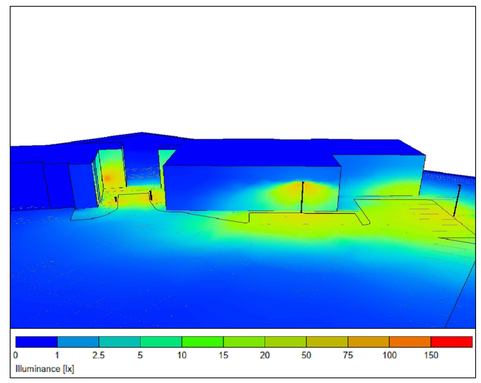
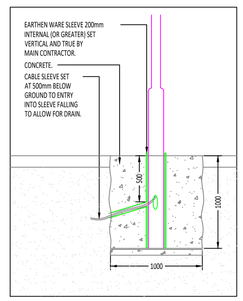




HOTEL EXTENSION CARPARK - ILLUMINATION VIEW N.T.S



HOTEL EXTENSION CARPARK - PSEUDO COLOURS VIEW N.T.S



TYPICAL COLUMN INSTALLATION DETAIL N.T.S

EXTERNAL LIGHTING LEGEND

SYMBOL	DESCRIPTION	LAMP	MANUFACTURER REF
A	EXTERNAL LED 6m COLUMN MOUNTED LUMINAIRE.	27W 3374lm - 137.1lm/W	ANSELL LIGHTING REF: AONIXLED/2
B	EXTERNAL LED ILLUMINATED BOLLARD.	13.5W 1049lm - 78.25lm/W	ASD LIGHTING REF: LHS/B3TP/L4/D3S
C	EXTERNAL LED WALL MOUNTED BULKHEAD LUMINAIRE.	18W 2012lm - 112lm/W	ANSELL LIGHTING REF: AVIL/1/GR



LUMINAIRE DATA	
LUMINAIRE LIGHT SOURCE:	LED
LUMINAIRE EFFICACY	145lm/W
LUMINAIRE POWER:	27W
LUMINAIRE FLUX:	3930lm
LUMINAIRE COLOUR:	4000K

A - ANSELL AONIX LED/2



LUMINAIRE DATA	
LUMINAIRE LIGHT SOURCE:	LED
LUMINAIRE EFFICACY	78.25lm/W
LUMINAIRE POWER:	13.5W
LUMINAIRE FLUX:	1049lm
LUMINAIRE COLOUR:	4000K

B - ASD LITEHOUSE BOLLARD



LUMINAIRE DATA	
LUMINAIRE LIGHT SOURCE:	LED
LUMINAIRE EFFICACY	112lm/W
LUMINAIRE POWER:	18W
LUMINAIRE FLUX:	2012lm
LUMINAIRE COLOUR:	3000K

C - ANSELL AVIL/1/GR

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NOTES

LIGHTING DESIGN

WITHIN THE PROPOSED SCHEME, THERE IS A REQUIREMENT FOR LIGHTING TO THE CAR PARK OF THE CONTINENTAL APPROACH, THEREFORE THE FOLLOWING WORKS WILL BE REQUIRED:

- DUE TO THE NEW PROPOSED EXTENSION CAR PARK, 2x NEW LIGHTING COLUMNS ARE REQUIRED TO ACHIEVE THE REQUIRED LIGHTING LEVELS. SEE SITE LAYOUT FOR DETAILS.
- ALL EXTERNAL LIGHTING IS TO BE CONTROLLED VIA A 24/7 TIME CLOCK IN CONJUNCTION WITH A PHOTOCELL.
- WITH RESPECT TO THE OVERALL ASSESSMENT AND CALCULATIONS CARRYOUT, THE EXTERNAL LIGHTING INDICATED AND POLLUTION LEVELS ARE NOT INFLUENCED BY THE PROPOSED NUMBER AND LOCATIONS OF LIGHTING COLUMNS.
- IN SUMMARY ITS OUR CONSIDERED OPINION THAT THE NEW LIGHTING WILL HAVE MINIMAL LIGHTING IMPACT TO THE SURROUNDING AREAS.

BS5489 PROVIDE GUIDELINES FOR LIGHTING PERFORMANCE CRITERIA. THE FOLLOWING ASSUMPTIONS ARE MADE:

- THE AREA TO BE ILLUMINATED IS CLASSIFIED AS A MIXED VEHICULAR AND PEDESTRIAN AREA ON THE SAME SURFACE

NOTE - THE LIGHTING SCHEME IS TO COMPLY WITH THE ILP GUIDANCE FOR THE REDUCTION OF OBSTRUCTIVE LIGHT GN01:2021

LUX LEVEL LEGEND

- 0.5 LUX
- 01 LUX
- 02 LUX
- 05 LUX
- 10 LUX
- 15 LUX
- 20 LUX
- 50 LUX

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

PI1077 AL8 PROPOSED SITE PLAN

REV	DESCRIPTION	DRN	CHK	DATE
T2	UPDATED EXTERNAL LIGHTING	JS	PAR	01.07.26
T1	STAGE 4 ISSUE	LM	MT	14.04.25

STAGE 4

Client
Whitbread PLC
Whitbread Court
Houghton Hall Business Park
Porz Avenue
Dunstable
LU5 5XE

Architect
Allison Pike Architects
7 Buxton Road West,
Disley, Stockport,
Cheshire, SK12 2AE
Tel: 01663 763000
www.allisonpike.com

Thornley & Lumb
Building Services Consultant Engineers
Head Office:
Century House, 257 Cutler Heights Lane
Bradford, West Yorkshire, BD4 9JG
Telephone: +44(0)12 7468 7755
Southern Office:
2nd Floor, 216 Tower Bridge Road
London, SE1 2UP
Telephone: +44(0)12 7468 7755
www.thornleylumb.co.uk info@thornleylumb.co.uk

Project Number: C8804
Project Name: PI Manchester W Didsbury
Christie Fields Business Pk, Derwent Avenue, M21 7QS

Drawing Title
Proposed Site Plan
External Lighting Layout

Engineer	Checked by	Drawn By
LM	MT	LM

Date	Scale	Size
14.04.25	1:200	A1

Drawing Number

Project	Originator	Volume	Level	Type	Role	Number	Revision
C8807	TLP	00	XX	DR	E	901	T2

C8804-TLP-ZZ-ZZ-DR-E-901.T2 - External Lighting Layout_01-07-2026 16:56:43